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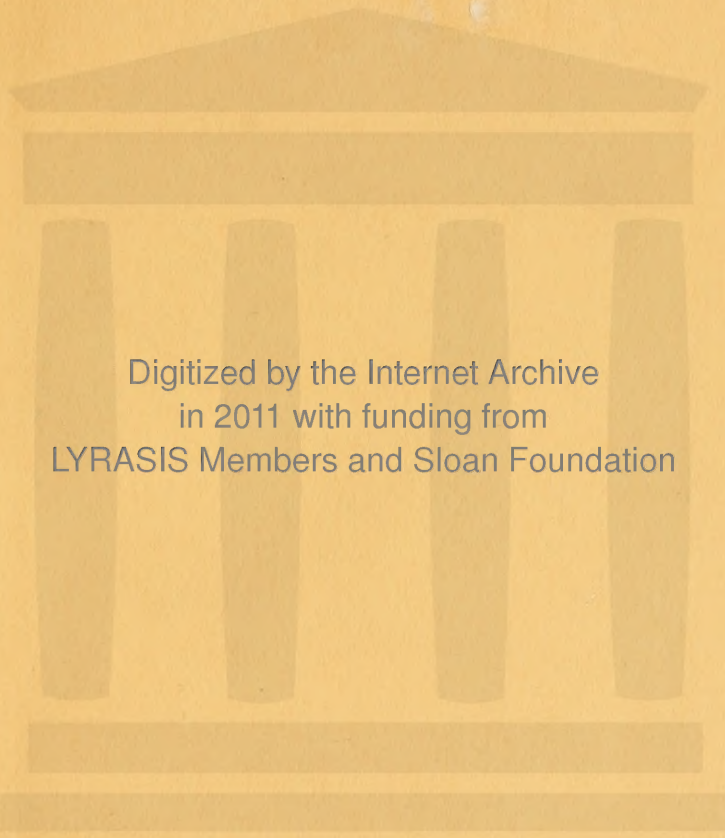
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# HAVERFORD COLLEGE BULLETIN



1953-1954

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HAVERFORD, PENNSYLVANIA

VOLUME LII

NUMBER ONE

July 1953

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v. 52-53

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## 1953

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
<b>Sept.</b>			1	2	3	4	5	<b>Nov.</b>	1	2	3	4	5	6	7
	6	7	8	9	10	11	12		8	9	10	11	12	13	14
	13	14	15	16	17	18	19		15	16	17	18	19	20	21
	20	21	22	23	24	25	26		22	23	24	25	26	27	28
	27	28	29	30					29	30					
<b>Oct.</b>					1	2	3	<b>Dec.</b>			1	2	3	4	5
	4	5	6	7	8	9	10		6	7	8	9	10	11	12
	11	12	13	14	15	16	17		13	14	15	16	17	18	19
	18	19	20	21	22	23	24		20	21	22	23	24	25	26
	25	26	27	28	29	30	31		27	28	29	30	31		

## 1954

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
<b>Jan.</b>						1	2	<b>April</b>					1	2	3
	3	4	5	6	7	8	9		4	5	6	7	8	9	10
	10	11	12	13	14	15	16		11	12	13	14	15	16	17
	17	18	19	20	21	22	23		18	19	20	21	22	23	24
	24	25	26	27	28	29	30		25	26	27	28	29	30	
						31									
<b>Feb.</b>		1	2	3	4	5	6	<b>May</b>							1
	7	8	9	10	11	12	13		2	3	4	5	6	7	8
	14	15	16	17	18	19	20		9	10	11	12	13	14	15
	21	22	23	24	25	26	27		16	17	18	19	20	21	22
	28								23	24	25	26	27	28	29
							30	31							
<b>March</b>		1	2	3	4	5	6	<b>June</b>			1	2	3	4	5
	7	8	9	10	11	12	13		6	7	8	9	10	11	12
	14	15	16	17	18	19	20		13	14	15	16	17	18	19
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
	28	29	30	31					27	28	29	30			

**College days in heavy-face type**

# Calendar

1953-54

Registration of all new students	September 21-22
Beginning of College year with Assembly, 9 A.M.	September 23
Registration of returning students to be filed by 4 P.M.	September 23
First semester classes begin 8 A.M.	September 24
Thanksgiving recess (dates inclusive) 1 P.M.	November 25-29
Major Registration cards for men in the fourth term must be filed by 4 P.M.	December 9
Registration (Spring Term)	December 15, 16, 17
Christmas recess begins at 12 noon	December 19-January 3
First semester classes end, 4 P.M. All papers assigned must be turned in by 4 P.M.*	January 14
Senior Comprehensive Examinations (dates inclusive).	January 13-16
Mid-year examinations (dates inclusive)**	January 18-30
Second semester classes begin 8 A.M.	February 1
Applications for Fellowships for the following year must be filed by	March 1
Spring recess begins at 12 noon	March 27-April 4
Major Registration cards for men in the fourth term must be filed by 4 P.M.	April 14
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M.	May 1
Registration (Fall Term)	May 4, 5, 6
Second semester classes end 12 noon All papers assigned must be turned in by 4 P.M.*	May 15
Senior Comprehensive Examinations (dates inclusive)	May 17-20
Final examinations (dates inclusive)**	May 20-June 2
Commencement	June 4

\*If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. of the fourth day preceding the end of the examination period. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

\*\*Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. of the fourth day preceding the end of the examination period.

# Corporation of Haverford College

## *Officers*

DR. S. EMLÉN STOKES, *President*

Moorestown, N. J.

WM. MORRIS MAIER, *Treasurer*

1411 Walnut Street, Philadelphia 2, Pa.

JOHN F. GUMMERE, *Secretary*

W. School Lane and Fox Street, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*

1411 Walnut Street, Philadelphia 2, Pa.

---

## Members of the Standing Nominating Committee of the Corporation

### *Term Expires 1953*

B. FRANKLIN BLAIR.....64 Princeton Road, Brookline, Pa.

HAROLD EVANS.....1000 Provident Trust Building, Philadelphia 3, Pa.

THOMAS I. POTTS.....6100 Ardleigh Street, Philadelphia 38, Pa.

### *Term Expires 1954*

C. WILLIS EDGERTON.....College Avenue, Haverford, Pa.

THOMAS B. HARVEY.....50 W. Wildey Street, Philadelphia 23, Pa.

WILMOT R. JONES.....Alapocas Drive, Wilmington, Del.

### *Term Expires 1955*

WILLIAM E. CADBURY.....R.D. #2, West Chester, Pa.

HENRY C. EVANS.....635 Manatawna Avenue, Philadelphia 28, Pa.

TIMOTHY P. HAWORTH.....3-C Morris Courts Apts., Merchantville, N. J.

# Board of Managers

*Ex-Officio as Officers of Corporation*

DR. S. EMLÉN STOKES, *President* . . . . . Moorestown, N. J.  
WM. MORRIS MAIER, *Treasurer* . . . . . 1411 Walnut Street, Philadelphia 2, Pa.  
JOHN F. GUMMERE, *Secretary* . . . . . W. School Lane and Fox St., Philadelphia 44, Pa.

*Term Expires 1953*

†J. HENRY SCATTERGOOD . . . . . 1411 Walnut Street, Philadelphia 2, Pa.  
M. ALBERT LINTON . . . . . 4601 Market Street, Philadelphia 39, Pa.  
EDWARD WOOLMAN . . . . . Haverford, Pa.  
THOMAS W. ELKINTON . . . . . Public Ledger Building, Philadelphia 6, Pa.  
HENRY C. EVANS . . . . . 635 Manatawna Avenue, Philadelphia 28, Pa.  
GARRETT S. HOAG . . . . . 10 Post Office Square, Boston 9, Mass.  
DR. JONATHAN E. RHOADS . . . . . 3400 Spruce Street, Philadelphia 4, Pa.  
\*JAMES M. HOUSTON . . . . . 717 Oliver Building, Pittsburgh 22, Pa.  
THOMAS B. HARVEY . . . . . 50 W. Wildey Street, Philadelphia 23, Pa.

*Term Expires 1954*

CHARLES J. RHOADS . . . . . Ithan Road, Bryn Mawr, Pa.  
EDWARD W. EVANS . . . . . Awbury, Germantown, Philadelphia 38, Pa.  
WILLIAM A. BATTEY . . . . . 605 Walnut Lane, Haverford, Pa.  
DR. FREDERIC C. SHARPLESS . . . . . Greensboro, Vt.  
JOHN A. SILVER . . . . . American Wheelabrator Corp., Mishawaka, Ind.  
WILMOT R. JONES . . . . . Alapocas Drive, Wilmington, Del.  
H. JUSTICE WILLIAMS . . . . . 901 Provident Trust Building, Philadelphia 3, Pa.  
DANIEL SMILEY, JR. . . . . Mohonk Lake, N. Y.  
\*THEODORE WHITELSEY, JR. . . . . 986 Railroad Avenue, Bryn Mawr, Pa.  
\*DONALD E. WILBUR . . . . . 115 Pennsylvania Avenue, Bryn Mawr, Pa.

*Term Expires 1955*

FREDERIC H. STRAWBRIDGE . . . . . 801 Market Street, Philadelphia 7, Pa.  
JONATHAN M. STEERE . . . . . 2517 Girard Trust Building, Philadelphia 2, Pa.  
STANLEY R. YARNALL . . . . . 5337 Knox Street, Philadelphia 44, Pa.  
DR. HENRY M. THOMAS, JR. . . . . 314 Overhill Road, Baltimore 10, Md.  
ALEXANDER C. WOOD, JR. . . . . 325 Chestnut Street, Philadelphia 6, Pa.  
HAROLD EVANS . . . . . 1000 Provident Trust Building, Philadelphia 3, Pa.  
\*ROBERT A. LOCKE . . . . . 1207 Land Title Building, Philadelphia 10, Pa.  
RUSSELL W. RICHIE . . . . . 1212 Market Street, Philadelphia 7, Pa.  
DR. JOSEPH STOKES, JR. . . . . 1740 Bainbridge Street, Philadelphia 46, Pa.

## Faculty Representatives on Board of Managers

*Term Expires 1954*

LOUIS C. GREEN

*Term Expires 1955*

HERMAN M. SOMERS

*Alternates, 1953-54: HOLLAND HUNTER and LAURENCE W. WYLIE*

\*Alumni Representative Manager.

†Deceased, 6/15/53.

## Officers of the Board of Managers

*Chairman of Board*

DR. S. EMLÉN STOKES

*Secretary of Board*

WM. NELSON WEST, 3RD  
1411 Walnut Street, Phila. 2, Pa.

## Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio  
member of all committees*

### *Executive Committee*

DR. S. EMLÉN STOKES, <i>Chairman</i>	JOHN F. GUMMERE
J. HENRY SCATTERGOOD	WILMOT R. JONES
JONATHAN M. STEERE	DR. JONATHAN E. RHOADS
ALEXANDER C. WOOD, JR.	WM. MORRIS MAIER
THOMAS W. ELKINTON	H. JUSTICE WILLIAMS
EDWARD W. EVANS	THEODORE WHITTELSEY, JR.

WM. NELSON WEST, 3RD, *Secretary*

### *Committee on Finance and Investment*

JONATHAN M. STEERE, <i>Chairman</i>	M. ALBERT LINTON
J. HENRY SCATTERGOOD	WM. MORRIS MAIER
ALEXANDER C. WOOD, JR.	ROBERT A. LOCKE

RUSSELL W. RICHIE

### *Committee on College Property*

DANIEL SMILEY, JR., <i>Chairman</i>	THOMAS W. ELKINTON
FREDERIC H. STRAWBRIDGE	HENRY C. EVANS
WILLIAM A. BATTEY	JOHN A. SILVER
EDWARD WOOLMAN	JAMES M. HOUSTON

THOMAS B. HARVEY

### *Committee on Honorary Degrees*

M. ALBERT LINTON, <i>Chairman</i>	HAROLD EVANS
STANLEY R. YARNALL	GARRETT S. HOAG
DR. HENRY M. THOMAS	DONALD E. WILBUR

DR. JOSEPH STOKES, JR.

### *Counsel*

MACCOY, EVANS AND LEWIS  
1000 Provident Trust Building  
Philadelphia 3, Pa.

## Faculty

- GILBERT FOWLER WHITE ..... *President*  
 S.B., S.M., and Ph.D., University of Chicago; LL.D., Hamilton College.
- WILLIAM WISTAR COMFORT ..... *President, Emeritus*  
 A.B., A.M. and LL.D., Haverford College; A.M. and Ph.D. Harvard University;  
 Litt.D., University of Pennsylvania; LL.D., University of Maryland and Lake  
 Forest College.
- LEGH WILBER REID ..... *Professor of Mathematics, Emeritus*  
 S.B., Virginia Military Institute; A.B., Johns Hopkins University; S.M., Prince-  
 ton University; Ph.D., University of Göttingen.
- ALBERT HARRIS WILSON ..... *Professor of Mathematics, Emeritus*  
 S.B. and S.M., Vanderbilt University; Ph.D., University of Chicago.
- FREDERIC PALMER, JR. .... *Professor of Physics, Emeritus*  
 A.B., A.M., and Ph.D., Harvard University.
- LEON HAWLEY RITTENHOUSE ..... *Professor of Engineering, Emeritus*  
 M.E., Stevens Institute of Technology.
- FRANK DEKKER WATSON ..... *Professor of Sociology and Social Work, Emeritus*  
 S.B. in Economics and Ph.D., University of Pennsylvania.
- DEAN PUTNAM LOCKWOOD ..... *Professor of Latin, Emeritus*  
 A.B., A.M., and Ph.D., Harvard University.
- WILLIAM EDWARD LUNT ..... *Walter D. and Edith M. L. Scull*  
*Professor of English Constitutional History, Emeritus*  
 A.B. and L.H.D., Bowdoin College; A.M. and Ph.D., Harvard University;  
 Litt.D., Princeton University; L.H.D., Haverford College.
- ALFRED WM. HADDLETON ..... *Assistant Professor of Physical Education, Emeritus*
- JOHN OTTO RANTZ ..... *Instructor in Engineering, Emeritus*  
*(The active members of the Faculty are arranged in the order of their*  
*appointment to their present rank. Two or more appointed in*  
*the same year are listed in alphabetical order.)*
- WILLIAM BUELL MELDRUM ..... *John Farnum Professor of Chemistry*  
 B.A. and M.Sc., McGill University; Ph.D., Harvard University.
- LEVI ARNOLD POST ..... *Professor of Greek*  
 A.B. and A.M., Haverford College; A.M., Harvard University; B.A. and M.A.,  
 Oxford University.
- EMMETT REID DUNN ..... *David Scull Professor of Biology*  
 A.B. and A.M., Haverford College; Ph.D., Harvard University.
- EDWARD DOUGLAS SNYDER ..... *Professor of English*  
 A.B., Yale University; A.M. and Ph.D., Harvard University.
- JOHN ALEXANDER KELLY ..... *Professor of German*  
 A.B., Emory and Henry College; A.M. and Ph.D., Columbia University.
- DOUGLAS VAN STEERE ..... *T. Wistar Brown Professor of Philosophy*  
 S.B., Michigan State College; B.A., Oxford University; A.M. and Ph.D., Harvard  
 University; D.D., Lawrence College.
- CLETUS ODA OAKLEY ..... *Professor of Mathematics*  
 S.B., University of Texas; S.M., Brown University; Ph.D., University of Illinois.
- RICHARD MANLIFFE SUTTON ..... *Professor of Physics*  
 S.B., Haverford College; Ph.D., California Institute of Technology.

- RALPH MILLARD SARGENT . . . . . *F. B. Gummere Professor of English*  
A.B., Carleton College; Ph.D., Yale University.
- \*HOWARD MORRIS TEAF, JR. . . . . *Professor of Economics*  
S.B. in Economics, A.M., and Ph.D., University of Pennsylvania.
- JOHN WILLIAM FLIGHT . . . . . *Professor of Biblical Literature*  
A.B., Hope College; A.M., Yale University; B.D. and Ph.D., Hartford Theological Seminary.
- \*JOHN GOODWIN HERNDON . . . . . *Professor of Public Finance*  
A.B. and A.M., Washington and Lee University; Ph.D., University of Pennsylvania.
- ABRAHAM PEPINSKY . . . . . *Professor of Psychology*  
A.B. and A.M., University of Minnesota; Ph.D., State University of Iowa.
- IRA DE AUGUSTINE REID . . . . . *Professor of Sociology*  
A.B., Morehouse College; A.M., University of Pittsburgh; Ph.D., Columbia University; LL.D., Morehouse College.
- ALFRED JULIUS SWAN . . . . . *Professor of Music on joint*  
B.A. and M.A., Oxford University. *appointment with Swarthmore College*
- HARRY WILLIAM PFUND . . . . . *Professor of German*  
A.B., Haverford College; A.M., and Ph.D., Harvard University.
- HERMAN MILES SOMERS . . . . . *Professor of Political Science*  
S.B. and Ph.M., University of Wisconsin; A.M. and Ph.D., Harvard University.
- ROY EARL RANDALL . . . . . *Professor of Physical Education*  
Ph.B., Brown University. *and Director of Intercollegiate Athletics*
- RICHARD MAX BERNHEIMER . . . . . *Professor of History of Art on joint*  
Ph.D., University of Munich. *appointment with Bryn Maur College*
- WILLIAM ATTICH REITZEL . . . . . *Professor of Social Science*  
S.B., Haverford College; B.A. and M.A., Oxford University.
- THOMAS EDWARD DRAKE . . . . . *Professor of American History*  
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- LOUIS CRAIG GREEN . . . . . *Professor of Astronomy*  
A.B., A.M. and Ph.D., Princeton University.
- DERK BODDE . . . . . *Visiting Professor of Philosophy, 2nd semester, 1952-53*  
B.A., Harvard University; Ph.D., University of Leyden.
- HOWARD COMFORT . . . . . *Associate Professor of Latin and Greek*  
A.B., Haverford College; A.M. and Ph.D., Princeton University.
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S.B. and M.E., University of New Hampshire; A.M., Haverford College.
- WILLIAM EDWARD CADBURY, JR. . . . . *Associate Professor of Chemistry*  
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- WILLIAM DOCHERTY, JR. . . . . *Associate Professor of Physical Education*  
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S.B., Haverford College; S.B. in M.E., University of Pennsylvania; M.S. and Ph.D., Pennsylvania State College.
- LAURENCE WILLIAM WYLIE . . . . . *Associate Professor of Romance Languages*  
A.B. and A.M., University of Indiana; Ph.D., Brown University.

\* Absent on leave, 1953-54.  
\*\* Absent on leave, first semester.



- MANUEL JOSE ASENSIO . . . . . *Associate Professor of Spanish*  
B.A., University of Granada; Pericial de Aduanas, Academia Oficial de Aduanas,  
Madrid; A.M., University of Pennsylvania.
- \* HOWARD KNICKERBOCKER HENRY . . . . . *Associate Professor of Biology*  
S.B., University of Pennsylvania.
- ROBERT CLARKE JAMES . . . . . *Associate Professor of Mathematics*  
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Technology.
- \* H. FIELD HAVILAND, JR. . . . . *Associate Professor of Political Science*  
A.B., A.M. and Ph.D., Harvard University.
- \* JOHN ASHBY LESTER, JR. . . . . *Associate Professor of English*  
S.B., Haverford College; A.M. and Ph.D., Harvard University.
- HOLLAND HUNTER . . . . . *Associate Professor of Economics*  
S.B., Haverford College; A.M. and Ph.D., Harvard University.
- WALLACE TREVETHIC MACCAFFREY . . . . . *Walter D. and Edith M. L. Scull*  
*Associate Professor of English Constitutional History*  
A.B., Reed College; A.M. and Ph.D., Harvard University.
- PAUL BENNETT JOHNSON . . . . . *Visiting Associate Professor of Mathematics*  
B.A. and M.S., University of Washington; Ph.D., California Institute of Tech-  
nology.
- THOMAS ALONZO BENHAM . . . . . *Assistant Professor of Physics*  
S.B. and S.M., Haverford College.
- FRANCES DE GRAAFF . . . . . *Assistant Professor of Russian*  
Ph.D., University of Leyden. *on joint appointment with Bryn Mawr College*
- OTTO THEODOR BENFEY . . . . . *Assistant Professor of Chemistry*  
B.Sc. and Ph.D., London University.
- \* MARCEL MARC GUTWIRTH . . . . . *Assistant Professor of French*  
A.B., Columbia College; A.M. and Ph.D., Columbia University.
- FRANCIS HOWARD PARKER . . . . . *Assistant Professor of Philosophy*  
A.B., Evansville College; A.M., Indiana University; Ph.D., Harvard University.
- JOHN ASHMEAD, JR. . . . . *Assistant Professor of English*  
A.B., A.M. and Ph.D., Harvard University.
- JOHN PEARSON ROCHE . . . . . *Assistant Professor of Political Science*  
A.B., Hofstra College; A.M. and Ph.D., Cornell University.
- WILLIAM HEART REESE . . . . . *Assistant Professor of Music and Director*  
*of Glee Club and Orchestra on joint appointment with Bryn Mawr College*  
A.B., Amherst College; M.A., Columbia University; Ph.D., University of Berlin.
- GERHARD GUNTER FRIEDRICH . . . . . *Assistant Professor of English*  
A.B., Guilford College; A.M., Haverford College; Ph.D., University of Minne-  
sota.
- JOHN DOWLING CAMPBELL . . . . . *Assistant Professor of Psychology*  
B.A., Knox College; A.M. and Ph.D., Harvard University.
- PHILIP WILKES BELL . . . . . *Assistant Professor of Economics*  
A.B., Princeton University, A.M., University of California.
- KENNETH SHIELDS WOODROOFE . . . . . *Assistant Professor of English*  
B.A., Oxford University.
- IRVING BARNETT . . . . . *Assistant Professor of Economics*  
B.A., Yale University; LL.B., Columbia University.
- MILTON MYRON GORDON . . . . . *Assistant Professor of Sociology*  
A.B., Bowdoin College; M.A. and Ph.D., Columbia University.

\* Absent on leave, 1953-54.

\*\* Deceased 7-5-53.

- MORTON A. KAPLAN . . . . . *Assistant Professor of Political Science*  
A.B., Temple University; Ph.D., Columbia University.
- HERBERT WILLIAM TAYLOR . . . . . *Lecturer in Hygiene*  
A.B., Haverford College; M.D., University of Pennsylvania.
- MARTIN FOSS . . . . . *Lecturer in Philosophy*  
LL.D., University of Jena.
- CLARENCE EVAN PICKETT . . . . . *Lecturer in Christian Ethics*  
A.B., Penn College; B.D., Hartford Theological Seminary; LL.D., Haverford  
College; LL.D., Earlham College.
- ELMORE JACKSON . . . . . *Lecturer in International Relations*  
A.B., Pacific College; B.D., Yale University.
- FRANK JOSEPH QUINN . . . . . *Lecturer in English Literature*  
B.A., Oxford University.
- GEORGES AUCLAIR . . . . . *Lecturer in French*  
Licence-ès-Lettres, Licence en Droit, Université de Paris.
- ALFRED GILBERT STEER, JR. . . . . *Instructor in German*  
A.B., Haverford College; A.M., Duke University.
- WILLIAM HOOD WISHMEYER . . . . . *Instructor in English*  
A.B. and A.M., Johns Hopkins University.
- ANDRÉ MALÉCOT . . . . . *Instructor in Romance Languages, 1950-53*  
A.B., University of Delaware; M.A., Middlebury College; Ph.D., University of  
Pennsylvania.
- NORMAN BARGE BRAMALL . . . . . *Assistant in Physical Education*
- RAYMOND TAYLOR BRAMALL . . . . . *Assistant in Physical Education*  
B.S., M.S. and Ed.D., University of Pennsylvania.
- NORMAN MONTGOMERY WILSON . . . . . *Assistant in Engineering*
- THOMAS MCCONNELL STEVENS . . . . . *Assistant in Biology, 1952-53*  
A.B., Haverford College.
- DAVID PAUL MAYER . . . . . *Assistant in Chemistry*  
S.B., Haverford College.
- FRITZ JANSCHKA . . . . . *Artist in Residence, Bryn Mawr College*  
Akademie der Bildenden.
- DAVID SHOEMAKER RICHIE . . . . . *Adviser in Work Camp Program*  
S.B., Haverford College.
- FORREST DUANE COMFORT . . . . . *Counsellor in Remedial Reading*  
A.B., Penn College; A.M., Haverford College; Ed.M., Harvard University.

The Vice-Presidents, the Dean and the Comptroller are members of the Faculty.

## Visiting Faculty on the Philips Fund

1952-53

- ROGER ADAMS, A.B., A.M., Ph.D., D.Sc.  
Head of Chemistry Department, University of Illinois.
- MARSTON BATES, B.S., A.M., Ph.D.  
Professor of Zoology, University of Michigan.
- RALPH JOHNSON BUNCHE, A.B., A.M., Ph.D., LL.D.  
Director of Department of Trusteeship, United Nations.
- L. JAMES CALLAGHAN  
Member of Parliament from Cardiff, Wales.
- SUBRAHMANYAN CHANDRASEKHAR, M.A., Ph.D., D.Sc.  
Distinguished Service Professor of Astrophysics, Yerkes Observatory, University of Chicago.
- ARTHUR B. COBLE, B.A., M.A., Ph.D., LL.D.  
Emeritus Professor of Mathematics, University of Illinois.
- C. DARRYL FORDE, Ph.D.  
Professor of Anthropology, University of London.
- ARCHIBALD MACLEISH, A.B., Litt.D., LL.D., L.H.D.  
Boylston Professor of Rhetoric, Harvard University.
- DAVID MITRANY, Ph.D., D.Sc.  
Institute for Advanced Study, Princeton, N. J.
- HANS RADEMACHER, Ph.D.  
Professor of Mathematics, University of Pennsylvania.
- JACK R. REES, M.D.  
Director, World Federation for Mental Health.
- HUGH SCOTT TAYLOR, B.Sc., M.Sc., D.Sc., LL.D.  
Dean of the Graduate School, Princeton University.

1953-54

(Preliminary)

- GEORGE BROCK CHISHOLM, M.D.  
Director-General, World Health Organization.
- CHARLES A. COULSON, M.A., D.Sc., F.R.S.  
Rouse Ball Professor of Mathematics, Oxford University.
- ENRICO FERMI, D.Sc.  
Distinguished Service Professor of Physics, University of Chicago.
- HOWARD A. RUSK, M.D., D.Sc., LL.D.  
Chairman, Department of Rehabilitation and Physical Medicine, New York University.
- GLENN THEODORE SEABORG, A.B., Ph.D.  
Professor of Chemistry, University of California.
- JAN TINBERGEN, D.Phys.  
Director, The Netherlands Central Government Planning Office.
- ALBERT WILLIAM TUCKER, A.B., A.M., Ph.D.  
Professor of Mathematics, Princeton University.

## Administration

GILBERT FOWLER WHITE	<i>President</i>
S.B., S.M. and Ph.D., University of Chicago; LL.D., Hamilton College.	
ARCHIBALD MACINTOSH	<i>Vice-President and Director of Admissions</i>
A.B., Haverford College; A.M., Columbia University; Ph.D., University of Pennsylvania.	
LESTER CORNERIUS HAWORTH	<i>Vice-President</i>
S.B., Earlham College.	
WILLIAM EDWARD CADBURY, JR.	<i>Dean for 1953-54</i>
S.B. and A.M., Haverford College; Ph.D., University of Pennsylvania.	
MRS. EDYTHA M. CARR	<i>Registrar</i>
ALDO CASELLI	<i>Comptroller and Business Manager</i>
D.S.E. and C., University of Naples.	
*JOHN ASHBY LESTER, JR.	<i>Librarian</i>
S.B., Haverford College; A.M. and Ph.D., Harvard University.	
THOMAS EDWARD DRAKE	<i>Curator of the Quaker Collection</i>
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.	
HERBERT WILLIAM TAYLOR	<i>Physician in Charge</i>
A.B., Haverford College; M.D., University of Pennsylvania.	
MABEL SYLVIA BEARD	<i>Resident Nurse</i>
R.N., Lankenau Hospital.	
LOUIS CRAIG GREEN	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M. and Ph.D., Princeton University.	
MRS. ETHEL E. BEATTY	<i>Dietitian</i>
BENNETT SMEDLEY COOPER	<i>Alumni Secretary and Assistant to the President</i>
S.B., Haverford College.	
GERTRUDE MANN WONSON	<i>Admissions Office</i>
S.B., Simmons College.	
MRS. ALICE M. BERRY	<i>Secretary to the President</i>
MRS. MARIS M. OGDEN	<i>Secretary to the Dean</i>
A.B., Rosemont College.	

\* Absent on leave.

## Standing Committees of the Faculty and Administration

The President and the Vice-Presidents are ex-officio members of all committees. The President, the three elected divisional representatives of the Faculty, the Vice-Presidents and the Dean compose the Academic Council. Under the chairmanship of the President this body meets occasionally to consider student petitions and matters of college policy. The elected members for 1953-54 are Messrs. Hunter (Social Sciences), James (Natural Sciences), and Post (Humanities).

ACADEMIC STANDING: Mr. Parker, *Chairman*.

Messrs. Campbell, Docherty, James, Roche, Woodroffe.

ADMISSIONS: Mr. MacIntosh, *Chairman*.

Messrs. Ashmead, Flight, Quinn.

CURRICULUM AND COLLEGE PROGRAM: Mr. Green, *Chairman*.

Messrs. Bell, Cadbury, Sargent, Steere.

FACULTY COMPENSATION: Mr. Oakley, *Chairman*.

Messrs. Haviland, Pfund, Somers, Taylor.

FELLOWSHIPS AND PRIZES: Mr. Somers, *Chairman*.

Messrs. H. Comfort, Foss, Henry, Reitzel, Wishmeyer.

GRADUATE CURRICULUM: Mr. Hetzel, *Chairman*.

Messrs. Pfund, Pickett, Reid, Steere.

GRADUATE STUDENTS: Mr. Meldrum, *Chairman*.

Messrs. Drake, Dunn, Friedrich, Sutton.

LIBRARY: Mr. Hunter, *Chairman*.

Messrs. Ashmead, Drake, Gordon, Herndon, Jones, Post, Wylie.

NON-ACADEMIC INSTRUCTION: Mr. Benfey, *Chairman*.

Messrs. Bernheimer, Kelly, Randall, Reese, N. Wilson.

PHILIPS' VISITORS: Mr. Roche, *Chairman*.

Messrs. Benfey, Wylie.

STUDENT AFFAIRS: Mr. Benham, *Chairman*.

Messrs. Asensio, Holmes, Pepinsky, Snyder, Miss deGraaff.

Student members: Charles Brainerd, Wistar Comfort, Stephen Sachs.



THE COLLEGE PROGRAM





## HAVERFORD COLLEGE

AS A QUAKER COLLEGE, Haverford stresses in its educational policy the importance of personal and social ideals. In the past, this concern has been expressed through Fifth Day Meeting and Collection, rather than in any formal way in the requirements for the degree. Recent changes in faculty policy, however, have put a heavier emphasis on philosophic and evaluative courses within the academic curriculum itself. The College is not satisfied with scholarship and intellectual expertness alone, though it values highly these qualities; in its new plans, Haverford will stress increasingly the importance of sound ethical judgment based upon clear perception of individual and social aims.

In its curricular work, Haverford insists on a high standard of achievement. The College's selective admissions policy brings together a varied group of promising young men in each Freshman class. A reasonably high aptitude for academic work is an essential prerequisite, but selection is made also with qualities of personality and character in mind. In its strictly academic work, the College stresses intellectual integrity, independence of judgment, the imaginative grasp of interrelationships, and the capacity to do independent work. Mastery of facts and of the techniques of research is always important, but even more so is the desire and moral capacity to use these skills for worthwhile ends.

Haverford believes that desirable qualities can be cultivated in the classroom and laboratory but that this process can be supplemented and strengthened by a sound program of student government and extracurricular activities. The non-academic program is calculated to encourage growth in a sense of responsibility for constructive community service, in the appreciation of beauty, and in certain creative skills not properly included in the curriculum itself. The meditative silence of Fifth Day Meeting continues, as always, to make an important contribution to the spiritual development of Haverford men.

From the beginning these aims have been important in Haverford's educational program; the changes now in effect are intended to increase their importance in the curricular work of the College.

## History

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$9,600,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

## Admission

THE POLICY of Haverford College is to admit to the Freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to undergraduate life. Due regard is given not only to scholarly attainment, as shown by examination and by school record, but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with the Director of Admissions or another administrative officer. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a carefully selected and comparatively small student organization. On the basis of all information available — College Board reports, school record, class standing, evidence touching on character and personality — the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. Those who, on entrance, show marked proficiency in certain subjects will be permitted to take courses usually not open to Freshmen; in such cases, however, the number of courses required for a degree will not be diminished.

Each applicant for admission must take the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The English Achievement Test is required, but a candidate may choose the other two tests. If there is any doubt about the choice of the two tests, he should consult the Director of Admissions. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition, the applicant must obtain blank forms from the College, on which he must submit his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units\* of work.

\* A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work.

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry, and three years of a foreign language. Cases involving divergence from the requirements should be discussed with the Director of Admissions. The remaining units will be drawn from laboratory science, social science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not usually listed, provided he shows proficiency which indicates an amount of study and intellectual effort commensurate with that required in other subjects. The subject chosen must have the approval of the Admissions Committee.

### Information Concerning College Entrance Board Tests

The College Entrance Examination Board will hold a complete series of examinations on each of the following dates during the academic year 1953-1954:

Saturday, December 5, 1953	Saturday, March 13, 1954
Saturday, January 9, 1954	Saturday, May 22, 1954
Wednesday, August 11, 1954	

On each of the dates listed above, the schedule of tests will be as follows:

8:45 A.M.—Scholastic Aptitude Test (Verbal and Mathematical Sections)

1:45 P.M.—Achievement Tests—Candidates may not take more than three of the following:

English Composition	Advanced Mathematics
Social Studies	Biology
French Reading	Chemistry
German Reading	Intermediate Mathematics
Latin Reading	Physics
Spanish Reading	

In addition, at the March, 1954, series only, Achievement Tests in Greek Reading and Italian Reading will be offered, but only to candidates who register in advance specifically for these tests.

The schedule permits a candidate to take the morning Scholastic Aptitude Test and a maximum of three of the afternoon Achievement Tests.

Copies of the Bulletin of Information may be obtained without charge from the College Entrance Examination Board. The Bulletin contains rules regarding applications, fees, and reports; rules for the conduct of the tests, advice to candidates, descriptions of the tests, sample questions, and lists of examination centers.

Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take the examinations in any of the following States, territories, or foreign areas should address their inquiries and send their applications to College Entrance Examination Board, P. O. Box 9896, Los Feliz Station, Los Angeles 27, California:

Arizona	New Mexico	Territory of Hawaii
California	Oregon	Province of Alberta
Colorado	Utah	Province of British Columbia
Idaho	Washington	Republic of Mexico
Montana	Wyoming	Australia
Nevada	Territory of Alaska	Pacific Islands, including Japan and Formosa

Candidates applying for examination in any State or foreign area not given above should write to College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey.

Application forms will be sent to any candidate upon request. When ordering the forms candidates must state whether they wish applications for the December, January, March, May or August tests. Application forms for the December tests will be available early in the fall; those for the January tests will be ready for distribution about November 24; those for the March series, about January 3; forms for any other particular series will be available immediately after the preceding series has been held. A copy of the Bulletin of Information is routinely sent to every candidate requesting an application blank.

Each application submitted for registration must be accompanied by the examination fee. A detailed schedule of fees follows:

Scholastic Aptitude Test and one, two or three	
Achievement Tests .....	\$12.00
Scholastic Aptitude Test only .....	6.00
One, two or three Achievement Tests only .....	8.00

All applications and fees should reach the appropriate office of the Board not later than the dates specified below:

*For examination centers located*

<i>Date of Tests</i>	<i>In the United States, Canada, the Canal Zone, Mexico, or the West Indies</i>	<i>Outside the United States, Canada, the Canal Zone, Mexico, or the West Indies</i>
December 5, 1953	November 14	October 17
January 9, 1954	December 19	November 21
March 13, 1954	February 20	January 23
May 22, 1954	May 1	April 3
August 11, 1954	July 21	June 23

Applications received after these closing dates will be subject to a penalty fee of three dollars in addition to the regular fee.

Candidates are urged to send in their applications and fees as early as possible, preferably at least several weeks before the closing date, since early registration allows time to clear up possible irregularities which might otherwise delay the issue of reports. Under no circumstances will an application be accepted if it is received at either of the Board offices later than one week prior to the date of the examination. No candidate will be permitted to register with the supervisor of an examination center at any time. Only properly registered candidates, holding tickets of admission to the centers at which they present themselves, will be admitted to the tests. Requests for transfer of examination center cannot be considered unless these reach the Board offices one week prior to the date of the examination or earlier.

The Board will report the results of the tests to the institutions indicated on the candidates' applications. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

### Advanced Standing

Since Haverford offers an integrated education, admission with advanced standing is ordinarily granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses, with his record therein.

In some cases the College Board Intermediate Tests for transfer students may be required.



## Financial Arrangements

### Rooms

ENTERING FRESHMEN are assigned the rooms available after the other classes have made their choice. It is not always possible to meet the desire of Freshmen for the cheapest rooms. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. New students will be notified of the rooms assigned to them by means of a list available in Roberts Hall. The choice of rooms by other students is governed by published rules.

A deposit of \$35 is required of all new students at the time they are notified of their admission. A similar deposit is required also of those students who have not been in attendance at the College during the immediately preceding semester. This amount will be deducted from the bill for the following year. If the student fails to present himself at the beginning of the semester for which he has been enrolled, the deposit will be forfeited.

Students are expected to treat College property with the same consideration as their own. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

### Expenses

The tuition charge for all regular students is \$675 for the academic year. Tuition for special students is \$80 per course, per semester. The board is \$13.75 per week, and room rent ranges from \$150.00 to \$240.00 per year, according to the location of the room. The Unit Fee is \$64.00 per year. Charges are subject to alteration by the Board of Managers.

The room charges include heat, electric light, service, and the use of necessary bedroom furniture, i.e., a bureau, table, chair, study lamp, and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels.

The College requires that bills rendered August 15 and January 15 for the following semester's tuition, board, room, unit fee, and deposits be paid in full before the beginning of the semester.

In order to avoid last minute congestion, it is suggested that bills be paid by mail in advance. Upon receipt of payment, registration cards will be

released by the Comptroller's Office to the Registrar, and students, except Freshman or transfer students, need not report at the Office of the Comptroller.

The Unit Fee includes the following: Student activities fee, laboratory fees, health fee, accident insurance (a maximum of \$500 within one year of each accident), diploma, and psychological tests when required by the College. Students who are insured at home on a blanket accident policy, for no less than \$500 per accident, will be granted a reduction from the unit fee equal to the premium the College would pay to the insurance carrier, on condition that their personal accident policy covers all accidents without any exclusion whatsoever, and that medical expenses incurred as result of an accident be paid the student, who in turn will present his claim to his insurance carrier.

The College requires a \$40 deposit to cover the cost of books and any other incidental charges which may arise during the school year. At intervals during the year, a bill for the actual charges made will be sent to the student. If this bill, or any other indebtedness, is not paid by the end of the semester, credits will not be granted for the work performed. Any unspent balance is refunded at the end of the academic year.

Resident veterans in training under Public Law 16, Public Law 346 and Public Law 550 will be required to pay for their tuition on the first day of each semester unless they have presented satisfactory evidence that they have complied with the appropriate regulations of the Veterans Administration.

No reduction or refund of the tuition charge will be made after the first two weeks of any semester. If a student withdraws before the completion of the first two weeks, there will be a complete refund of his tuition. In case of illness or absence for any reason from the College, for four weeks or more, there will be a prorated refund of board. In case of withdrawals at any time, there will be no reduction of room rent for the semester unless the same room is re-rented, in which case the withdrawn occupant will receive the amount paid to the College by the new occupant. The unit fee cannot be refunded for any reason.

### **College Responsibility**

The College is not responsible for loss due to fire, theft, or any other cause. Students who wish to cover the fire risk may apply for information at the Office of the Comptroller.

### **Monthly Payments**

Because some parents may prefer to pay tuition and other College fees in equal monthly installments during the academic year, the College is glad to

offer this convenience under The Tuition Plan. The cost is 4% greater than when payment is made in cash at the beginning of each semester.

### **Student Loan Fund**

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their College course.

For information apply at the Office of the Comptroller.

### **Student Aid**

In addition to the Student Loan Fund and to scholarship help, the College offers students the opportunity to work at standard rates in the library and as clerical assistants to faculty and administrative officers of the College. Appointments are made from a list of eligible students prepared by Vice-President MacIntosh.

## Scholarships

SCHOLARSHIPS are awarded on a basis of merit and individual need. While no scholarship is given for more than one year, it is the practice to continue the scholarship if a student's scholastic performance has been satisfactory and his need remains constant.

No scholarship will be given to a student who has a failure against him at the time of application.

No scholarship will be given to a student whose previous college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1954-1955, together with supporting letters from parents or guardians, should be in the hands of Vice-President MacIntosh before April 15, 1954.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

CORPORATION AWARDS.—Four Corporation Scholars will be chosen in each class. In the senior, junior and sophomore classes the selection will be made on the basis of the highest general averages for the preceding year. In the freshman class the selection will be made after the May College Board Examinations (see page 24). Each man will be awarded \$50. in books. No application for these awards is necessary.

### The Endowed Scholarships

It is not necessary for applicants to mention specific scholarships in their applications save in those cases where they meet the special conditions stated for the award.

I. ISAIAH V. WILLIAMSON SCHOLARSHIPS.—Three scholarships, usually awarded to members of the Senior and Junior classes.

II. RICHARD T. JONES SCHOLARSHIP.—One scholarship.

III. EDWARD YARNALL SCHOLARSHIP.—One scholarship.

IV. THOMAS P. COPE SCHOLARSHIP.—One scholarship.

V. SARAH MARSHALL SCHOLARSHIP.—One scholarship.

VI. MARY M. JOHNSON SCHOLARSHIP.—One scholarship.

VII. ISAAC THORNE JOHNSON SCHOLARSHIP.—One scholarship, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

VIII. CASPAR WISTAR MEMORIAL SCHOLARSHIP.—One scholarship, available preferably for sons of parents engaged in Christian service (including secretaries of Young Men's Christian Associations) or students desiring to prepare for similar service in America or other countries.

IX. LOUIS JAQUETTE PALMER MEMORIAL SCHOLARSHIP.—This scholarship is awarded on application, preferably to a member of the Freshman Class who, in the opinion of a committee representing the donors and the President of the College, shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

X. J. KENNEDY MOORHOUSE MEMORIAL SCHOLARSHIP.—One scholarship, intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living."

XI. PAUL W. NEWHALL MEMORIAL SCHOLARSHIP.—One scholarship.

XII. ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIPS.—Two or more scholarships, preference to be given to "a native of New York or Connecticut who now resides in one of those States."

XIII. SAMUEL E. HILLES MEMORIAL SCHOLARSHIP.—One scholarship.

XIV. CLASS OF 1913 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XV. ISAAC SHARPLESS SCHOLARSHIP FUND.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XVI. CLASS OF 1917 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XVII. THE GEOFFREY SILVER MEMORIAL SCHOLARSHIP.—One scholarship, available to a Public School graduate in this general area who may enter Haverford.

XVIII. DANIEL B. SMITH SCHOLARSHIP.—One scholarship, awarded "in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of Benjamin R. Smith, if any such should apply."

XIX. SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND.—Founded November 1, 1943, by bequest of \$75,534.58 from Joseph T. Hilles, Class of 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; to be awarded by the Managers to "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.'"

XX. ELIHU GRANT MEMORIAL SCHOLARSHIP FUND.—Two or more scholarships, established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental subjects." In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College.

XXI. JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXII. JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty "to some student or students preparing for medicine, the selection to be based on character, scholarship and financial need."

XXIII. DANIEL E. DAVIS, JR. MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIV. CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP.—One scholarship, established June 13, 1946, by Mrs. Madeleine Seabury Febiger in memory of

her husband, Christian Febiger, of the Class of 1900. The income of this fund is applied in paying tuition and other college expenses of worthy, needy students.

XXV. THE W. W. COMFORT FUND.—This fund was established in 1947 by the Haverford Society of Maryland. Grants from this fund are made with the understanding that the recipient shall, at an unstated time after leaving college, repay to the fund the amount which he received while an undergraduate.

XXVI. JONATHAN M. STEERE SCHOLARSHIP FUND.—Established in December 1948 by Jonathan M. Steere, of the Class of 1890. The scholarship is intended primarily for a graduate of Moses Brown School, Providence, Rhode Island, who shall be a member of the Society of Friends.

XXVII. WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP.—Founded in 1949 in memory of William Graham Tyler, of the Class of 1858. Preference shall be given to students from Oskaloosa, Iowa, or from William Penn College, on the basis of character, scholarship and financial need.

XXVIII. MAX LEUCHTER MEMORIAL SCHOLARSHIP.—Established in December, 1949, in memory of Max Leuchter, father of Ben Z. Leuchter, of the Class of 1946. One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIX. 1890 MEMORIAL SCHOLARSHIP FUND.—Established by a member of the Class of 1923 in memory of his father, of the Class of 1890, and in recognition of his father's friendship with the members of his class. The income from this fund is to be awarded as a scholarship by the College to a deserving student.

XXX. THE A. CLEMENT WILD SCHOLARSHIP.—Established May 14, 1951, by Mrs. Gertrude T. Wild in memory of her husband, A. Clement Wild, of the Class of 1899. The income from this fund is to be awarded as a scholarship by the College to a deserving student. Preference shall be given to an English exchange student or someone in a similar category.

XXXI. THE CHARLES MCCAUL FUND.—Established in 1951 by Mary N. Weatherly. One or more scholarships which shall be "awarded to students who show special interest in the field of religion and the social sciences."

XXXII. THE CAROLINE CHASE SCHOLARSHIP FUND.—Established December 10, 1951, by Caroline Chase, daughter of Thomas Chase, one-time

president of the College. This fund is an expression of Thomas Chase's "enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature."

XXXIII. THE JONATHAN AND RACHEL COPE EVANS FUND.—Founded in 1952 by the children and grandchildren of Jonathan and Rachel Cope Evans. One half of the income of this fund is to be used for scholarships.

XXXIV. THE NEW ENGLAND SCHOLARSHIP.—Established by the Haverford Society of New England for a New England boy from a New England school. In the award of this scholarship a committee, composed of alumni of the New England area, will consider character and personal qualities as well as the scholastic record and need of the applicant.

XXXV. THE ROY THURLBY GRIFFITH MEMORIAL FUND.—Established in June 1952 by Grace H. Griffith, in memory of Roy Thurlby Griffith, of the Class of 1919. The income from this fund is to be awarded as a scholarship by the College, "preference to be given to boys who have no father and who are in need of financial assistance."

### The General Scholarships

In addition to the endowed scholarships, a general scholarship fund is available. Awards from this fund will be made by the committee, the scholarships varying in size and number according to the need of the applicants.



# Curriculum

## General

HAVERFORD is a liberal arts college. Its curriculum is designed to develop in its students the capacity to learn and understand, and to make sound judgments based on knowledge and on thought. The requirements for the degree insure the exercise of these skills in each of the broad fields of human knowledge, and their subtler development in a single field of concentration.

## Bachelor's Degree

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have met the other requirements of the College, attained a general average of 70 or above for both the Junior and Senior years, and provided they have passed their Major examinations with a grade of 70 or above, are granted the Degree of Bachelor of Arts or Bachelor of Science. The degree normally conferred upon all candidates meeting these requirements is that of Bachelor of Arts. Upon request by the candidate and approval by the department concerned, however, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering.

Every student in full standing at Haverford College shall normally carry a program of five courses per semester for four years. The minimum full schedule of four courses will be approved by the Dean only under unusual circumstances. To graduate, a student must have completed successfully the work of forty semester-courses, and in addition three years of Physical Education or of non-academic courses. The courses may be classified as follows:

Required (English 11-12*) .....	2
Limited Electives (either two or four in Foreign Languages— see below) .....	14 or 16
Major Concentration (average) .....	12
Free Electives (average) .....	10 or 12
	<hr/>
Total .....	40

The award of Honors for work toward the Bachelor's degree is described on pages 126-127.

\* English 14 may be substituted for English 12.

### *Limited Electives*

To ensure breadth of distribution, every student is required to pass a certain number of courses, as indicated in each of four groups. This requirement must be satisfied before a student can be admitted to Senior standing. Exceptions may be made by agreement between the Major Supervisor and the Dean. The requirements are as follows:

1. FOREIGN LANGUAGES: One full-year course in a foreign language beyond the elementary grade. For the purpose of this requirement, all first year foreign language courses, with the exception of Greek 11, 12, are considered as of elementary grade.

(N.B. A single full-year language course, if included among those listed under the Humanities requirements below, will satisfy requirements in both Group 1 and Group 2.)

2. HUMANITIES: The requirement may be met by passing four semester courses as follows:

(a) Two semester courses from the following:

Biblical Literature 12, 13, 23.  
Humanities 21-22, 32.  
Philosophy 11, 12, 21-22, 28, 32.

(b) Two semester courses from the following:

Biblical Literature 11, 22.  
English 22, 23, 24, 25, 26, 29, 31, 32, 34, 35, 36, 40, 41-42.  
French 12, 13-14, 23-24, 25-26.  
German 21-22, 31, 32, 33, 34, 37, 38, 39.  
Greek 11, 12, 21, 22, 29.  
History of Art 21-22; Bryn Mawr 201, 203, 204, 301, 302.  
Latin 13-14, 15, 16, 23, 24.  
Music 11-12, 21-22.  
Philosophy 23 or 29; 24, 26.  
Spanish 21-22, 31-32.

3. NATURAL SCIENCES AND MATHEMATICS: The requirement may be met by passing four semester courses, two each from two of the following groups:

- (a) Biological Science 11; Biology 12 or 14; Psychology 33-34.\*
- (b) Physical Science 11, 12; Chemistry 12, 13, 14; Physics 13-14.
- (c) Astronomy 11, 12; Geology 101a, 101b\*\*; Mathematics 11, 12, or 21-22.

\* Members of the classes of 1953 and 1954 may meet this part of the requirement with Psychology 21, 22.

\*\* Geology is offered at Bryn Mawr College. In order for a student to take courses at Bryn Mawr, he must meet the requirements as stated on page 44 of this catalog.

4. SOCIAL SCIENCES: The requirement may be met by passing four semester courses selected from at least two of the following departments:

Social Science General Course; Economics; History; Political Science; Sociology.

#### *Free Electives*

A number of courses sufficient to bring the total to forty semester courses shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right, through the Faculty Adviser and the Dean, to prevent unreasonable combinations of courses, and that in the Junior and Senior years the student will choose his free electives in consultation with his Major Supervisor.

#### *Non-Academic Electives*

Three terms of Physical Education or of non-academic subjects are required of all Freshmen, Sophomores, and Juniors, as described on pages 85 and 102. These courses must be passed in addition to the 40 semester courses of academic work required for a degree.

#### *Major Concentration*

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Classical Archaeology (Bryn Mawr College), Economics, Engineering, English, French, Geology (Bryn Mawr College), German, Greek, History, History of Art (Bryn Mawr College), Italian (Bryn Mawr College), Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Russian, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 49-102. During the fourth semester of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and apply to him for written approval of a program of courses for the last four semesters. Such a program must provide for the completion, by the end of the Senior year, of approximately twelve semester courses, or the equivalent, at least six of which must be in the Major Department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major Program signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth semester. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any department may be rejected for *scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the "preliminary courses"\* of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth semester, the change can be made only with the consent of the new Major Supervisor and the Dean.

Each Senior must take a special Major comprehensive examination (written, oral, or both) during the period scheduled for such examinations. The purpose of this examination is to promote the student's comprehension, integration and application of the knowledge acquired in the field of his major concentration, and to secure evidence of this achievement. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Supervisor, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination is taken one year later, during the regular period of Major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual), and if the request is granted, the fee is \$25.

As special background for the comprehensive examination a senior shall engage in a period of study, technically called course 100, in his department of concentration during the semester preceding that examination. This period of study shall be counted as one of the five courses normally carried by the

\* "Preliminary courses" are any courses the student may already have taken in the department to which he is applying. If the applicant has not already taken any courses in that department, the department may name courses in other departments which are to be regarded as "preliminary."

student during his final semester. Evaluation of the work in course 100 may be included in the grade earned by the student in his comprehensive examination.

In case of failure in the comprehensive examination a student does not necessarily repeat the term work of course 100, but follows the application procedure for re-examination as indicated on the preceding page. A student may not take more than two re-examinations in the field of his major concentration.

Students taking Majors under the supervision of Bryn Mawr College will note that their course 100 may extend over more than one semester; if this is the case, credit for two courses at Haverford will be granted if the work in each semester of this course is satisfactory.

Examinations in courses in the Major subject taken in the last semester of the Senior year may be omitted at the discretion of the Major Supervisor.

A student who has demonstrated unusual maturity and who has special interests and abilities may be permitted to arrange an *interdepartmental major*. The program of courses, the nature of the 100 course, and the nature of the comprehensive examination for an interdepartmental major are to be worked out in advance (that is, when the major is selected) by the student, with permission of the Dean, in consultation with and subject to the approval of the chairmen of the departments concerned, one of whom will be designated as Major Supervisor for that student.

In rare cases, and only for high ranking students, a *double major* may be arranged, in which the student takes the complete major in each of two departments. In order to take a double major, a student must receive permission from the Dean as well as from the chairman of each of the departments concerned.

### Freshman Program

Each Freshman, on entering the College, is assigned to a Faculty member as Adviser. Normally, the student keeps the same Adviser until he chooses a Major near the end of the Sophomore year, when the Chairman of the Major Department becomes his Adviser. Assignment of Advisers for incoming students is made by the Dean, on the basis of the best evidence available to him. If a prospective student knows of a Faculty member whom he would like to have as Adviser, he is urged to inform the Dean of the preference before the opening of College. If, after being assigned an Adviser by the Dean, the student finds another Faculty member whom he would prefer to have as Adviser, he is urged to inform the Dean of this preference, so that, if possible, the change can be made.

Although the Faculty Adviser is instructed to advise each Freshman on a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take Social Science and one foreign language. In addition, two courses chosen from Mathematics, the Natural Sciences, History, Biblical Literature, and Philosophy make a reasonable Freshman program.

The courses open to Freshmen are numbered 11 to 20 in the section on Courses of Instruction. If he is qualified, a Freshman may be permitted by the department concerned and by the Dean to take more advanced courses.

The Department of Psychology administers a series of standard tests to all entrants within the first few days of the first semester. These tests are helpful in guidance and counselling. One function of the tests is to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading, which is offered each term, for no credit, to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed in reading.

### Preparation for Professions

A large number of Haverford College students plan, after graduation, to enter upon further courses of study. As a liberal arts college, Haverford arranges its curriculum so that students who have such plans are able to meet the entrance requirements of graduate and professional schools. The College does not, however, attempt to anticipate in its own curriculum the work of any graduate or professional school. It is the conviction of the Faculty that the best preparation for graduate work is a liberal education, with sound training in basic disciplines, to which more specialized training may later be added.

A student who intends to go to a professional school is free to choose his major in accord with his principal abilities and interests, since professional schools, such as those of business administration, law, medicine, or theology, usually accept students on the basis of merit regardless of their choice of major and, except in the case of medical schools, without specific course requirements. The requirements of most state boards of medical licensure are such that all students who hope to be admitted to a medical school must take Biological Science 11, Biology 12, Chemistry 13, 14, 25, and 26, and Physics 13-14.

Students who plan to go to professional schools should seek advice as early as possible from appropriate Faculty members as follows: business adminis-

tration, Mr. Teaf; law, Mr. Somers; medicine, Mr. Cadbury; theology, Mr. Flight or Mr. Steere.

If a student plans to do graduate work in a departmental subject, such as engineering, mathematics, history, etc., he should consult as early as possible with the chairman of the department at Haverford which most nearly corresponds to the department in which he plans to work in graduate school. This adviser will be able to guide him in his selection of courses, his choice of Major (which will not *necessarily* be in the department of his intended graduate study), and other questions which may have bearing on his future.

Law schools, medical schools, and some graduate schools require applicants to take special admission tests. Arrangements for taking these tests are the responsibility of the student concerned; he can obtain information about them from the Faculty members mentioned above, or from Mr. Pepinsky.

## Regulations

### *Conflicting Courses*

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

### *Additional Courses*

In general, Freshmen will be permitted to take only five courses. Sophomores and upperclassmen may take a sixth course only if they have passed five courses in the preceding semester with an average of not less than 80. Exceptions to this rule may be made at the discretion of the Dean in the case of Seniors. A fee of \$40 per semester is charged for every additional course.

### *Audited Courses*

A student who wishes to audit a course should obtain the permission of the instructor in charge. If he wishes the audited course to appear on his transcript, he must register for the course as an auditor, and must satisfy the instructor in the matter of attendance. No charge is made for auditing.

### *Course Changes*

Courses may be changed during the first week of each new semester. During that time students are free to make changes after consultation with their Advisers and the Dean.

Changes will not be permitted later except in cases where the student is known to be an excellent student and where he receives the consent of the professor to whose course he is changing and of his Adviser and of the Dean.

### *Special Cases*

Whenever a student gives proof of special abilities, the College is prepared to lay aside such requirements of the normal program as stand between him and the development of his gifts.

### *Grading of Students*

In determining the standing of the student, daily recitations, papers, hour examinations, and final examinations are all considered. Reports with grades and averages, are issued at the end of each semester. The minimum passing grade is 60 for each course (except course 100, see p. 38). If a student's work in a course is passing, a numerical grade is reported; if less than passing the grade is reported at the discretion of the instructor as E or F. In computing averages, a grade of E is averaged as 55, and a grade of F as 45.

Freshmen are required to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation. Students who fail to make promotion averages will normally be dropped from College.

### *Failures and Dropped Courses*

A student who receives a semester grade of E or F must repeat the course if it is required for graduation. If it is not required, he may repeat it or substitute another. The grade received for a repeated course is recorded and averaged in the year it is taken. No course may be repeated more than once; failure to pass a repeated required course will prevent a student from obtaining his degree.

In exceptional circumstances, such as illness, a student who receives a semester grade of E or F and who petitions the Dean, may be permitted by the Dean to take a special examination. A request for such an examination must be submitted to the Dean not later than two weeks after the grades have been released by the Registrar's office. If the request is granted, and the student takes a special examination, the grade in that examination will replace the grade originally earned in the mid-year or final examination in computing the final grade for that course; the new course grade will be entered on the student's transcript and the semester average will be revised accordingly.

Special examinations for courses failed in the first semester will be given immediately after the spring vacation of the year in which the failure occurred. Special examinations for courses failed in the second semester will



be given in the following September. Unless the student is ill or otherwise incapable of taking the examinations at the scheduled time, there will be no other opportunity for making up the work.

A Senior who receives a semester grade of E or F in a course taken during the second semester of his final year, and whose petition for a special examination has been granted by the Dean, will be permitted to take that examination prior to or during Commencement Week. This arrangement does not, however, apply to the comprehensive examination. (See page 38.)

Special examinations are scheduled only upon written request by the student and permission by the Dean. In the case of special examinations to be taken after spring vacation, which apply to courses failed in the first semester, the request, together with the Dean's approval, must be received by the Registrar at least two weeks before the beginning of spring vacation. In the case of special examinations to be taken in September, which apply to courses failed in the second semester, the request and approval must be filed by August 1. Late applicants are subject to a fee of \$5.00.

When a student drops a course, it will be recorded as "dropped" and averaged as 45, or in unusual cases, with the permission of the instructor in the course and the Dean, it may be recorded as "dropped without grade" and not included when the average is computed.

A course once reported to the College Office shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or summer school, or by applying a credit previously obtained.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped.

The Committee on Academic Standing is allowed some latitude in dealing with the student who fails to measure up to the Haverford standard of scholarship; however, a student is usually dropped if he fails in several courses simultaneously, or is three half-courses behind at the opening of College in September. On the other hand, the same Committee often recommends remedial training for a conscientious student who is in scholastic difficulty.

### Intercollegiate Cooperation

Because of the cooperative relationship between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of any of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group without additional expense.

Students desiring to take advantage of this arrangement must obtain the permission of the Dean. This permission will not be granted to a student whose general average for the preceding semester has been less than 80. Exceptions may be made in case the course at the other institution is necessary for the student's Major. It is the student's responsibility to register in the selected course on registration day at the institution where the course is to be given. The course should also be entered on his registration card at Haverford.

Permission for graduate students at Haverford to take courses at other institutions should be obtained from the Committee on Graduate Students. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

### Visitors and Lectures

In recent years, the College has arranged for individual departments of the Faculty to invite visitors to Haverford for varying periods of time to meet with members of the department and with students interested in that field. These departmental visitors, who sometimes give public lectures, have contributed considerably to the vitality of the work in the various departments.

This program has been greatly strengthened as a result of a generous bequest from the late William P. Philips. A substantial sum from this bequest is used to bring to Haverford "distinguished scientists and statesmen," whose visits may last anywhere from a few hours to a full academic year. On page 13 of this catalog is a list of the visitors brought to the campus under this bequest during the academic year 1952-53, together with those for whom definite arrangements have been made for the year 1953-54.

The Haverford Library Lectures and the Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature." At the weekly Collection meetings of the whole College prominent visitors talk to the student body on subjects of current interest.

The Class of 1898 Lectureship was established by that class in 1948.

## Graduate Study

### Admission to Candidacy for Master's Degree

GRADUATES OF INSTITUTIONS of standing equivalent to that of Haverford College, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. The number of graduate students to be admitted each year will be determined by the Administration, in view of the situation obtaining in the College and in individual departments in that year. A candidate for the graduate degree must show competence in one language besides English. Each applicant will be advised, on request, of the language requirements to be met in the particular department in which he wishes to carry out his specialized study.

Applications, together with transcripts, should reach the Director of Admissions not later than May 1.

*Charges.*—For charges and fees see pp. 27-28.

### Requirements

A candidate is required to pass four full-year advanced courses or their equivalent,\* each with a grade of not less than 80, and to do satisfactory additional intensive work, which may take the form of a thesis or other research, equivalent to a full course. At least two of the courses and the additional intensive work must be in the special field chosen by the candidate, and the remaining courses in allied subjects. In addition, the candidate may be required, at the discretion of the professor in charge, to pass a comprehensive examination upon the field of his special study. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. In cases where a thesis is required, the candidate must deposit two copies of his thesis in the College Library at least two weeks before Commencement.

A minimum of one year's residence is required, and a candidate, if well

\* In a full-year course, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purpose of this requirement.

prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate, a longer period of residence may be necessary, but the required work must be completed in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not generally be able to satisfy the requirements for the degree in one year.

*For a description of the special Graduate Curriculum in Social and Technical Assistance, see pp. 106-111.*

### Fellowships

Five Thomas Wistar Brown Fellowships of \$1000 each are available every year primarily for members of the Society of Friends and for the graduates of other Friends' colleges in the United States. Should any of these Fellowships be unclaimed by eligible candidates from Friends' colleges, they will be open to graduates of other colleges. These Fellowships are intended for qualified men who wish to avail themselves of a year in the Quaker environment of Haverford to pursue graduate studies in the fields of religion, philosophy, sociology, history, and kindred subjects. Each candidate and his proposed schedule of study must be approved by the Committee on Graduate Students. Holders of these Fellowships may live at Haverford or, by arrangement with the Vice-President of the College, at the community of Pendle Hill, situated a few miles from Haverford.

Applications should be accompanied by the following records: a certified list of the applicant's courses and grades as an undergraduate; three letters concerning the character, personality, financial condition, and qualifications of the applicant; a copy of the catalog of the institution in which the applicant was an undergraduate; and three copies of a small photograph. Applications and other material should be in the hands of the Vice-President and Director of Admissions before April 1 to secure consideration for the following year.

During 1953-54 the award of these Fellowships is limited to students in the Graduate Curriculum in Social and Technical Assistance.

COURSES OF INSTRUCTION

## Course Numbering

THE NUMBERING SYSTEM used in this catalog involves a two-digit number for each semester course. Courses numbered from 11 through 20 are open to Freshmen; courses numbered from 21 through 30 are open to Sophomores; courses numbered from 31 through 60 are open to Juniors; courses numbered from 61 through 80 are open only to Seniors; courses numbered from 81 through 89 are project courses open to Seniors and often also to Juniors; courses numbered from 91 to 99 are open only to graduate students; in each department the course in preparation for the comprehensive examination is numbered 100.

When two course numbers, followed by a single description, are joined by a hyphen, the course is a year course; a student who passes the first semester of such a course must normally take the second semester. When two course numbers followed by a single description are separated by a comma, the first semester may be taken without the second, though the two are normally taken together as a year course.

Unless otherwise stated, courses with uneven numbers are given in the first semester; those with even numbers in the second.

## Astronomy

THE DEPARTMENTAL WORK is designed to give students an understanding of and an interest in the universe in which they live. At all times in the course work the relation of astronomy to the other fields of learning is kept to the fore. The course progress from the elementary, through courses requiring more mathematical and physical background, to the strictly logical and critical development of a limited problem.

### Major Requirements

Astronomy 11, 12, 31, 32, 81, 82, and 100.

Four courses to be chosen from Mathematics 21-22, 31, 32, 63, and Physics 13-14, 21, 32.

Three written comprehensive examinations of three hours each.

- 11, 12. DESCRIPTIVE ASTRONOMY—*Four hours. Three class periods and one laboratory period a week.* Mr. Green.

Our knowledge of the motions, composition, organization, and evolution of the solar system, stars, and galaxies is presented, together with explanations of the methods by which this information is obtained. The laboratory work consists of visual, photographic, and spectroscopic observations of the sun, moon, planets, stars, and nebulae. These observations are treated as illustrations of the theory of optical instruments and the theory of measurement.

Offered annually.

- 21, 22. READING COURSE IN STELLAR ASTRONOMY—Mr. Green.

Systematic reading in stellar astronomy from an established list of recent books and research articles. *Astronomy 21* may be taken in either semester. Prerequisite: *Astronomy 11, 12.*

Offered in 1953-54.

31. ASTROPHYSICS—*Three class periods a week.* Mr. Green.

An introduction to spectroscopy, quantum mechanics, and statistical mechanics leads to the study of ionic and molecular equilibria in the atmosphere of the stars, in the diffuse nebulae, and in interstellar space. Prerequisite: *Physics 13-14* and *Mathematics 21-22*; Junior or Senior standing. Semester course.

Offered annually.

32. ASTROPHYSICS—*Three class periods a week.* Mr. Green.

The transfer of radiation in stellar atmosphere, the internal constitution of the stars, and the sources of stellar energy. Prerequisite: *Physics 13-14* and *Mathematics 21-22*; Junior or Senior standing. Semester course.

Offered annually.

81, 82. SPECIAL TOPICS IN ASTROPHYSICS—*Three class periods a week.*  
Mr. Green.

The content of this course may vary from year to year to suit the needs of advanced students. It may be repeated for credit. Prerequisite: Considerable maturity in Mathematics, Physics, and Astronomy, such as *Mathematics 63*, *Physics 21*, and *Astronomy 31*; Senior standing. Semester course.

Offered annually.

## Biblical Literature

THE COURSES in this Department are intended to give opportunity for study of our literary, moral, and religious heritage from the cultures which flourished in the Eastern Mediterranean lands where the roots of our civilization lie.

Those courses which are specifically Biblical in content are directed toward appreciation and understanding of Old and New Testaments and Apocrypha, their history, meaning, and interpretation. These courses cover broadly the historical backgrounds, literary qualities, and enduring religious values in these works of creative genius. Course 11, a survey of the whole Bible, is recommended as properly introductory to this field. Courses 12, 13, and 22, somewhat more advanced, place emphasis respectively upon the growth of religious ideas, the beginnings of the Christian movement, the literary history and art of the Bible, and its influence upon English and other literatures. Conference courses offer opportunity for intensive work by individual students on problems of archaeological, historical, or religious interest. Course 30 affords study of the broad background of the great early culture-centers of the Near East, where the first significant steps toward civilization were taken, many of whose achievements have come down in unbroken line into our western civilization. Finally, a course in comparative religion (Biblical Literature 23) is designed to acquaint the student with the nature and significance of religion in various cultures of our modern world.

### Major Requirements

Six half-year courses in Biblical Literature, and Biblical Literature 100.

Six other half-year courses in either Biblical Literature or related departments, such as English, History, Philosophy, Psychology, Sociology.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible, and the religious and moral life of the Hebrews, Jews, and Christians.



11. INTRODUCTION TO THE BIBLE—*Three periods a week.* Mr. Flight.  
Literary history of the Biblical books; problems of origins, growths, interpretation, literary and religious values. Semester course.  
Offered annually.
12. DEVELOPMENT OF CHRISTIAN THOUGHT—*Three periods a week.*  
Mr. Flight.  
Exploration of selected problems and principles of Christian living, with reference to their backgrounds and their meaning and application to contemporary life. Prerequisite: *Biblical Literature 11, 13, or 23.* Semester course.  
Offered annually.
13. THE RISE OF CHRISTIANITY—*Three periods a week.* Mr. Flight.  
A study of the background, early development, and spread of the Christian movement, up to the third century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and in the writings of the Church Fathers. Semester course.  
To be offered in 1953-54 and alternate years.
22. THE ENGLISH BIBLE—*Three periods a week.* Mr. Flight.  
(Also called *English 22.*)  
History and literary art of the English Bible, particularly the King James version, and its influence on English and other literature. Not open to Freshmen. Semester course.  
To be offered in 1953-54 and alternate years.
23. COMPARATIVE RELIGION—*Three periods a week.* Mr. Flight.  
A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals. Not open to Freshmen. Semester course.  
Offered in 1952-53 and alternate years.
30. ANCIENT HISTORY OF THE NEAR EAST—*Three periods a week.* Mr. Flight.  
(Also called *History 30.*)  
The beginnings of Western civilization in the cultures of the Near East; archaeological and historical. Not open to Freshmen. Semester course.  
Offered in 1952-53 and alternate years.
- 81 or 82. SPECIAL TOPICS—ADVANCED SEMINAR—*Three periods a week.*  
Mr. Flight.  
Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history. Prerequisite: A grade of 85 or more in one course in the Department. Limited to six students. May be repeated for credit with change of content. Semester course.  
Offered annually.

## Biology

THE COURSES in Biology are planned to meet the needs of the general student, as well as those of the specialist. Since man is himself a living organism, knowledge of the generalizations derived from studies of living organisms is reasonably to be considered part of the equipment of every educated man.

The careers opening from a background of undergraduate biology courses are: (a) medicine, dentistry, and veterinary medicine, all of which require some undergraduate biology—a field of endeavor which may be termed *biological correction*; (b) positions in wild life and fish and game services, forestry, agriculture, animal husbandry—a field which may be termed *biological control*; (c) positions in museums and other research and curatorial capacities which may be termed *biological investigation*; (d) teaching.

Beginning with the basic course, Biological Science 11, sequences can be planned leading through the various other courses to advanced individual work in Botany, in Ecology, in Entomology, and in Vertebrate Zoology or Vertebrate Anatomy. Such advanced work should be elected and registered as Biology 81, 82.

### Major Requirements

The minimum Major requirements consist of Biological Science 11, Biology 12, 14, 31-32 plus three other semester-courses in Biology. Any work in Biology 81, 82 is to be additional to the minimum.

Four semesters of work in at least two other fields of science, in courses to be approved by the Department after consultation.

Reading and reporting on some fifteen approved books, to be done at any time between the end of the Sophomore year and the comprehensive examination at the end of the Senior year.

Comprehensive examination, partly written and partly oral, near the end of the Senior year. The grade on this and the reported reading will be entered under the heading of Biology 100.

11. BIOLOGICAL SCIENCE 11.

(See General Courses, p. 68.)

12. GENERAL ZOOLOGY—*Four hours. Two class periods and two laboratory periods a week.* Mr. Henry.

This is a strict course in structure and classification. The objective is a knowledge of the diversity of the animal kingdom and the methods employed in investigating and dealing with that diversity. The lectures will deal with the principles and practice of classification, the laboratory with the evidences for the structural basis for the classification. Required of all Biology Majors and of all premedical students. Prerequisite: *Biology Science 11*. Semester course. Offered annually.

14. BASIC BOTANY—*Three hours. Two class periods and one laboratory period a week.* Mr. Henry.

This course has been designed to extend the knowledge of general principles gained in *Biological Science 11* to the distinctive characteristics of plants. Structure, physiology, and classification are considered with particular attention to the special relationship of plants and plant activities to human welfare. Required of all Biology Majors. Prerequisite: *Biological Science 11* Semester course.

Offered annually.

- 21-22. VERTEBRATE MORPHOLOGY (Anatomy and Embryology)—*One class period and two laboratory periods a week.* Mr. Dunn.

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the development, status, and history of the organ systems of vertebrates. Prerequisite: *Biology 12*. Year course.

Offered annually.

25. ADVANCED BOTANY—*Two class periods and one laboratory period a week.* Mr. Henry.

The work of this course consists of the identification of representative flowering plants, together with the study of their taxonomy, distribution, and economic importance. The preparation of a local collection is encouraged. Prerequisite: *Biology 14*. Semester course.

Offered annually.

- 31-32. EVOLUTION, HEREDITY, AND OTHER GENERAL BIOLOGICAL PROBLEMS—*Three class periods a week.* Mr. Dunn.

This course is intended not only for students of Biology, but for all who wish to be informed on recent developments in the field of biology, especially students of sociology, philosophy, and history. Special emphasis is given to the modern theories of evolution and of heredity. Prerequisite: Junior standing. Year course.

To be offered in 1953-54 and alternate years.

- 33-34. ENTOMOLOGY—*Two class periods and one laboratory period a week.* Mr. Henry.

The lectures and reading in this course furnish a background for the study of the physiology and anatomy of insects. The value of a knowledge of insects to man is stressed in both lectures and laboratory work. The preparation of a local collection is encouraged. Prerequisite: *Biology 12*. Year course.

Offered annually.

- 61-62. FUNDAMENTALS OF SYSTEMATICS—*Three hours.*

Given at the Philadelphia Academy of Sciences. Open only to Seniors, with consent of the Department. Year course.

81, 82. PROJECT COURSES—*Three hours.* Mr. Dunn and Mr. Henry.

Open only by permission of the instructor.

Offered annually.

## Chemistry

THE PROGRAM of courses in chemistry is planned for the purposes of sound education rather than technical training. When taken in proper sequence they afford a developing knowledge of chemistry as a rational science. Fundamental principles are stressed but sufficient experimental and other factual material is introduced to render these principles clear and to illustrate their applicability. Emphasis is placed upon precision of observation, measurement, and statement, and upon the application of the inductive-deductive method of scientific development, with the aim of making the study of chemistry of general educational value.

A Major in chemistry who intends to undertake graduate study in Chemistry should include in his program courses 24, 31, 32, 63, 64 and 65, together with German 13-14, Mathematics 21-22, and Physics 13-14. This is in accord with the level of accomplishment recommended by the American Chemical Society, which has placed Haverford on its approved list. Course 81 or 82, giving some insight into the aims and methods of original research, is also desirable. For the courses in chemistry needed for premedical preparation, see pages 40-41.

Students whose scholastic record prior to entrance indicates a satisfactory proficiency in elementary chemistry may enter the more advanced course, Chemistry 13, directly from high school. Others desiring work in chemistry will take Physical Science 11 and Chemistry 12 in preparation for Chemistry 13.

### Major Requirements

Chemistry 13, 14, 23, 25, 26, 28 (or 31, 32), two additional advanced courses, and 100.

Physics 13-14.

The comprehensive examination will cover the general field of the chemistry courses listed above.

Majors will meet with members of the Staff for one period per week during the second semester of their Senior year for a critical discussion of the chemical principles studied in the courses and the application of these principles to modern developments in the science.

Candidates for Final Honors in Chemistry will pursue, during the Junior and Senior years, a course of reading and conference in which history of chemistry, philosophy of science, and recent advances in chemistry are emphasized. The Honors program should be arranged with the Major Supervisor at the beginning of the Junior year.

12. **ELEMENTARY CHEMISTRY**—*Four hours. Three class periods and one laboratory period a week.* Mr. Benfey.

A study of the fundamentals of chemistry, the preparation, properties, and uses of the more common elements and their compounds, and the application of general principles of chemistry to industrial processes. Prerequisite: *Physical Science 11*. Semester course.

Offered annually.

- 13, 14. **INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS**—*Four hours. Three class periods and one laboratory period a week.* Mr. Meldrum, Mr. Jones, and Mr. Benfey.

Lectures and recitations dealing with the fundamental principles of chemistry, solutions of nonelectrolytes and electrolytes, the ionic theory and its application to analytical processes and electrolytic phenomena, the periodic law, radiations, and the theories of atomic and molecular structure and their applications in chemistry. The systematic qualitative analysis of inorganic materials by the semimicro method will be emphasized in the laboratory. Prerequisite: *Chemistry 12* or high school chemistry and consent of the instructor. Semester courses.

Offered annually.

23. **QUANTITATIVE ANALYSIS**—*Four hours. Two class periods and two laboratory periods a week.* Mr. Meldrum.

Lectures and laboratory work dealing with the general principles of gravimetric, volumetric, electrolytic, and colorimetric methods of analysis. Prerequisite: *Chemistry 14*. Semester course.

Offered annually.

24. **ADVANCED QUANTITATIVE ANALYSIS**—*Three hours. One class period and two laboratory periods a week.* Mr. Meldrum.

Lectures and conferences dealing with general methods for the quantitative determination of the elements and the analysis of industrial materials. The laboratory work includes the complete quantitative analysis of certain inorganic materials. Prerequisite: *Chemistry 23*. Semester course.

Offered annually.

- 25, 26. **ORGANIC CHEMISTRY**—*Four hours. Three class periods and one laboratory period a week.* Mr. Jones, first semester, and Mr. Meldrum, second semester.

A study of aliphatic, aromatic, and heterocyclic compounds. In the laboratory, experiments illustrating the synthesis and chemical properties of such substances are carried out. Prerequisite: *Chemistry 14*. Semester courses.

Offered annually.

28. ELEMENTARY PHYSICAL CHEMISTRY—*Three class periods a week.* Mr. Cadbury.

A lecture and conference course dealing particularly with those phases of physical chemistry which find application in physiology, physiological chemistry, and biological sciences. Among the topics emphasized are: gases and solutions, hydrogen ion concentration and pH and their measurement, reaction velocity and catalysis, enzyme action, adsorption, and colloids. Prerequisite: *Chemistry 23*. Semester course.

Offered annually.

- 31, 32. PHYSICAL CHEMISTRY—*Four hours. Three class periods and one laboratory period a week.* Mr. Cadbury, first semester, and Mr. Benfey, second semester.

A study of the general properties of matter, using both the kinetic and thermodynamic methods, colligative and electrolytic properties of solutions, reaction velocity and catalysis, adsorption, colloids, and the phase rule. The laboratory work involves illustrative physico-chemical measurements. Prerequisite: *Chemistry 23*, *Mathematics 21-22*, and *Physics 13-14*; Junior standing. Semester courses.

Offered annually.

61. ADVANCED INORGANIC CHEMISTRY—*Three class periods a week.* Mr. Jones.

Lectures and conferences dealing with advanced phases of inorganic chemistry, such as atomic structure, modern concepts of valence, isotopes and radio-activity and their application in research, Werner's complexes, intermetallic compounds, and metal hydrides. Prerequisite: *Chemistry 23*, *26*, and *Physics 13-14*; Senior standing or consent of the instructor. Semester course.

Offered annually.

63. ADVANCED ORGANIC CHEMISTRY—*Four hours. Two class periods and two laboratory periods a week.* Mr. Benfey.

A study of the principles involved in qualitative organic analysis and the application of electronic theories to selected chemical systems. The laboratory work involves the identification of organic substances by classification reactions and by the preparation of derivatives. Prerequisite: *Chemistry 26*; Senior standing or consent of the instructor. Semester course.

Offered annually.

64. ORGANIC SYNTHESIS—*Four hours. Two class periods and two laboratory periods a week.* Mr. Jones.

A study of stereochemistry, organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry with emphasis upon general reaction mechanisms. Syntheses of an advanced nature constitute the laboratory work. Prerequisite: *Chemistry 63*; Senior standing or consent of the instructor. Semester course.

Offered annually.

65. QUANTITATIVE ANALYTICAL METHODS—*Three hours. One class period and two laboratory periods a week.* Mr. Jones.

Lectures and laboratory work dealing with micro, semimicro, instrumental and other special methods of quantitative analysis. Prerequisite: *Chemistry 23 and 26*; Senior standing or consent of the instructor. Semester course.

Offered annually.

- 81 and 82. CHEMICAL RESEARCH—*Three conferences a week.* Mr. Meldrum and Staff.

Open only to Seniors and to Graduate students in chemistry. May be elected as one or more courses. Prerequisite: *Chemistry 26, and 28 or 32.* May be taken in either semester with the consent of the instructor; may be repeated for credit with change of content. Semester courses.

Offered annually.

84. SPECIAL TOPICS IN THEORETICAL CHEMISTRY—*Three conferences a week.* Mr. Meldrum and Staff.

Open only to Seniors and to Graduate students in chemistry. Semester course.

Offered annually.

## Economics

THE WORK in Economics is intended primarily to develop in students an understanding of the working of modern economic society, to give practice in the interpretation of economic data, to arouse an informed interest in public affairs, and to lay the basis for the formation of intelligent judgments in the field of economic policy. The introductory courses are designed to give the basic understanding of economic processes and of economic organization that should be part of a liberal education. The advanced courses also are offered as part of a program of liberal education, but are designed to meet, at the same time, the needs of men going on to graduate work in economics or business administration or directly into business. Several of the advanced courses should be of special value to men planning to enter the foreign service, other government work, journalism, or law. In the advanced courses emphasis is placed on the use of source materials and on research methods in economics, and students gain experience in the preparation of analyses and reports.

Men expecting to major in Economics are advised to take Social Science 11-12 in the Freshman year. It will also be helpful to take Mathematics 11-12 and, later, Mathematics 23.

## Major Requirements

Economics 21, 22, 31, 37, 52, one of the three courses: 71, 72 or 74, 100, and two other semester courses in Economics. Mathematics 23 (Introduction to Statistics) may be considered as one such semester course. Economics 100 consists of a reintegration of the study of economics with related social sciences through selected readings on the development of economic thought and on current problems with informal discussion of the issues raised.

Social Science 11-12 and two other approved semester courses in the social sciences, mathematics, or psychology.

A comprehensive examination which normally includes a written examination, an oral examination, and the preparation of a research memorandum.

### 21. ECONOMIC GROWTH AND WELFARE IN A FREE SOCIETY—*Three periods a week.* Mr. Hunter and Mr. Bell.

A study of the main features of modern economic life in the United States, including the resource base and technological setting, the institutions, organization, and functioning of capitalism, and alternative economic systems. The course is aimed at providing students with an understanding of such current economic problems as inflation, unemployment, the banking system and the public debt, and the scope and nature of government action in the economic sphere. Prerequisite: *Social Science 11-12*. Semester course.

Offered annually.

### 22. THE PRICE SYSTEM IN OPERATION—*Three periods a week.* Mr. Hunter and Mr. Bell.

A study of the manner and extent to which the basic economic questions of what is to be produced, how it is to be produced, and for whom it is to be produced are solved by the pricing system. Special emphasis is placed on current operation of the price system in agriculture, industry, public utilities, and international trade; on control of prices through monopoly or government action; and on how these basic economic problems are solved under economic systems different from that of the United States. Prerequisite: *Social Science 11-12* and *Economics 21* or permission of the instructor.

Offered annually.

Economics 21 and 22 are designed as a year course; together they present the basic elements for an understanding of current economic problems. Students who are planning further work in economics or other social sciences are encouraged to take both semesters.

### 31. MONEY, BANKING, AND ECONOMIC STABILITY—*Three periods a week.* Mr. Bell.

A study of the principles of money, banking, and credit, and their relationship to the level of economic activity in the United States. The first part of the course includes a discussion of the nature of money and monetary standards, and



of commercial and central banking. This is followed by consideration of the business cycle, with special reference to control over the money supply, the spending of liquid balances, and the interaction of national monetary systems. Prerequisite: *Economics 21*.

Semester course. Offered annually.

32. CONSERVATION OF NATURAL RESOURCES—Mr. White.

(See *Geography 32*.)

33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.

(See *Sociology 33*.)

34. SOCIAL SECURITY—Mr. Somers.

(See *Political Science 34*.)

36. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.

(Also called *Sociology 36*.)

A study of the fundamentals of the employer-employee relationship, such as wages, hours, security; the functioning of labor organizations and government; the purposes and methods of collective bargaining. Special emphasis is placed on methods of resolving industrial conflict. Prerequisites: *Economics 21*. Semester course.

Not to be offered in 1953-54.

37b. ACCOUNTING—*Three periods a week*. Mr. Bell.

The course is divided into two parts. The first covers elementary theory, uses, and techniques of accounting, including discussion and problems on the comparative balance sheet and statement of profit and loss, the theory of double entry, the journal and ledger, adjustments and work sheet, closing the books, and special problems related to corporation accounts, such as reserves and funds and the handling of surplus. The second part of the course covers problems in accounting theory, such as classification, timing, and valuation under stable and fluctuating price levels, and the bearing of these on management problems and on economic analysis. Prerequisite: *Economics 21*. Semester course.

Offered annually.

38. THE CORPORATION—*Three periods a week*. Mr. Hunter.

An analysis of the economic and legal organization of modern corporations; their relation to security holders and securities markets; statutory regulation of their financial activities; economic aspects of internal decision-making problems; and evaluation of their impact on modern society. Prerequisite: *Economics 37*. Semester course.

To be offered in 1954-55 and alternate years.

39. INDUSTRIAL MARKET ORGANIZATION AND PUBLIC POLICY—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 39*)

An analysis of industrial market organization and governmental regulation of market practices. The history of anti-trust policy is reviewed and selected recent cases are discussed. Other topics include trade associations, cartels, basing-point pricing, and governmental price control. Opposing views on proper public policy are discussed and evaluated. Prerequisites: *Economics 22*. Semester course. Offered annually.

41-42. THE SOVIET SYSTEM—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 41-42.*)

An analysis of the structure and functioning of major Soviet economic, political, and social institutions. Current arrangements are studied as products of historical development; attention is given to trends and prospects. The topics examined include: the background of the 1917 Revolutions; the rise of Stalin and evolution of total government; forced industrialization and collectivization of agriculture; the development of Soviet social organization; factors explaining Soviet survival in World War II; the main features of postwar recovery and stabilization; an inventory of Soviet strengths and weaknesses. Prerequisites: One year of Economics, Political Science or Sociology. Year course. Offered annually.

52. GOVERNMENT FINANCE—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 52.*)

An analysis of major issues in the field of government revenues and expenditures. Topics considered include standards for government expenditures, principles of equity in taxation, use of the budget to stabilize economic activity, political and economic problems in the implementation of public policy. Prerequisite: *Economics 21, 22*. Semester course.

To be offered in 1954-55.

53-54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—*Three periods a week.* Mr. Bell.

(Also called *Political Science 53-54.*)

An examination of the major factors which condition international relations, with special emphasis on political and economic elements. Study the first term includes consideration of certain aspects of economic geography, technology, and populations in the world today; the concept of nationalism and the impact of the nation-state on such a world; the requirements thus implied for international relations; and selected elements in relations among states prior to World War I which are relevant to current problems, including mercantilism, balance of power, free trade and investment, the gold standard, experiments in international cooperation, and imperialism. The first third of the second term is devoted to the interwar period and the impact of economic imbalance, restrictions, depression,

and the League of Nations. The remainder of the term is spent on analysis of specific current problems in different areas of the world. Prerequisites: In 1953-54 *Economics 21-22* or *Political Science 22*; thereafter, *Economics 21* and *Political Science 22*. Year course.

Offered annually.

71. PROBLEMS OF DOMESTIC STABILITY AND GROWTH—*Three hours a week*. Mr. Tinbergen.

Advanced study of selected issues in domestic economic policy relating to fiscal and monetary measures for balancing the needs of growth, stability, flexibility, security, and freedom. In 1953-54 the central topic will be the theory and practice of planning. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the entire class. Prerequisites: In 1953-54, *Economics 21-22* and permission of the department. Semester course. Offered annually.

72. PROBLEMS OF INTERNATIONAL STABILITY AND GROWTH. *Three hours a week*. Mr. Bell.

Advanced study of current problems in international economic relations, including trade and commercial policy, financial organization and the foreign exchanges, and international investment and economic development. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the whole class. Prerequisites: *Economics 53-54*. Semester course. Offered annually.

74. PROBLEMS OF BUSINESS ORGANIZATION—*One three-hour period a week*. Mr. Teaf.

Advanced study of the organization of modern complex societies for industrial production and commerce. Problems involving relationships within firms and among firms; issues raised by activities of labor organizations and of government. Students will have an opportunity to concentrate on one or more aspects of a very broad field, according to their interests. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course for individual students or for the entire class. Prerequisite: *Economics 38* or *39*. Semester course.

Offered annually, beginning in 1945-55.

## Engineering

THE OBJECTIVE of the Engineering Department of Haverford College is to prepare students in the fundamentals of engineering by giving them training in the sciences and engineering, together with a broad liberal arts background

under the influence of the philosophical and religious atmosphere available to all Haverford students.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

Engineering 33 and 34 may be counted as courses in Physics for the purpose of satisfying any curricular requirements.

### Major Requirements

Engineering 11, 12, 21, 22, 31, 32, 33, 34, 100, Engineering Seminar (a two-year, non-credit requirement), Mathematics 21-22, Physics 13-14, and two half-year courses in Chemistry.

Courses in Mathematics, Physics and Chemistry will be considered preliminary courses as defined on page 38.

11. PRINCIPLES OF ENGINEERING, DRAWING AND SHOP METHODS—  
*Three laboratory periods a week.* Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week are devoted to instruction and practice in the methods and conventions of making engineering drawings and sketches. One period weekly is spent in the machine shop working principally on screw-cutting lathes. Two inspection trips. Text: Giesecke, Mitchell & Spencer, *Technical Drawing, and Technical Drawing Problems*. Semester course.

Offered annually.

12. ENGINEERING DRAWING, SURVEYING, AND SHOP METHODS—*Three laboratory periods a week.* Mr. Hetzel and Mr. Wilson.

Additional work on detail and assembly drawings; study of uniform and logarithmic graphs; solution of typical engineering problems and orientation discussion of the various branches of engineering. Occasional meeting with visiting engineers. Exercises in plane surveying during the last eight weeks in the spring. Machine-tool work on lathe, shaper and milling machine, one period weekly. Inspection trips. Text: Taylor, *Elementary Surveying*. Prerequisite: *Engineering 11*. Semester course.

Offered annually.

21. KINEMATICS OF MACHINES—*One class period and two laboratory periods a week.* Mr. Holmes.

Velocity and acceleration analysis of mechanisms; cams, belts, chains, gears, etc.

Inspection trips. Text: Keown and Faires, *Mechanism*, and Hall and Azpell, *Mechanism Problems*. Prerequisite: *Engineering 11* or consent of the instructor. Semester course.

Offered annually.

22. ANALYTICAL MECHANICS—*Three class periods a week*. Mr. Holmes.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments or inertia. Text: Seely and Ensign, *Analytical Mechanics for Engineers*. Prerequisite or parallel course: *Mathematics 21-22*. Semester course.

Offered annually.

31. MECHANICS OF MATERIALS—*Two class periods and one laboratory period a week*. Mr. Holmes.

A study of stress and strain, beams and columns shafting, girders, combined stresses, etc. Inspection trips. Text: Singer, *Strength of Materials*. Prerequisite: *Mathematics 21-22* and *Engineering 22*. Semester course.

Offered annually.

32. THERMODYNAMICS—*Three class periods a week and occasional laboratory periods*. Mr. Holmes.

Energy, gas laws, vapors; mixtures of gases and vapors; theoretical and actual thermodynamic cycles for power and refrigeration. Text: Hawkins, *Thermodynamics*. Not open for Freshmen and Sophomores. Prerequisite: *Physics 13-14*. Semester course.

Offered annually.

33. ELEMENTS OF ELECTRICAL ENGINEERING—*Four hours. Three class periods and one laboratory period a week*. Mr. Hetzel and Mr. Wilson.

Electrical and magnetic circuits, electrical measurements, theory and performance of direct-current machinery and distribution systems are studied by text assignments and problems, lecture and class discussion, and laboratory experiments. Prerequisite: *Physics 13-14*, *Mathematics 21-22*. Semester course.

Offered annually.

34. ELEMENTS OF ELECTRICAL ENGINEERING—*Four hours. Three class periods and one laboratory period a week*. Mr. Hetzel and Mr. Wilson.

This course deals with alternating-current circuits and machinery: single phase and polyphase circuits, transformers, generators, motors, transmission and distribution systems, instruments, control systems, and an introduction to electronics. Prerequisite: *Engineering 33*. Semester course.

Offered annually.

63, 64. ELECTRONICS—(See Physics 63, 64.)

### 81, 82. SPECIAL PROJECTS

Required of candidates for High and Highest Honors in Engineering but open to all students with the necessary prerequisites after consultation with the Instructor. Students in Engineering are encouraged to do individual work in some special field of investigation.

The following field of study are suggested:

FLUID MECHANICS. Mr. Holmes.

Prerequisite: *Mathematics 21-22 and Physics 13-14.*

DESIGN OF MACHINE ELEMENTS. Mr. Holmes.

Prerequisites: *Mathematics 21-22, Engineering 22, 31.*

INTERNAL COMBUSTION ENGINES. Mr. Hetzel.

Prerequisite: *Physics 13-14.*

Offered annually.

## English

THE ENGLISH DEPARTMENT offers the opportunity to study significant formulations of the human spirit in the English language and to give oral and written expression with respect to these works of literature. It furthermore provides opportunity for and instruction in written communication of ideas and information, and the creation of fiction.

Many students who choose to major in English intend to pursue some aspect of the subject professionally: to proceed to graduate school, to teach literature, or to undertake a literary career. The program of the Department provides preliminary education for all these purposes. The study of English literature is recommended likewise to those students who wish to acquire a knowledge of their literary heritage, or to gain an acquaintance with the use of the English language, before entering a non-literary profession, such as law, government service, the ministry, medicine, or business. The Department welcomes such students.

English 11-12 is required of all Freshman in the college; this course, or its equivalent, is a prerequisite to all further work in the Department English 11-12 provides tutorial instruction in writing and an introduction to the study of literature.

Intermediate courses, numbered in the 20's, 30's and 40's, are open to all students in the college who have met the prerequisites. The Department offers courses in periods of literature, in a single author, and in selected works. These intermediate courses are graded in difficulty from the 20's

through the 40's. A sequence of courses is arranged for English majors, with concentration on the literature of the Sixteenth and the Nineteenth centuries.

Courses numbered in the 60's and 80's are presented primarily for Senior English majors.

The attention of slow readers is called to the remedial work in reading offered by the Department of Psychology.

### Major Requirements

Twelve semester courses, to be arranged in consultation with the Chairman of the Department.

The following courses are required for the Regular Major in English: 23, 31, 32, 34, 40, two 60 courses (or one 60 course and one 80 course), 100.

Students who wish to choose a Broad Major may substitute Humanities 21-22, or English 41-42, for English 34 and 40.

The remaining four semester courses are to be chosen either from the Department of English or closely related fields, upon consultation with and permission of the Chairman of the Department. The student is given the opportunity to fit this portion of his major program to his individual needs, subject to the discretion of the Department.

The attention of students who intend to undertake work for the Ph.D. in English is called to the requirement, set by many graduate schools, of proficiency in Latin, French and German.

A student who wishes to work for Honors in English should apply to the Chairman of the Department during the first semester of his Junior year.

11-12. READING AND WRITING ON HUMAN VALUES—*Three periods a week with an added period of Public Speaking for one semester.* Messrs. Ashmead, Friederich, Quinn, Woodroffe and Wishmeyer. Public Speaking in charge of Mr. Snyder.

Tutorial instruction in writing.

Readings in the Humanities, centered on values in Western Civilization. Weekly writing, based on reading program. Two class meetings and one tutorial meeting weekly. One semester Public Speaking. Year course.

14. READING AND WRITING ON HUMAN VALUES—*Three periods a week.* Mr. Ashmead.

Double credit (i.e., two semester credits).

Offered as an alternative to English 12 to selected students. This course includes all the reading, writing, and tutorial of English 12, with additional reading equivalent to another semester's work.

Requirement: Permission of the instructor.

22. THE ENGLISH BIBLE—Mr. Flight.  
(See *Biblical Literature* 22.)

23. SHAKESPEARE—*Three periods a week.* Mr. Sargent.  
Reading and study of twelve plays, with emphasis on features of general and popular interest. Prerequisite: Sophomore standing. Semester course.  
Offered annually.
24. CONTEMPORARY DRAMA—*Three periods a week.* Mr. Snyder.  
A study of the techniques and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Prerequisite: Sophomore standing. Semester course.  
Offered annually.
25. AMERICAN LITERATURE TO THE CIVIL WAR—*Three periods a week.*  
Mr. Snyder.  
Prerequisite: Sophomore standing. Semester course.  
Offered annually.
26. AMERICAN LITERATURE FROM THE CIVIL WAR TO WORLD WAR I—  
*Three periods a week.* Mr. Snyder.  
Prerequisite: Sophomore standing. Semester course.  
Offered annually.
27. INTERMEDIATE COMPOSITION AND ORAL DISCUSSION— *Three periods a week.* Mr. Snyder.  
Practice in expository writing and in the techniques of public discussion. Limited to twelve students. Semester course. May be repeated for credit.  
Offered annually.
29. GREEK LITERATURE IN ENGLISH—Mr. Post.  
(See *Greek* 29.)
31. NINETEENTH-CENTURY POETRY—*Three periods a week.* Mr. Snyder.  
A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions. Prerequisite: Junior standing. Semester course.  
Offered annually.
32. NINETEENTH-CENTURY PROSE—*Three periods a week.* Mr. Friedrich.  
Lectures, discussions, and reading. Prerequisite: Junior standing. Semester course.  
Offered annually.
34. LITERATURE OF THE ENGLISH RENAISSANCE—*Three periods a week.* Mr. Sargent.  
Poetry, prose and drama: chiefly devoted to Sidney Spenser, Marlowe, Johnson,



Bacon, Donne and Webster; excluding Shakespeare. Prerequisite: *English 23*. Semester course.

Offered annually.

35. EIGHTEENTH-CENTURY LITERATURE—*Three periods a week*.

Novel and Drama. Prerequisite: Junior standing. Semester course.

Not offered in 1952-53.

36. EIGHTEENTH-CENTURY LITERATURE—*Three periods a week*.

Dr. Johnson and his Club (*Boswell's Life of Johnson*); the chief poets: Pope Gray, and Burns; *Ossian*. Prerequisite: *English 35*; Junior standing. Semester course.

Not offered in 1952-53.

37. CREATIVE WRITING—*Three periods a week*. Mr. Sargent.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Prerequisite: Junior standing. Semester course. May be repeated for credit.

Offered annually.

40. BRITISH AND AMERICAN LITERATURE OF THE TWENTIETH CENTURY—*Three periods a week*. Mr. Ashmead.

Fiction and verse by selected writers from Sherwood Anderson and E. M. Forster to Auden and Hemingway. Prerequisite: Two semester courses in English beyond the Freshman year. Semester course.

Offered annually.

41-42. GENERAL COURSE IN ENGLISH LITERATURE—*Three hours a week*. Mr. Quinn.

A study of ten to twelve major works in the field of English and American literature (e.g. Chaucer's *Troilus and Criseyde*, Milton's *Paradise Lost*, Boswell's *Life of Johnson*, Joyce's *Ulysses*, Eliot's *Waste Land*) for full understanding, as examples of significant experience and points of view. Prerequisite: Junior standing. (*Humanities 21-22* is advised, though not required, as a prerequisite). Year course.

Offered in 1952-53.

61. SPECIAL TOPICS IN NINETEENTH-CENTURY LITERATURE—*Three hours a week*. Mr. Friedrich.

Studies in the development of nineteenth-century thought as expressed in English literature. Seminar reports and discussions; each student submits three critical essays. Prerequisite: *English 32* and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.

Offered annually.

62. SPECIAL TOPICS IN POETRY—*Three hours a week.* Mr. Snyder.  
 Browning's Poems. Also treatises on poetic theory from Aristotle to Whitman. Prerequisite: *English 31* and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.  
 Offered annually.
63. TOPICS IN SHAKESPEARE—*Three hours a week.* Mr. Sargent.  
 Critical study of plays not read in *English 23*. Three reports and one piece of original investigation. Prerequisite: *English 23* and *34*, and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.  
 Offered annually.
81. PROJECTS IN AMERICAN LITERATURE—*Weekly conferences.* Mr. Ashmead.  
 Chiefly devoted to American Literature of the Eighteenth and Nineteenth centuries. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English 25* or *26*. (This requirement may be met by taking one of these courses concurrently with 81.) Limited to nine students. Priority to Senior English majors.
82. PROJECTS IN TWENTIETH-CENTURY LITERATURE—*Weekly conferences.* Mr. Sargent.  
 Both British and American Literature of the Twentieth century. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English 40*. (This requirement may be met by taking *English 40* concurrently with *English 82*.) Limited to nine students. Priority to Senior English majors.

## General Courses

- BIOLOGICAL SCIENCE 11. GENERAL PRINCIPLES OF BIOLOGICAL SCIENCE—  
*Four hours. Three class periods and one laboratory period a week.* Mr. Dunn and Mr. Henry.

The object of this course is to impart to the student some knowledge and appreciation of the generalizations which have resulted from the study of living organisms. An outline of these generalizations and of their historical origin will be given in the lectures of the course. The discussion group periods will be utilized for clarification and testing. In the laboratory period opportunity will be afforded to utilize those methods of study, and to verify those generalizations which can be brought into the confines of a college laboratory.

Offered annually.

- HUMANITIES 21-22. INTERPRETATION OF LIFE IN WESTERN LITERATURE  
 —*One two-hour seminar, and one tutorial period a week.* Mr. Gutwirth, Mr. Woodroffe, and Mr. Wishmeyer.

Study in their entirety of selected literary works which are great imaginative presentations of attitudes toward life. The course spans Western culture from Homer to the present, and the readings are drawn from all the major literatures of the West, in the best available translations. Stress is laid on student involvement issues raised by these books; consequently, the class work is handled entirely by the discussion method. Prerequisite: *English 11-12*; Sophomore standing. Year course.

Offered annually.

PHYSICAL SCIENCE 11, 12. GENERAL PHYSICAL SCIENCE—*Four hours. Three class periods and one laboratory or discussion period a week.* Mr. Green.

This course is concerned with the nature and presuppositions of scientific method, the status of present-day physical science, and the relationship of science to the rest of our culture. In the first semester it tries to illuminate these subjects by a study of some aspects of the development of our knowledge of fundamental chemistry, the planetary system, mechanics, and electricity. In the second semester attention is directed to the nature of light, the theory of relativity, the rise of the quantum theory of matter, and nuclear structure.

30. SOCIAL SCIENCE 11-12. GENERAL COURSE IN SOCIAL SCIENCE—*Three periods a week.* Messrs. Reid, Campbell, Gordon, Kaplan, and Reitzel.

The purpose of this course is to acquaint the student with the appropriate techniques of the social sciences and to stimulate thinking about significant social issues. Major importance is attached to the analysis of specific evidence in the social sciences and its significance for an understanding of social behavior. The first semester is devoted to inquiry into the factors which shape human behavior and social institutions. This inquiry forms the basis for the development of informed judgments on contemporary social issues to be analyzed in the second semester. Year course. *Social Science 11-12 is a prerequisite for all courses in Economics, Political Science, Psychology, and Sociology.*

Offered annually.

## Geography

32. CONSERVATION OF NATURAL RESOURCES—*Three periods a week.* Mr. White.

Analysis of the basic principles of conservation of land, water and mineral resources as they relate to social policy. Field study in selected areas. Prerequisite: *Economics 22 or Sociology 33 or Political Science 22.* Semester course.

Offered annually.

## German

THE MAIN OBJECTIVE of German study is the acquisition of the language as a means of access to the civilization of which it is the medium. The courses are planned and conducted with the aim of enabling the individual

student to fulfill most effectively his prospective needs. Hence provision is made for acquiring a practical speaking knowledge of the language as well as the ability to read it for postgraduate research, for which in many fields it is indispensable, and for an appreciation of German literature.

German 11-12, 13-14, 15-16, and 23 are primarily language courses. The remaining courses are devoted largely to the history of German literature from the earliest times to the present, and to the intensive study of special periods and eminent authors.

The collateral reading required in German 13-14 and German 15-16 is in literary or scientific works, as the student chooses.

Opportunity is given to students who complete German 11-12 or German 13-14 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

It is possible and in some cases highly desirable for a Major in German to take his Junior year abroad in one of the supervised intercollegiate Junior Year programs.

### Major Requirements

German 21-22, 23, 31, 33, and 100.

Supporting courses to be arranged in conference with the Major Supervisor.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

11-12. ELEMENTARY GERMAN—*Three periods a week.* Mr. Kelly, Mr. Pfund, and Mr. Steer.

Grammar, conversation, and the reading of simple texts. Year course.

Offered annually.

13-14. INTERMEDIATE GERMAN—*Three periods a week.* Mr. Kelly, Mr. Pfund, and Mr. Steer.

Texts of moderate difficulty are read both in class and as outside work. Composition and conversation. Prerequisite: *German 11-12* or the equivalent. Year course.

Offered annually.

15-16. ADVANCED GERMAN—*Three periods a week.* Mr. Pfund.

Reading of standard works of German literature. Composition and conversation. Prerequisite: *German 13-14* or the equivalent. Year course.

Offered annually.

- 21-22. LESSING, GOETHE, SCHILLER—*Three hours a week.* Mr. Kelly.  
Prerequisite: *German 15-16* or the equivalent. Seminar. Year course.  
Offered annually.
23. ADVANCED COMPOSITION AND CONVERSATION—*Three periods a week.*  
Mr. Pfund.  
Readings in modern German literature, including works of contemporary writers, make up the subject matter of this course. Its objective is, accordingly, literary as well as linguistic. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Not offered in 1953-54.
31. GERMAN ROMANTICISM—*Three hours a week.* Mr. Kelly.  
A study of the Romantic movement in Germany and its relations to English and French Romanticism. Prerequisite: *German 15-16* or the equivalent. Seminar in part. Semester course.  
Not offered in 1953-54.
32. THE GERMAN DRAMA OF THE NINETEENTH CENTURY—*Three periods a week.* Mr. Kelly.  
Prerequisite: *German 15-16* or the equivalent.  
Not offered in 1953-54.
33. HISTORY OF GERMAN LITERATURE FROM ITS ORIGINS TO THE SEVENTEENTH CENTURY—*Three periods a week.* Mr. Pfund.  
Lectures in German, with collateral reading in modern German. Translation, discussion, written and oral reports. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Offered in 1953-54 and alternate years.
34. HISTORY OF GERMAN LITERATURE FROM THE SEVENTEENTH CENTURY TO THE PRESENT—*Three periods a week.* Mr. Pfund.  
A survey course with lectures in German. Collateral reading, discussions, written and oral reports. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Offered in 1953-54.
- SEMINAR COURSES—*Three hours a week:*  
Prerequisite: At least one course beyond *German 15-16*.
36. GERMAN LYRIC POETRY—Mr. Pfund.  
Offered in 1953-54.

37. FAUST—Mr. Pfund.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

Not offered in 1953-54.

38. RICHARD WAGNER—Mr. Kelly.

A study of Wagner's music dramas and theoretical writings, with special reference to their place in the history of ideas.

Offered in 1953-54.

81 or 82. *Three hours a week.* Mr. Kelly and Mr. Pfund.

Individual work in various fields of German culture, such as literary theory, Baroque literature, and contemporary literature. Prerequisite: Satisfactory completion of at least one course in the Department beyond *German 15-16*. May be repeated for credit with change of content. Semester course.

Offered annually.

## Greek

THE WORK in Greek can be modified to suit the needs of individual students. The elementary course provides some insight into the culture of the ancient Greeks, and into linguistic problems generally, besides leading to a knowledge of Greek adequate for the reading of the Gospels and of easy classical authors. More advanced courses are intended for students with an interest in history, philosophy, or literature; the authors read are studied for their value in these fields. Students are encouraged, to the extent of their capacity, to develop an imaginative understanding of art, philosophy, and science as forces in human life. The special contribution of the Greeks in these fields will be assessed and its significance in European history and in current education will be noted. A knowledge of Greek is a great asset in many fields of graduate study.

### Major Requirements

Greek 31, 32, and four half-year courses selected in consultation with the Major Supervisor; Greek 100.

Three additional courses to be arranged in conference with the Major Supervisor.

If Greek 21, 22 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history, and Greek civilization.

11, 12. ELEMENTARY GREEK—*Three periods a week.* Mr. Post.

Thorough study of the elements of the language followed by the reading of simple prose. This course should be taken in the Freshman year, if possible. Year course.

Offered annually.

21, 22. INTERMEDIATE GREEK—*Three periods a week.* Mr. Post.

A rapid reading course in such authors as Homer, Euripides and Plato. Prerequisite: *Greek 11, 12* or the equivalent. Semester courses.

Offered annually.

29. GREEK LITERATURE IN ENGLISH—*Three periods a week.* Mr. Post.

(Also called *English 29.*)

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Prerequisite: Sophomore standing. Semester course.

Offered annually.

31, 32. ADVANCED GREEK—*Three periods a week.* Mr. Post.

Selections from Thucydides, Menander, Aristophanes, and the tragedians are read. Prerequisite: *Greek 21, 22.* Semester courses.

Offered annually.

61, 62. ADVANCED GREEK—*Three periods a week.* Mr. Post.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, literature, or composition in connection with the reading of Greek authors. May be repeated for credit with change of content. Prerequisite: *Greek 31, 32.* Semester courses.

Offered annually.

## History

THE COURSES IN HISTORY are designed to give some conception of the development of the civilizations which exist in Europe and in the United States today. Since history is the story of what men have done, it is related to every other field in the curriculum, but the limitation of time forces a selection of those aspects of human activity which can be treated in any course. An attempt is made to give a reasonably rounded view of those developments which are deemed most important in the period under consideration as a background for understanding other subjects in the fields of the humanities and the social sciences. With a variation of emphasis in each course, caused in part by the nature of the growth of civilization in the period and in part by the amount and the kind of historical evidence which has survived, attention is given to such phases of development as the political, constitutional, social, economic, religious, and intellectual. History 11-12 is intended to be an introductory course, and, although it is not a prerequisite for the election of any other course in the Department, it is recommended for

those who major in History.

The study of history provides a background against which current problems of internal and external policies may be viewed to advantage. It also helps to develop critical standards for the evaluation of evidence which can often be applied in forming opinion with regard to the solution of such problems. Finally, it is useful as a foundation for professional studies not only in history but also in such subjects as public administration, journalism, and law.

### Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 11-12 and History 13-14; History 100.

Two full-year courses or their equivalent in related departments.

Four written examinations of three hours each

11-12. INTRODUCTION TO WESTERN CIVILIZATION—*Three periods a week.*  
Mr. MacCaffrey.

A study of Western European civilization from the fall of Rome to the present. The course will be concerned with the development of major political, social, and economic institutions from feudalism to the modern state, with the history of Latin Christianity in its various forms, and with the major intellectual currents in Western Europe history. Firsthand materials as well as secondary historical accounts will be the basis for conference discussion. Open to Freshmen and Sophomores. Year course.

Offered annually.

21-22. FOUNDATIONS OF THE UNITED STATES, 1492-1865—*Three periods a week.* Mr. Drake.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen. Year course.

Offered annually.

23-24. MEDIEVAL HISTORY—*Three periods a week.* Mr. MacCaffrey.

A survey of European development from the fall of Rome to about 1500. A combination of lectures and discussion. Reading will emphasize both secondary accounts and source materials. Political, intellectual, and economic developments as well as the history of the Latin Church will be included in the course. Elective for Sophomores who have had History 13-14, and for Juniors and Seniors without prerequisite. Year course.

Offered in 1953-54 and alternate years.

25-26. MODERN EUROPEAN HISTORY—*Three periods a week.* Mr. MacCaffrey.

European development from about 1500. Elective for Sophomores who have



had *History 11-12*, and for Juniors and Seniors without prerequisite. Year course. To be offered in 1954-55 and alternate years.

27. GREEK HISTORY—*Three periods a week*. Mr. H. Comfort.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required. Not open to Freshmen. Semester course.

Offered in 1953-54 and alternate years.

28-29. ROMAN HISTORY—*Three periods a week*. Mr. H. Comfort.  
(See *Latin 27-28*.)

30. ANCIENT HISTORY OF THE NEAR EAST—*Three periods a week*. Mr. Flight.  
(See *Biblical Literature 30*.)

31-32. NATIONAL DEVELOPMENT OF THE UNITED STATES, 1865 TO THE PRESENT—*Three periods a week*. Mr. Drake.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors. Year course.

Offered annually.

33-34. ENGLISH POLITICAL AND CONSTITUTIONAL HISTORY—*Three periods a week*. Mr. MacCaffrey.

A survey of British historical development from the coming of the Anglo-Saxons to the present. Although primarily political and constitutional, the course will include consideration of major intellectual and social trends. Extensive reading both in sources and secondary works will form the basis for conference discussion. Open to Juniors and Seniors. Year course.

Offered in 1953-54 and alternate years.

35-36. THE MIDDLE PERIOD OF BRITISH HISTORY—*Three periods a week*.  
Mr. MacCaffrey.

A study of British history from about 1450 to about 1750. The rise of the modern British state, the Renaissance and Reformation in the British Isles, expansion overseas, and the rise of English empiricism will be among the topics included. Open to Juniors and Seniors. Year course.

To be offered in 1955-55 and alternate years.

## History of Art

UNDER the co-operative arrangement between the Colleges, Haverford students who wish to take advanced courses in History of Art may do so at Bryn Mawr College. The introductory course is given at Haverford.

21-22. INTRODUCTION TO THE HISTORY OF ART—*Three periods a week.*  
Mr. Bernheimer.

This course deals with the history of Western art from its beginning in ancient Greece to modern times, with emphasis upon the Christian periods. It is conceived as a history of human values in terms of the visual forms in which they have been cast. The course parallels *Humanities 21-22*. In order to bring out the human significance of art, religious and philosophical ideas are discussed as they influenced the form and subject matter of art.

An introductory section deals with aesthetic principles and their application in the fields of painting, sculpture, and architecture. The purpose of the course is threefold: to widen the student's comprehension of past attitudes and beliefs so that he will be better able to understand his own; to enlarge his range of aesthetic appreciation; and to give him the technical knowledge required for further studies in the history of art. Not open to Freshmen. Year course.

Offered annually.

## Latin

THE LATIN DEPARTMENT offers instruction in the language, literature and civilization of the Roman people. Knowledge of the Latin language is fundamental to an understanding and proper use of the English and Romance languages; familiarity with the Latin classics is an indispensable background for the Western European literary tradition; and the history and civilization of Rome provide an explanation of, and parallels to, many pressing contemporary political, economic, social, and religious problems.

Principal emphasis is laid upon meeting the Roman legacy through the medium of the Latin language; but for those whose knowledge of Latin is too limited for this purpose, Latin 27-28 offers an opportunity to do so from the historical approach.

### Major Requirements

Four full-year courses (except Latin 11-12), some of which may be taken at Bryn Mawr College; Latin 100. The Latin Department reserves the right to exclude Latin 13-14, in individual cases, from consideration as fulfilling a part of the Major requirements.

Four additional semesters in other departments, to be arranged in conference between the student and the Major Supervisor.

A written comprehensive examination. Candidates for Honors must pass an oral examination also.

11-12. ELEMENTARY LATIN—*Three periods a week.* Mr. H. Comfort.

A rapid introduction to basic Latin grammar and vocabulary, leading to the reading of a classic Latin author. Year course.

Offered annually.

13-14. LATIN LITERATURE—*Three periods a week.* Mr. H. Comfort.

For students offering two or three years of preparatory Latin. Review of grammar and vocabulary; reading in Vergil and other authors. Year course.

Offered annually.

15, 16. LATIN LITERATURE—*Three periods a week.* Mr. H. Comfort.

For students offering *Latin 13-14* or four years of preparatory Latin. Reading of Roman comedy, and of authors of Republic and the Augustan Age. Semester courses.

Offered annually.

23, 24. INDIVIDUAL TOPICS IN LATIN LITERATURE—*Three periods a week.*

Mr. H. Comfort.

Systematic study of one or more aspects of Latin literature and Roman life. Prerequisites: at the discretion of the Latin Department. May be repeated for credit with change of content.

Offered annually, either semester.

27-28. ROMAN HISTORY—*Three periods a week.* Mr. H. Comfort.

(*Also called History 28-29.*)

A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing. Year course.

To be offered in 1954-55 and in alternate years.

## Mathematics

THE AIMS of courses in Mathematics are: (1) to promote rigorous thinking by exhibiting a systematic, deductive, intellectual discipline; (2) to explain the role which Mathematics has played in the development of the culture of our age; (3) to foster technical competence in Mathematics as an aid to the better comprehension of the physical, biological, and social sciences.

Freshman Mathematics emphasizes mathematical ideas rather than techniques of computation. It is designed as a terminal course for the non-specialist who plans to take only one year of Mathematics as well as the beginning course prerequisite to further work in the Department.

The more advanced courses cover work in the fields of analysis, algebra, geometry, and statistics. The student majoring in the Department extends his studies into all of these areas; he may prepare for teaching in preparatory school, for graduate study leading to college teaching or industrial research, or for statistical and actuarial work.

The sequence in analysis and algebra, Mathematics 21-22, 31, 32, 33, 34,

63, is especially suited to the needs of the physical sciences, while Mathematics 23 and 38 deal with those concepts of statistics and probability which are fundamental to the biological and social sciences.

### Major Requirements

Mathematics 11, 12, 21-22, 31, 32, 33, 34, 35, 40, 63, 82 and 100.

Recommended collateral courses are Physics 13-14, 32, 61, 62, or, for prospective actuaries, Economics, 21-22, 37.

Prescribed parallel reading on the history and general principles of mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required for Final Honors.

It is recommended that facility in reading French and German be acquired as early in the college course as possible.

- 11, 12. FRESHMAN MATHEMATICS—*Four periods a week.* Mr. James, Mr. Johnson, Mr. Oakley, and Mr. Wilson.

An introductory course designed to present the fundamental concepts of modern Mathematics and to give numerous applications of these concepts to practical problems in the natural and social sciences. Topics included are: logic and the nature of mathematical proof, the number system, statistics and probability, functions and graphs, plane analytic geometry, and elementary calculus. Year course.

Offered annually.

- 21-22. CALCULUS—*Three periods a week.* Mr. James and Mr. Johnson.

Differential and integral calculus, with applications. Prerequisite: *Mathematics 11, 12.* Year course.

Offered annually.

23. INTRODUCTION TO STATISTICS—*Three periods a week.* Mr. Johnson.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and computing laboratory. Prerequisite: *Mathematics 11, 12.* Semester course.

Offered annually.

31. DIFFERENTIAL EQUATIONS—*Three periods a week.* Mr. Oakley.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite: *Mathematics 21-22.* Semester course.

Offered annually.

32. ADVANCED CALCULUS—*Three periods a week.* Mr. James.

Advanced topics in calculus, including infinite series, elliptic integrals, partial

- derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite: *Mathematics 21-22*. Semester course.  
Offered annually.
33. THEORY OF EQUATIONS—*Three periods a week*. Mr. James.  
Advanced topics in the theory of equations; introduction to modern abstract algebra. Prerequisite: *Mathematics 21-22*. Semester course.  
To be offered in 1954-55 and alternate years.
34. VECTORS AND MATRICES—*Three periods a week*. Mr. James.  
The algebra of vectors, vector spaces, and matrices, with applications to mathematical physics. Prerequisite: *Mathematics 21-22, 33*. Semester course.  
To be offered in 1954-55 and alternate years.
35. ADVANCED ANALYTIC GEOMETRY—*Three periods a week*. Mr. Oakley.  
Advanced plane and solid analytic geometry. Homogenous coordinates. Introduction to the geometry of n-dimensions. Prerequisite: *Mathematics 21-22*. Semester course.  
To be offered in 1955-56 and alternate years. Replaced by *Mathematics 91* as a major requirement in 1953-54.
38. MATHEMATICAL STATISTICS—*Three periods a week*. Mr. Oakley.  
Theoretical presentation of the mathematical background of elementary statistics and probability. Prerequisite: *Mathematics 21-22, 23*. Semester course.  
Offered in 1953-54 and alternate years.
40. DIFFERENTIAL GEOMETRY—*Three periods a week*. Mr. Oakley.  
The differential geometry of curves and surfaces. Introduction to vector and tensor analysis. Prerequisite: *Mathematics 21-22, 35*. Semester course.  
Offered in 1953-54 and alternate years.
- 61, 62. INTRODUCTION TO MATHEMATICAL PHYSICS—Mr. Benham and Mr. Sutton.  
(See *Physics 61, 62*.)
63. INTRODUCTION TO ANALYSIS—*Three periods a week*. Mr. James.  
Rigorous treatment of fundamental ideas in analysis; real and complex numbers, functions, limits, continuity, differentiation, and integration. Applications to Fourier Series and differential equations. Prerequisite: *Mathematics 31, 32*. Semester course.  
Offered annually.
82. SPECIAL TOPICS—*Three hours a week*. Members of the Department.  
Seminar course involving wide reading in the literature, and presentation of

papers for group discussion. The content varies from year to year to suit the needs of advanced students. Semester course.

Offered annually.

91. TOPOLOGY—*Three hours a week.* Mr. Tucker.

A study in two and three dimensions of the geometry of mere continuous and connected structure, emphasizing intuitive, pictorial and combinatorial properties; topological classification of surfaces, coverings and Riemann surfaces, map-coloring; three-dimensional manifolds, products, fibre bundles; continuous functions and mappings, vector fields, singular and fixed points; applications to complex variables and integration. No prerequisite, but *Mathematics 21-22* would be helpful. Semester course.

Offered in 1953-54.

## Music

THE COURSES offered in Music have as their objective (1) the stimulation of the creative energies of the student through musical composition, and (2) the development of an understanding of music through the study of history and important writings on musical subjects, as well as through the analysis of musical compositions from all periods. In furthering and strengthening the discipline of music the College has no intention of training musicians by conservatory methods. The intention is rather to form enlightened workers in the field of music. Experience has shown that students in the fields of composition and musicology can be effectively aided by the joint offerings of Haverford, Bryn Mawr, and the University of Pennsylvania. At Haverford the program seeks to stimulate free composition in the vocal and instrumental forms with a view to public performance by professionals of the better works.

The College does not grant academic credit for training in voice, or the playing of instruments.

### Major Requirements

Three full year courses in music and six semester courses or their equivalent from such related fields of the Humanities, History of Art, Languages and Science as may be approved by the Department.

The Major comprehensive examination will consist of:

1. An examination in the history of music.
2. The presentation by the candidate of a musical composition in one of the larger instrumental forms, or a vocal work. In cases where the candidate has not been sufficiently trained in musical composition, the examination may be confined to music history. In such cases the candidate's work is expected to be at a high musicological level.
3. A small composition to be completed during the examination period.

11-12. ELEMENTARY MUSIC THEORY—*Three periods a week.* Mr. Reese.

This course deals with the general foundations of the musical language—scales, intervals, rhythm, formation of melodic patterns and their notation—and includes elementary chord formation (introduction to harmony). Ear training is an important adjunct throughout the course.

21-22. ADVANCED HARMONY AND COUNTERPOINT—*Two class periods and one laboratory period a week.* Mr. Swan.

No sharp line is drawn between harmony and counterpoint. Students will be free to select the method of harmonization, provided they can show a knowledge of both vertical and horizontal construction. Starting with the exercises in two- and three-part writing the student will proceed to the composition of short pieces, scoring them for strings or voices. (A piano exposition is also permissible.) The work is done individually, the class periods being used for the discussion of common problems. Prerequisite: *Music 11-12*, or its equivalent.

31-32. SEMINAR IN ADVANCED MUSICAL COMPOSITION AND HISTORY  
—*One period a week.* Mr. Swan.

The seminar is intended for the demonstration of the work in composition of the advanced students and music majors. The larger forms of composition are discussed from the point of view of musico-historical problems. Each student is expected to choose one or two periods in music history in which he will do concentrated work.

## Philosophy

THE COURSES in Philosophy are intended first of all to acquaint students with the major currents of interpretation and reflection upon the recurring problems, such as the nature of man, the nature of the universe, the nature of the processes by which man apprehends and responds to that universe. Since these problems underlie the work of literature and furnish it with many of its most basic themes; since they underlie the presuppositions of political, sociological, and economic thought; since they reappear in the frame in which every thoughtful scientist works and affect not only the use to which his results will be put, but his very method, just as his methods have influenced in turn the formulation of the problems, the study of philosophy is an important tool in connection with work in any of these fields.

In the second place the courses in philosophy are designed to assist in integrating material presented in literature, history, the social and physical sciences, in art, and in religion in order to assist the student in drawing together what he has learned, and in approaching a more responsible, intentional, and intelligent world view with which to confront life.

The courses are so planned as to require such orientation as would be

secured in either Philosophy 11 (which examines in an elementary way the great problems man confronts) or Philosophy 21-22 (which deals with these same problems as it presents the great classical philosophical thinkers chronologically) before proceeding to the more specialized philosophical disciplines such as ethics, aesthetics, logic, political philosophy, philosophy of science, philosophy of religion, and to more specialized studies of certain philosophical thinkers.

### Major Requirements

Philosophy 12, 21-22, 63-64 and two other half year courses in Philosophy. Philosophy 100.

Four half-year courses in related fields to be arranged in conference with the Major Supervisor.

A comprehensive examination in two parts; three hours on the history of philosophy and three hours on one optional field selected from topics in philosophy since 1800, or religious thought.

11. INTRODUCTION TO PHILOSOPHY—*Three periods a week*, Mr. Steere, Mr. Foss and Mr. Parker.

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems. Semester course.

Offered annually.

12. ETHICS—*Three periods a week*. Mr. Foss and Mr. Parker.

A study of (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures, and papers. Prerequisite: One semester-course in Philosophy. Semester course.

Offered annually.

- 21-22. HISTORY OF PHILOSOPHY—*Three periods a week*. Mr. Foss and Mr. Parker.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers; reports, lectures, and class discussions. Not open to Freshmen. Year course. Offered annually.

23. CLASSICS OF RELIGIOUS LITERATURE—*Three periods a week*. Mr. Steere.

A study which will include such books as Augustine, *Confessions*; Bernard of



Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers of St. Francis of Assisi*; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Francis de Sales, *Introduction to the Devout Life*; Pascal, *Thoughts*; John Woolman, *Journal*; Soren Kierkegaard, *Purity of Heart*; Von Hügel, *Letters*; George Tyrell, *Autobiography*. Semester course.

Offered in 1953-54.

24. HISTORY AND PHILOSOPHY OF QUAKERISM—*Three periods a week.* Mr. W. W. Comfort.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen. Semester course.

Offered in 1953-54.

26. AESTHETICS—*Three periods a week.* Mr. Foss.

A study of the philosophical principles underlying the creative and appreciative aspects of art. Prerequisite: One semester-course in Philosophy. Semester course. Not offered in 1953-54.

27. LOGIC—*Three periods a week.* Mr. Parker.

The principles of valid inference and their application to reasoning in everyday life, and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

Offered annually.

28. PHILOSOPHY OF RELIGION—*Three periods a week.* Mr. Foss.

A study of the basic problems which the field of religion presents to a thoughtful mind. Prerequisite: One semester-course in philosophy. Not open to Freshmen. Semester course.

Offered in 1953-54.

29. SOME ASPECTS OF RELIGIOUS LIFE AND LITERATURE SINCE THE REFORMATION—*Three periods a week.* Mr. Steere.

Luther and German Protestantism; Thomas More and the Erasmus Tradition in England; Ignatius of Loyola and the Society of Jesus; Theresa of Avila and Spanish Mysticism; Lancelot Andrews and 17th Century Anglican Piety; Isaac Penington and the corporate mysticism of the Quakers; John Wesley and the Evangelical Revival; John Frederic Oberlin and the rural apostolate; John Henry Newman and the Oxford Movement; Albert Schweitzer as critic of contemporary civilization; William Temple and the ecumenical movement; Evelyn Underhill and the "Life of the Spirit in the Life of Today"; Rufus M.

Jones and the religious situation of our time. Lectures, reports, class discussions. Students who have taken *Philosophy 23* will be admitted to this course only with permission of the instructor. Semester course.

Not Offered in 1953-54.

32. NINETEENTH CENTURY THINKERS—*Three periods a week*. Mr. Steere.  
Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Semester course.

33. PHILOSOPHY OF SCIENCE—*Three periods a week*. Mr. Benfey.  
Designed mainly for science Majors. A study of the development of scientific thought, the nature of scientific knowledge and methods, and the mutual influence of science and society. Prerequisite: Two years of natural science, and *Philosophy 11* or *21-22* or *27*, or consent of the instructor. Semester course.  
Not offered in 1953-54.

34. RECENT AND CONTEMPORARY PHILOSOPHY—*Three periods a week*.  
Mr. Parker.  
A study of some of the outstanding recent and contemporary philosophical movements in Europe and America. Prerequisite: *Philosophy 21-22*. Semester course.  
Offered in 1953-54.

36. HISTORY OF CHINESE THOUGHT—*Three periods a week*. Mr. Bodde.  
A survey of the major philosophical thinkers from Confucius until modern times, with emphasis on the evolution of their thinking as an integral part of the total historical development of Chinese civilization. Special attention is paid to those ideas which, because of their persistence, may fairly be regarded as dominant in the traditional Chinese world-view. Whenever possible these are compared with characteristic thought patterns in the West, or are related to the modern Chinese scene. Lectures, discussions, and papers. Semester course.  
Offered in 1952-53.

- 63-64. PHILOSOPHICAL SEMINAR—*Three hours a week*. Mr. Steere and Mr. Foss.  
Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for Seniors majoring in Philosophy and for Graduate students. Prerequisite: *Philosophy 21-22*; Majors unless by special arrangement. Limited to ten students. Year course.  
Offered annually.

- 65-66. THE DEVELOPMENT OF POLITICAL THOUGHT—*Three hours a week*.  
Mr. Steere.  
A seminar course based upon the writings of selected political philosophers from Plato to the present day. Prerequisite: *Philosophy 11* or *21-22*; one semester

of Political Science; otherwise by consent of the Department. Limited to sixteen students. Year course.

Not offered in 1953-54.

81, 82. PROJECT COURSES—Individual consultation; supervised independent reading and research. Mr. Steere, Mr. Foss, and Mr. Parker.

## Physical Education

COURSES in Physical Education are arranged in accordance with the plan for all-year physical training in the Freshman, Sophomore, and Junior years. The aim of this plan is to make possible active participation in athletics for the majority of students at Haverford College, with emphasis on the sports with carry-over value. Each student is required to take, during his first three years, nine terms (fall, winter, spring) of Physical Education or of certain non-academic courses (see p. 101), with a minimum of six terms in Physical Education: three in the Freshman year, two in the Sophomore year, and one in the Junior year.

A thorough medical and physical examination is given to each student upon entrance. Only those students whose physical condition is satisfactory will be permitted to take part in athletics. A tuberculin test is given to all Freshmen, followed by an x-ray if necessary, as part of this required examination. A swimming test is given to all entering students following the physical examination. This test must be passed by all students before graduation. Swimming instruction is given in the gymnasium pool during the early fall and late spring.

The outdoor facilities include: Walton Field for football and track, with a 440-yard oval and a 220-yard eight lane straight-away cinder track; the Class of 1888 and Merion fields for soccer, both of which are used for baseball and softball in the spring; a skating pond; Cope Field for cricket; an athletic field presented by the Class of 1916; a baseball field presented by the Class of 1922, used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923. There are four dinghies available during the spring and fall for those who wish to sail.

The indoor facilities are all included in the Gymnasium. The basement contains dressing rooms, showers, a swimming pool, a wrestling room, and a training room. Through the generosity of the Class of 1928, it has recently been possible to provide additional locker and dressing facilities, a new storage room for athletic equipment, and a laundry and drying room. A regulation basketball court is on the main floor and is used for Varsity and

Junior Varsity basketball, the interclass and intramural program, and for instruction in Physical Education. Adjoining this floor are dressing facilities for instructors, coaches and officials, and rooms for the administration of medical and physical examinations. A special section for corrective and body-building work, an indoor track, a trophy room, and the administrative offices are located on the second floor.

## Physics

COURSES in Physics are intended to acquaint students with fields of knowledge important to our civilization, to train them in analytical thinking, to give them an appreciation of scientific methods, and to help them gain first-hand experience and insight into the methods of experimental investigation.

Students of chemistry, engineering, mathematics, medicine, physics or other sciences will find the foundation offered by General Physics (Physics 13-14) indispensable. Physics 13-14 is ordinarily taken in the Sophomore year after Mathematics 11-12 or Physical Science 11 and 12, but Freshmen with adequate preparation may be admitted after consultation.

For the student with professional aims in science, the Department offers courses leading to a Major in Physics which should equip a man to enter graduate school or industry on a favorable footing. Sound knowledge of mathematics is essential. Ability to understand and use the calculus is assumed in most of the advanced courses. The Department desires to cultivate in its Major students independence of thought and initiative at progressive levels of maturity; to that end, a sequence of courses following Physics 13-14 has been arranged, culminating in Physics 81, 82. The latter offers opportunity to conduct an extended individual investigation with training in the mastery of theory and experiment, and with emphasis upon independence and the ability to express oneself clearly both orally and in writing on the subject of investigation. Physics 81, 82 is not, however, limited to students majoring in Physics; it may be elected by others after consultation.

Physics 21 is open to qualified students who seek a broad understanding of modern concepts of matter and radiation. Physics 33-34 and 61, 62 are recommended to students of chemistry, mathematics, and engineering who plan to do graduate work.

### Major Requirements

*Physics 13-14, 33-34, 81, 82, 100, and two semesters selected from 61, 62, 63 or 64, constitute the minimum requirement of courses in this Department. In addition, Physics 21 and 32 are recommended.*

Mathematics 11, 12, 21-22, and 31.

History of physics (collateral reading) in course 100.

A written comprehensive examination in two parts: (a) on general physics and history treated comprehensively; (b) on an extended, open-book problem designed to test each individual's ability to correlate his knowledge. In addition, an oral examination is expected of candidates for Honors. The granting of Honors in Physics is based upon excellence (an average of 85 or better) in course work, particularly in Physics 81, 82, and evidence of accomplishment beyond the usual course requirements.

Students who desire to combine a Major in Physics with advanced work in some other related department may do so by special arrangement between the two departments concerned. In such cases, a program is mapped out with some modification of the requirements normally expected of a Major in a single department.

13-14. GENERAL PHYSICS—*Four hours. Three class periods and one laboratory period a week.* Mr. Sutton, and Mr. Benham.

This is the basic course for work in physics, engineering, chemistry or other sciences. Mechanics, sound, heat, electricity, and light are studied with the help of problems, laboratory experiments, lecture demonstrations, and discussion. This course is commonly taken in the Sophomore year, but qualified Freshmen are admitted after consultation. Algebra and trigonometry are essential and the methods of calculus are frequently employed. Freshmen must offer four years of high school mathematics and a year of high school physics or chemistry, and should take *Mathematics 11, 12 or 21-22* concurrently. Sophomores who have passed *Mathematics 11, 12 or Physical Science 11 and 12*, or both, will be admitted. Year course.

Offered annually.

21. ATOMIC PHYSICS—*Three hours. Three class periods a week and occasional laboratory periods.* Mr. Sutton.

A course of lectures, experiments, discussion and readings emphasizing the experimental development of modern physics from the discovery of electrons and x-rays to recent problems of nuclear structure and the interaction of matter and radiation. Many of the more theoretical aspects are reserved to *Physics 62*. Prerequisite: *Physics 13-14*, or consent of the instructor. Semester course.

Offered annually.

22. PHYSICAL OPTICS—*Three hours. Three class periods a week and frequent laboratory periods.* Mr. Sutton.

A study of the principles of physical optics covering systematically such fields as refraction, diffraction, interference, and polarization, with an introduction to Maxwell's equations. Prerequisite: *Physical Science 11, 12, or Physics 13-14*.

Not offered in 1953-54.

32. MECHANICS—*Three class periods a week.* Mr. Sutton.

Analytical mechanics, treating the statics, kinematics, and dynamics of particles

and rigid bodies. Discussion and problems on the application of calculus, differential equations and vector methods to mechanical systems, including an introduction to Lagrange's equations and the special theory of relativity. This course and *Physics 61, 62* are complementary. Prerequisite: *Physics 13-14* and *Mathematics 21-22; Mathematics 31* must be taken previously or concurrently. Semester course.

Not offered in 1953-54.

- 33-34. ELECTRICITY AND MAGNETISM—*Four hours. Three class periods and one laboratory period a week.* Mr. Benham.

A course of lectures, readings, and laboratory experiments designed to familiarize the student with precision electrical measurements, Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacitance, inductance, alternating current, and the laws of the electromagnetic field. Prerequisite: *Physics 13-14* and *Mathematics 21-22; Mathematics 31* must be taken previously or concurrently. Year course.

Offered annually.

61. INTRODUCTION TO MATHEMATICAL PHYSICS—*Three class periods a week.* Mr. Sutton.

(Also called *Mathematics 61.*)

Readings and problems on selected topics in classical mathematical physics, aimed to develop appreciation of theory and skill in the use of mathematical tools for the solution of physical problems and in the interpreting of mathematical consequences physically, with emphasis upon the fuller understanding of differential and integral processes and the development of vector methods. Prerequisite: *Physics 13-14* and *Mathematics 31*. Semester course which, when linked with *Physics 62* or *Astronomy 31* or *32*, offers a year of theoretical physics, but qualified students may take either semester of *Physics 61* or *62* alone.

To be offered in second semester in 1953-54.

62. MATHEMATICAL METHODS IN MODERN PHYSICS—*Three class periods a week.* Mr. Sutton.

(Also called *Mathematics 62.*)

Readings and problems in electron physics, the theory of atomic and nuclear structure, wave mechanics and related fields. Prerequisite: *Physics 13-14* and *Mathematics 31; Physics 21* and *61* are also recommended but not required. Semester course.

Not offered in 1953-54.

63. ELECTRONICS—CIRCUIT THEORY. *Four hours. Three class periods a week and one laboratory period.* Mr. Benham.

This course includes the study of resonant circuits, coupled circuits, filter networks and impedance matching. Laboratory experiments are designed to

give the student experience in the relation of theory to practice. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.  
Offered annually.

64. ELECTRONICS—VACUUM TUBE CIRCUITS. *Four hours. Three class periods a week and one laboratory period.* Mr. Benham.

Electron theory, study and application of vacuum tubes, and problems pertaining to design and analysis of typical circuits employing them. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.

Offered annually.

81, 82. PHYSICS SEMINAR—*Three hours. One meeting a week and individual study and laboratory work.* Mr. Sutton and Mr. Benham.

Individual work in selected fields of investigation. Each student pursues comprehensive reading and sustained experimental work on a problem. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation. Each student becomes familiar with problems other than his own and gains experience in presenting his own work. Students who major in Physics are expected to take two semesters, but the course is not restricted to Major students. Qualified Juniors or Seniors may, by permission, elect either one semester or two. Also, the course may be repeated for credit with change of content.

Offered annually.

## Political Science

THE POLITICAL SCIENCE CURRICULUM is designed to give students an understanding of political organization and political forces in modern society, to provide knowledge and a basis for insight and judgment on the problems involved in the relationship of the individual to government and of governments to one another. The broad areas of study include: analysis of political theory in relation to its institutional environment; comparison and appraisal of different types of governments and political organization; American political institutions; and problems of international relations.

The tools of analysis include theory and experience. The purposes and the actual workings of political institutions are appraised. In advanced courses, emphasis is placed upon individual research and analysis—practice in location, organization, and presentation of data, and independent judgment.

The courses are designed primarily for a liberal arts education and are intended to create intelligent and lasting interest and participation in the formulation of public policy. The training will also serve the practical needs of those men contemplating professional careers which involve an under-

standing of modern government, such as law, journalism, and the public service.

Men majoring in political science are expected to understand the relationship of this field to other social studies and also the purposes and methods of the social sciences as a whole. They are thus expected to take supporting courses in economics, history, and sociology.

### Major Requirements

Political Science 21, 22, 100 and six other courses in Political Science distributed among the areas of study indicated above.

At least four other semester courses in social sciences other than Political Science.

A comprehensive examination covering the major fields of study. The comprehensive examination includes seminar participation.

Candidates for Honors are required to submit a thesis of independent research work. Such thesis may obtain course credit through *Political Science 81* or *82*.

*Economics 21, 22, Mathematics 23, Philosophy 65-66 and Sociology 61* are recommended for Political Science Majors.

21. FREEDOM AND CONTROL: Foundations of Western Political Thought—*Three periods a week.* Mr. Somers, Mr. Roche, and Mr. Kaplan.

An analysis of the development of the main currents of western political thought, studied primarily through the original works of thinkers who have had greatest influence in shaping modern ideas and institutions, with special reference to the central issue of reconciling individual liberty with social control. Prerequisite: *Social Science 11-12*.

Offered annually.

22. MODERN POLITICAL INSTITUTIONS AND ISSUES—*Three periods a week.* Mr. Somers, Mr. Roche, and Mr. Reitzel.

A comparison and analysis of modern governmental institutions and practices with reference to their theoretical foundations. Central problems of government will be examined in relation to comparative structures, administration, and operative ideals. Special attention will be devoted to the United States, which will also be used as a basis of comparison. Prerequisite: *Social Science 11-12*.

Offered annually.

*Political Science 21* and *22* are designed as a year course. Together they present the basic elements for understanding of modern politics for students who will continue in political science as well as for those who do not intend to take additional courses in this field. With permission of the Department either semester may be taken independently.

31. PARTIES, PRESSURES, AND PUBLIC OPINION—*Three periods a week.* Mr. Somers.

A study of political parties, their organization and techniques, as an instru-



ment of democratic government; the relationship of private associations and interest groups to the party system; the role of such associations in a democracy; and the struggle for power with relation to public opinion and theories of the public interest. Prerequisite: *Political Science 21* and *22*. Semester course. Offered annually.

32. CONSERVATION OF NATURAL RESOURCES—Mr. White.

(See *Geography 32*.)

33. AMERICAN CONSTITUTIONAL DEVELOPMENT—*Three periods a week*. Mr. Roche.

A study of the development of the American constitution through judicial interpretation, related to the changing political, social, and economic problems of the United States. Definitive Supreme Court cases shaping the course of American development will serve as the primary basis of study. Prerequisite: *Political Science 21* and *22*. Semester course.

Offered in 1953-54 and alternate years.

34. SOCIAL SECURITY—*Three periods a week*. Mr. Somers.

(Also called *Economics 34* and *Sociology 34*.)

A study of the economic and political problems caused by the insecurity and hazards of modern industrial society, their social and political costs, methods of alleviation and control, with particular reference to social insurance and related governmental programs. The nature of public interest and public responsibility in relation to individual disaster is examined. Prerequisite: Either *Political Science 22*, *Economics 21* or *Sociology 22*. Semester course.

To be offered in 1954-55 and alternate years.

35b. PUBLIC FINANCE—*Three periods a week*. Mr. Herndon.

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite: *Political Science 22* or *Economics 21*. Semester course.

Offered annually.

38. GOVERNMENT ADMINISTRATION AND PUBLIC POLICY—*Three periods a week*. Mr. Somers.

A study of administration as a central element of contemporary society with special reference to the problems involved in the decision-making process; administrative theory and process in relation to the formulation and execution of public policy. The approach is analytical rather than descriptive and based, in large measure, on case studies. Prerequisite: *Political Science 21* and *22*. Semester course.

Offered in 1953-54 and alternate years.

39. MARKET ORGANIZATION AND PUBLIC POLICY—*Three periods a week.*  
Mr. Hunter.

(See *Economics* 39.)

41-42. THE SOVIET SYSTEM—Mr. Hunter.

(See *Economics* 41-42.)

51. AMERICAN FOREIGN POLICY—*Three periods a week.* Mr. Haviland.

A critical analysis of the forces which shape United States foreign policy including its objectives, methods, and consequences. Major emphasis will be placed on the preparation of project papers concerning specific contemporary issues in United States foreign policy. Prerequisite: *Political Science* 22. Semester course. To be offered in 1954-55 and alternate years.

53-54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—*Three periods a week.* Mr. Bell.

(Also called *Economics* 53-54.)

An examination of the major factors which condition international relations, with special emphasis on political and economic elements. Study the first term includes consideration of certain aspects of economic geography, technology, and populations in the world today; the concept of nationalism and the impact of the nation-state on such a world; the requirements thus implied for international relations; and selected elements in relations among states prior to World War I which are relevant to current problems, including mercantilism, balance of power, free trade and investment, the gold standard, experiments in international cooperation, and imperialism. The first third of the second term is devoted to the interwar period and the impact of economic imbalance, restrictions, depression, and the League of Nations. The remainder of the term is spent on analysis of specific current problems in different areas of the world. Prerequisite: In 1953-54, *Economics* 21-22 or *Political Science* 22; thereafter, *Economics* and *Political Science* 22.

Offered annually.

55. COMPARATIVE GOVERNMENT—*Three periods a week.* Mr. Roche.

An advanced, functional analysis of the political, social and economic institutions of contemporary European democracy. Emphasis is placed on the changing role of government in society, on the political and economic forms that have been developed to meet new needs, and on the impact of these new developments on traditional democratic theory. Prerequisite: *Political Science* 22. Semester course.

Offered in 1953-54 and alternate years.

56. INTERNATIONAL LAW AND ORGANIZATION—*Three periods a week.*  
Mr. Kaplan.

A critical analysis of the evolution of major instrumentalities for the achieve-

ment of world order and law. Particular attention will be given to the League of Nations, the United Nations, the Specialized Agencies, and various proposals for regional and world government. Prerequisite: *Political Science 22*. Semester course.

Offered in 1953-54 and alternate years.

57. AMERICAN POLITICAL THOUGHT—*Three periods a week*. Mr. Roche.

An approach to understanding the enduring significance of the American heritage through the study of outstanding political and social writings. Prerequisite: *Political Science 21*. Semester course.

To be offered in 1954-55 and alternate years.

64. MODERN POLITICAL AND SOCIAL THEORY—*Three periods a week*. Mr. Roche.

(Also called *Sociology 64*.)

A study of leading political doctrines of the nineteenth and twentieth centuries which have had major influence in shaping the issues and conflicts of the modern world. Prerequisite: *Political Science 21* and *22*; or *Sociology 21-22*. Semester course.

Offered annually.

81, 82. INDEPENDENT PROJECT COURSES—*Individual consultation; supervised independent reading and research*. Mr. Somers.

Research papers and oral reports on special topics based upon the individual interests of advanced students. Open only to Senior Social Science Majors by permission of the instructor. Theses of candidates for Honors may be written for credit in this course. Limited enrollment. May be taken as semester or year course by arrangement with instructor.

Offered annually.

## Psychology

COURSES in Psychology are intended to acquaint the student with the factors which underlie his own mental processes and the mental processes of those about him. The subject deals primarily with an understanding of the problems of human adjustment to environment. In addition to the basic and possibly unique contribution which psychology can make to a general education, the study of psychology is of special significance for students who are preparing themselves for business, law, medicine, the ministry, or other fields in which the professional man is called upon to deal with other human beings.

## Major Requirements

Psychology 21, 22, 31, 33-34, 61, 62, 81 or 82 and 100. Mathematics 23 strongly advised.

Comprehensive examination.

21, 22. GENERAL PSYCHOLOGY—*Three hours.* Mr. Campbell.

A psychological approach to the study of human behavior. The continuity and interrelationship of individual and social behavior will be emphasized. The course has been designed to provide a groundwork for those who plan to do further work in psychology and a survey of the field for those interested in the application of psychological principles to other areas of specialization. Prerequisite: *Social Science 11-12.*

Offered annually.

31. HUMAN RELATIONS—*Three periods a week.* Mr. Campbell.

(Also called *Sociology 31.*)

The course is designed to increase the understanding of social relations in modern society. Problems of interpersonal, intra-groups, and inter-group relationships will be examined within the framework of principles of social psychology. Prerequisite: *Sociology 21, 22, or Psychology 21, 22.* Year course.

Offered annually.

33-34. EXPERIMENTAL PSYCHOLOGY—*Two class periods and one laboratory period a week.* Mr. Pepinsky.

Application of the scientific method to the subject matter of psychology. To discover the relationships that govern behavior. Prerequisite: *Psychology 21, 22.* Year course.

Offered annually.

61. PSYCHOLOGY OF PERSONALITY—*Three periods a week.* Mr. Pepinsky.

The study of the problems of development and organization of personality. Prerequisite: *Psychology 33-34.* Semester course.

Offered annually.

62. PSYCHOLOGY IN MENTAL HYGIENE—*Three periods a week and occasional visits to clinics.* Mr. Pepinsky.

Consideration is given to the dynamics of behavior and adjustment; motivation and its modification by cultural and organic influences; forms of adjustive behavior, normal, neurotic, and psychotic; adjustments typical of different age levels; and adjustments influenced by counseling. Introduction to clinical psychopathology. Prerequisite: *Psychology 61.* Semester course.

Offered annually.

81, 82. SPECIAL TOPICS IN PSYCHOLOGY—*Two hours of seminar discussion and one laboratory period a week.* Mr. Pepinsky.

A seminar for special work in restricted fields of psychology. A project course.

Elective for Seniors by consent of the instructor. This course may be repeated for credit with change of content. Prerequisite: *Psychology 61*. Semester course. Offered annually.

REMEDIAL READING. Mr. F. Comfort.

Designed to help students having difficulty with their rate and comprehension in reading. For corrective measures students are referred to appropriate agencies. No credit.

Offered each semester.

## Romance Languages

ADMISSION of new students to all French and Spanish courses except French 11-12 and Spanish 11-12 is contingent upon placement examinations administered by the Department prior to the opening of such courses.

Opportunity is given to students who complete French 11-12, Spanish 11-12 or Spanish 13-14 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study.

Residence in the French and Spanish Houses and participation in the Cercle français and Club español afford an opportunity for supplementary oral practice.

Students who might profitably spend their Junior year in France or Mexico are encouraged by the Department to apply for admission to the institutions sponsoring foreign study groups.

Students majoring in Romance Languages are encouraged to spend a summer in France or Mexico. Foreign summer schools and projects sponsored by the American Friends Service Committee and other organizations offer exceptional opportunities in this regard.

### FRENCH

The program of French courses offers students an opportunity:

- 1) to learn to read, understand, speak and write French. In French 11-12 emphasis is placed on the ability to read and pronounce French. In French 13-14 a special effort is made to teach students to understand spoken French. French 21 and 22 are planned for the benefit of students primarily interested in learning to speak and write French;
- 2) to achieve an understanding of the basic attitudes implicit in a foreign culture which has exerted a profound influence in the shaping of western civilization;

- 3) to read with an increasing awareness of philosophical, moral, aesthetic and social implications the most significant French literary works.

### Major Requirements

French 23-24, 25-26, 81 or 82, and 100.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

- 11-12. INTRODUCTION TO FRENCH LANGUAGE AND THOUGHT — *Three periods a week.* Mr. Wylie.

First semester: Study of those aspects of French grammar without a knowledge of which one cannot read French intelligently. Training in pronunciation. Second semester: Reading of authors who have concerned themselves with important problems. One class hour a week is devoted to translation, another to concentrated analysis of short texts, and the third to discussion of rapid reading. Year course.

Offered annually.

- 13-14. THE FRENCH PEOPLE—*Three periods a week.* Mr. Auclair.

The purpose of this course is to aid the student, through analysis of basic French attitudes and comparison with equivalent American attitudes, to achieve a more objective understanding of certain cultural forces which have had a part in shaping his own life. Lectures and reading are in French, but class discussion is carried on in English. Prerequisite: *French 11-12* or the equivalent. Year course.

Offered annually.

21. SPOKEN FRENCH—*Three periods a week.* Mr. ....

This course is designed to develop the student's ability to speak French correctly and without embarrassment. At first most of the work will be carried on through individual conferences and laboratory periods; as the ability of the student increases and general discussion becomes more profitable, more emphasis will be placed on regular class meetings. Students who plan to take this course are encouraged to make arrangements to live in the French House. Prerequisite: Special permission of the Department. Enrollment limited to twelve students. Semester course.

Offered annually.

22. THE FRENCH LANGUAGE—*Three periods a week.* Mr. ....

The development and structure of the French language are studied as a means to a more general understanding of the nature and function of language. Through extensive drill an attempt is made to teach students to write French correctly. Prerequisite: *French 21* or the equivalent. Semester course.

Offered annually.

23-24. CURRENTS OF FRENCH THOUGHT—*Three periods a week.* Mr. Auclair.

A study of the fundamental trends of French thought from Humanism to Existentialism. Special emphasis is placed on the relationship of philosophical, social, and literary schools of thought. Although importance is attached to historical development, this course does not constitute a survey of French literature. Prerequisite: *French 13-14* or the equivalent. Year course.

To be offered in 1953-54 and alternate years.

25-26. A SYMPOSIUM OF SIGNIFICANT FRENCH WRITINGS—*Three periods a week.* Mr. Gutwirth.

This course, while independent of *French 23-24*, is complementary to it. It consists of readings in French masterpieces from the *Chanson de Roland* to Camus's *L'Etranger*. Emphasis is placed on intrinsic values rather than on century-by-century coverage. Some of the men read are Villon, Montaigne, Pascal, Racine, Voltaire, Diderot, Rousseau, Stendhal, Flaubert and Gide. Prerequisite: *French 13-14* or the equivalent. Year course.

Offered in 1954-55 and alternate years.

81, 82. SPECIAL PROJECT IN FRENCH LITERATURE—Mr. Auclair and Mr. Wylie.

This course offers the student of French literature an opportunity to probe more deeply and more independently into a problem in which he is particularly interested. The nature of the course will therefore vary to suit the needs of individual students. Semester courses.

Offered annually.

## SPANISH

The courses offered in Spanish are designed to give the students a thorough knowledge of the Spanish language and an understanding of Spanish and Spanish-American thought and culture. Elementary Spanish and Intermediate Spanish are primarily language courses, with emphasis on grammar, reading, and conversation. Even in these elementary courses the approach corresponds to the liberal tradition of the College, placing emphasis on the human value of the language, and its importance in international and continental solidarity and understanding. The elementary courses are followed by general courses in civilization and literature, as the basis for the more advanced courses covering special periods, works, and authors in Spanish and Spanish-American literatures.

## Major Requirements

*Spanish 21-22, 31, 32, 81 or 82, and 100.*

History of Spain and Spanish America, as a background for literature.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

- 11-12. ELEMENTARY SPANISH—*Three regular periods and one special discussion period a week.* Mr. Asensio.

Grammar, with written and oral exercises; reading; thorough drill in conversation. Year course.

Offered annually.

- 13-14. INTERMEDIATE SPANISH—*Three periods a week.* Mr. Asensio.

Review of grammar, with written and oral exercises; composition, reading and conversation. Prerequisite: *Spanish 11-12* or the equivalent. Year course.

Offered annually.

- 15-16. INTRODUCTION TO HISPANIC CIVILIZATION—*Three periods a week.* Mr. Asensio.

Geographic, cultural, and historical background. Emphasis is laid on basic attitudes underlying the Spanish and Spanish-American culture pattern and contrasting with characteristic American attitudes. Lectures, reading, discussion, written reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course.

Not offered in 1953-54.

- 21-22. INTRODUCTION TO SPANISH LITERATURE—*Three periods a week.* Mr. Asensio.

A survey of Spanish literature from the beginnings to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course.

Not offered in 1953-54.

- 23-24. INTRODUCTION TO LATIN-AMERICAN LITERATURE—*Three periods a week.* Mr. Asensio.

A survey of Latin-American literature from the Colonial period to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course, Mr. Asensio.

Offered in 1953-54.

33. SPANISH LITERATURE OF THE GOLDEN AGE—*Three periods a week.* Mr. Asensio.

Cervantes, Lope de Vega, Tirso de Molina, Calderon; lectures, written and oral reports. Semester course.

Not offered in 1953-54.



81, 82. SPECIAL TOPICS IN SPANISH LITERATURE—*Three periods a week.*  
Mr. Asensio.

Reading and lectures; written and oral reports. This course may be repeated, with change of content, for full credit. Semester courses.

Offered annually.

## Russian

THE COURSES in Russian are designed to offer the students the opportunity to learn — to read and speak Russian and to achieve an understanding of the thought and culture of pre-revolutionary as well as contemporary Russia. Russian 11-12 and 21-22 are primarily language courses. The elementary course teaches the basic grammar and enough vocabulary to enable the student to speak and understand simple Russian. The intermediate course introduces the student to the Russian literary language; also some newspaper articles and other contemporary material are read.

Students who have completed Russian 21-22 can continue with the more advanced courses offered at Bryn Mawr College.

### Major Requirements

(Courses numbered above 100 are offered at Bryn Mawr College.)

Students majoring in this field will be required to take:

8 semester-courses in Russian language and literature: 11-12, 21-22, 201, a 300 course chosen from 301, 302, 303, 304, in addition to the 100 course.

4 semester courses in Russian history and institutions: History 208 (History of Russia); Political Science 41-42 (Soviet Political and Economic Development).

Other related courses, including Russian 203, (Russian Literature in Translation) will be arranged in individual conference with the major supervisor.

A comprehensive examination on the Russian language, a special period of Russian literature, and Russian history.

11-12. ELEMENTARY RUSSIAN\*—*Five periods a week.* Miss deGraaff.

Russian grammar, conversation, and reading. Year course.

Offered annually.

21-22. INTERMEDIATE RUSSIAN—*Four periods a week.* Miss deGraaff.

Grammar review, reading in Russian classics and contemporary materials, conversation. Prerequisite: *Russian 11-12* or the equivalent. Year course.

Offered annually.

The following courses are given at Bryn Mawr College:

201. READING IN RUSSIAN LITERATURE—*Three periods a week.* Mrs. Bogojavlenskij.

Representative writers of the nineteenth century. Conducted mostly in Russian. Prerequisite: *Russian 21-22.* Year course.

Offered annually.

203. RUSSIAN LITERATURE IN TRANSLATION—*Three periods a week.* Miss Linn.

The leading Russian writers of the nineteenth century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenyev's novels. Year course.

302. PUSHKIN AND HIS TIME—*Three periods a week.* Miss deGraaff.

Conducted in Russian. Prerequisite: *Russian 201.* Year course.

\* This course meets five times a week with corresponding reduction in outside preparation; three hours credit.

## Sociology

THE CURRICULUM in Sociology is designed primarily to develop the student's understanding of the social structure, the social process, and the web of social relationships in and through which man functions. It will treat man, his groups, his organizations, and his communities. Courses are offered for those who would make Sociology their area of major interest as well as for those students wishing to study social science methods, or, such specific groups and institutions as populations, the family, and the community as aspects of modern society.

### Major Requirements

A major program requires three two-semester courses or their equivalent in the field of sociology, and the equivalent of four semester courses selected from the related courses listed below. Sociology courses always required are 21, 22, 33 or 40, 37 or 38, 61, 82, 100. Related courses may be selected from the following group, when chosen in consultation with the Major Supervisor: *Economics 21, 22; Geography 32; Political Science 21, 31; Psychology 33-34; Mathematics 23. Social Science 11-12* is a prerequisite for the introductory course in this Department.

A comprehensive examination, designed to test the student's knowledge as well as his ability to integrate and utilize the subject matter of sociology and other social sciences, is given in the Senior year.

Candidates for Final Honors in Sociology will be required to complete two research projects, one in the field of *Social Groups and Institutions* during the Junior year, another in the field of *Social Processes and Issues* during the Senior year.

- 21, 22. SOCIAL AND CULTURAL LIFE—*Three periods a week.* Mr. Reid and Mr. Gordon.

In the first semester this course will set forth a systematic organization of the field of general sociology using the basic concepts of function, structure, and process as guiding principles. The materials will be based on the leading methods of sociological research.

Cultural anthropology is the framework for the second semester's work. Here the student will analyze diverse cultures with particular reference to man's institutions, value systems, behavioral patterns, and their interrelations. *Students may begin this course in either semester. Required of all Sociology Majors. Prerequisite: Social Science 11-12.*

Offered annually.

31. HUMAN RELATIONS—Mr. Campbell.

(See *Psychology 31.*)

33. POPULATION POLICIES AND PROBLEMS—*One three-hour period a week.*

A study of the restrictive, expansive, and eugenic aspects of national population policies as they are related to demographic theory. Special reference is given to the problems of fertility and mortality, density, immigration, and food supply. Individual projects. Prerequisite: *Sociology 21, 22* or *Economics 21-22*. Semester course.

To be offered in 1954-55 and alternate years.

34. SOCIAL SECURITY—Mr. Somers.

(See *Political Science 34.*)

36. LABOR ECONOMICS AND LABOR RELATIONS.

(See *Economics 36.*)

Not offered in 1953-54.

37. THE FAMILY—*One three-hour period a week.* Mr. Reid.

A study of the institutions designed to guarantee the perpetuation of the group and its cultural heritage in comparative societies. The course will analyze functions, forms and processes of the institutions of marriage and the family. Individual projects. Prerequisite: *Sociology 21, 22* or *Economics 21-22*. Semester course.

Offered in 1953-54 and alternate years.

38. THE MODERN URBAN COMMUNITY—*One three-hour period a week.*

A study of the social and spatial aspects of modern urban community organization

as influenced by personal, technological, ecological, economic and political factors. Individual projects. Prerequisite: *Sociology 21, 22* or *Economics 21-22*. To be offered in 1954-55 and alternate years.

40. PEOPLES AND GROUPS IN THE MODERN WORLD—*One three-hour period a week*. Mr. Gordon.

An analysis of the secularization of the world's peoples and the contemporary "minorities" situations in the world; how these situations arise; how they are perpetuated. Special attention is given to theories and methods of analysis. Individual projects. Prerequisite: *Sociology 21, 22* or *Economics 21, 22*. Semester course.

Offered in 1953-54 and alternate years.

61. SOCIAL RESEARCH—*Two periods a week*. Mr. Gordon.

An analysis of classic and significant studies in the fields of the social sciences with a view toward understanding the methods, tools, techniques, and hypotheses of social research. Studies will demonstrate the use of statistical, case, historical, and other research procedures. Individual projects. Required of Sociology Majors. Seminar. Prerequisite: *Sociology 21, 22* or *Economics 21-22* and *Junior Standing*. Semester course.

Offered annually.

64. MODERN POLITICAL AND SOCIAL THEORY. Mr. Roche.

(See *Political Science 64*.)

81. SPECIAL TOPICS IN THE SOCIAL SCIENCES—Staff.

This is a course for advanced students who wish to undertake special individual study projects or to pursue a specialized reading course in some phase of sociology. Prerequisite: *Sociology 61* and permission of the instructor.

Offered annually.

82. ISSUES IN SOCIETY—Companion seminar to *Sociology 100 with individual consultations*. Mr. Reid and Mr. Gordon.

This seminar is designed to treat a sociological situation of current or potential importance, emphasizing the nature and problems of social fact, social values and the social process. Individual projects. Required of Sociology Majors. Prerequisite: *Sociology 61*. Semester course.

Offered annually.

## Non-Academic Program

THE FACULTY OF HAVERFORD COLLEGE adopted in the spring of 1947 a program which involves a new departure in American education. This program is designed to cultivate aesthetic perception, creative control of mater-

ials, a love of fine workmanship, and other important areas of learning and of experience, such as community service, which have often been neglected in the liberal arts program. The Faculty feels that, though courses (called "units") in these areas cannot properly be included in the academic curriculum, they are of no less importance in the development of personality than strictly intellectual work.

Every student is required to take nine terms of work which is not academic in nature. It is mandatory that six of these terms be taken in Physical Education: three in the Freshman year, two in the Sophomore year, and one in the Junior year. The remaining three terms may be devoted either to offerings of the Department of Physical Education or to units of the Non-Academic Program described here. The first election of such units in the Non-Academic Program may be made in the fall or winter term of the Sophomore year.

In its non-academic work, the College insists on the same high quality of teaching which it demands in its academic courses. A distinction in the two types of work is needed not because one is thought to be less important than the other, but because in the opinion of the Faculty the two kinds of work are different and should not be equated.

Most of the following units will be offered during the winter term in 1953-54. Certain units, in addition to those designated, may be offered during the fall, depending upon the enrollment.

**AUTOMOTIVE MECHANICS**—*Three hours per week.* Mr. Hetzel.

This is a practical course in the operation, maintenance and simple repair of motor vehicles, designed primarily as preparation for ambulance or relief service. Limited to ten undergraduates.

Offered in the fall term.

**CABINETMAKING**—*Three hours per week.* Mr. Holmes.

Instruction will be offered during the winter term in woodworking with hand tools on selected tasks. Qualified students may work on projects of their own choice insofar as facilities permit. Cost of materials will be borne by the student. Limited to five students.

**CARPENTRY**—*Three hours per week.*

Practical experience and instruction in carpentry of building construction, planned to fit the needs of students in the Social and Technical Assistance Program. Offered in the winter term.

**COMMUNITY SERVICE**—*Three hours a week.* Mr. Hetzel.

Non-academic credit will be given to students who serve as group leaders in the

activities of community services. Activities include athletics, scouting, clubs, music, dramatics, hobbies, and other youth-leadership work. Competent social workers will supervise the work, and guidance will be given by sociologists to make the experience meaningful.

**FIRST-AID**—*Three hours per week.* Dr. Taylor.

This unit will include an elementary course in first-aid, service as orderlies or assistants at a hospital, and lectures and demonstrations of medical techniques involved in ambulance and relief service activities.

Offered in the winter term.

**MACHINE-TOOL WORK**—*Three hours a week.* Mr. N. Wilson.

The unit for beginners will be conducted in the winter term and will include machine tool work on the lathe, milling machine, shaper, and drill-press. Those who have sufficient skill will be permitted to use the scheduled period for approved projects of their own choice.

**MUSIC APPRECIATION**—*Three hours per week.* Mr. Reese.

An elementary course designed to develop a technique of listening to music. The basic aspects of music—melody, rhythm, harmony, texture, color, form—are studied. Emphasis is placed on the analysis of examples given and of music heard in available concerts. Offered in the winter term.

**PAINTING AND DRAWING**—*Three hours a week.* Mr. Janschka.

The purpose of instruction in this course is to help students in acquiring perception and skill in artistic creation and rendition through the media of painting, drawing and modeling. The work may be from life and nature, from imagination, or the copying of art works. Prior experience is not required. Offered in the fall and winter terms.

**PHOTOGRAPHY**—*Three hours a week.* Mr. N. Wilson.

This unit is for beginners and will include instruction in the use and characteristics of photographic equipment, the processing of films and papers, and the composition of subject material both indoors and outdoors. Limited to six students. Offered in the fall term.

**PUBLIC SPEAKING**—*Three hours per week.* Mr. Snyder.

This unit is based on the assumption that members, having taken required Public Speaking (*English 11-12*), have already had elementary training whereby they have been freed from stagefright and platform awkwardness. The course will be organized to meet the special needs of those who elect it. Important for prospective clergymen, lawyers and teachers. Admission with the consent of the instructor. Offered in the fall term.

**RADIO COMMUNICATION**—*Three hours a week.* Mr. Benham.

This unit consists of projects in radio, such as instruction in the International Morse Code, a study of basic principles, or a construction project (the cost of materials to be borne by the student). It may serve as preparation for the amateur license examination given by the Federal Communications Commission. Admission with the consent of the instructor. Offered in the winter term.

**THEATER ARTS**—*Three hours a week.*

This unit meets during the winter term and covers acting, directing, and theater production by means of lectures, demonstrations, and laboratory work.

**WEEKEND WORKCAMPS**—Mr. Hetzel and Mr. Richie.

Students electing this unit will spend three week-ends participating in the work of renovating houses in certain areas in Philadelphia. Consultations with expert social workers and discussion within the camp group will promote an interest in and understanding of social problems. Offered October to May.

## The Graduate Curriculum in Social and Technical Assistance

HAVERFORD COLLEGE is offering qualified men and women a Graduate Curriculum in Social and Technical Assistance in the belief that the development of a peaceful world society depends on large-scale social, economic and political reorganization in many regions and over a long period of time. Programs designed to improve the productivity of underdeveloped areas, to eliminate the causes of recurrent disaster such as famine and epidemic diseases, and otherwise to improve the health and to raise the living conditions of millions of people will require the services of technicians who must be highly trained and experienced in specific fields, such as engineering, agriculture and the economics of land use, education, social work and public health. Those who are in charge of general administration will need to have a practical knowledge of office and fiscal management.

All who engage in assistance programs should be both emotionally and intellectually qualified for the task. As men and women of good will they should be able to work harmoniously with people of different races and possibly under difficult and primitive circumstances. They should be able to appreciate the values of "foreign" cultures and understand the basis for variant economic and political theories.

Projects for the improvement of living conditions which are essentially technical in character make a profound impact on the social life of the people who are affected by the changes. Thus, professional competence of the technicians, such as engineers, agricultural scientists, economists, etc., is not sufficient of itself. They must be alert to the social implications of their work and prepared to help the affected population to adjust rapidly to a new economic-social order. In many cases the technicians will be required to work with people whose cultures are derived from more primitive technical backgrounds. Practically all of the technical and social assistance projects now in progress or envisaged by the inter-governmental, governmental and private agencies are as much a problem of human engineering as they are a matter of putting technological principles into practice.

Many technical and social assistance projects already have been established by the United Nations, directly and through its affiliated agencies, the Food and Agriculture Organization, the World Health Organization and others. The United States Government has embarked on a "Point Four Program" offering technical cooperation to underdeveloped countries. Non-governmental service organizations, in many cases connected with religious bodies,



have for years sought to improve the living conditions of mankind, more frequently with social and educational projects than with technical assistance.

It may be expected that these programs will grow in magnitude and outreach. They are not limited to countries outside of the United States, but include technical and social assistance for underprivileged and economically dislocated groups within American society, such as sharecroppers and migrant agricultural workers. American Indians in distressed areas, and inhabitants of sections of the country affected by depletion of resources, migration of industry, and natural disasters.

### Haverford's Experience

Haverford College has particular interest in integrating technological knowledge with sociological insight. It is a fundamental principle of the Quaker way of life that the philosophical attitudes, religious convictions and social ideals of the persons entering fields of public service affecting human welfare are as important for success as their specific technical training. The course that the College now offers is the logical development of experiences growing out of the training of relief and rehabilitation workers during World War II. At that time a graduate curriculum for men and women was provided to train personnel for governmental and non-governmental agencies engaged in a variety of refugee-relief programs and other projects designed to relieve human suffering and to rehabilitate devastated areas. Graduates of the Reconstruction and Relief curriculum offered by the College during 1943-45 were quickly absorbed by the United Nations Relief and Rehabilitation Administration (UNRRA) as welfare officers and staff members in Displaced Persons Camps and for other assignments; by the War Relocation Authority to aid Japanese-Americans in Relocation Centers; by the American Friends Service Committee for a variety of projects for displaced persons in Austria, Finland, France, Germany, Hungary, Italy and the United States; and by several other international, national and local institutions dealing with social welfare problems.

These graduates made a notable contribution to the traditions of Haverford College for preparing people for humanitarian service in times of national crisis. More than 300 graduates and members of the faculty of the College have served in welfare programs related to World War I and World War II and the reconstruction periods that followed them.

## The Course of Study

The present Graduate Curriculum in Social and Technical Assistance offered by Haverford College presupposes a sound general education as basic preparation. The course does not necessarily specialize in the needs of specific areas—on the principle that a graduate should be broadly prepared to serve wherever the opportunity offers. However, in the case of individual students who are planning to join specific assistance programs, the College will try to arrange concentrated courses to qualify for work in those areas. Since considerable emphasis is placed upon the non-academic qualifications of a candidate for a Master's Degree in addition to satisfactory fulfillment of the academic requirements of the course, the College requires a ten-day pre-semester workcamp in Philadelphia at which individuals of the group become acquainted with each other and with problems of urban society, and a mid-winter Work and Study Project off campus of six weeks duration, and a report of investigations conducted there.

1. **ENTRANCE REQUIREMENTS.** This curriculum is open to men and women who hold the bachelor's degree from recognized institutions in the United States and Canada and who are otherwise qualified by virtue of their character, motivation, and previous training. Special provision is made for foreign students with similar preparation and qualifications.

All candidates for admission are expected to possess a competence in at least one modern foreign language equivalent to one year's work in college beyond the elementary grade. Those preparing for administrative or non-technical work should give evidence of some background in the social sciences. Those expecting to do work in applied science should have completed an undergraduate major in natural science, engineering, agriculture, home economics or similar fields, and, in addition, have done some basic work in the social sciences. The Administrative Committee is willing to consider applicants with unusual qualifications in a certain field who may be deficient in some aspects of the above requirements.

2. **COURSE OF STUDY — ACADEMIC.** Each student will be expected to complete a program of eight semester-courses selected to fit his particular needs. In most cases these courses will be chosen largely from those listed below, but students may also be urged to select advanced courses from the regular offerings of the College which contribute to the general aims of this curriculum. Some of the courses listed below are required of virtually all students in the curriculum, and other courses may be required of a student whose preparation along a particular line is considered by the College to be deficient. A grade of at least 80 must be obtained in all courses taken under this program.

(a) *Social Science 91-92. Case Study of Assistance Programs. (Both Semesters). Required.* Mr. Barnett and others. A study by the case method, of the objectives, organizational and operational techniques, and problems faced in various types of assistance programs: relief, reconstruction, technical assistance, social and technical planning. In the study of each program, consideration will be given particularly to problems raised by geographical, cultural, economic and political aspects of the area concerned. Lectures by staff and visitors, readings, papers, and seminar discussions.

(b and c) *Psychology 91-92. Anthropology and Human Relations. (Both semesters). Required.* Mr. Campbell and others. A study of the main features of organized human activity. Basic principles and methods of social anthropology and social psychology are presented and used to examine individual and group behavior in different social and cultural settings.

(d) *Social Science 93. Orientation Seminar. (First Semester). Required.* Mr. Steere and others. This course will consider both directly and through biographical studies some of the factors which motivate service in assistance projects. It will also examine the living genius and impact of the principal non-Christian religions today.

(e) *Social Science 94. Orientation Seminar. (Second Semester). Required.* Mr. Reitzel. This course will devote itself to a study of the competing political and economic ideologies in the international setting which any social or technical assistance project will meet in the field.

(f) *Modern Foreign Language. (Either or both Semesters). Elective.* Continuation of a language presented for entrance is recommended. In 1952-53 students can take such departmental offerings as French 21, German 15-16, Russian 21-22, Spanish 23-24 or, if qualified, higher courses in which the spoken language is employed. Students who are proficient in one foreign language may study another language.

(g) *Political Science 53-54. International Relations; Economic and Political. (Both Semesters). Elective.* Mr. Bell. An examination of the major factors which condition international relations, with special emphasis on political and economic elements. Special problems will be considered in the light of current events within a historical context.

(h) *Political Science 56. International Law and Organization (Second Semester). Elective.* Mr. Kaplan. A critical analysis of the evolution of major instrumentalities for the achievement of world order and law. Particular attention will be given to the League of Nations, the United Nations, the Specialized Agencies, and various proposals for regional and world government.

(i) *Economics 92. Elementary Fiscal Management. (Second Semester). Elective.* Mr. Hunter. Basic accounting concepts and techniques; simple accounting and other record-keeping systems; reports; cash and budgetary controls; foreign exchange transactions.

(j) Social Science 91, 92. *Social Research*. (Either or both Semesters). *Elective*. Mr. Reid and others. An analysis of the hypotheses, methods, and techniques of social science research. Lectures, laboratory and individual projects. Prerequisite: consent of the instructor.

(k) Biology, Chemistry, Engineering, or Physics 91, 92. *Individual Projects*. (Either or both Semesters). *Elective*. For students preparing to do scientific or engineering work in technical assistance programs.

3. COURSE OF STUDY—NON-ACADEMIC. Prior to the opening of College in September the students in this program participate in a ten-day workcamp in Philadelphia. The work will be related to the redevelopment of housing in a blighted area. There will be visits to local institutions, and discussions of urban problems with specialists in various fields.

Each student is expected to take one non-academic course in the fall, and another in the winter season. The following are recommended as appropriate for the purposes of this program:

(a) Fall term (prior to Thanksgiving): Automotive Mechanics, Community Service or Photography.

(b) Winter term (Thanksgiving to Spring Vacation): Carpentry or Community Service.

Participation in Weekend Workcamps (October to May) is also encouraged and may be elected for non-academic credit.

4. WORK AND STUDY PROJECT. For six weeks, from the beginning of Christmas vacation until the first week in February, the students will participate in a field-seminar-workcamp which will give them an opportunity to learn something of the problems and methods of team work on a project and to carry out team research in community problems in a cross-cultural setting. In 1952-53 this project was conducted in the Cherokee Indian Reservation in North Carolina. Each student submits a report of the results of his investigations and experiences.

5. REQUIREMENTS FOR THE MASTER'S DEGREE. The degree of Master of Arts will be awarded to those who have satisfactorily completed the program listed under 2, 3, and 4 above, and have passed a comprehensive examination covering this program. The examination will be in two parts:

(a) At the end of the academic year: an examination on the Academic courses and relevant courses offered for entrance.

(b) Subsequent to the Work and Study Project: a report dealing with the problems investigated at the Work and Study Project.

### Fellowships

Preference in the awarding of the Thomas Wistar Brown Fellowships for graduate study, totalling \$5,000, will be given to qualified men and women candidates intending to specialize in Social and Technical Assistance. The

amounts of the Thomas Wistar Brown Fellowships vary in accordance with the needs of the applicants. Additional fellowship funds are available for students in the Graduate Curriculum in Social and Technical Assistance.

The College has received a grant from the Christopher Reynolds Foundation which makes possible the awarding of fellowships to one or two students who have had several years of experience in a technical field or in a technical assistance project. These fellowships vary from \$2500 to \$4000, depending on the financial status and requirements of the student. Special consideration will be given to applicants who have had experience in the technical assistance programs of the United Nations or of the United States Government.

Awards are determined on the basis of financial data presented in the questionnaire which constitutes formal application for admission into the graduate unit in Social and Technical Assistance. Questionnaires containing such a request for financial aid should be in the hands of Vice-President MacIntosh, of Haverford College, not later than March 1 to secure consideration for the following year.

*Charges.*—For charges and fees see pp. 27-28. Under a cooperative arrangement for cooking and housekeeping the charge for board is \$11.50 per week, and room rent is \$120. per semester. Additional charges may be necessary to cover travel and living expenses on the Work and Study Project.

## Extra-curricular Activities

### Student Government

THE COLLEGE ADMINISTRATION has delegated to the Students' Association the responsibility for nearly all aspects of student conduct on the campus; and the Students' Association has assumed this responsibility. Student Government is exercised through an elected Students' Council, on which are representatives of all the classes and of some of the undergraduate organizations.

The students at Haverford College believe that the success of self-government depends upon the individual's realization and acceptance of his social responsibilities. This concept forms the basis of the Haverford Honor System, which is a compact entered into by all members of the Students' Association. The Honor System is designed to maintain certain standards which represent the opinion of the Students' Association on what is desirable conduct on the campus. It applies to the conduct of examinations, the preparation of papers, outside of class, to the rules governing the presence of women in the dormitories, and to some other aspects of College life. The Honor System is administered by the Student's Council with the active cooperation of all members of the Students' Association.

The Students' Council is an administrative and judicial body. It handles all phases of the administration of regulations for the Students' Association. It manages extra-curricular activities on the campus and allocates to each a percentage of the Student Activities Fee (\$18 per year, charged to every undergraduate as a part of the Unit Fee) on the basis of a yearly budget. In intercollegiate relations, except athletics, it serves as the representative of the Haverford student body.

The chairmanship of the Students' Council is the most important undergraduate office. The Chairman represents the student body before the Board of Managers, the College Administration, and the Faculty. He serves both as liaison officer and executive. He conveys to the College Administration the recommendations of the Students' Council in disciplinary matters.

The Honor Pledge, which is quoted below, is called to the attention of each applicant for admission to Haverford College. It is signed upon entrance, and is signed again whenever the student takes an examination, though its force is not limited to examinations only. In signing the pledge the individual student accepts the Honor System in its entirety, as currently in force and as it may be changed while he is an undergraduate at Haverford. Every entering student should make sure, before selecting Haverford, that he can give his

active support to the Honor System. He should realize that its success, which is of great importance to him personally and to the whole student body, and indeed to the College itself, depends upon his willingness to give it his complete support.

### HONOR PLEDGE

"I hereby accept the Haverford College Honor System, realizing that it is my responsibility to safeguard, uphold, and preserve each part of the Honor System and the attitude of personal and collective honor upon which it is based."

THE STUDENTS' ASSOCIATION is made up of all undergraduates in good standing at Haverford College. It is the body for student self-government. The Students' Council is elected from among the members of the Students' Association, and carries most of the burden of leadership in the undergraduate body. In addition, there are dormitory representatives elected to the Council.

### Societies and Organizations

THE PUBLIC AFFAIRS ASSOCIATION is an organization of men interested in political, economic and sociological affairs. It includes as subsidiary groups a chapter of the Intercollegiate Conference on Government and the Political Forum which is responsible for bringing speakers on current affairs in these fields to the campus.

THE W. W. COMFORT DEBATING SOCIETY elects to membership men who have shown a consistent interest in debating, and who have represented the College on more than one occasion. Every year a series of intercollegiate debates is conducted.

THE STUDENT COMMITTEE ON EDUCATION AND THE STUDENT CURRICULUM COMMITTEE investigate and evaluate Haverford's methods and philosophy of education and make suggestions to the Faculty and Administration on the subject of the curriculum and College program.

THE DRAMA CLUB, in conjunction with the Bryn Mawr College Drama Guild, produces on the average three major plays a year, alternating between the Bryn Mawr and Haverford stages. Meetings, that are open to all regardless of previous experience, are the workshop of the Club with lectures and discussions on all vital aspects of play production.

THE COLLEGE GLEE CLUB, which is the chief musical organization of the College, is open to all who have a love of music and enjoy singing. Rehearsals

are held twice weekly. The repertoire includes short numbers of various types and one or more major works each season, the latter being presented in conjunction with the chorus from a women's college. There are trips at various times and, some years, a concert tour during spring vacation. Tryouts are held after the first month of rehearsals for both Freshmen and upper-classmen. Regular members are chosen on the basis of interest, voice quality, and reading ability.

THE ORCHESTRA is a combined enterprise with Bryn Mawr College. All students playing orchestral instruments are invited to get in touch with the director, Dr. William Reese. Full Rehearsals are held at Bryn Mawr weekly and sectional rehearsals at Haverford. The orchestra studies particularly works of the 17th and 18th century, contemporary works, and often plays the orchestral part of large choral works given by the Glee Club in concert.

Smaller ensemble groups for chamber music are fostered at both colleges. There is opportunity for instrumental study with noted teachers at nearby music institutions.

THE BAND plays at football games, pep rallies, and on a few other occasions.

THE RADIO CLUB operates the College radio station, WHRC. Members of the club arrange programs, operate the station, and build or buy necessary equipment. The studios are located in the third floor of the Union Building.

THE INTER-DORM DANCE COMMITTEE arranges dances between Haverford and Bryn Mawr dormitories. Its members are appointed by the Students' Council.

THE PHOTOGRAPHIC CLUB promotes interest in photography and has the use of a dark-room and equipment located in Hilles Laboratory.

THE NAUTICAL CLUB is composed of undergraduate students of the College. Its purpose is to promote an interest in sailing for pleasure and to engage in inter-collegiate dinghy racing. It is a member of the Inter-Collegiate Yacht Racing Association.

THE VARSITY CLUB of Haverford College, organized in 1936, is composed of undergraduates who have won varsity letters. Its purpose is to advance the interests of the College and of athletics in every way consistent with the high ideals of the College.

DEPARTMENTAL CLUBS. There are at Haverford various departmental



groups, which arrange for outside speakers and often hold discussion sessions. Among these are the French Club, German Club, Spanish Club, Philosophy Club, a Humanities Forum which discusses topics of general interest to students of language, literature, philosophy, and the fine arts; the Mathematics Club, Biology Club, and Chemistry Club. A number of these clubs sponsor demonstrations, plays, and social gatherings.

### Joint Faculty and Student Groups

THE COMMITTEE ON STUDENT AFFAIRS is a joint committee made up of members of the faculty and undergraduates. It is charged with supervising the arrangements for social affairs on campus, and with reviewing the budgets of various recognized student organizations.

THE CAMPUS CLUB is an association of graduates, faculty members, undergraduates, and friends of the College who are interested in maintaining and increasing the beauty of the College campus.

### Student Publications

THE HAVERFORD NEWS is a weekly newspaper, sent to all undergraduates and to all members of the alumni body. It is published on Fridays, during term-time, by undergraduates. There are opportunities for all interested men on both editorial and business staffs.

THE HAVERFORD COLLEGE HANDBOOK is published each fall under the auspices of the Students' Council. It contains information particularly valuable to new students.

THE RECORD is published annually by the Senior class, with the support of the Students' Association. It includes a record of the year, with particular emphasis upon the activities of the graduating class.

THE HAVERFORD REVUE is a magazine devoted to student literary effort. It is published irregularly.

## Health Program

EACH STUDENT is given a thorough examination at the beginning of the Freshman year, and at other times as recommended by the College physician. Chest x-rays are included in these examinations.

Each student is entitled to unlimited dispensary service, at stated hours, and first-aid service at any time.

In case of illness, each student is entitled to two weeks of residence in the Morris Infirmary each semester, ordinary medicine, diagnostic laboratory work, any x-rays needed for diagnosis, and the services of the College physician and resident nurse.

Students will be charged at \$5.00 a day for residence in the infirmary after their first two weeks. Day students will be charged for board in addition, while in the infirmary.

Each student is also covered by a blanket accident policy which pays actual expenses resulting from any accident up to a limit of \$500 for each accident. The expenses covered include x-rays, medicine, surgical appliances, hospital bills, nursing care, physician's fee, surgeon's fee, and also dentist bills for repair or replacement of natural teeth as a result of an accident, subject to the approval of the College physician. The coverage is in force from 12:01 A. M. Standard Time three days before the date when registration of entering students begins until midnight three days after Commencement Day.

All of these services are covered by the Unit Fee which is paid by all students (see page 27).

The infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a resident nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

# Library, Laboratories, and Other Academic Facilities

## The Library

THE HAVERFORD COLLEGE LIBRARY is planned and developed with the primary purpose of providing the intellectual resources of books, periodicals, and pamphlets needed to sustain the work of the academic curriculum. Most of the volumes have been selected by the teaching faculty, and, with the exception of some special collections described below, the books and periodicals are all on open shelves and readily accessible for over ninety hours a week during the college year. In the administration of the Library, the aim is to bring the resources of the book collection as effectively as possible into the academic life of the College.

Beyond this primary purpose, the Library seeks through several collections to provide opportunities for independent research in certain fields. Most notable of such collections is the Quaker Collection, which attracts many visiting scholars each year. The Government Depository and International Documents Collections provide extensive resources for independent study in the social sciences, and there are further collections of autograph material, orientalia, and particularly of Renaissance literature offering similar research opportunities in other fields.

The Haverford Library contains about 190,000 volumes, and holds subscriptions to over 575 literary and scientific periodicals. Though designed especially for the use of students and faculty of the College, the Library welcomes outside readers who wish to consult the books, and, under certain restrictions, may grant them special borrowing privileges. The Library is open on week-days from 8:00 A. M. to 11:00 P. M., and on Sundays from 2:00 to 11:00 P. M. (Treasure Room: Week-days — 9:00 - 5:00; Saturdays — 9:00 - 12:00). Special hours are arranged for vacation periods.

The Library building, the first portion of which (the present north wing) was built in 1863, has grown by five successive additions. The construction of a new Stack in 1941 has assured room for growth of the book collections for several years to come. In December 1952 the original north wing was renovated in memory of William Pyle Philips, and now forms a bright and comfortable room for quiet study. There are also three special reading rooms in the building:

THE GUMMERE-MORLEY MEMORIAL READING ROOM, decorated and equipped by the Class of 1892, provides a reading and browsing room for Haverford students.

THE RUFUS M. JONES STUDY, a replica of Rufus Jones' own study, with his own books and furniture, is used for seminar classes in philosophy as well as for quiet reading.

THE TREASURE ROOM, provided through the generosity of Morris E. Leeds of the Class of 1888, contains the Quaker Collection as well as other rare books and special collections.

### *Special Collections*

THE QUAKER COLLECTION, containing approximately 20,000 books and 40,000 manuscripts, maps and pictures of interest to the Society of Friends, provides a repository for Quaker literature in the United States, and makes Haverford a vital center for the study of the history and philosophy of Quakerism. The unique nucleus of the library is *The William H. Jenks Collection of Friends' Tracts*, mostly of the seventeenth century, which numbers about 1500 separately bound titles.

THE RUFUS M. JONES COLLECTION ON MYSTICISM contains almost a thousand books and pamphlets from the fifteenth century to the present day.

THE TOBIAS COLLECTION OF THE WRITINGS OF RUFUS M. JONES is practically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION contains more than 20,000 items, embracing autographs of the signers of the Declaration of Independence, authors, statesmen, scientists, ecclesiastics, and monarchs, and also several series of valuable papers on religious and political history.

THE CHRISTOPHER MORLEY COLLECTION OF AUTOGRAPH LETTERS comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over one hundred contemporary authors are represented.

THE WILLIAM PYLE PHILIPS COLLECTION contains more than seventy-five rare books and manuscripts, mostly of the Renaissance period. Among the treasures of this collection are first editions of Dante, Spenser, the King James Bible, Milton, Newton, and the four folios of Shakespeare.

THE HARRIS COLLECTION OF ANCIENT AND ORIENTAL MANUSCRIPTS contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices collected by J. Rendel Harris.

### *Affiliations*

Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

THE PHILADELPHIA BIBLIOGRAPHY CENTER AND UNION LIBRARY CATALOG, the largest cooperative catalog in America, enables users of the Haverford Library to locate books in over one hundred and fifty libraries of the Philadelphia region. The Haverford Library is also a member of THE PHILADELPHIA METROPOLITAN LIBRARY COUNCIL.

THE LIBRARY ASSOCIATES is an organization of graduates and friends of the College, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to wider notice and to make them available to the whole Haverford community; to encourage the making of gifts to the Library; and to aid in the use of the Library for exhibition purposes. Inquiries should be addressed to The Library, Haverford College.

### Scientific Laboratories

THE WILLIAM J. STRAWBRIDGE MEMORIAL OBSERVATORY is equipped with three equatorially mounted telescopes, a 10-inch and a 4½-inch refractor, and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectroheliograph; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; sidereal clocks, a chronograph, and other instruments. The astronomical library is housed in the Observatory.

THE LYMAN BEECHER HALL CHEMISTRY LABORATORY is a three-story structure with working space in the various laboratories for about two hundred and fifty students. Separate laboratories are available for general chemistry and qualitative analysis, quantitative analysis, organic chemistry, qualitative organic analysis and organic synthesis, semimicro quantitative analysis, and physical chemistry, respectively. In addition two rooms are devoted to the needs of research students. The building is furnished with water, gas, compressed air, and alternating current electricity, and is provided

with a good system of forced draft ventilation. The apparatus equipment is ample for the undergraduate courses. Books and periodicals dealing with chemical subjects are housed in a comfortably furnished library on the first floor which is open to the students.

THE HILLES LABORATORY OF APPLIED SCIENCE houses the Engineering Department. This modern building contains classrooms, drawing rooms, a departmental library, shops, and mechanical and electrical laboratories.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia and frequent inspection trips are made.

SHARPLESS HALL is occupied on the two lower floors by the Department of Physics. Here are situated the departmental library, laboratories, darkrooms, shops, and rooms for individual work. Through the gift of William P. Philips, '02, and through other acquisitions, the department is equipped for advanced work in electronics and x-rays.

The upper floors house the Biology and Psychology laboratories, and the Biology library.

### Natural History Collections

THE NATURAL HISTORY COLLECTIONS, presented to the College by a considerable number of interested friends, are displayed in Sharpless Hall through a gift of the Class of 1915.

### Archaeological Collection

THE BETH SHEMESH MUSEUM on the third floor of Sharpless Hall exhibits the archaeological finds by the late Professor Elihu Grant during a series of field excavations at the site of that name in Palestine. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

### Art Collection

A permanent art collection, including paintings and drawings by Homer, Inness, Pintorricchio, Sargent, Turner, and Whistler, is displayed in the Library.

Temporary exhibitions of paintings, drawings, and photographs are held from time to time at the College.

Framed reproductions of outstanding paintings are available for loan to students at the beginning of each semester.

### Music Collection

In addition to a considerable collection of musical scores and books in the general Library, the special equipment of the Music Department consists of several pianos and a collection of scores, books, and phonograph records presented in 1933 by the Carnegie Corporation. This collection has been amplified by yearly accessions, and now numbers close to 1600 records. A large part of this collection is available to students at stated hours in a special listening room.

THE ALFRED PERCIVAL SMITH ROOMS in the Haverford Union are reserved for music study. There is a larger room with a Steinway Grand for the holding of classes and informal concerts organized by the Music Department, and a small library in which valuable books, scores and records are kept.

The large concerts are held in Roberts Hall where a concert piano and a Hammond organ are at the disposal of artists.

THE HAVERFORD COLLEGE FRIENDS OF MUSIC is an association of friends and neighbors of the College and faculty members, who, in cooperation with the Music Department, arrange for concerts and chamber music held at various times during the year in the Common Room.

### Campus

THE ARBORETUM AND THE WOOLMAN WALK, the latter the gift of Edward Woolman, '93, contain a wide variety of woody plants, both indigenous and exotic, thus permitting direct observation and study by students of the natural sciences.

THE MARY NEWLIN SMITH MEMORIAL GARDEN which adjoins the south side of the Library, while primarily developed as a decorative feature, contains a wealth of flowering shrubs of interest to the botanist.

### The Bucky Foundation

THE BUCKY FOUNDATION, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible students for such an order, maintains an office at the College.

Income from the Foundation has been used to sponsor a Constructive Citizenship program and for the training of students through the Relief and Reconstruction Unit. It is being used to support Haverford participation in a program of week-end camps.

## Fellowships, Prizes and Honors

### Fellowships

THE CLEMENTINE COPE FELLOWSHIP was established in 1899. The income is applied to "assisting worthy and promising graduates of Haverford College in continuing their studies at Haverford or at some other institute, in this country or abroad, approved by the Board of Managers. Candidates shall be nominated by the College Faculty to the Board of Managers."

The Faculty will nominate a First Cope Fellow and a Second Cope Fellow whose individual stipends, not to exceed \$1,000, will be determined by the Board.

Applications for a Clementine Cope Fellowship must be in the hands of the President before March 1, accompanied by whatever statement of extra-curricular activities the candidate considers relevant.

GRADUATE FELLOWSHIPS.—For information regarding graduate fellowships, see page 45.

### Prizes

(All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Business Office. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.)

ALUMNI PRIZE FOR COMPOSITION AND ORATORY.—A prize of \$50 was established by the Alumni Association in 1875 to be awarded annually for excellence in composition and oratory. Competition is open to Freshmen and Sophomores, but the same man may not receive the prize twice. The competition for this prize is administered by the Department of English.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING.—A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a comprehensive topic during a full college year.

Candidates for these prizes must register with the chairman of the depart-



ment under whose supervision the work will be performed. The department is responsible for guiding his work and reporting his achievement to the Committee on Fellowships and Prizes for final judgment. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

Interested students should apply directly to a relevant department for information.

**THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS.**—Two prizes of \$10 each, in books, to be known as "The Class of 1896 Prizes in Latin and Mathematics," were established by the bequest of Paul D. I. Maier of the Class of 1896. They are awarded at the end of the Sophomore year to the students who have done the best work for two years in the Departments concerned.

**THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY.**—A prize of \$100 was established by the Class of 1898 on the twenty-fifth anniversary of its graduation in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize may be awarded to a student who has attained a high degree of proficiency in Chemistry and who shows promise of contributing substantially to the advancement of that science. It may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or it may be withheld.

**THE CLASS OF 1902 PRIZE IN LATIN.**—A prize of \$10 in books is offered annually by the Class of 1902 to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory. At the discretion of the professor in charge of the Department, this prize may be omitted in any year.

**THE DEPARTMENT PRIZES IN MATHEMATICS.**—A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held annually on the first Monday after the Spring Recess, and is open to Freshmen only.

**ELLISTON P. MORRIS AND ELIZABETH P. SMITH PEACE PRIZES.**—These have been combined for the year 1953-54 into a single competition offering three awards of \$200.00, \$100.00 and \$50.00 respectively. It is open to all undergraduates and to graduate students.

The prizes are awarded for the best essays bearing on the general topic of "Means of Achieving International Peace." Essays should be deposited with

the Registrar before May 1. The judges shall be appointed by the President of the College.

Prizes will not be awarded if, in the opinion of the judges, a sufficiently high standard of merit has not been attained.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE.—A prize of \$40 and a second prize of \$25, in books, are offered annually to any student who, in the judgment of the professor in charge, does the most satisfactory outside reading in Philosophy in connection with the courses in that Department.

A prize of \$40 and a second prize of \$25, in books, are offered annually to any student who, in the judgment of the professor in charge, does the most satisfactory reading on the Bible and related subjects.

THE SCHOLARSHIP IMPROVEMENT PRIZES.—A first prize of \$50 and a second prize of \$45 are awarded at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES.—A first prize of \$15 and a second prize of \$10 are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

THE FOUNDERS CLUB PRIZE.—A prize of \$25 is offered and awarded annually by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY.—A prize of \$100 is offered annually for competition in the Department of History under the following general provisions:

*First*—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

*Second*—The prize shall not be awarded twice to the same student.

*Third*—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

#### *Conditions*

In competition for this prize an essay of not less than 5,000 words shall

be submitted as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected with the approval of a member of the Department of History.

Essays should be typewritten and deposited with the Registrar before May 1.

**THE NEWTON PRIZE IN ENGLISH LITERATURE.**—A prize of \$50 established by A. E. Newton may be awarded annually on the basis of Final Honors in English, provided that the work of the leading candidate, in the judgment of the English Department, merits this award.

**THE WILLIAM ELLIS SCULL PRIZE.**—A prize of \$50 established in 1929 by William Ellis Scull, '83, is awarded annually to the upperclassman who shall have shown "the greatest achievement in voice and in the articulation of the English language." This prize is administered by the Department of English.

**THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS.**—A prize of \$50 in memory of Dr. George Peirce, '03, is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who have expressed the intention of engaging in research.

**THE STUDENT ORGANIZATION PRIZE.**—Classmates of Edmund Jennings Lee, 1942, who lost his life in the service of his country, have established in his memory a fund, the income from which is to be given annually to that student organization which, in the opinion of a committee of judges, has contributed most toward advancing the interests of the College.

**THE THERESA HELBURN PLAYWRITING AWARD.**—These awards, open to all students of Bryn Mawr College, are given by Theresa Helburn to encourage playwriting. The prize consists of \$50 for the best one-act play and \$100 for the best full-length play submitted each year and considered worthy. Original work is required; adaptations, translations and collaborations are not eligible. Haverford students in playwriting may submit manuscripts for these awards.

## Honor Societies

PHI BETA KAPPA.—The Haverford College Chapter of the Phi Beta Kappa Society of America was chartered in 1898 as Zeta of Pennsylvania. Election of members-in-course, alumni members, and Honorary members, based upon scholarly attainment and distinction, takes place at the end of the academic year. *President*: Lucius R. Shero, '11; *Vice President*: Irvin C. Poley, '12; *Secretary*: Harry W. Pfund, '22; *Treasurer*: Holland Hunter, '43.

FOUNDERS CLUB.—The Founders Club was established in 1914 as a Haverford organization of students, alumni, and faculty. Election to its membership is recognition of a sound academic record combined with noteworthy participation in extra-curricular activities. Undergraduate elections are usually limited to the Junior and Senior classes. *President*: Charles R. Williams, '14; *Secretary*: W. Wistar Comfort, '54.

## Honors

Honors are awarded for excellence in the studies of single courses or departments. They are never given merely for performance of routine work in courses; a considerable amount of extra work is demanded in every case.

Honors are of two kinds: *Honorable Mention* in a single course, and *Final Honors* for work in a department.

*Honorable Mention* will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, and additional work to the total amount of not less than 75 hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and may be required to pass an examination on the additional work. Two courses of one semester each in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for *Honorable Mention*, but who has not done the additional work required in connection with that course, may do so, with the consent of the professor in charge, during the Sophomore year.

*Final Honors* are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a Major field of concentration has been done with marked distinction and has been more profound or extensive than the minimum required. The award of Honors is at the discretion of the Major Department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recom-

mentation of a department or a group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors the opinion of an outside examiner may be obtained if it is thought desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit. Honors, High Honors, and Highest Honors shall automatically add one, two, and three points, respectively, to the average for the Senior year of each student receiving one of these awards.

## General Alumni Association of Haverford College

### *President*

EDWARD R. MOON, '16  
Girard Trust Company  
Broad and Chestnut Streets  
Philadelphia, Pa.

### *1st Vice President*

ALLEN C. THOMAS, JR., '28  
The Penn Mutual Life Insurance Company  
530 Walnut Street  
Philadelphia 5, Pa.

### *2nd Vice President*

CHARLES WARNER, JR., '23  
Warner Company  
219 North Broad Street  
Philadelphia, Pa.

### *3rd Vice President*

RICHARD S. BOWMAN, '38  
Cooper Union  
Cooper Square  
New York, N. Y.

### *Executive Secretary*

BENNETT S. COOPER, '18  
Haverford College  
Haverford, Pa.

### *Treasurer*

BENJAMIN S. LOWENSTEIN, '34  
1736 Land Title Bldg.  
Philadelphia 10, Pa.

HAVERFORD CLUB OF PHILADELPHIA  
 Meridian Club  
 Chancellor and Camac Sts., Philadelphia, Pa.

- President* . . . . . CHARLES WARNER, JR., '23  
 Warner Company, 219 North Broad St., Phila., Pa.
- Vice-President* . . . . . ROLAND C. NEUHAUS, '49  
 54 Peachtree Lane, Levittown, Pa.
- Secretary* . . . . . ERNEST N. VOTAW, '15  
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- Treasurer* . . . . . WILLIAM M. MAIER, '31  
 1104-12 Stock Exchange Bldg., 1411 Walnut St., Phila. 2, Pa.

HAVERFORD SOCIETY OF NEW YORK

- President* . . . . . RAY B. HOUSTON, '34  
 30 Rockefeller Plaza, New York 20, N. Y.
- Vice-President* . . . . . ROBERT MACCRATE, '43  
 48 Wall St., New York 5, N. Y.
- Vice-President* . . . . . NELSON J. HOGENAUER, '28  
 The Hanover Bank, 70 Broadway, New York 15, N. Y.
- Secretary* . . . . . JOHN C. WHITEHEAD, '43  
 Goldman, Sachs & Co., 30 Pine St., New York, N. Y.
- Treasurer* . . . . . GUNTHER FRANKL, '48  
 Ernes Frankl Associates, 10 East 40th St., New York 16, N. Y.

HAVERFORD SOCIETY OF MARYLAND

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 4006 Alto Road, Baltimore 16, Md.
- Vice-President* . . . . . JOHN L. PARKER, '36  
 606 Marwood Road, Towson, Md.
- Secretary* . . . . . JOSEPH W. SENER, '50  
 John C. Legg & Company, Baltimore 3, Md.
- Treasurer* . . . . . E. HAMBLETON WELBOURN, JR., '38  
 Connecticut General Life Insurance Co., Baltimore, Md.

PITTSBURGH ALUMNI ASSOCIATION OF HAVERFORD COLLEGE

- President* . . . . . WILLARD E. MEAD, '26  
5800 Walnut St., Pittsburgh 6, Pa.
- Secretary* . . . . . J. STANTON CARSON, '24  
624 Frick Bldg., Pittsburgh 19, Pa.
- Treasurer* . . . . . JAMES M. HOUSTON, '31  
717 Oliver Bldg., Pittsburgh 22, Pa.

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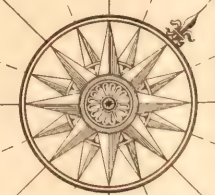
# A MAP OF THE GROUNDS OF HAVERFORD COLLEGE

Founded by the SOCIETY of FRIENDS in 1835  
Sited in Haverford Township, Delaware County, and in  
Lower Merion Township, Montgomery County.  
HAVERFORD, PENNA

- ## Legend
- 1 Founders Hall
  - 2 Barclay Hall
  - 3 Roberts Hall
  - 4 Haverford Union
  - 5 Lloyd Hall
  - 6 Servants Dormitory
  - 7 Whitall Hall
  - 8 Chase Hall
  - 9 Strawbridge Observatory
  - 10 Morris Infirmary
  - 11 Mary Neulin Smith Garden
  - 12 The Library
  - 13 Tjman Beecher Hall Chem. Lab.
  - 14 The Gymnasium
  - 15 Hillis Lab. of Applied Science
  - 16 Isaac Sharpless Hall
  - 17 Cricket Pavilion
  - 18 Power House
  - 19 Walter C. Smith Grand Stand
  - 20 George J. Bard Gateway
  - 21 Class of 1912 Gateway
  - 22 Class of 1906 Gateway
  - 23 Edward B. Conklin Gateway
  - 24 Merion Annex
  - 25 Merion Cottage
  - 26 Strawbridge Gateway
  - 27 The French House
  - 28 Farm Buildings
  - 29 Haverford Friends School
  - 30 Haverford Meetings House
  - 31 Williams House
  - 32 Garnall House



FOUNDERS HALL



ENVELOPE REWARDS  
DEBIT - 1904





# HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE  
*REPORT OF THE PRESIDENT*  
1952 - 1953

VOLUME LII

NUMBER TWO

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*October, 1953*





## REPORT OF THE PRESIDENT

*presented at the  
Annual Meeting of the Corporation  
of Haverford College*

*October 20, 1953*

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THIS is a good time to take stock of what Haverford College has been doing and of where it is going. The College either has passed or is rapidly approaching several milestones in its development. These make it plain that emergency conditions affecting College program are behind us for the moment. While the world scene does not permit sanguine predictions of normal events, we do seem warranted in making some comments on the road immediately behind and immediately ahead.

The Corporation holds the final control of a College which is small as American colleges go and which, unlike most of its fellows, is trying to grow smaller. Its chief resource is a tradition of concern for liberal education and for Quaker beliefs and methods. Around this concern are gathered students and faculty who are sympathetic to it, and who are the essential elements of a college. Courses of study, buildings and grounds, endowment, and alumni organization all are important. But they are important only as they contribute to an environment in which young men may be encouraged to grow in intellectual ability, in moral and spiritual sensitivity, and in the courage to act upon their convictions. A good college constantly is seeking new ways of enlarging or using its resources of tradition, people, and materials. It tries to promote its students' growth in an increasingly complex society, applying old wisdom and insights to new needs.

In recent years Haverford has made some major changes in its use of its particular resources. It set out to reduce its enrollment from 556 to 400-450, and this year has reached the number of 462 undergraduates. Additions to endowment have permitted substantial increases in faculty salaries, and raises in tuition and endowed funds have made possible major increases in scholarships for needy students. Students have taken on more responsibilities in College management and have merited that confidence.

Experiments in general courses in humanities, social sciences, biological science and physical science, as well as a new offering in human relations, have been tried and have warranted being continued. Efforts to provide more personal and searching instruction at the freshman level in reading and writing on human values, and at the senior level in special projects have proven their worth. Academic collaboration with Bryn Mawr and Swarthmore has become a normal procedure. The debt has been paid off and a reserve fund established. The deterioration in buildings and grounds which took place during the war has been remedied. For the first time in several decades the College could afford to ask for financial assistance for new physical improvements. The building program that was considered at this meeting last year is moving ahead in good order. Alumni understanding and support for the College has been stimulated and strengthened.

It now may be asked how far these changes and prospective changes advance the College toward its basic objectives. As a founding member of the Middle States Association of Colleges and Secondary Schools, Haverford had never been evaluated for accreditation by the Association. This was done during the past year, and the resulting report reveals several ways in which, in the opinion of the inspecting committee, improvements might be made in administration and library management.

Looking at the College as a whole, it seems to me that we have five major problems at the present time. First, and I name it first because we are only a third of the way through with the job, we need to complete the new dormitory, the field house and the renovation program so as to give facilities for a simple but uncrowded college life. Second, the level of faculty salaries must be increased still further to keep pace with mounting costs of living. While much improved over 1947 the salaries are far from adequate by comparison with living costs and with levels in other professions. Third, the scholarship funds must be augmented beyond those now in sight if we are to have the diversity in background of students required for their best development. Fourth, we need to find ways of readjusting the teaching program so that with the same number of faculty there will be less routine work and more personal guidance expected of each member. It is unreasonable to plan for an enlarged faculty: the problem is to make better use of the time already freely available. Fifth, and most important, the College must seek to change its general environment so that intellectual inquiry, religious searching, and a sense of social responsibility play a larger role in student life. This is a subtle problem which should be the constant

preoccupation of a college faculty. While the performance of recent Haverford graduates in professional schools and graduate departments hardly suggests that they have been handicapped by their Haverford experience, it is clear that the atmosphere of the College leaves much to be desired. Friends like to think in terms of a way of life that has depth, simplicity and integrity. We still fall short of using our unique resources to cultivate fully that quality of life.

With these problems in mind it may be helpful to review the main events of the past year.

### *COLLEGE PROGRAM*

The three-year experiment with Freshman English under a grant from the Carnegie Corporation came to a close last spring. Judgment of faculty and students was united in rating it a successful effort to direct the reading and writing of new students toward basic issues of human values. The tutorial method found solid use in the course, and what had been a grudgingly performed requirement became probably the most exciting and popular of the College offerings. We decided to continue the course on the regular budget, making further experiments as to maximum class size.

Projects courses also found general acceptance during the year. They now are regarded in most departments as normal opportunities for promising juniors and seniors to explore new fields or to sail over old ones quite independently. We still have much to learn as to the means of handling such projects without undue burden on faculty members, but it seems clear that we should continue them in some form.

A new venture in teaching began during the summer with the appointment of a faculty committee, supported by a grant from the Rockefeller Foundation, to plan a senior seminar which would seek to draw together a student's experience of all sorts, in helping him understand and take a position on fundamental issues of thought. The same group is looking into possible ways of offering courses that would place full responsibility upon the students, without faculty guidance, to read and analyze an extensive set of writings in a field of knowledge. As we have stressed a highly personalized guidance in tutorials and advanced seminars we also have paid more attention to placing students completely on their own in certain areas.

The second year of bringing distinguished scientists and statesmen as

visitors under the Philips' Fund saw the exercise of much ingenuity in using the experience of those men. We were fortunate in the visitors and in their willingness to try a wide variety of arrangements for lectures, informal meetings, and participation in regular classes. Still other arrangements are being tried this year.

A major innovation was made in the graduate curriculum in social and technical assistance. At the beginning of the first semester all students took part in a work project at the self-help housing scheme in downtown Philadelphia. In the middle of the year they joined in a six-weeks' work and study program on the Cherokee Indian Reservation, North Carolina. Both projects were intended to give them first-hand acquaintance with field problems and to test their abilities in such situations.

### *FACULTY*

The faculty suffered two major losses in the deaths of Howard Henry and Herbert Taylor. Howard Henry had served for 23 years in the Department of Biology where he had been responsible for quietly thorough and sympathetic teaching. He also had been a prime mover of the Campus Club and through it in the planting of the entire campus. The graceful arrangement of trees at Haverford is in part a monument to his affectionate concern for the College.

Herbert Taylor had given part of his time to Haverford medical problems for 33 years. Students and faculty alike knew him as a kindly counselor, as a friend, as an interested member of many athletic trips, as well as a skilled physician.

On leave for the entire year were Wayne Booth and Cletus Oakley who were recipients of Faculty Fellowships to support studies in philosophy and in the teaching of mathematics. Absent for one semester each were Holland Hunter who was making a study of Soviet transport, Ralph Sargent who was working in Elizabethan literature, Edward Snyder who was writing up research on Poe and Whittier, and Douglas Steere who was traveling in Africa under the auspices of the American Friends Service Committee.

This year Marcel Gutwirth is investigating some aspects of Moliere's drama while on a Fulbright Fellowship in France. H. Field Haviland, Jr. has a Faculty Fellowship for the study of economic theory, John A. Lester, Jr. is studying Victorian literature in Oxford, and Howard M. Teaf, Jr.

is on a Fulbright Fellowship as a visiting member of the Institute of Social Studies at The Hague. Among the temporary appointments are Georges Auclair in the Romance Language Department, Irving Barnett in the Economics Department, Paul Johnson of Occidental College as Visiting Associate Professor of Mathematics, Morton Kaplan in the Political Science Department, Ariel Loewy in the Biology Department, and William Lander as College physician.

Two men begin longer-term appointments at the College this year. Milton Gordon of Drew University begins service as an Assistant Professor of Sociology. Wallace MacCaffrey of the University of California at Los Angeles becomes Associate Professor of English Constitutional History on the Scull Fund.

### *J. HENRY SCATTERGOOD*

In the death of J. Henry Scattergood, the College lost an alumnus and manager who had occupied an unusually close position of guidance in matters of finance and administration for more than 36 years. Even after his retirement as Treasurer of the College he maintained his interest in its management and could be depended upon for incisive, pithy advice on its problems. Like Morris Leeds, he approached the faculty as a colleague and he shared their enthusiasm for discovery — scientific or alpine.

### *STUDENTS*

Each year since 1948 Haverford has succeeded in reducing its total enrollment over the preceding year. Financial considerations have worked against such reduction, but the benefits from a smaller, better integrated community have seemed to outweigh those costs. Now the hoped-for maximum of 450 undergraduates is approaching. In another year or two the College should be at what in another time of history might have been called "normal". Reducing the size without reducing the range of student activities means that larger student participation is encouraged.

While the numbers are nearing an optimum, the variety in experience and background of students is far from being satisfactory. The new general scholarship program which was initiated this autumn in memory of Morris E. Leeds will help considerably, but will not fully supply the range in economic background which would be most helpful to the mutual education of our students.

Students have done a more thorough job of explaining the meaning of the Honor System than ever before. A special booklet was printed, and this autumn the new students were invited to arrive three days in advance of the opening of College for a period of orientation managed by the upperclassmen.

### *PLANT*

Under the regular College budget the renovation of physical facilities continued at a modest pace. Dormitory rooms were painted, new plumbing installed in Lloyd, new doors installed in Barclay, the parking lot behind Lloyd extended and paved, and new mattresses purchased for all the dormitories. Over the years the cumulative effect of Campus Day, in which students and faculty join in College upkeep, has been great and shows itself in the improvements that the staff have been able to make.

### *ALUMNI*

Out of the session of the Alumni Council last June came a wider understanding of the College's policy in dealing with controversial public issues. The Council seems to be justifying the hopes held for it as an additional channel of communication between alumni and College.

One resolution passed by the Council deserves recording here at a time when so much of the American educational world is irritated by discontent with the handling of unorthodox ideas and unorthodox teachers. It is as follows:

"We affirm the principle of academic freedom to which the faculty and Managers of Haverford College subscribed and which has been set forth as follows:

(a) The teacher in his search for truth is entitled to full freedom in research and in the publication of the results, subject to the adequate performance of his other academic duties.

(b) The teacher in the exposition of truth as he sees it is entitled to freedom in the classroom in discussing his subject, but he should not, for propaganda purposes, introduce into his teaching controversial matter which has no relation to his subject.

(c) The college teacher is a citizen, a member of a learned profession,



and an officer of an educational institution. When he writes or speaks as an individual member of the community, he should be free from college censorship or discipline, but his special position in the community imposes special obligations. As a man of yearning and an educational officer, he should remember that the public may judge his profession and the college by his utterances. Hence, he should show respect for the opinions of others, and when speaking as a citizen or as an individual member of the community, should make every effort to indicate that he is speaking as such and not for the college.

We wish to affirm that quality in free men and societies which permits dissent, encourages the clash of opinion, and fosters a climate where the new or unpopular idea is examined honestly and objectively, along with those held by the majority. In this climate, teaching and the search for new knowledge flourish."

### FINANCES

During the year the College was happy to be able to make a further increase in faculty salaries. The bands for the various ranks now are set as follows:

Professor .....	\$7,200-\$10,000
Associate Professor .....	5,500- 7,100
Assistant Professor .....	4,500- 5,400
Instructor .....	4,400

Tuition was increased, effective September 1, 1953, to \$675.00 making the total minimum annual cost of a Haverford education \$1,356.50. At the same time the funds available for scholarships were enlarged by the allocation of approximately \$20,000 annually to the new Leeds' scholarships.

Haverford joined with 49 other Pennsylvania institutions in the formation of the Pennsylvania Foundation for Independent Colleges. This venture is in the formative stage and its effect in seeking understanding support from industries of the State is uncertain.

### DEVELOPMENT PROGRAM

Probably the major event of the year was the initiation of the new development program designed to raise funds for the construction of new dormitory housing, a field house, and renovated facilities in older buildings at a total cost of \$1,000,000. New faculty housing would be provided on

a self-liquidating basis in Merion and Merion Annex. For these purposes the regular annual giving was expanded for a three-year period. It was decided that all receipts would be devoted to the development program, and that the expenses of annual giving and of the Alumni Association would be carried from other sources. The Board of Managers decided that it was prepared to allocate from capital funds one dollar for each two dollars contributed. Architects were authorized to prepare preliminary plans.

Leadership for the program was in the hands of a committee of which Jonathan Rhoads was chairman and John Williams was vice-chairman. Their guidance and that of Lester Haworth led to a nation-wide organization which now has the program underway. Before the end of the first year we have received approximately 40 percent of the total needed. The response has been warm and encouraging.

The completion of this essential improvement in the physical plant is our next step. As we work on it we should bear the other major problems of the College in mind. Maintenance of a good faculty and of a diversified student body, readjustment of the teaching program, and cultivation of a more scholarly and Quakerly environment, all are involved in forming the genuinely liberal arts college which Haverford aspires to be. The steps that have been taken in the past year seem on the whole to have been in that direction.

GILBERT F. WHITE

## STATISTICS FOR REPORT OF THE PRESIDENT 1952-1953

### ENROLLMENT

Fall Semester, 1949 .....	528
Spring Semester, 1950 .....	505
Fall Semester, 1950 .....	509
Spring Semester, 1951 .....	476
Fall Semester, 1951 .....	499
Spring Semester, 1952 .....	480
Fall Semester, 1952 .....	493
Spring Semester, 1953 .....	489
Fall Semester, 1953 .....	480*
*Undergraduate students .....	462
<i>Graduate and Special Students</i> .....	18

## COMPOSITION OF THE STUDENT BODY, FALL SEMESTER, 1953

The student body represents 27 states. In addition to Puerto Rico and American Samoa, the following foreign countries are represented: Austria, Bolivia, Cuba, Germany, Haiti, India, Japan, Jordan, Liberia, Netherlands, Thailand, Venezuela.

Students who are members of the Society of Friends number 58, or 12 percent of the total.

### REGISTRATION IN ACADEMIC COURSES

<i>Department</i>	<i>Registration*</i>								
	1953	1952	1951	1950	1949	1948	1947	1946	1945
Astronomy .....	41	48	26	23	19	16	18	12	1
Biblical Literature .....	35	39	38	42	37	65	36	33	1
Biology .....	42	35	54	36	64	48	56	93	61
Chemistry .....	206	190	169	177	162	187	232	193	79
Economics .....	132	76	153	139	169	212	226	115	30
Engineering .....	32	33	34	37	50	44	39	43	17
English .....	312	364	367	411	412	414	353	423	151
French .....	106	102	91	94	99	86	120	107	43
German .....	108	118	113	96	125	129	157	140	56
Greek .....	14	27	44	31	25	34	46	30	2
History .....	110	117	115	137	166	242	177	208	94
History of Art .....	38	30	26	15	15	24	—	—	—
Latin .....	13	11	8	5	6	3	15	12	8
Mathematics .....	177	151	177	152	207	176	184	198	68
Music .....	16	19	12	19	13	11	11	25	7
Philosophy .....	184	171	177	218	235	213	284	181	56
Physics .....	68	83	51	77	57	98	76	73	34
Political Science .....	130	179	159	138	178	180	216	148	31
Psychology .....	123	108	118	137	108	174	93	97	27
Russian .....	12	16	14	6	9	12	8	8	0
Sociology .....	77	51	66	49	95	107	108	153	42
Spanish .....	51	54	54	58	57	70	100	84	22
<i>General Courses</i>									
Biological Science .....	56	60	53	65	56	57	63	0	0
Humanities .....	47	61	70	80	35	41	19	4	6
Physical Science .....	43	65	54	35	51	36	52	0	0
Social Science .....	141	146	122	149	114	52	0	0	0

## SOCIAL AND TECHNICAL ASSISTANCE PROGRAM

Psychology 91 — Anthropology and Human Relations .....	12
Social Science 91 — Case Study of Assistance Programs .....	12
Social Science 93 — Orientation Seminar .....	12
Social Science 95 — Fundamental Education .....	8

### HAVERFORD STUDENTS AT BRYN MAWR

Classical Archaeology .....	1
English .....	2
Geology .....	11
Greek .....	1
History .....	1
History of Art .....	4
Mathematics .....	1
Music .....	1
Philosophy .....	4
Physics .....	1
Psychology .....	1
Russian .....	9
Spanish .....	2
Social Science (Graduate School) .....	7

### HAVERFORD STUDENTS AT THE UNIVERSITY OF PENNSYLVANIA

Music .....	2
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### DEGREES GRANTED, June 5, 1953

A.B. ....	77
S.B. ....	34
A.M. ....	29
S.M. ....	3

*\*Statistics show the course registrations for the Fall Semester of each year.*

## COLLEGE VISITORS

1952-1953

### *Collection Speakers*

Ralph J. Bunche, Director, Trusteeship Division, United Nations  
Henry J. Cadbury, Hollis Professor of Divinity, Harvard University  
James Callaghan, Member of Parliament from South Cardiff, Wales  
K. K. Chandy, Fellowship of Reconciliation, India  
Robert P. Tristram Coffin, poet, Bowdoin College  
Theodore S. Hauschka, Institute for Cancer Research, Philadelphia  
Maurice Herzog, leader of the 1950 French Expedition to Annapurna  
Herman Hickman, athletic director and commentator  
Walter Kelly, cartoonist, New York City  
William L. Laurence, *The New York Times*  
Mother Mary Lawrence, Rosemont College  
Patrick Murphy Malin, American Civil Liberties Union  
Jacques Maritain, Professor of Philosophy, Princeton University  
David Mitrany, Institute for Advanced Study, Princeton  
Branch Rickey, General Manager of Pittsburgh Baseball Club  
Andrew C. Ritchie, The Museum of Modern Art, New York City  
Eleanor Roosevelt, member of United States Delegation to the United Nations  
Abram L. Sachar, President, Brandeis University  
Douglas V. Steere, T. Wistar Brown Professor of Philosophy, Haverford College  
Hugh S. Taylor, Dean of the Graduate School, Princeton University

### *Departmental Visitors*

Roger Adams, Professor of Chemistry, University of Illinois  
Wroe Alderson, Alderson and Sessions, Philadelphia  
Gordon Allport, Professor of Psychology, Harvard University  
Herman Ausubel, Assistant Professor of History, Columbia University  
William O. Aydelotte, Chairman, Department of History, State University of Iowa  
Marston Bates, Professor of Biology, University of Michigan  
Kay Beach, American Friends Service Committee  
Abe Belsky, Director of Education, I.L.G.W.U.  
B. Franklin Blair, statistician, Provident Mutual Life Insurance Company  
Bart J. Bok, Professor of Astronomy, Harvard University  
S. Chandrasekhar, Professor of Theoretical Astrophysics, University of Chicago  
William A. Chaney, Assistant Professor of History, Lawrence College  
F. Peter Cobb, British Administrative Officer, Nigeria  
Wilbur J. Cohen, Technical Adviser to the Commissioner, Social Security Administration  
Nevzat Dansuk, Provincial Governor, Turkey

Dorothy Day, Catholic Workers' Movement, New York City  
 Samuel W. Ferris, Sun Oil Company  
 John Fisher, General Electric Research Laboratory  
 Peter G. Franck, Department of Economics, American University,  
 Washington, D. C.  
 Earl G. Harrison, attorney, Philadelphia  
 Robert T. Henry, Technical Assistance Secretary, Agricultural Missions, Inc.,  
 New York City  
 Charles W. Hires, Jr., Charles W. Hires Company  
 Lewis Hoskins, American Friends Service Committee  
 Madame Ahmed Hussein, social worker, Egypt  
 Joachim Jaenicke, Second Secretary, German Diplomatic Mission,  
 Washington, D. C.  
 Ernest Jockers, Professor of German Literature, University of Pennsylvania  
 Edward Kennard, Professor of Anthropology and Director, Foreign Service  
 Training Institute, Washington, D. C.  
 Sir Zaphrulla Khan, Foreign Minister of Pakistan  
 Alexander Leighton, Professor of Sociology, Cornell University  
 David Longmaid, Director, Southeastern Pennsylvania Regional Planning  
 Commission  
 Wallace T. MacCaffrey, Assistant Professor of History, University of California  
 at Los Angeles  
 Archibald MacLeish, Professor of Rhetoric, Harvard University  
 Harekrushna Mahtab, Secretary-General, India Congress Party; President, India  
 Youth Council  
 Madame Wadia Makdessi, Beirut, Lebanon  
 Thomas McConnell, III, Vice President, C. Schmidt & Sons, Philadelphia  
 William F. Mengert, Professor of Gynecology, Southwestern Medical School  
 Paul Mercier, French Institute for Black Africa, Dakar, French West Africa  
 Robert B. Moody, formerly Foreign Service, Department of State, and Mission to  
 Turkey, Economic Cooperation Administration  
 Kenneth W. Morgan, Professor of Religion and Chaplain, Colgate University  
 Wright Morris, novelist  
 Frank A. Notestein, Professor of Demography, Princeton University  
 John Patterson, Director of Service Operations, Penn Fruit Stores  
 Viola Pfrommer, American Friends Service Committee  
 William Rafsky, Executive Secretary, Office of the Mayor, Philadelphia  
 Jack Rees, M.D., Director, World Federation for Mental Health  
 D. Patrick Robinson, National Bank of Germantown and Trust Company  
 Emory Ross, Africa Committee, Division of Foreign Missions, National Council  
 of the Churches of Christ  
 Clinton Rossiter, Professor of Government, Cornell University  
 Bennett Schaufler, Director, Regional Office, National Labor Relations Board  
 Paul Schrecker, Professor of Philosophy, University of Pennsylvania  
 John Sessions, Assistant Education Director, International Association of Machinists  
 Jerome Shaloo, Professor of Sociology, University of Pennsylvania

Don Stevenson, Bolivian Mission, Technical Cooperation Administration  
John Stoll, Chairman, Department of Physics, University of Maryland  
Daisetz T. Suzuki, Visiting Professor, School of Japanese Studies, Columbia  
University  
Dylan Thomas, poet  
Kurt Thomas, Professor, Northwest Conservatory of Music, Detmold  
Mottram Torre, psychiatrist, Technical Cooperation Administration,  
Washington, D. C.  
Henry Veatch, Professor of Philosophy, Indiana University  
Hans Henrich Voigt, Max Planck Institute, Göttingen  
Anthony Wallace, Assistant Professor of Sociology, University of Pennsylvania  
Robert K. Webb, Instructor in History, Wesleyan University  
Paul Weiss, Professor of Philosophy, Yale University  
Bruno E. Werner, Cultural Counsellor, German Diplomatic Mission  
Robert West, British Consul, Philadelphia  
Geoffrey M. Wilson, Director, Bureau for Technical Cooperation, Colombo, Ceylon  
John Witthoft, State Anthropologist, Harrisburg  
Edgar B. Worthington, Secretary-General, Scientific Council for Africa South of  
the Sahara, Nairobi, Kenya  
John A. Zapp, Jr., Laboratory of Industrial Toxicology, E. I. du Pont de Nemours  
& Co.

*Advisory Committee on the Graduate Program*

Scott Buchanan, Foundation for World Government, Charlottesville, Va.  
Robert W. Hudgens, Director, American International Association for Economic  
and Social Development, New York City  
Otto Klineberg, Professor of Psychology, Columbia University  
Isador Lubin, formerly U. S. Representative on Economic and Security Council,  
United Nations  
William F. Machold, Drexel & Co., Philadelphia  
Dillon S. Myer, formerly Commissioner, Bureau of Indian Affairs,  
Washington, D. C.  
Donald C. Stone, Director of Administration, Mutual Security Agency,  
Washington, D. C.  
George Strode, formerly Director, International Health Division, Rockefeller  
Foundation

## REPORT OF THE LIBRARIAN

1952-1953

The years since the start of the Haverford Campaign in 1949 have shown a continuing increase in Library funds available for books and periodicals. Thanks very largely to the Campaign Fund and the Philips Bequest, book-and-periodical funds have grown from \$11,000 in 1948-49 to \$18,000 in 1952-53. In every type of Library book-purchase—departmental and interdepartmental orders, bibliography and reference, and periodicals—we are in a stronger position than ever before to meet the needs of students and faculty, and the problem of rising book costs.

There is a double satisfaction in this. First, we can feel now that we are in a position to meet virtually all of what might be called the basic teaching requirements of the various departments. Books needed for outside reading, books referred to or recommended in the classroom, can, with very few exceptions, be acquired for the Library. At some points the Library is able to go further, to consider and propose new resources of research and study which might enrich and give new direction to undergraduate work. The International Documents Collection and the establishment of a micro-film center during the past year indicate that the Library is able to make a more active contribution to the development of the curriculum than has been possible before.

Second, with the increase in funds for book-purchase, we have now reached a stage where we can give full and free thought to planning the rôle and future development of the Library at Haverford. For some years past, indeed since before the war, the only possible policy has been to meet the urgent needs of the faculty as best we could. The major problems have been the immediate and pressing ones; there has been little chance for long-range planning. Post-war changes in the curriculum — the advent of general courses, project and reading courses, and the Social and Technical Assistance graduate program — thus have come without any extensive consideration of what changes they should entail for the Library. In the same period the funds from the Philips Bequest for periodicals and rare books have come to the Library, and there is need for fuller Library and faculty consideration of how these resources can be used to strengthen the curriculum most effectively.



Clearly a full study of the ideal rôle of the Library in the Haverford program is in order. Only from such a study can we know the answers to other corollary questions which cannot be positively answered now. How large a staff should the Haverford Library have? How should it be organized to serve Haverford's needs most effectively? To what extent should the Library staff assist actively, through a Reference Department (we have none at present), in orienting the student to research facilities and materials in his field? In view of the increasing number of seminar and project courses in the curriculum, what research facilities ought the Library to provide — of what sort, and how extensive? What are the special services of circulation and reserve books most needed in our Library? Several of these questions are given sharp focus by Helmer Webb, in his able evaluation of the Haverford Library, done in connection with the visit of the Evaluating Committee of the Middle States Association of Colleges and Secondary Schools in February of the past year.

All these questions, however much some may seem purely administrative, are related directly to educational policy, and it is appropriate that the study of them is to be undertaken by the faculty Library Committee, in consultation with the faculty as a whole, during the coming two years. It is very gratifying to have reached a stage where such a general survey and charting of our course is possible.

In reviewing events of the past year in the Library, special mention should be made of the Philips Celebration, held on the afternoon and evening of December 1, 1952. A large part of the celebration was centered in the Library building, where the William Pyle Philips Collection of rare books was first opened for public exhibition, and where the renovated North Wing, with the Neilson portrait of William Philips, was formally opened. At the afternoon meeting in the Treasure Room, where the Philips books of the English Renaissance were displayed, Professor Douglas Bush, of Harvard University, spoke on "The Vitality of Renaissance Humanism," and Miss Margaret Webster on "The Living Shakespeare." The theme of the celebration, a recognition of William Philips' devotion to the humanities, culminated in Archibald MacLeish's evening address in Roberts Hall, on the topic, "The Humanities in this Time and Place."

A memorial booklet, *William Pyle Philips, 1882-1950*, was published on this occasion, containing a biographical sketch by Edward Evans, '05, and Alexander Wood, '02, an essay entitled "Books of the Renaissance," by

Professor Ralph Sargent, and a descriptive catalogue of the books in the Philips Collection by Professor C. William Miller of Temple University. Copies of this booklet were given to guests at the afternoon meeting, and over 450 copies distributed during the year. A shorter version of the booklet, entitled *The William Pyle Philips Collection* and omitting the biographical sketch of William Philips, was also published, primarily for scholars, bookmen, and scholarly libraries. Some 1000 copies of the shorter version have thus far been distributed to libraries and scholars in the United States and abroad.

### PHYSICAL PLANT

Three notable physical improvements were made in the Library during the past year. First — actually a whole cluster of renovations undertaken previous to the Philips Celebration — the walls of the center and South Wing were repainted, rubber matting provided for the circulation and reference section floors, new lampshades obtained for the reference section and South Wing, and a new and much brighter lighting system installed over the South Wing reading tables. The Library is a much brighter and more inviting place, both to the casual visitor and to the College student, as a result of these improvements.

Second, a wire-mesh partition has been constructed to close off the east end of the 5th floor of the stacks. The partition provides us with a locked area for Treasure Room expansion and the Haverfordiana Collection on the one hand, and on the other it has enabled us to open the 5th floor shelves to general use and to use those shelves for expansion of our main open-shelf collections.

Third, and by no means least, the Library has acquired a handsome new microfilm reader and microfilm cabinet, and has made a start toward establishing a microfilm center for undergraduate use. The reader and cabinet are the gift of the graduating Class of 1953, to whom we are deeply grateful. Their gift will make it possible not only to acquire and use films of otherwise unobtainable books and manuscripts, but also to study and experiment with the great opportunities for space-saving which microfilm affords. Our main acquisition on film in the past year is the *New York Times*, from January 1949 to the present. As we expand our holdings of the *Times* into earlier years, we will be building up a valuable historical resource which has hitherto been lacking in our Library.

## STAFF

The staff has worked hard and enthusiastically during the past year. They were able to effect a substantial inventory of our books at the end of the College year, a task which had of necessity been neglected for some eight years past. In their first year as Assistant Librarians, Mrs. Ruth Reese and Mrs. Esther Ralph have done a commendable job of managing the staff organization and administration. Their work has been complicated by an unfortunate series of illnesses, necessitating several part-time appointments in the course of the year. Happily we found excellent assistance at each time of crisis and had the help of Miss Harriet Lawrence and Miss Kathryn Tharp in cataloging, and of Miss Maria Krasauskas and Miss Barbara Brown in other departments. Miss Doris Beatty and Miss Anne O'Neill resigned from the staff at the end of the year. To replace them, Mrs. Doris Darnell will be in charge of the Reserve Book Room and Interlibrary Loans for the coming year, and Miss Elizabeth Delaney will serve as Secretarial Assistant.

The student Library assistants have given excellent service again in the past year. They have done some 4,271 hours of work, and their work has been of a high standard.

In the absence of the Librarian on sabbatic leave during the coming year, Mrs. Reese and Mrs. Ralph will serve as Acting Librarians; and as I write from my study overlooking the dreaming spires of Oxford, I confidently wish them a prosperous and successful year.

## GIFTS

It is a pleasure to record the many benefactions to the Library during 1952-53. The Library Associates have been a never-failing source of friendship and help, at the time of the Philips Celebration, in their many gifts of books, and in the interesting speakers they have brought to the Library at their Sunday afternoon meetings. Notable this year was their meeting on April 26th in celebration of the achievement of Logan Pearsall Smith. The substantial gift of the Class of 1953 has been mentioned above; in the statistics below is written the total number of volumes given to the Library in 1952-53. In between, a few of the many notable gifts received in the past year may be given special description:

From Mr. K. A. Auty, 8 books on cricket.

From Mr. Aldo Caselli, a splendid volume of A. Bartoli's *I Monumenti Antichi di Roma*.

- From the College Circle Theater, 15 books on the theater, marked with a distinctive woodblock bookplate.
- From Mr. and Mrs. Howard Comfort, 80 volumes of literary classics.
- From Mrs. Clarissa Cooper, 2 volumes, an Aldine edition of Plautus, and a sixteenth-century German Bible.
- From Mrs. Constance Drake, 6 volumes of Shakespeare criticism.
- From Mrs. Henry S. Drinker, 10 volumes on religion and politics.
- From Dr. Frederick Griffin, 15 volumes, primarily on theology and philosophy.
- From a group of friends of Alexander L. Gucker, '29, and given in his memory, 2 volumes of Josef Haydn symphonies.
- From Mrs. Gilbert T. Hoag, in memory of her husband, 20 volumes, including fine early editions of the works of Bishop George Berkeley, Bishop Gilbert Burnet, and Abraham Cowley.
- From Mr. John G. Herndon, 174 books on economics and government.
- From Mrs. Hilde Jaeckel, 286 volumes of French, German and Italian literature.
- From Mr. Frederic R. Kirkland, 6 volumes, including the five volumes of *Harper's Weekly* for the historic years 1860-1865
- From Mr. Philip L. Leidy, 12 volumes of current fiction and biography.
- From Mr. William Maul Measey, the 5-volume set of Sir Guy Francis Laking's *Record of European Armour*, excellently and profusely illustrated.
- From Miss Helen Perkins, in memory of her uncle, Walter Lewis, '08, 5 very rare books, mostly of the sixteenth century, including copies of the New Testament, one translated into Latin and one edited by Erasmus; also an Elzevir edition of *Helvetiorum Respublica*.
- From Mr. L. Arnold Post, 34 volumes, primarily in the field of classical studies.
- From Mrs. Esther Ralph, 40 volumes of current fiction and non-fiction.
- From Miss Diana Reeve, 18 volumes of modern poetry.
- From the Schwenkfelder Library, 15 books and pamphlets on Schwenkfeldian religion and history.
- From Mr. John A. Silver, 50 volumes on various subjects.
- From Mrs. Edward Wanton Smith, a handsomely bound 15-volume set of the works of Ernest Renan.
- From Mrs. James G. Vail, in memory of her husband, 7 books in the field of chemistry.

From Mr. William Webb, '13, 11 volumes on various subjects.

In closing this report, regretful note must be made of the passing of Professor Howard Henry shortly after the close of the past academic year. Howard Henry was for two years the chairman of the faculty committee advising the Library, and he was always its loyal friend. His sympathy, thoroughness, and tact in meeting all problems of Library policy have been invaluable to us and will be grievously missed in the years to come.

Respectfully submitted,

JOHN A. LESTER, JR.  
*Librarian*

# STATISTICS FOR REPORT OF THE LIBRARIAN

## 1952-1953

### *Growth of Collections*

Total number of volumes (as of August 31, 1953)	193,103
Number of volumes added in 1952-53:	
By purchase .....	3,067
By gift .....	423
Government Depository .....	313
Number of books discarded .....	24

### *Circulation (15% of total collection)*

Faculty and staff borrowings .....	3,540	
Students .....	15,920	
Outside borrowers .....	4,941	
Total .....		24,401
Books charged out to carrels .....	1,411	
Total .....		25,812

### *Reserve Book Room*

Books put on reserve .....		2,431
Reserve book circulation:		
Library use .....	13,034	
Overnight .....	1,871	
1-day .....	40	
3-day .....	651	
1-week .....	90	
2-week .....	118	
Total .....		15,804

### *Interlibrary Loan, 6/10/52-6/10/53*

Borrowed .....	254
Loaned .....	677

# REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1952-1953

The Treasure Room continues to serve as a center for research and study in Quaker history and thought, as a depository for the Rufus M. Jones Collection on Mysticism, and as a place for the safe keeping and display of the rare books and manuscripts which friends of Haverford have given to the Library. As each of these collections grows with time, the necessity of planning for the future is apparent in the Treasure Room as it is in the College Library as a whole. Last spring we began an intensive review of the present character and long-range objectives of the various collections in the Treasure Room, the results of which will appear as we complete our studies and attempt to put our conclusions into effect.

During the summer we secured the enthusiastic and expert assistance of John Joseph Stoudt, of the Class of 1933, in the highly technical task of surveying and making recommendations for the future development of the Rufus M. Jones Collection on Mysticism. The resulting report has gone to the President and to the Chairman of the Department of Philosophy, while Dr. Stoudt himself has been implementing his own recommendations by filling in gaps in the Collection with generous gifts from his personal library on mysticism.

## ACTIVITIES

While these plans for the future are maturing, our ordinary activities in the Treasure Room have proceeded as usual. Perhaps they can best be summarized as follows:

*Visiting Scholars:* Twenty research students have visited the Treasure Room, sixteen working in Quaker topics, three in mysticism and philosophy, and one in the Roberts Collection of Autographs. These include Cornelia Meigs, seeking material on James E. Rhoads and the founding of Bryn Mawr College; Bufo Yamamuro, author of a life of George Fox in Japanese, who is preparing a Japanese history of Quakerism; and Henry J. Cadbury, whose frequent excursions into Quaker history furnish perennial inspiration.

*Inquiries by Mail:* We have answered eighty-one inquiries by mail, from twenty-four states and three foreign countries.

*Meetings in the Treasure Room:* Besides the Philips Celebration meeting on December 1, 1952, the Treasure Room served the Library Associates for four meetings during the year. On October 12th Professor Warren Beck of Lawrence College spoke on "Charles Lamb and the Quakers;" on December 7 Mr. Arne Sorensen discussed "Americans in Europe;" on March 8 Mr. H. R. Madol of Luxembourg reviewed the role of "The Small Nations in the United Nations;" and on April 26 James Whittall of the Class of 1910, spoke to an appreciative audience of his association with Logan Pearsall Smith, '85. The Freshman Class, divided into two groups, spent an hour in the Treasure Room with the Curator, getting acquainted with the Quaker Collection, and Professors Snyder and Sargent brought classes to the Library to see some of the rarer items in English literature in the Philips, Roberts, and other collections.

*Exhibits:* We prepared exhibits for most of the meetings in the Treasure Room, together with special exhibits of Haverfordiana, Quakeriana, Presidents of the United States from George Washington to Harry Truman (This before the election; we now need an Eisenhower!); and the new set of the Signers of the Declaration of Independence which came as part of the Philips bequest.

*American Friends Service Committee Archives:* Upon Hiram Doty's retirement to private business, the Service Committee appointed Hester Grover as archivist to take care of culling the files at 20 South Twelfth Street and transferring them to the fifth floor of the Library.

## GIFTS AND ACCESSIONS

We should like to acknowledge with great appreciation the following gifts:

### *For the Quaker Collection:*

Friends Select School, six variant editions of standard Quaker authors of the eighteenth century.

Mrs. J. Donald Pharo, eight Quaker books.

Richard M. Gummere, '02, 120 letters of eighteenth century American Friends for the Gulielma M. Howland Collection; forty-five manuscripts relating to Richard Mott and Burlington, New Jersey.



Samuel J. Gummere, '07, seven manuscripts, including an unpublished essay by Amelia Mott Gummere on "Marriage Customs Among the Early Quakers."

James E. Hughes, '94, a printed appeal, dated 1869, of the Locust Street Mission Association, a Quaker charity.

Charles J. Rhoads, '93, 112 letters written between James E. Rhoads and his wife, Margaret E. Rhoads, during the visits of Dr. Rhoads among Friends missions to the Indians and the Freedmen, 1860-1875. These letters were used immediately by Mrs. Youra Qualls, a research visitor from Langston University, Langston, Oklahoma, for a study of Friends and the Freedmen's relief.

Henry J. Cadbury, '03, six Quaker and anti-Quaker pamphlets, clippings, and photostats.

Anna Scattergood Hoag (Mrs. Clarence G. Hoag), and J. Henry Scattergood, '96, twenty-one pictures and manuscripts, and a scrapbook of the Scattergood family, together with nineteen Quaker books from J. Henry Scattergood.

Mrs. Edward Wanton Smith, one manuscript and ten broadsides, including John Whiting, *A Just Reprehension of Cotton Mather*, 1710.

Marion H. Emlen, ten Quaker books.

Arthur S. Roberts, '32, eighty-nine Quaker books, pamphlets, and manuscripts.

Margaret Taylor MacIntosh (Mrs. Archibald MacIntosh), twenty-five letters and pictures for the Taylor Collection.

Mrs. Walter Benington, of Oxford, England, twenty-four pictures of Devonshire House, the former Friends House in London.

The Estate of Mary W. Shoemaker, through Mrs. J. Passmore Elkin-ton, a picture of Arch Street Meetinghouse, Philadelphia, and portraits of Thomas H. Shoemaker, and Samuel Shoemaker, who was Mayor of Philadelphia just before the Revolution.

The Estate of Agnes L. Tierney, through Martha A. T. Steere, two portraits and fifteen clippings relating to Emily Howland (1827-1929).

Mrs. Henry V. Gummere, the marriage certificate of Samuel J. Gummere, Haverford's second president, and Abigail Griscom, Fourth Month 16, 1835.

The Estate of Elizabeth B. and Rufus M. Jones, through Mary Hoxie Jones, 610 Quaker books and pamphlets.

Yale Divinity School, through Raymond P. Morris, Librarian, fifteen numbers to supplement our file of *The Select Miscellany*, an early American Quaker periodical.

*For the Haverfordiana Collection:*

C. Wilfred Conard, student comic papers and mementoes from the 1890s.

The Estate of Marriott C. Morris, through Elliston P. Morris, '22, thirteen manuscripts and seventeen printed programs and reports.

M. Albert Linton, '08, a photograph of eight members of Haverford classes from 1836 to 1842 who attended the Semi-Centennial in 1883.

John M. Leggett, '53, 111 minutes, programs, and correspondence of the Cap and Bells Club, 1911-1953.

Mrs. William G. Kafes, through Vice-President Archibald MacIntosh, a portrait of Oliver Owen, '70, with a letter to Francis B. Gummere, criticizing certain passages in *The History of Haverford College* (1892).

*For the Charles Roberts Collection of Autograph Letters:*

H. Tatnall Brown, Jr., '23, letters of Edward A. Steiner, Isaac Sharpless, Rufus M. Jones, and others.

Professor Edward D. Snyder, a letter of Archibald MacLeish.

Professor Gerhard G. Freidrich, a letter of Adlai E. Stevenson (to be catalogued under "Governors of States," for we have no category for those who "also ran"); and a typewritten copy of *Lantern in the Snow*, signed by the author, Robert P. Tristram Coffin.

Vice-President Archibald MacIntosh, the issue of *The New World*, New York, 1842, containing the first American printing of Dickens' *American Notes*.

Professor Thomas E. Drake, a letter from Sir Oliver Franks, former British Ambassador to the United States.

Professor John A. Lester, Jr., a holograph letter of Archibald MacLeish.

*For the Rufus M. Jones Collection on Mysticism:*

John Joseph Stoudt, '33, twelve volumes of works by and about European mystics, together with collections of pietist sermons, most of these in old and rare editions, including two first editions printed at the Cloisters in Ephrata, Pennsylvania.

We accessioned a total of 661 manuscripts, of which 609 were Quaker and fifty-two non-Quaker; the Library accessioned seventy-one Quaker books and catalogued 131 during the year. Among the accessions I should mention a few new or rare items which we purchased from special Quaker funds:

Through Muriel Hicks of the Friends Library in London we were able to purchase three new etchings which Robert Spence has added to his great series on the early Friends: "George Fox at Pendle Hill;" "George Fox visits Swarthmore Hall;" and "George Fox on the Ground outside Ulverston Church," all from the year 1652.

We also purchased an odd bit of Quaker dramatic fiction, *The School for Friends* (London, 1805), by Marianne Chambers.

To our microfilm collection, we added an unpublished doctoral dissertation by Professor Eddie L. Dwyer, of Baylor University, "The Principle of Authority in the Theology of Rufus Jones."

Through the kindness of the Twentieth Street Meeting of Friends in New York City, and Eleanor W. Taber, we were allowed to review their large library of older Quaker books, from which we purchased 230 pamphlets and twenty-eight books which we needed to fill gaps in our collection.

Finally, I should speak of the rarest and most valuable acquisitions of the year. From the remainder of the Vogt Fund, a capital fund of \$1000 given in 1948 by Henry S. Vogt for the purchase of rare Quaker books, and from other sources, we made two outstanding purchases: One, Charles Davenant, *Discourses on the Publick Revenues, and on the Trade of England* (2 volumes, London, 1698) has in its second volume the first and only contemporary printing of William Penn's plan of 1697 for a union of the English colonies in America. The other is a choice find: Elihu Coleman, *A Testimony Against That Antichristian Practice of Making Slaves of Men*, which was written on Nantucket in 1728/29 and issued by an unknown press in 1733, was the first printed Quaker protest against slavery in New England. Until this copy came to light last spring in a collection of religious tracts in New England, no complete version of this first edition was known to exist outside of the Friends Library in London. Haverford is proud to possess this early tribute to the sensitive conscience of American Friends on the subject of slavery.

The Curator returned from his two-year absence in September, 1952, to find that the Treasure Room had been in good hands. He would like to

take this opportunity to express his appreciation for the devoted work of Anna B. Hewitt, the Assistant Curator, for continuing cheerful aid on the part of the Library staff, and for the valuable help of the student assistants who kept the Treasure Room open for visitors on Saturday and Sunday afternoons.

THOMAS E. DRAKE

*Curator*

# REPORT OF THE MORRIS INFIRMARY

1952-1953

The report for the house patients is as follows:

	1952-1953	1951-1952
Patients admitted .....	132	88
Total time (days) .....	485	309

Diseases are classified as follows:

Grippe and respiratory .....	72
Intestinal .....	26
Joint conditions .....	3
Miscellaneous .....	31

Total number of visits of dispensary patients:

Medical .....	3,349	3,346
Surgical .....	775	794
	—	—
Total .....	4,124	4,140

HERBERT W. TAYLOR, M.D.

PUBLICATIONS AND ACTIVITIES  
OF THE FACULTY  
1952-1953

ASENSIO, MANUEL J.

Article: "A Rejoinder," to "A Propos of 'El tiempo en *La Celestina*' by Manuel J. Asensio," by Professor Stephen Gilman, in *Hispanic Review*, XXI (1953), 45-50.

ASHMEAD, JOHN, JR.

Lecture: "English Composition," School and College Conference on English, Columbia University, New York, N. Y., Feb. 20, 1953.

BELL, PHILIP W.

Article: "Colonialism as a Problem in American Foreign Policy," *World Politics*, 5, (October 1952), 86-109.

Reviews: A. R. Conan, *The Sterling Area*, F. V. Meyer, *Britan, The Sterling Area, and Europe*, and Economic Cooperation Administration, *The Sterling Area. An American Analysis* in *American Economic Review*, 43, (September 1953), 692-697.

H. C. and A. D. Taylor, *The Story of Agricultural Economics in the United States, 1840-1932*, T. W. Schultz, *Economic Organization of Agriculture*, and W. A. Duerr and H. J. Vaix (editors), *Research in the Economics of Forestry*; annotations for the *U. S. Quarterly Book Review*.

Lectures: Discussion leader, "World Trade," Labor Institute for Education, Philadelphia; panel member, mock Congressional hearing on the Renewal of the Reciprocal Trade Agreements Act, World Affairs Council of Philadelphia.

Member of committee in charge of economics section of Foreign service examination.

BENFEY, O. THEODOR

Articles: "Oxford and Reading," *Friends World News*, #40, (November 1952), 10-11. "The Task Ahead," *Newsletter of the Society for Social Responsibility in Science*, 4, #1, (January 1953), 4-5.

"A Faith of One's Own," *The Friend*, 126, #22, (April 30, 1953), 347-348.

Review: "Science and the Social Order," by B. Barber in *Science*, 117, (1953), 167-168.

Lectures: "Studies in the Identification of Organic Compounds," Philadelphia Organic Chemists Club; "Demonstration of a reaction between two cold solids via the gas phase," Philadelphia Section, American Chemical Society; "The Path of Science and the Path of Religion," Sigma Xi Chapter, Bryn Mawr College; "The Scientist's Attitude toward the Use of his Achievements," Pennsylvania Association of College Chemistry Teachers; "Quaker Witness," American Young Friends Conference, Guilford, N. C.; lectures at Germantown, Radnor, Mickleton Meetings and Race Street Yearly Meeting Ministry and Counsel.

President, Society for Social Responsibility in Science.

Treasurer, Philadelphia Organic Chemists Club.  
Board Member, Friends Central School.  
Centers Sub-committee, American Friends Service Committee.

BENHAM, THOMAS A.

Chairman of the Board for Pennsylvania Association for the Blind, Philadelphia Branch.  
Member of the Civilian Defense Emergency Radio Communication Network. The facilities of Haverford College Physics Department provide one of the key stations in this network.

BERNHEIMER, RICHARD

Review: W. Voegelé, *Jörg Syrlin der aeltere, Berlin 1950*, in *Art Bulletin*, (September 1953), 248-250.  
Lectures: "The Nature of Representation," Fullerton Club, the Deanery, Bryn Mawr; "Gothic Survival and Revival in Bologna," College Art Association, Cleveland, Ohio.

CADBURY, WILLIAM E., JR.

Reviews: Louis P. Hammett, *Introduction to the Study of Physical Chemistry*, in *J. Chem. Educ.*, 30, (1953), 210.  
G. K. Rollefson and R. E. Powell, Editors, *Annual Review of Physical Chemistry*, in *J. Chem. Educ.*, 30, (1953), 211.  
Editorial work: Associate Editor, *Journal of Chemical Education*.  
Lectures: Panel on Premedical Education, Bucknell University; "Liberal Education at Haverford for Prospective Physicians," Haverford College; Panel on Premedical Education at Conference on Problems of Admission to Medical School, Syracuse, New York.  
Consultant to Commission on Medicine, Self-Study Program, Lafayette College.  
Member Committee in Charge of Westtown School.  
Member Democratic Committee, 4th Ward, Haverford Township.  
Associate Director, Subcommittee on Preprofessional Education of the Survey of Medical Education.

CAMPBELL, JOHN D.

Lectures: "A Child Grows Up," Norwood PTA; "Censorship Pressures in the United States," ACLU Projects Committee, Greater Philadelphia Branch.

COMFORT, HOWARD

Articles: "A Decorated Bowl by Primus P. Corneli," in *Studies Presented to David Moore Robinson II* (1953), 157-162 and pl. 55.  
"Gallo-Roman Potsherds found at St. Martin's," in G. H. Forsyth, *The Church of St. Martin at Angers*, (Princeton, 1953), 201-205 and figs. 129, 225-228.  
Reviews: Bairrao Oleiro, *Elementos para o estudo da "terra sigillata" em Portugal*, in *Amer. Journ. Archaeol.*, 57 (1953), 241-242.  
Kraus, *Megarische Becher im römisch-germanischen Zentralmuseum zu Mainz*, in *Amer. Journ. Archaeol.*, 57 (1953), 241.  
Knorr, *Terra-Sigillata Gefässe des ersten Jahrhunderts mit Töpfernamen*, in *Gnomon*, (1953), 429-430.  
Lectures: "Cricket" (with R. K. Gundry and Amar Singh), Steve Allison Show,

WPEN, Philadelphia; "The United States Information Service," Young Friends of Merion Meeting, Haverford Alumni of Pittsburgh, Classical Club of Philadelphia, Haverford College; "Philosophy and Practices of Quakerism," Young Friends of Merion Meeting, of Manhasset Meeting, of Haverford Meeting. Board of Managers, Harcum Junior College.

#### COMFORT, W. W.

Articles: "Anthony Benezet: Huguenot and Quaker," *Proceedings of the Huguenot Society of Pennsylvania*, 24, 36-43.

"Quaker Testimony Regarding Oaths," *The Friend*, 127, No. 6, 86-87.

Reviews: Ernest Allison, *Fruitful Heritage*, in *The Friend*, 126, No. 13, 207-208.

Lectures: Atlantic City, N. J. (4); Colonial Society; Ellis Country Day School.

Member of Council, Historical Society of Pennsylvania.

Overseer of William Penn Charter School.

Clerk of Ministers and Elders, Haverford Monthly Meeting.

#### deGRAAFF, FRANCES

Article: "Interpreting Chekhov to American Students," *Bulletin of the American Association of Teachers of Slavic and East European Languages*, X. No. 3, 42-46.

Lecture: Presidential Address at the Ninth Annual Meeting of the American Association of Teachers of Slavic and East European Languages, Boston.

Chairman, Executive Council of the American Association of Teachers of Slavic and East European Languages.

#### DRAKE, THOMAS E.

Reviews: Frederick B. Tolles, Editor, *Slavery and the Woman Question: Lucretia Mott's Diary of her Visit to Great Britain in 1840*, in *Bulletin of Friends Historical Association*, 41 (1952), 140-142.

Isabel Grubb, Editor, *My Irish Journal, 1669-1670, by William Penn*, in *The Pennsylvania Magazine of History and Biography*, 67 (January 1953), 112-114.

John L. Nickalls, Editor, *The Journal of George Fox*, in *The American Historical Review*, 58 (January 1953) 426-427.

Lectures: Haverford Friends Meeting Junior High School Group; Haverford Friends School.

Member Board of Directors, Friends Historical Association.

#### DUNN, EMMETT R.

Lectures: "Deciduous dentition of your Caecilians" and "Dendrobatid Frogs," American Society Ichthyologists and Herpetologists, New York City.

Research Associate, American Museum Natural History, New York City.

Curator, Philadelphia Academy of Natural Sciences.

#### FOSS, MARTIN

Lectures: "Man and God," Historical Meeting House, Adams, Massachusetts; "John Woolman, Prophet or Saint?" Woolman Memorial Foundation; "Experience and Authority," Radnor Forum; "The Ministry," Pendle Hill; "Kant's Religious Philosophy and Protestantism," Germantown Forum; "Atonement and Resurrection," Narberth Forum; "Gandhi," Jenkintown Forum; Commencement Address, Westtown School.

Member of the Religious Life Committee of the two Philadelphia Meetings.



### FLIGHT, JOHN W.

Editorial work: Editorial Consultant for *Journal of Bible and Religion*.

Lectures: Lectures and resource leader for Corinthian Society of Bryn Mawr Presbyterian Church.

Preaching Engagements: Gladwyne Presbyterian Church; South Congregational Church, Hartford, Connecticut.

Delegate of Society of Biblical Literature and Exegesis to the American Council of Learned Societies.

Member of Council, Society of Biblical Literature and Exegesis.

### FRIEDRICH, GERHARD G.

Articles: Emerson's "Brahma," translated into German, *The American-German Review*, 19, No. 3 (February 1953), 29.

"Widmung," *The American-German Review*, 19, No. 3 (February 1953), 19.

"Vital Statistics," *Phylon*, 14, No. 1 (First Quarter 1953), 44.

"The Vernal Equinox," *The Christian Century*, 70, No. 11 (March 18, 1953), 313.

"The Journal of George Fox," *Friends Intelligencer*, 110, No. 13 (Third Month 28, 1953), 171.

"Divina Geographia," *The Christian Century*, 70, No. 16 (April 22, 1953), 476.

"A Single Maple Leaf," *Haverford Review*, (May 1953), 46.

"This Is the Age," *The Progressive*, 17, No. 5 (May 1953), 26.

"Who Dares to Worship," *The Christian Century*, 70, No. 24 (June 17, 1953), 711.

"In Amerika," *The American-German Review*, 19, No. 5 (June-July 1953), 23.

"Crotalus Adamanteus," *Phylon*, 14, No. 2 (Second Quarter 1953), 178.

"Landscapes of Love Are Many," *The Christian Century*, 70, No. 26 (July 1, 1953), 772.

"Identification of a Donne Passage," *The New York Times Book Review*, (August 9, 1953), 19.

Review: Hennig Brinkmann, Editor, *Liebeslyrik der deutschen Frühe*, in *Books Abroad*, 27, No. 2 (Spring 1953), 166.

### GREEN, LOUIS C.

Article: "Correlation Energy in the Ground State of He I," (with Marjorie M. Mulder and Paul C. Milner), *The Physical Review*, 91, (July 1, 1953), 35-39.

Review: Tables of Coulomb Wave Functions, Vol. I, National Bureau of Standards, Applied Mathematics Series #17, in *Review of Scientific Instruments*, 24, (January 1953), 61.

Lectures: "The Place of Research in the Work of the College Teacher," Haverford Conference on College Teaching; "Correlation Energy in the Ground State of He I," (with Marjorie M. Mulder), American Astronomical Society, Amherst, Massachusetts; Some Comments on the Ground State Wave Functions for the simplest two Electron Systems, (with Marjorie M. Mulder and Margaret N. Lewis), American Astronomical Society, Boulder, Colorado.

### GUTWIRTH, MARCEL

Lectures: 23 lectures on "The Classics of the Western World" in the Main Line School Night program.

HAVILAND, H. FIELD, JR.

Reviews: Elmore Jackson, *Meeting of Minds: A Way to Peace Through Mediation*, in *The Friend*, December 11, 1952.

Frederick H. Hartmann, Editor, *Readings in International Relations*, in *The Western Political Quarterly*, March 1953.

Werner Levi, *Free India in Asia*, in *New Leader*, August 1953.

Lectures: Faculty member, AFSC International Student Seminars, Beloit, Wisconsin, and Bronxville, New York; Various lectures to labor groups in connection with Labor Education Association International Affairs Experiment; Talk on International Relations course, Haverford College; Lecture on United States and United Nations, Girard College; "Major Current Issues in United States Foreign Policy," West Philadelphia Labor Institute; Concluding address, Pennsylvania Forum on Foreign Policy, University of Pennsylvania; "United States and United Nations," Henry Home and School Association; "United Nations: Profit and Loss," Media Citizens Forum; "Recent Developments in the United Nations," Bethlehem Rotary Club.

Member, Board and Executive Committee, World Affairs Council.

Member, International Student Seminar Committee, AFSC.

Member, Board of Directors, Philadelphia Americans for Democratic Action.

Member, Advisory Committee, Labor Education Association International Affairs Experimental Program in Philadelphia.

Member, Advisory Committee on College Citizenship Education, Columbia University.

HERNDON, JOHN GOODWIN

Book: *The Herndons of the American Revolution: Part Four — Richard Herndon of Caroline County, Virginia, and His Descendants*, Lancaster, Pa., Wickersham Printing Co., (1952), 112 pp.

Articles: "Thomas Jefferson Middleton, of Maryland and Kentucky: Reminiscences and Two Letters," *The Register of the Kentucky Historical Society*, vol. 50, No. 173, (October 1952), 340-346.

"Two John Wallers," *The Virginia Magazine of History and Biography*, vol. 61, No. 2, (April 1953), 233.

"Robert Middleton, of Maryland, and Some of His Descendants," *The Pennsylvania Genealogical Magazine*, vol. XIX, Nos. 1 and 2, (September 1952 and September 1953), 91-101 and 141-180.

Editorial Work: Co-editor, *The Pennsylvania Genealogical Magazine*, published by the Genealogical Society of Pennsylvania.

Preaching Engagement: Memorial Service, Christ Church, Philadelphia, under the joint auspices of the Genealogical Society of Pennsylvania and the American Society of Genealogists.

Lectures: "The American Presidency and Political Party Shifts," Society of Founders and Patriots, Union League, Philadelphia; "The Right to use Armorial Bearings," The Genealogical Society of Pennsylvania; "Research in North Carolina Archives," American University, Washington, D. C.

Vice President, The American Society of Genealogists.

Vice President, The Genealogical Society of Pennsylvania.

Vice President, The Phi Beta Kappa Association of Philadelphia.  
Councillor, The Society of Descendants of the Colonial Clergy.  
Surety, The Baronial Order of the Magna Charta.

#### HETZEL, THEODORE B.

Chairman, Occupational Division, and member of Council, Society for Social Responsibility in Science.

#### HUNTER, HOLLAND

Article: "Comments," in Abram Bergson, Editor, *Soviet Economic Growth*, Evanston: Row, Peterson, 1953, 157-61.

Reviews: D. T. Lakdawala, *International Aspects of Indian Economic Development in Journal of Political Economy*, 61, 356.

A. R. Oxenfeldt, *Economic Systems in Action in Industrial and Labor Relations Review*, 6, 446-7.

N. Jasny, *The Soviet Economy During the Plan Era, The Soviet Price System, Soviet Prices of Producers' Goods in The Russian Review*, 12, 121-3.

J. S. Gambs, *Man, Money, and Goods*; J. W. Markham, *Competition in the Rayon Industry*; W. Isard and V. Whitney, *Atomic Power, an Economic and Social Analysis*; G. H. Soule, *Economic Forces in American History*; D. I. Lilienthal, *Big Business, A New Era*; H. C. Passer, *The Electrical Manufacturers, 1875-1900*; D. B. Shimkin, *Minerals, A Key to Soviet Power*; annotations for The U. S. Quarterly Book Review.

Lectures: "A Vision of the World Economy," Purchase Quarterly Meeting; "The Problem of Russia," Philadelphia YWCA; "Economic and Transportation Intelligence on the USSR," Schuylkill Arsenal Conference; "The USSR and Dubious Geopolitics," Reserve Officers Group.

Member, American Section Executive Committee and Work Camp Committee, American Friends Service Committee.

#### JAMES, ROBERT C.

Reviews: "Calculus," by Tomlinson Fort; "Calculus," (revised edition), by J. V. McKelvey; "Calculus," by J. F. Randolph; "Calculus," by A. H. Sprague; (Reviews published in the American Mathematical Monthly, Feb., 1953)

Lectures: "Fixed-Point Theorems," National Council of Teachers of Mathematics, Atlantic City, N. J.

Member of the Council of the Society for Industrial and Applied Mathematics.

Correspondent for the Mathematics Committee of the School and College Study of Admission with Advanced Standing.

#### LESTER, JOHN A., JR.

Article: "The Library," in *An Evaluation of Bard College* (Report of Middle States Association of Colleges and Secondary Schools), March 1953, pp. 13-17.

Chairman, Meeting of Philadelphia Chapter, Association of College and Reference Libraries.

#### LUNT, WILLIAM E.

Reviews: H. P. R. Finberg, *Tavistock Abbey: A Study in the Social and Economic History of Devon* in *The Journal of Economic History*, 13 (1953), 206-08.

Douglas Jerrold, *An Introduction to the History of England: from the Earliest Times to 1204*, 2d ed., in *Am. Hist. Rev.*, 58, (1953), 886-87.

#### MACINTOSH, ARCHIBALD

Lectures: Joint meeting of the Westchester County Secondary School Principals and Phi Delta Kappa, Pleasantville High School, Chappaqua, New York; Parent-Teachers Association, St. Albans School, Washington, D. C.  
Vice Chairman, College Entrance Examination Board.  
Secretary, Central Committee of "The School and College Study of Admission with Advanced Standing."  
Overseer, The William Penn Charter School.  
Trustee, The Episcopal Academy.

#### MELDRUM, WILLIAM B.

Review: Sillén, Lange & Gabrielson, *Problems in Physical Chemistry* in *J. Chem. Educ.*, 30, (1953), 375.  
Editorial work: Associate Editor, Journal of the Franklin Institute.  
Lectures: New England Association of Chemistry Teachers (3), Brunswick, Maine (Bowdoin College).

#### OAKLEY, CLETUS O.

Book: Revision of "An Outline of the Calculus," Barnes & Noble, Inc., N. Y., July, 1953.  
Articles: "Mathematics for Engineers who will Never Use It," *Florida Engineer*, May, 1953.  
"Friday the Thirteenth," *Today Magazine*, February 8, 1953.  
Lectures: "Equations of Polygons," University of British Columbia Colloquium; "Almost Linear Equations," Zeta Mu Tau, University of Washington; "Length and Area," Pi Mu Epsilon, University of Washington; "Nonlinear Operators," University of Washington Colloquium; "Modern Trends in College Freshman Mathematics," Pennsylvania Council of Teachers of Mathematics; "Composition of Nonlinear Graphs," University of Colorado Colloquium; "Job Opportunities in Mathematics," University of Washington.  
Member of Advisory Committee of Symposium on Teacher Education in Mathematics, University of Wisconsin.  
Consultant to Montana School of Mines, March 1953.  
Discussion Group Leader, Institute of Teachers of Mathematics, Colby College, August, 1953.

#### PARKER, FRANCIS H.

Article: "Realistic Epistemology," Chapter VI (pp. 152-176) in *The Return to Reason: Essays in Realistic Philosophy* (J. Wild, ed.), Chicago: Henry Regnery Company, 1953.  
Lecture: "Knowledge, Ignorance, and Faith," Youth Forum, Ardmore Methodist Church, Ardmore, Penna.  
Member of Nominating Committee, The Metaphysical Society of America.

#### PEPINSKY, ABRAHAM

Articles: "Applications and Mis-applications of Research Techniques in Music

Therapy," Music Therapy 1952, *Proceedings National Ass'n of Music Therapy*, 221-227.

"Recent Developments in the Selection of Candidates for Training in the Discriminative Detection of Auditory Signals," (Abstract), *Journal of the Acoustical Society of America*, Vol. 25, No. 4, (July 1953), 822.

Lectures: "Research Techniques and their Limitations," National Association of Music Therapy, Topeka, Kansas; "Remedial Acoustics for Existing Music Rooms and Auditoria," National Association of Schools of Music, Chicago; "Music as an Adjunctive Therapy in the Treatment of the Mentally Ill," Dr. Edward A. Strecker Psychiatric Seminar; "Acoustics of Musical Instruments," Midwestern Symposium on Musical Acoustics, Cincinnati, Ohio; "Correlations between Standard Tests of Intelligence, Personality, and Interest in Music," Music Teachers National Association, Cincinnati, Ohio; "The Psychology of Music," Mid-Atlantic Regional Meeting, National Association of Music Therapy, Columbia University; Series of thirty (30) lectures in Musical Acoustics and the Psychology of Music, Philadelphia Music Academy.

Chairman, Psychology Committee, Music Teachers National Association.

Member, Board of Directors and Education Committee, Philadelphia Musical Academy.

Member, Board of Directors, Mental Health Ass'n S. E. Pennsylvania.

Chairman, Montgomery County Committee, M. H. A. S. E. P.

Member, Functional Music Committee, Music Teachers National Association.

Member, Research Committee, National Association Music Therapy.

Member, Music Committee, Acoustical Society of America.

Consultant, Big Brother Ass'n in Juvenile Delinquency, Philadelphia.

Consultant, Human Factors Division, Navy Electronics Laboratory, San Diego, Calif.

#### PFUND, HARRY W.

Articles: "America's Need — More Language Study, not Less," *American-German Review*, 19, (October 1952), 3, 35.

"The Canada of Eric Goldberg, Artist," *American-German Review*, 19, (June-July 1953), 10-13.

"Haverford's 'Point Four' Program," *News Bulletin*. Institute of International Education, 28, (March 1953), 21-24.

- - - same (expanded), *Haverford Trends*, No. 23, (June 1953).

Reviews: Carl F. Wittke, *Refugees of Revolution: The German Forty-Eighters in America*, in *Penna. Mag. of Hist. and Biography*, 76 (October 1952) 483-485.

Editorial work: Associate Editor, *American-German Review*.

Lecture: "Alt-Zions erstes Jahrhundert," 200th Anniversary, St. Michael and Zion Lutheran Church, Franklin Square, Philadelphia.

Vice-President, Carl Schurz Memorial Foundation.

Director and Chairman, Library Committee, German Society of Pennsylvania.

Member, Board of Overseers, Erstes Deutsches Reichswaisenhaus, Lahr, Germany.

#### POST, I. ARNOLD

Article: "Sophocles, Strategy, and the Electra," *The Classical Weekly*, 46 (1952-1953), 150-3.

Reviews: B. E. Perry, *Aesopica*, in *The Classical Weekly*, 46, 40 f.

R. F. Goheen, *The Imagery of Sophocles' Antigone*, *ibid.* 22.

T. B. L. Webster, *Studies in Menander in American Journal of Philology*, 74, (1953), 107-9.

Editorial work: Editor — Loeb Classical Library: Diodorus Siculus VI and X; and Philo, Supplement I and II.

REID, IRA DE A.

Articles: "The Quaker Approach," John Kavanaugh, ed., New York, G. P. Putnam's Sons, 1953, Chapter 6, "Race Relations," 91-112.

". . . On the Education of Parents," *The Westonian*, Vol. LIX, No. 3, Summer 1953, 3-6.

Reviews: McCready Huston, *The Prodigal Brother in The Pennsylvania Magazine of History and Biography*, (October 1952), 482-483.

Morroe Berger, *Equality By Statute in American Journal of Sociology*, Vol. LVIII, No. 4, (January 1953), 438-439.

Editorial work: Member, Haverford College Study of the Fulbright Supplementary Program.

Lectures: Town Hall Forum, New York; Annual Meeting, National Urban League; George School; Lower School Parents Association, Friends Central; Westtown School; School of Education, Temple University; Council on Social Work Education; Avon Institute and Todd School Institute of the American Friends Service Committee; Moderator, Educational Television programs, WCAU and WFIL, Philadelphia.

President, Eastern Sociological Society.

Vice-President, American Sociological Society.

Board of Trustees, National Urban League, Pendle Hill.

Member, Commission on Student Personnel, Commission on Equality of Opportunity in Higher Education, American Council on Education.

REITZEL, WILLIAM

Book: *Major Problems of United States Foreign Policy: 1952-53*, The Brookings Institution, Washington, D. C., 1952. (Prepared under the supervision, editorship, and part authorship of W. Reitzel, by the International Studies Group of Brookings.)

Lectures: National War College, Washington, D. C.; Air War College, Maxwell Field, Alabama; Army War College, Carlisle Barracks, Penna.; Foreign Service Institute, Washington, D. C.; Social Science Foundation Conference, Denver, Colo.

Academic consultant, Conference on Strategy, Naval War College, Newport, R. I.

Observer and consultant, Conference on National Policy, National War College, Washington, D. C.

Academic consultant, Conference for students, U. S. Military Academy, West Point.

Member, Southern Regional Education Board, Committee on International Studies.

Brookings Seminar on International Problems, Deputy Director.

REESE, WILLIAM H.

Music Director for students sailing to and from Europe by U. S. National Student Association and Netherlands Student Bureau (NBBS), Summer 1953.

Chairman, Alumni Visiting Committee in Music to Amherst College, November<sup>1952</sup>.

Member, Executive Committee, Colledge Music Association.

### ROCHE, JOHN P.

Articles: "Executive Power and Domestic Emergency: The Quest for Prerogative," *Western Political Quarterly*, (1952), 592-618.

"The Crisis in British Socialism," *Antioch Review*, (Winter 1952-53), 387-397.

"Convicts, Bartenders and New York Radicals — A Quaker View of Dorr's Rebellion," *Bulletin of Friends Historical Association*, (Spring 1953), 41-44.

"A Threat to World Cooperation," *The Friend*, (April 16, 1953), 331-332.

Reviews: Egbert & Persons, *Socialism and American Life*, in *Phylon*, 4th Quarter, 1952.  
Craig & Gilbert, *The Diplomats, 1919-1939*, in *The New Leader*, August 17, 1953.

Goldman, *Rendezvous with Destiny*, in *The New Leader*, November 10, 1952.

Emerson & Haber, *Political and Civil Rights in the United States*, in *Cornell Law Quarterly*, Spring 1953.

Cole, *Socialist Thought, The Forerunners*, in *The New Leader*, June 8, 1953.

Editorial work: Contributing Editor, *Phylon*.

Editorial Consultation: Oxford University Press, Princeton University Press.

Lectures: "The Genesis of American Foreign Policy," "Statesmanship or Politics?," "The World as Stalin Sees it," and "Must There be War?," lectures delivered under auspices of Peace Committee, Abington Friends Meeting; "America's Answer to Communism," Reading Friends Forum; "Propaganda and How to Spot It," Philadelphia Fellowship House; "The Election — What Happened?," Americans for Democratic Action, Philadelphia; "The Election Issues," Armenian Martyr's Congregational Church; "Academic Freedom," Philadelphia Quarterly Meeting, Merion Meetinghouse.

Member, Board of Directors, League for Industrial Democracy.

Member, Board of Directors, Philadelphia Branch, American Civil Liberties Union.

Member, Program Committee, Philadelphia Labor Education Association.

### SARGENT, RALPH M.

Article: *Books of the Renaissance*, Haverford, Penna., December, 1952.

Lectures: "Endemic Flora of the Southern Appalachians," Botanical Club, Academy of Natural Sciences; "The Experience with Shakespeare," Literary Fellowship, Philadelphia; "Logan Pearsall Smith," Library Associates; "The English Curriculum," Pennsylvania College English Association, Temple University; "Literature of the Renaissance," Franklin Inn, Philadelphia.

Trustee, Highlands Biological Station, Highlands, N. C.

Board of Visitors, Union College, Schenectady, N. Y.

### SNYDER, EDWARD D.

Articles: "Poe's Nicéan Barks (A History of Attempts to Interpret the Cruces)" in *Classical Journal*, Vol. 48, No. 5, (February 1953), 159-169.

Review: William Bacon Evans, *Sonnets for Lovers and for Lovers of Sonnets*, (Boston 1953) in *The Friend*, Vol. 126, No. 18, 290.

### SOMERS, HERMAN M.

Monograph: *Post-War Organization for National Security*, Industrial College of the Armed Forces, Washington, 1952.

Articles: "The President as Administrator," *The Annals*, September 1952.

"The Dilemma of the American Executive Branch," *Confluence*, September 1952.  
"Civil-Military Relations in Mutual Security," *The Annals*, July 1953.  
"Industrial Safety and Health in the United States," *Industrial and Labor Relations Review*, July 1953 (with Anne R. Somers).

Editorial work: Editorial Consultant, Public Affairs Press, Washington, D. C.

Lectures: "Developments in Economic Mobilization Since World War II," Industrial College of the Armed Forces; "The Nature of American Political Process," German Youth Leaders visiting United States; "Problems in Executive Reorganization," Swarthmore College; "Our Mutual Security Program in Europe," Rotary Club of Ardmore; "The Problem of Our Senior Citizens," Health and Welfare Council of Montgomery County; "The Economics of Industrial Mobilization," Industrial College of the Armed Forces.

Public Member, Health and Welfare Committee, National Wage Stabilization Board.  
Consultant, U. S. Public Advisory Board on Mutual Security.

Program Committee, Pennsylvania Political Science and Public Administration Assoc.  
Program Committee, Industrial Relations Research Association.

Committee on Comparative Public Administration, American Political Science Assoc.

International Student Seminar Committee, American Friends Service Committee.

Consultant, Defense Manpower Administration, U. S. Department of Labor.

#### STEERE, DOUGLAS V.

Book: *The Religious Life* (A volume of Three Hazen Books), Association Press, New York City, 1953, pp. 1-68.

Articles: "On the Power of Sustained Attention," 11 pp. Phi Beta Kappa Lecture 1952. Printed by Agnes Scott College, Atlanta, Georgia.

"Death at Lambarene," *Saturday Review of Literature*, (June 13, 1953), 11-12.

"The Meaning of Mysticism Within Christianity," *Religion in Life*, Vol. 22, No. 4, (Autumn 1953) 515-526.

"Three Impossible Lives," *The Intercollegian*, Vol. 70, No. 8, (April 1953) 6-7.

Eight Letters from Douglas and Dorothy Steere, reporting on African and European Journey, 1953. Mimeographed by American Friends Service Committee.

Four articles for Schaff-Hertzog Encyclopedia of Religious Knowledge, p. 76.

Reviews: Review of 13 books on the Spiritual Life, *Ecumenical Review* (Geneva, Switzerland), Vol. 5, No. 1, (October 1952), 111-113.

Michael Bedoyere, *The Life of Baron von Hugel*, in *Religion in Life*. Vol. 12, No. 1, (Winter 1952-53), 145-147.

Paul E. Johnson, *Christian Love*, in *Journal of Religious Thought*, Vol. 9, No. 2, 170-171.

Lectures: Agnes Scott College (Phi Beta Kappa Lecture); Clergy of St. Louis, Mo. (two lectures); Pendle Hill (Five lectures on Christian Classics); Haverford College, St. Olaf College, Germantown Friends Mtg., Boston, Mass., Broadcast (Albert Schweitzer); Madison Ave. Presbyterian Church, N. Y. C. (Christian Strategy for Our Time); Wainwright House, Rye, N. Y. (Counselling Seminar); Minneapolis Friends Meeting (Two lectures); Woodbrooke College, Selly Oak, Birmingham, England; Oxford University Friends Meeting. Also lecturing in Africa and Europe at Capetown, Johannesburg, Port Elizabeth, Roodepoort (Transvaal), Durban, Pietermaritzburg, Fort Hare, Bulawayo (Southern Rho-



desia), Nairobi (Kenya), Freiburg (Germany), Karlsruhe, Bad Pyrmont, Berlin, Dortmund, Viitakivi (Finland).

Preaching Engagements: Harvard University, Wellesley College, Vassar College, Millbrook School, Walnut Hill School, Kirkridge.

President of the Board, John Woolman Memorial.

Executive Committee of the Board, Pendle Hill.

Chairman of the American Section, International Fellowship of Reconciliation.

Foreign Service Executive Committee, American Friends Service Committee — Mission to Africa and Europe Jan. 31-Aug. 4, 1953.

Rhodes Scholarship Selection Committee for Pennsylvania, 1952.

Board of Managers, Wainwright House, Rye, N. Y.

Board of Managers, St. Martin's House, Bernardsville, N. J.

#### SUTTON, RICHARD M.

Articles: "The Heritage of a Physics Teacher," *American Journal Physics*, Vol. 21, No. 5, May, 1953, pp. 368-372.

"A Sense of Direction," *The Friend*, Vol. 126, No. 26, June 25, 1953, pp. 411-414.

"An Experimental Encounter with Bifilar pendulums," *American Journal Physics*, Vol. 21, No. 5, May, 1953, p. 408.

Reviews: Karl Menger, "You Will Like Geometry" in *American Journal Physics*, Vol. 20, No. 8, Nov. 1952, p. 521.

Editorial work: American Jr. Physics; Harper & Brothers; MacMillan & Co.

Lectures: "The Next Total Eclipse of the Sun in U.S.A.," Penn State College;

"Teaching of Science with Simple Equipment," Phila. Private School Teachers Association, Ellis College; "Try It and Think," American Assn. Physics Teachers, Pittsburgh, Pa.; "The Heritage of a Physics Teacher" (Oersted Medal Response) also "An Experimental Encounter with Bifilar Pendulums," Amer. Assn. Physics Teachers, Cambridge, Mass.;

"Stop and Go," Penn Charter School; "Simple Apparatus for the Teaching of Science," Montgomery County Science Teachers Assn., Norristown; "Fun With Experiment," Westtown School; "Science — Saint or Sinner?" Gwynedd Meeting Forum; "Prayer," Radnor Meeting Forum; "A Sense of Direction," Atlantic City Friends School, Commencement Address;

"Report on Physics Curriculum for School and College Study of Admission with Advanced Standing," also "Some Teasers for Conclusion Jumpers," Amer. Assn. of Physics Teachers, Pittsburgh, Pa.;

"Recreations in Physics," also "Watching the Sun," University of Delaware; Two lectures before Reunion of General Electric Science Fellows, Case Institute, Cleveland, Ohio.

Recipient of Oersted Medal of Am. Assn. Physics Teachers, January, 1953.

Chairman, Physics Committee on School and College Study of Admission with Advanced Standing.

Member, Board of Governors, American Institute of Physics.

Member of Physics Committee, Graduate Record Examination.

Member, Committee on Science and the Arts, Franklin Institute.

Chairman, Committee in Charge of Westtown School.

Clerk, Phila. Yearly Meeting of Ministers and Elders.

Chairman, A.F.S.C. Committee on Awards.  
Lecturer, Summer Session, University of Delaware.

SWAN, ALFRED J.

Articles: "Russian Church Singing," in *Orthodox Way*, Vol. iii, 1952, pp. 135-155.  
Reviews: Various Reviews in "Notes," the magazine of the Music Library Association, and in the Journal of the American Musicological Society.  
Lectures: At Boston University in the series of "Great Masters of Music," "From Mussorgsky to Stavinsky."

TEAF, HOWARD M. JR.

Editorial work: Case Studies of technical assistance.  
Lectures: "Economic Problems Facing the Small Businessman," Main Line School Night; "Our Opportunities in a Hungry World," Annual Conference of Friends' Peace Committee; "Trade and Aid," Phila. Chapter, American Statistical Assn.  
Chairman, Subcommittee on Social and Technical Assistance, American Friends Service Committee.  
Member, Phila. District Committee, Health and Welfare Council.  
Member, Board of Directors, University of Pennsylvania Christian Association Labor Arbitration.

WYLIE, LAURENCE

Articles: "Le Vaucluse en Amérique," *Le Provençal* (Marseille), Fall, 1952.  
Editorial work: Associate Editor, *Symposium*.  
Chairman, Nineteenth Century French Literature Section, Modern Language Association of America.  
Chairman, French Committee, School and College of Admission with Advanced Standing.  
Member, Committee of Examiners in French, College Entrance Examination Board.  
Member, Association bouliste de Roussillon.  
Member, Société d'ethnographie française.  
Member, Committee in Charge of Haverford Friends School.

WHITE, GILBERT F.

Articles: "A New Stage in Resources History," *Journal of Soil and Water Conservation*, 8, 228-232.  
"Industry and Education," Thirteenth Annual Forum on Education of *The Tuition Plan*, 7-14.  
Lectures: Coulter Street Meeting; Friends School Day; Haverford School; Michigan Conservation Conference for Business, Industry and Finance; New York Herald-Tribune Forum; Westtown School.  
Member of Board: American Friends Service Committee; Lingnan University; Pendle Hill.  
Member Committee on Faculty Fellowships, Fund for the Advancement of Education.  
Co-chairman Leadership Conference, Clarens, Switzerland.





# HAVERFORD COLLEGE BULLETIN



THIS ISSUE CONTAINS THE  
REPORT OF  
TREASURER AND COMPTROLLER  
OF  
THE CORPORATION OF HAVERFORD COLLEGE  
FOR YEAR ENDING EIGHTH MONTH 31, 1953

VOLUME LI

NUMBER THREE

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*January, 1954*



# Corporation of Haverford College

## *Officers*

Dr. S. Emlen Stokes, *President*  
Moorestown, N. J.

Wm. Morris Maier, *Treasurer*  
1411 Walnut Street, Philadelphia 2, Pa.

John F. Gummere, *Secretary*  
W. School Lane and Fox Street, Philadelphia 44, Pa.

Wm. Nelson West, 3rd, *Assistant Secretary*  
1411 Walnut Street, Philadelphia 2, Pa.

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## Members of the Standing Nominating Committee of the Corporation

### *Term Expires 1954*

C. Willis Edgerton.....College Avenue, Haverford, Pa.  
Thomas B. Harvey.....King of Prussia Road, Radnor, Pa.  
Wilmot R. Jones.....Alapocas Drive, Wilmington, Del.

### *Term Expires 1955*

William E. Cadbury.....R.D. #2, West Chester, Pa.  
Henry C. Evans.....635 Manatawna Avenue, Roxboro, Philadelphia 28, Pa.  
Timothy P. Haworth.....Apt. 3-C, Morris Court Apts., Merchantville, N. J.

### *Term Expires 1956*

Alexander C. Wood, Jr. ....325 Chestnut Street, Philadelphia 6, Pa.  
William Y. Hare.....Lincoln Liberty Building, Philadelphia 7, Pa.  
Roger Scattergood.....Provident Trust Building, Philadelphia 3, Pa.

# Board of Managers

## *Ex-officio as Officers of Corporation*

Dr. S. Emlen Stokes, *President*.....Moorestown, N. J.  
Wm. Morris Maier, *Treasurer*.....1411 Walnut Street, Philadelphia 2, Pa.  
John F. Gummere, *Secretary*, W. School Lane and Fox St., Philadelphia 44, Pa.  
Wm. Nelson West, 3rd, *Asst. Secretary*,...1411 Walnut St., Philadelphia 2, Pa.

### *Term Expires 1954*

Charles J. Rhoads.....Ithan Road, Bryn Mawr, Pa.  
Edward W. Evans, Awbury, E. Washington Lane, Germantown, Philadelphia 38, Pa.  
William A. Battey.....605 Walnut Lane, Haverford, Pa.  
Dr. Frederic C. Sharpless.....Beach Haven, N. J.  
John A. Silver.....Applehill Farm, Pipersville, Bucks Co., Pa.  
Wilmot R. Jones.....Alapocas Drive, Wilmington, Del.  
H. Justice Williams.....901 Provident Trust Bldg., Philadelphia 3, Pa.  
Daniel Smiley, Jr.....Mohonk Lake, N. Y.  
\*Theodore Whittelsey, Jr.....986 Railroad Avenue, Bryn Mawr, Pa.  
Donald E. Wilbur.....115 Pennsylvania Avenue, Bryn Mawr, Pa.

### *Term Expires 1955*

Frederic H. Strawbridge.....801 Market Street, Philadelphia 7, Pa.  
Johathan M. Steere.....1118 Girard Trust Bldg., Philadelphia 2, Pa.  
Stanley R. Yarnall.....5337 Knox Street, Gtn., Philadelphia 44, Pa.  
Dr. Henry M. Thomas, Jr.....314 Overhill Road, Baltimore 10, Md.  
Alexander C. Wood, Jr.....325 Chestnut Street, Philadelphia 6, Pa.  
Harold Evans.....1000 Provident Trust Bldg., Philadelphia 3, Pa.  
\*Robert A. Locke.....Haverford, Pa.  
Russell W. Richie.....1212 Market Street, Philadelphia 7, Pa.  
Dr. Joseph Stokes, Jr., Children's Hospital, 1740 Bainbridge St., Phila. 46, Pa.

### *Term Expires 1956*

Thomas B. Harvey.....50 W. Wildey Street, Philadelphia 23, Pa.  
M. Albert Linton.....4601 Market Street, Philadelphia 39, Pa.  
Edward Woolman.....Haverford, Pa.  
Thomas W. Elkinton.....Public Ledger Building, Philadelphia 6, Pa.  
Henry C. Evans.....635 Manatawna Avenue, Philadelphia 28, Pa.  
Garrett S. Hoag.....131 Glen Rd., Wellesley Farms, Mass.  
Dr. Jonathan E. Rhoads.....131 W. Walnut Lane, Philadelphia 44, Pa.  
\*James M. Houston.....1641 Oliver Building, Pittsburgh 22, Pa.  
Geoffroy Billo.....25 Broad Street, New York 4, N. Y.

## **Faculty Representatives on Board of Managers**

### *Term Expires 1954*

Louis C. Green

### *Term Expires 1955*

Herman M. Somers

*Alternates, 1953-54* H. Field Haviland, Jr. and Holland Hunter

\*Alumni Representative Manager.



## Officers of the Board of Managers

### *Chairman of Board*

Dr. S. Emlen Stokes

### *Secretary of Board*

Wm. Nelson West, 3rd  
1411 Walnut Street, Phila. 2, Pa.

## Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio  
member of all committees*

### *Executive Committee*

Dr. S. Emlen Stokes, *Chairman*  
Jonathan M. Steere  
Dr. Frederic C. Sharpless  
Alexander C. Wood, Jr.  
Thomas W. Elkinton  
Edward W. Evans

John F. Gummere  
Wilmot R. Jones  
Dr. Jonathan E. Rhoads  
Wm. Morris Maier  
Thomas B. Harvey  
Theodore Whittelsey, Jr.

Wm. Nelson West, 3rd, *Secretary*

### *Committee on Finance and Investment*

Jonathan M. Steere, *Chairman*  
Harold Evans  
Wm. Morris Maier

Alexander C. Wood, Jr.  
M. Albert Linton  
Robert A. Locke

Russell W. Richie

### *Committee on College Property and Farm*

Daniel Smiley, Jr., *Chairman*  
Frederic H. Strawbridge  
Edward Woolman  
Henry C. Evans  
Geoffroy Billo

Thomas W. Elkinton  
John A. Silver  
James M. Houston  
William A. Battey  
Donald E. Wilbur

### *Committee on Honorary Degrees*

M. Albert Linton, *Chairman*  
Dr. Henry M. Thomas, Jr.  
Stanley R. Yarnall

Harold Evans  
Garrett S. Hoag  
Dr. Joseph Stokes, Jr.

H. Justice Williams

### *Counsel*

MacCoy, Evans and Lewis  
1000 Provident Trust Building  
Philadelphia 3, Pa.

## Administration

GILBERT FOWLER WHITE .....	<i>President</i>
S.B., S.M. and Ph.D., University of Chicago; LL.D., Hamilton College.	
ARCHIBALD MACINTOSH .....	<i>Vice-President and Director of Admissions</i>
A.B., Haverford College; A.M., Columbia University; Ph.D., University of Pennsylvania.	
LESTER CORNERIUS HAWORTH .....	<i>Vice-President</i>
S.B., Earlham College.	
WILLIAM EDWARD CADBURY, JR. ....	<i>Dean for 1953-54</i>
S.B. and A.M., Haverford College; Ph.D., University of Pennsylvania.	
MRS. EDYTHA M. CARR .....	<i>Registrar</i>
ALDO CASELLI .....	<i>Comptroller and Business Manager</i>
D.S.E. and C., University of Naples.	
* JOHN ASHBY LESTER, JR. ....	<i>Librarian</i>
S.B., Haverford College; A.M. and Ph.D., Harvard University.	
THOMAS EDWARD DRAKE .....	<i>Curator of the Quaker Collection</i>
A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.	
HERBERT WILLIAM TAYLOR .....	<i>Physician in Charge</i>
A.B., Haverford College; M.D., University of Pennsylvania.	
MABEL SYLVIA BEARD .....	<i>Resident Nurse</i>
R.N., Lankenau Hospital.	
LOUIS CRAIG GREEN .....	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M. and Ph.D., Princeton University.	
MRS. ETHEL E. BEATTY .....	<i>Dietitian</i>
BENNETT SMEDLEY COOPER .....	<i>Alumni Secretary and Assistant to the President</i>
S.B., Haverford College.	
GERTRUDE MANN WONSON .....	<i>Admissions Office</i>
S.B., Simmons College.	
MRS. ALICE M. BERRY .....	<i>Secretary to the President</i>
MRS. MARIS M. OGDEN .....	<i>Secretary to the Dean</i>
A.B., Rosemont College.	

\* Absent on leave.

Philadelphia 10th Month 20, 1953

TO THE BOARD OF MANAGERS AND THE CORPORATION:

Your Treasurer herewith submits his Report for the Fiscal Year Ninth Month 1st, 1952 to Eighth Month 31st, 1953.

Operation of the College resulted in a small surplus of \$16,145.56, which was added to the Income Reserve Account established last year. Though the actual income from endowment was substantially greater than that of a year ago, \$526,692.35 as against \$462,217.22, items of expense--some of which fortunately were non recurring--tend to keep pace with income.

Substantial payments on account of our two residuary bequests from the estates of William Pyle Philips and Morris E. Leeds, the receipt of the three legacies and several donations for additions to funds caused the book value of our endowment funds to increase by \$880,172.28 to \$8,608,643.40.

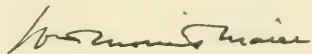
Upon the Consolidated Investment portion of the endowment a return of 5.6% on book value was earned. The policy was continued of realizing a moderate number of capital gains where this could be done without loss to the quality of our investments. Such gains this year total \$79,304.09. Market value of the securities held in Consolidated Investments in spite of the so called recession still exceeds book value by \$754,777.52 and in the Philips Fund by \$238,939.52.

The composition of the Consolidated Investments Account shows a slightly increased percentage in bonds, 17.9% last year to 19.35% this year, preferred stocks, 16.67% to 17.74% this year and a corresponding decrease in common stocks held 54.11% to 50.18% this year. The percentage break-down is then as follows: Bonds 19.35%, Preferred Stocks 17.74%, Common Stocks 50.18%, Mortgages 2.49%, Miscellaneous including Campus Houses 6.86% and Cash 3.38%.

As required, income was added to principal in certain of our Funds in the total amount of \$6,286.69 and our Non-Faculty Pension account was further increased in accordance with our policy so that the reserve now totals \$35,609.60. Current payments from this account were \$2,065.00.

There was no change in the book values of the two Funds upon which the Treasurer is required to report annually, the John Farnum Brown Fund (\$275,899.76) income from which is used for salaries and the John Farnum Memorial Fund (\$32,375.19) the income of which goes toward general purposes.

The accounts were as usual audited and the statement of Lawrence E. Brown & Company is attached.



Treasurer

# THE CORPORATION OF HAVERFORD COLLEGE

## OPERATING STATEMENT

For the Year Ending August 31, 1953

*Receipts at College, applicable to Budget*

<i>Tuition:</i>			
Cash.....	\$235,878.91		
Scholarship Funds.....	29,046.81		
Donations.....	<u>31,134.28</u>	\$296,060.00	
Board.....		188,294.00	
Room.....		87,127.81	
Board & Room--Non-Students.....		50,396.73	
Miscellaneous Receipts.....		<u>32,679.76</u>	\$654,558.30

*Income from Funds, applicable to Budget*

Consolidated Investments General Funds.....		362,998.53	
William Pyle Philips Fund--General.....		47,668.82	
John Farnum Memorial Fund.....		1,560.02	
<i>From Trusts:</i>			
Nathan Branson Hill.....\$	98.27		
W. Percy Simpson.....	1,322.69		
Henry C. Brown.....	<u>8,781.76</u>	<u>10,202.72</u>	422,430.09

*Donations Applicable to Budget*

From Alumni Sustaining Fund.....		6,410.64	
Miscellaneous.....		<u>6,726.74</u>	13,137.38

*Interest Received*..... 1,775.37

Total Receipts..... 1,091,901.14

*Expenses of Running the College*

Administration.....	118,169.84		
Educational Department.....	397,668.11		
Maintenance and Operation.....	181,711.80		
Dining Room and Kitchen.....	225,112.01		
Development.....	<u>47,520.19</u>	970,181.95	
Reserved for Operative Expenses		30,000.00	

*Miscellaneous Expenses*

<i>Treasurer's, Secretary's and Legal Expenses and Services.....</i>			
Old Style Pensions to Faculty.....	11,843.98		
Interest.....	28,491.12		
Stork Art Gift Shortage of Income....	1,671.85		
Seventh 1/10 Cost of New Boiler	723.79		
in Power Plant.....	3,564.48		
Seventh 1/10 Cost of Repairs			
to Barclay Hall.....	3,430.63		
Work Aid to Students.....	4,622.23		
Pensions to Non-Faculty and			
Reserve.....	7,250.00		
Reserve for Death Benefit			
for Non-Faculty.....	1,000.00		
Alumni Associations Expense			
Charged Off.....	<u>12,975.55</u>	<u>75,573.63</u>	<u>1,075,755.58</u>

*Operating Surplus Added to Reserve Fund*..... 16,145.56

THE CORPORATION OF HAVERFORD COLLEGE

INCOME RESERVE ACCOUNT

8th Month, 1953

Reserve established August 31, 1952.....	\$5,903.11
Operating Surplus for year 1952--1953 .....	<u>16,145.56</u>
TOTAL INCOME RESERVE AUGUST 31, 1953 .....	<u><u>\$22,048.67</u></u>

**REPORT ON CONSOLIDATED FUNDS**

	Principal			Income				
	Book Value Sept. 1, 1952	Increased	Decreased	Book Value August 31, 1953	Net Income	Expended	Special	Balance August 31, 1953
<b>Funds for General Purposes</b>								
General Endowment Fund.....	\$97,295.14			\$97,295.14	\$5,744.73	\$5,744.73		
John M. Whitall Fund.....	10,640.09			10,640.09	628.24	628.24		
David Scull Fund.....	44,806.59			44,806.59	2,645.58	2,645.58		
Edward L. Scull Fund.....	11,364.35			11,364.35	671.00	671.00		
Wistar Morris Memorial Fund.....	5,144.24			5,144.24	303.74	303.74		
Israel Franklin Whitall Fund.....	10,781.94			10,781.94	636.61	636.61		
Jacob P. Jones Endowment Fund.....	1,301,375.34			1,301,375.34	76,838.86	72,130.06	4,200.00 <sup>1</sup> 508.80 <sup>2</sup>	
John Farnum Brown Memorial Fund.....	275,899.76			275,899.76	16,290.33	16,250.33	40.00 <sup>3</sup>	
Ellen Wain Fund.....	11,117.10			11,117.10	656.40	656.40		
Clementine Cope Endowment Fund.....	21,493.67			21,493.67	1,269.08	1,259.08		
Joseph E. Gillingham Fund.....	42,394.72			42,394.72	2,503.17	2,503.17		
Henry Norris Fund.....	5,886.01			5,886.01	347.54	347.54		
Elizabeth H. Farnum Fund.....	9,160.24			9,160.24	540.86	540.86		
James R. Magee Fund.....	45,035.96			45,035.96	2,659.12	2,659.12		
Albert K. Smiley Fund.....	1,500.00			1,500.00	88.57	88.57		
Hinchman Astronomical Fund.....	39,515.48			39,515.48	2,333.17	2,333.17		
Wm. D. & E. M. L. Scull Fund.....	174,560.31			174,560.31	10,306.80	10,306.80		
Albin Garrett Memorial Fund.....	26,771.00			26,771.00	1,580.68	1,580.68		
Arnold Chase Scattergood Fund.....	24,381.59			24,381.59	1,439.59	1,439.59		
Francis B. Gummere Memorial Fund.....	125,569.51			125,569.51	7,414.17	7,414.17		
Isaac Sharpless Memorial Fund.....	218,728.43			218,728.43	12,914.68	12,914.68		
General Education Fund.....	126,076.83			126,076.83	7,444.12	7,444.12		
William Penn Foundation.....	102,067.43			102,067.43	6,026.50	6,026.50		
Walter Carroll Brinton Mem'l Fund.....	14,125.79			14,125.79	834.05	834.05		
Corporation Fund.....	85,004.50			85,004.50	5,019.03	5,019.03		
Elizabeth J. Shortridge Fund.....	10,000.00			10,000.00	590.44	590.44		
Howard Comfort Memorial Fund.....	5,527.31			5,527.31	326.36	326.36		
Emma Ridgway Conly Fund.....	49,987.50			49,987.50	2,951.48	2,951.48		
Ellen W. Longstreth Fund.....	117,520.19			117,520.19	6,938.90	6,938.90		
Albert L. Bailly Fund.....	5,000.00			5,000.00	295.22	295.22		
Elizabeth B. Wistar Warner Fund.....	4,950.00			4,950.00	292.27	292.27		
T. Allen Hilles Bequest.....	280,764.31			280,764.31	16,577.54	16,577.54		
Leonard L. Greif, Jr. & Roger L. Greif Fund	6,000.00	1,000.00		7,000.00	403.47	403.47		
Edward M. Wistar Fund.....	2,500.00			2,500.00	147.61	147.61		
Morris E. Leeds Fund.....	216,000.00	248,880.00		464,880.00	18,442.98	87,442.98		
(from assets not yet received).....					69,000.00			
J. Henry Scattergood Fund.....	4,200.00	1,000.00		5,200.00	277.51	277.51		
Parker S. Williams Fund.....	103,993.26			103,993.26	6,140.21	6,140.21		
Clarence W. Bankard Fund.....	4,418.75			4,418.75	260.90	260.90		
Gilbert C. Fry Fund.....	3,500.00	1,500.00		5,000.00	246.02	246.02		
<b>Forward.....</b>	<b>3,645,057.34</b>	<b>252,380.00</b>		<b>3,897,437.34</b>	<b>290,027.53</b>	<b>285,278.73</b>	<b>4,748.80</b>	

REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income				
	Book Value	Increased	Decreased	Book Value	Net Income	Expended	Special	Balance
	Sept. 1, 1952			August 31, 1953	Sept. 1, 1952			August 31, 1953
<i>Forward</i> .....	3,645,057.34	252,380.00		3,897,437.34	290,027.53	285,278.73	4,748.80	
<b>Funds for General Purposes (Continued)</b>								
Daniel B. Boyer Fund.....	2,500.00			2,500.00	147.61	147.61		
Mary K. Comly Fund.....	35,000.00			35,000.00	2,066.55	2,066.55		
Marrriott C. Morris Fund.....	10,000.00			10,000.00	590.44	590.44		
Mary Brown Fund.....	1,000.00			1,000.00	59.04	59.04		
1949 Campaign Salary Fund.....	172,008.73	1,015.61		173,024.34	10,156.14	9,140.53	1,015.61 <sup>4</sup>	
Rufus W. Jones Fd. for Adv. of Teaching..	349,738.67	2,065.01		351,803.68	20,650.10	18,585.09	2,065.01 <sup>4</sup>	
William B. Bell Fund.....	19,444.44			19,444.44	1,148.08	1,148.08		
Dr. Thomas Wistar Fund.....	25,068.15			25,068.15	1,480.13	1,480.13		
Charles McCaul Fund.....		35,825.67		35,825.67	3,194.24	3,194.24		
Isaac & Lydia Cope Sharpless Fund.....		5,000.00		5,000.00	98.41	98.41		
	4,259,817.33	296,286.29		4,556,103.62	329,618.27	321,788.85	7,829.42	
<b>Funds for Wistar Brown Graduate School</b>								
Moses Brown Fund.....	370,625.55	2,188.34		372,813.89	21,883.35	14,695.01	2,188.34 <sup>4</sup>	5,000.00 <sup>1</sup>
<b>Funds for Morris Infirmary</b>								
Infirmary Endowment Fund.....	9,653.44			9,653.44	569.98	569.98		
John W. Pinkham Fund.....	5,059.50			5,059.50	298.73	298.73		
	14,712.94			14,712.94	868.71	868.71		
<b>Funds for Haverford Union</b>								
Haverford Union Fund	1,878.82			1,878.82	110.93	110.93		
<b>Funds for Scholarships</b>								
Thomas P. Cope Fund.....	5,257.82			5,257.82	78.80	310.44	300.00 <sup>1</sup>	89.24
Edward Yarnall Fund.....	6,069.23			6,069.23	111.35	358.35	300.00 <sup>1</sup>	169.70
Isaiah V. Williamson Fund.....	19,817.40			19,817.40	325.75	1,170.11	1,200.00 <sup>1</sup>	295.86
Richard T. Jones Scholarship Fund.....	5,056.25			5,056.25	81.50	298.54	300.00 <sup>1</sup>	80.04
<i>Forward</i> .....	36,200.70			36,200.70	597.40	2,137.44	2,100.00	634.84

REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income					
	Book Value Sept. 1, 1952	Increased	Decreased	Book Value August 31, 1953	Balance Sept. 1, 1952	Net Income	Expended	Special	Balance August 31, 1953
<i>Forward</i> .....	36,200.70			36,200.70	597.40	2,137.44		2,100.00	634.84
<b>Funds for Scholarships (Continued)</b>									
Mary M. Johnson Scholarship Fund.....	7,013.61			7,013.61	148.78	414.11		400.00 <sup>1</sup>	162.89
Sarah Marshall Scholarship Fund.....	7,919.76			7,919.76	139.51	467.62		500.00 <sup>1</sup>	107.13
Clementine Cope Fellowship Fund.....	22,845.86			22,845.86	1,706.06	1,348.92		1,000.00 <sup>1</sup>	2,054.98
Isaac Thorne Johnson Scholarship Fund...	9,096.80	137.11		9,233.91		537.11		137.11 <sup>4</sup>	
Casper Wistar Memorial Fund	6,451.21			6,451.21	182.53	380.91		450.00 <sup>1</sup>	113.44
J. Kennedy Moorhouse Scholarship Fund...	5,155.85			5,155.85	118.06	304.42		300.00 <sup>1</sup>	122.48
Louis Juliette Palmer Scholarship Fund...	9,219.19	1,330.00		10,549.19	380.71	585.28		800.00 <sup>1</sup>	165.99
Paul W. Newhall Mem'l. Scholarship Fund.	5,045.60			5,045.60	95.14	297.91		300.00 <sup>1</sup>	93.05
Robert Martin Zuckert Memorial Scholarship Fund.....	22,250.00			22,250.00	393.67	1,313.74		1,400.00 <sup>1</sup>	307.41
Samuel E. Hillis Scholarship Fund.....	5,017.31			5,017.31	82.77	296.24		300.00 <sup>1</sup>	79.01
Class of 1913 Scholarship Fund.....	3,000.00			3,000.00	171.06	177.13		300.00 <sup>1</sup>	48.19
Class of 1917 Scholarship Fund.....	7,821.08	415.00		8,236.08	317.28	467.57		650.00 <sup>1</sup>	134.85
Daniel B. Smith Fund.....	5,000.00			5,000.00	196.10	295.22		400.00 <sup>1</sup>	91.32
Sarah Tatum Hillis Memorial Scholarship Fund.....	75,534.58			75,534.58	1,277.85	4,459.89		4,600.00 <sup>1</sup>	1,137.74
Elthu Grant Memorial Scholarship Fund.....	40,078.73			40,078.73	783.79	2,366.42		2,600.00 <sup>1</sup>	550.21
Christian Febiger Memorial Scholarship Fund.....	17,050.00			17,050.00	280.42	1,006.71		1,000.00 <sup>1</sup>	287.13
Joseph L. Markley Memorial Scholarship Fund.....	5,000.00			5,000.00	85.08	295.22		300.00 <sup>1</sup>	80.30
Joseph C. & Anne N. Birdsal Scholarship Fund.....	25,000.00			25,000.00	468.34	1,476.11		1,550.00 <sup>1</sup>	394.45
Daniel E. Davis, Jr. Memorial Scholarship Fund.....	3,000.00			3,000.00	69.70	177.13		200.00 <sup>1</sup>	46.83
Jonathan W. Steere Scholarship Fund.....	10,000.00			10,000.00	396.76	590.44		850.00 <sup>1</sup>	137.20
William Graham Tyler Memorial Scholarship Fund.....	15,000.00			15,000.00	607.41	885.67		1,250.00 <sup>1</sup>	243.08
1890 Memorial Scholarship Fund.....	2,600.00	100.00		2,700.00	68.33	157.45		150.00 <sup>1</sup>	75.78
1949 Campaign Scholarship Fund.....	42,653.27	251.84		42,905.11	911.04	2,518.43		2,771.84 <sup>4</sup>	405.72
Max Leuchter Scholarship Fund.....	10,741.05	234.20		10,975.25		634.20		400.00 <sup>1</sup>	
A. Clement Wild Scholarship Fund.....	8,712.50	4,300.00		13,012.50	104.87	577.90		500.00 <sup>1</sup>	182.77
Caroline Chase Scholarship Fund.....	6,245.11			6,245.11	246.10	368.74		500.00 <sup>1</sup>	114.84
Roy Thurlyby Griffith Mem'l. Fund.....		5,000.00		5,000.00		147.61			147.61
	413,652.21	11,768.15		425,420.36	9,828.76	24,685.54		25,971.91 <sup>8</sup>	7,919.24
								623.15 <sup>17</sup>	
								26,595.06	



REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income			Balance August 31, 1953		
	Book Value Sept. 1, 1952	Increased	Decreased	Book Value August 31, 1953	Balance Sept. 1, 1952	Net Income		Expended	Special
<b>Funds for the Library</b>									
Alumni Library Fund.....	17,435.06			17,435.06		1,029.44	1,029.44		18.42 <sup>4</sup>
Mary Farnum Brown Library Fund.....	68,014.72	18.42		68,033.14		4,015.88	4,015.88		150.00 <sup>5</sup> 3,847.46 <sup>2</sup>
Wm. H. Jenks Library Fund.....	5,000.00			5,000.00	128.50	295.22	295.22		323.94 <sup>2</sup>
Mary Wistar Brown Williams Library Fund.....	20,306.74			20,306.74	1,846.22	1,199.00	1,199.00		1,685.66 <sup>2</sup>
Anna Yarnall Fund.....	173,078.14			173,078.14		10,219.29	10,219.29		1,739.68 <sup>2</sup>
F. B. Gummere Library Fund.....	635.47			635.47	39.51	37.52	37.52		45.90 <sup>2</sup>
Edmund Morris Ferguson, Jr. Memorial Fund.....	1,002.34			1,002.34	31.54	59.18	59.18		53.91 <sup>2</sup>
Class of 1888 Library Fund.....	6,550.00			6,550.00	508.56	386.74	386.74		895.30
Class of 1918 Library Fund.....	1,253.52			1,253.52	96.96	74.01	74.01		170.97
Quakeriana Fund.....	600.00			600.00	63.12	35.43	35.43		79.05 <sup>2</sup>
Mobook Fund for Rufus Jones Coll. Myst.	1,500.00			1,500.00	285.34	88.57	88.57		150.00 <sup>6</sup>
Rufus M. Jones Book Fund.....	5,000.00			5,000.00	780.51	295.22	295.22		18.46 <sup>2</sup>
1949 Campaign Library Fund.....	34,224.82	202.07		34,426.89	2,105.32	2,020.78	2,020.78		202.07 <sup>4</sup> 2,253.03 <sup>2</sup>
	334,600.81	220.49		334,821.30	5,885.58	19,756.28	19,756.28		5,565.23
									220.49 <sup>17</sup>
									10,567.55
<b>Funds for Old Style Pensions</b>									
President Sharpless Fund.....	41,237.08			41,237.08		2,434.82	2,434.82		
William P. Henszey Fund.....	36,758.66			36,758.66		2,170.39	2,170.39		
Jacob P. Jones Benefit Fund.....	68,113.78			68,113.78		4,021.73	4,021.73		
Pliny Earle Chase Memorial Fund.....	3,272.24			3,272.24	193.21	193.21	193.21		
Haverford College Pension Fund.....	112,040.73			112,040.73		6,615.37	6,615.37		
	261,422.49			261,422.49		15,435.52	15,435.52		
<b>Funds for Special Purposes</b>									
Thomas Shipley Fund.....	5,248.00			5,248.00	465.24	309.86	309.86		247.37 <sup>5</sup>
Elliston P. Morris Fund.....	1,126.75			1,126.75	236.25	66.53	66.53		23.74 <sup>2</sup>
John B. Garrett Reading Prize Fund.....	2,247.87			2,247.87	1,198.52	132.72	132.72		1,331.24
Special Endowment Fund.....	9,227.07			9,227.07	1,183.72	744.81	744.81		531.38 <sup>7</sup>
	17,849.69			17,849.69	3,083.73	1,253.92	1,253.92		802.49
<i>Forward.....</i>									3,535.16

REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal				Income			Balance August 31, 1953	
	Book Value Sept. 1, 1952	Increased	Decreased	Book Value August 31, 1953	Balance Sept. 1, 1952	Net Income	Expended		Special
<i>Forward</i> .....	17,849.69			17,849.69	3,083.73	1,253.92		802.49	3,535.16
<b>Funds for Special Purposes (Continued)</b>									
Scholarship Improvement Prize Fund.....	2,296.88			2,296.88	286.06	135.62		95.00 <sup>3</sup>	326.68
Elizabeth P. Smith Fund.....	1,727.00			1,727.00	903.75	101.97			1,005.72
S. P. Lippincott History Prize Fund.....	2,546.88			2,546.88	190.89	150.38		28.00 <sup>2</sup>	313.18
Francis Stokes Fund.....	5,120.30			5,120.30	1,464.85	302.32		570.29 <sup>8</sup>	1,196.88
George Peirce Prize Fund.....	3,071.60	131.36		3,202.96		181.36		50.00 <sup>3</sup>	
Lyman Beecher Hall Prize Fund.....	2,155.00			2,155.00	490.04	127.24		100.00 <sup>3</sup>	517.28
Newton Prize Fund.....	1,397.75			1,397.75	110.69	82.53		44.91 <sup>2</sup>	98.31
Edward B. Conklin Athletic Fund.....	2,400.00			2,400.00		141.71	141.71		
Arboretum Fund.....	9,362.75			9,362.75	620.89	552.82		36.00 <sup>9</sup>	1,137.71
William Ellis Scull Prize Fund.....	2,000.00			2,000.00	615.18	118.09		50.00 <sup>3</sup>	683.27
Paul D. I. Maier Fund.....	1,000.00			1,000.00		59.04	39.04		
Strawbridge Observatory Maintenance Fund	3,839.54			3,839.54	677.33	656.70		35.82 <sup>2</sup>	363.36
Jacob & Eugenie Bucky Memorial Foundation.....	4,362.52			4,362.52		257.58		510.50 <sup>11</sup>	-252.92
Mathematics Department Prize Fund.....	1,316.41	42.73		1,359.14		77.73		35.00 <sup>3</sup>	
Wm. T. Elkinton Fund.....	2,491.50			2,491.50	352.06	147.11		143.72 <sup>12</sup>	355.45
Tilney Memorial Fund.....	6,000.00	500.00		6,500.00	921.99	373.95		760.89 <sup>5</sup>	535.05
Class of 1902 Latin Prize Fund.....	142.90			142.90	41.71	8.44		10.00 <sup>3</sup>	40.15
Class of 1898 Gift.....	6,315.00			6,315.00	1,046.64	372.87		360.00 <sup>5</sup>	1,059.51
Edmund J. Lee Memorial Award Fund.....	1,006.50			1,006.50	76.46	59.43		50.00 <sup>3</sup>	85.89
David R. Bowen Premedical Fund.....	410.00	25.00		435.00	26.73	25.19			51.92
Jonathan & Rachel Cope Evans Fund.....	13,543.62	500.00		14,043.62	233.35	819.36	409.68		643.03
Edward Hawkins Memorial Fund.....		1,457.44		1,457.44		14.34			14.34
	90,355.84	2,656.53		93,012.37	11,142.35	6,019.70	590.43	4,687.56 <sup>18</sup>	11,709.97
								174.09 <sup>17</sup>	
				248,482.09				4,861.65	
Plus Undistributed Gain.....	170,592.82	77,889.27							
<b>Total Increase</b> .....		391,009.07							

REPORT ON NON-CONSOLIDATED FUNDS

	Principal			Income			Balance August 31, 1953		
	Book Value Sept. 1, 1952	Increased	Decreased	Book Value August 31, 1953	Balance Sept. 1, 1952	Net Income		Expended	Special
John Farnum Memorial Fund.....	32,375.19			32,375.19		1,560.02	1,560.02		
Nathan Branson Hill Trust.....						98.27	98.27		
W. Percy Simpson Trust.....						1,322.69	1,322.69		
Henry C. Brown Trust.....						8,781.76	8,781.76		
William Pyle Phillips Fund: (From Assets not yet received).....	854,418.39	573,339.17		1,427,757.56		25,000.00		9,205.25	
(Assets in Hand).....						70,337.64		310,661.5	
General.....							47,668.82	14,811.12	16,244.02
Special.....					35,599.93			12,268.18	
Augustus Taber Murray Res. Scholarship Fund.....	22,460.12	315.22		22,775.34	458.74	1,213.67		980.00	692.41
Anonymous Fund.....	749,404.00	36,363.83		785,767.83	805.00	37,073.82		36,363.83	1,514.99
	1,658,657.70	610,018.22		2,268,675.92	36,863.67	145,387.87	59,431.56	68,004.73	18,451.42
								36,363.83	
								104,368.56	
	29,884.78	1,414.82		31,299.60					
Pius Undistributed Gain.....	1,688,542.48	611,433.04		2,299,975.52	36,863.67	145,387.87	59,431.56	104,368.56	18,451.42

Note: Key to Code Number

- <sup>1</sup>Scholarships
- <sup>2</sup>Books
- <sup>3</sup>Prizes
- <sup>4</sup>Income to Principal
- <sup>5</sup>Lectures
- <sup>6</sup>Cataloging
- <sup>7</sup>Religious Education Committee
- <sup>8</sup>Plant & Labor
- <sup>9</sup>Top Soil
- <sup>10</sup>Office Equipment & Supplies
- <sup>11</sup>Work Camps
- <sup>12</sup>Trips
- <sup>13</sup>Honorarium
- <sup>14</sup>Guest Section of Travelers
- <sup>15</sup>Miscellaneous
- <sup>16</sup>Phillip's Celebration
- <sup>17</sup>Total Income to Principal
- <sup>18</sup>Total Special
- <sup>19</sup>Annuity

SUMMARY OF CONSOLIDATED FUNDS

	<u>Book Value</u> <u>September 1, 1952</u>	<u>Increased</u>	<u>Book Value</u> <u>September 1, 1953</u>	<u>Net Income</u>
Funds for General Purposes.....	\$4,259,817.33		\$4,556,103.62	\$329,618.27
Fund for T. Wistar Brown Graduate School.....	370,625.55	\$296,286.29	372,813.89	21,883.35
Funds for Morris Infirmary.....	14,712.94	2,188.34	14,712.94	868.71
Funds for Haverford Union.....	1,878.82		1,878.82	110.93
Funds for Scholarships.....	413,652.21	11,768.15	425,420.36	24,685.54
Funds for Library.....	334,600.81	220.49	334,821.30	19,756.28
Funds for Old Style Pensions.....	261,422.49		261,422.49	15,435.52
Funds for Special Purposes.....	90,355.84	2,656.53	93,012.37	6,019.70
	<u>\$5,747,065.99</u>	<u>\$313,119.80</u>	<u>\$6,060,185.79</u>	<u>\$418,378.80</u>
Plus Undistributed Gain.....	170,592.82	77,889.27	248,482.09	
Total Funds.....	<u>\$5,917,658.81</u>	<u>\$391,009.07</u>	<u>\$6,308,667.88</u>	

CONSOLIDATED & NON-CONSOLIDATED FUNDS COMBINED

The Book Value Increased \$1,002,442.11 as Follows:

Donations for Additions to Funds.....	\$880,172.28
Income Transferred to Principal.....	42,650.52
Gains on Securities.....	315.22
Called.....	531.95
Sold.....	84,847.53
	<u>\$1,009,493.22</u>
Less: Loss on Called.....	\$ 92.85
Loss on Sale.....	<u>\$6,958.26</u>
	<u>7,051.11</u>

\$1,002,442.11

Income Return: The net income, (xxxxxxxxxx) after allowing commission to our fiscal agent was 5.6% on book value of Consolidated Investments.

CLASSIFICATION OF INVESTMENTS

August 31, 1953

	<u>Consolidated Account</u>	<u>Non- Consolidated Account</u>	<u>Total</u>	<u>%</u>
<u>BONDS</u>				
Government, U. S.	\$217,500.00		\$217,500.00	
Industrial	59,846.94	10,106.00	69,952.94	
Public Utility	199,475.13	9,517.50	208,992.63	
Railroad	714,153.11	295,668.26	1,009,821.37	
Miscellaneous	4,200.00	(19.35%)	4,200.00	
Instr. of Government	24,937.50	1,220,112.68	24,937.50	17.84
<u>PREFERRED STOCK</u>				
Industrial	511,876.20	104,689.50	616,565.70	
Public Utility	407,420.58	(17.74%)	407,420.58	
Railroad	199,431.70	1,118,728.48	214,899.45	14.39
<u>COMMON STOCK</u>				
Banks & Insurance	600,622.30	42,672.54	643,294.84	
Industrial	1,466,628.61	1,503,402.09	2,970,030.60	
Public Utility	875,299.47	282,349.02	1,157,648.49	
Railroad	185,747.82	22,790.15	208,537.97	
Miscellaneous	36,780.00	1,851,213.80	36,780.00	58.27
<u>MORTGAGES</u>	156,305.00	(2.49%)	157,630.00	1.83
	156,305.00	1,325.00	157,630.00	
<u>MISCELLANEOUS</u>				
(including Campus Houses)	432,324.28		432,324.28	5.02
CASH due to Funds from Corporation	216,119.34	11,987.71	228,107.05	2.65
	6,308,667.88 (100%)	2,299,975.52	8,608,643.40	100 %

NOTE: There are also held \$3,550.00 in non-interest bearing U.S. Savings Bonds Series "F" (all in Safe Keeping) allocated as Donations--Field House.

There are \$56,913.89 Banks & Ins. Co. Stock not included in the above figures being holdings in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund has an overdraft in Principal cash of \$33,750.89.

SUMMARY OF THE ACCOUNTS OF  
 THE CORPORATION OF HAVERFORD COLLEGE  
 WM. MORRIS MAIER, TREASURER  
 ALDO CASELLI, COMPTROLLER  
 For the Year Ending Eighth Month 31, 1953

RECEIPTS

*Income from Endowment Funds Consolidated:*

Funds for General Purposes.....	\$329,618.27	
T. Wistar Brown Graduate School Fund	21,883.35	
Morris Infirmary Fund.....	868.71	
Haverford Union Fund.....	110.93	
Scholarship Funds.....	24,685.54	
Library Funds.....	19,756.28	
Old Style Pension Funds.....	15,435.52	
Special Purpose Funds.....	<u>6,019.70</u>	418,378.30

*Income from Non-Consolidated Funds:*

John Farnum Memorial Fund.....	1,560.02	
Augustus Tabor Murray Research Scholarship Fund.....	1,213.67	
William Pyle Philips Fund.....	95,337.64	
Nathan Branson Hill Trust.....	98.27	
Henry C. Brown Trust.....	8,781.76	
W. Percy Simpson Trust.....	<u>1,322.69</u>	<u>108,314.05</u>
Anonymous Fund (income to accumulate).....		526,692.35
		<u>37,073.82</u>

*Income from College Sources:*

Tuition.....	296,060.00	
Board.....	188,294.00	
Room.....	87,127.81	
Board and Room from Non-Students:		
Rents.....	3,670.00	
Rooms: Guests, Alumni, Faculty and Employees.....	5,168.54	
Summer Conferences.....	4,716.50	
Meals: Day Students.....	2,667.20	
Guests, Faculty, Special Events and Employees....	18,145.31	
Summer Conferences.....	17,368.17	
Tuition (Orientation Program)....	<u>7,231.74</u>	
	58,967.46	
Less Expenses Carried Forward....	<u>8,570.73</u>	<u>50,396.73</u>

*Forward*..... \$621,878.54      \$563,766.17

Forward..... \$621,878.54 \$563,766.17

*Miscellaneous Collections:*

Bookstore.....	\$ 3,065.47		
Infirmary.....	789.93		
Fines.....	1,320.38		
Transcripts.....	644.50		
Sale of Sundry Items.....	141.50		
Renting of Machinery & Lands.....	486.22		
Admission to Athletic Games.....	3,864.08		
Sundry Minor Collections.....	1,121.61		
Discounts Earned.....	507.21		
T. A. Benham's Project--overhead in connection with work done for outsiders.....	368.46		
Re-Examinations.....	60.00		
Unit Fee.....	9,710.40		
Rental of Dining Room.....	7,000.00		
Summer Use of Facilities.....	1,600.00		
Holland Hunter's Salary for 1951-52, recovered from Carnegie.....	<u>2,000.00</u>	<u>32,679.76</u>	654,558.30

*Interest Received*..... 1,775.37

*Donations for Additions to Funds*  
(as per schedule)..... 880,172.28

*Donations Other Than for Funds*

<i>Applicable to Budget:</i>			
For General Purposes.....	1,789.99		
For General Purposes.....	4,936.75		
For Alumni Association.....	<u>6,410.64</u>	13,137.38	
For Music (from Friends of Music).....		852.50	
<i>For Library:</i>			
(From Library Associates).....	686.23		
(From Matzke Royalties).....	24.90		
(From Dean P. Lockwood).....	<u>66.50</u>	777.63	
For Interest on Radio Club Funds.....		72.43	
<i>For Scholarships:</i>			
From Anonymous Donors.....	550.00		
From Corporation Scholarships Relinquished.....	3,300.00		
From Haverford Society of Maryland	458.37		
From New England Scholarship Committee.....	435.00		
From Various Donors.....	7,126.08		
From Evan Stavitsky Foundation...	250.00		
From C. Schmidt Foundation.....	500.00		
From Guggenheim Foundation.....	1,000.00		
From E. C. Dean Fund.....	400.00		
From Phila. School District.....	800.00		
From Class of 1952.....	558.63		
From Friends Freedman Association.	<u>2,400.00</u>	17,778.08	
<i>For Scholarships in Social &amp; Technical Assistance:</i>			
From Field Foundation.....	5,000.00		
From Moses Brown Fund.....	<u>5,000.00</u>	<u>10,000.00</u>	

Forward..... \$42,618.02 \$2,100,272.12

Forward.....	\$42,618.02	\$2,100,272.12
For Alumni Association.....	4,149.00	
For Campus Club.....	227.00	
For Cope Field.....	70.00	
For General Purposes.....	5,318.13	
For Russian Program.....	4,933.10	
For Lewis Green Project.....	306.25	
For Sociology Department.....	195.70	
For Research from Budget.....	190.77	
For Fulbright Evaluation		
From Ford Foundation.....	7,500.00	
For Chemistry Equipment		
From E.I.DuPont DeNemours.....	2,500.00	
For Human Relations Gift--Dividends.....	175.50	
Refund.....	183.33	68,366.80

*Additions to Funds--Income*

*Transferred to Principal:*

1949 Campaign Salary Fund.....	1,015.61	
Rufus M. Jones Fund for Advancement of Teaching.	2,065.01	
Moses Brown Fund.....	2,188.34	
Isaac Thorne Johnson Scholarship Fund.....	137.11	
1949 Campaign Scholarship Fund.....	251.84	
1949 Campaign Library Fund.....	202.07	
Mary Farnum Brown Library Fund.....	18.42	
Max Leuchter Scholarship Fund.....	234.20	
George Peirce Prize Fund.....	131.36	
Mathematics Department Prize Fund.....	42.73	6,286.69

*Reserves for Non-Faculty Pensions*

(see account)

Pensions.....	7,250.00	
Interest.....	1,448.79	8,698.79

<i>Death Benefit for Non-Faculty.....</i>		1,000.00
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*Miscellaneous Items to Balance Accounts*

Library--Collections.....	1,430.48	
Taxes Withheld.....	92,182.10	
In & Out.....	1,022.80	
Treasurer's In and Out.....	3,366.00	
Work in Progress (collected from faculty, students and others for work done).....	12,078.05	
Student Store (gross sales).....	18,589.97	
Loans--Repaid.....	712.02	
Student Affairs.....	14.25	
Bookstore--Collections.....	40,735.67	
Accounts Receivable--Students (total collected).	681,654.94	
Accounts Receivable--Employees.....	80,057.63	
Accounts Receivable--Government.....	1,948.11	
Taxes Withheld--Pensions.....	1,567.20	935,359.22

Forward.....	\$3,119,983.62
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Forward..... \$3,119,983.62

*Items Relating to Other Fiscal Years*

Advance Receipts for Following Year.....	14,290.59	
Rooms Paid for in Advance.....	7,703.84	
Expenses for Following Year.....	20,640.08	
Prepaid Insurance.....	9,860.97	
Accounts Payable.....	33,785.95	
Inventories.....	24,765.05	
Reserve for New Boiler--Applied.....	3,564.48	
Reserve for Barclay Hall Repairs--Applied.....	<u>3,430.63</u>	118,041.59

*New Construction*..... 70,573.93

*Investments Realized*

*Consolidated Investments:*

*Bonds -*

Industrial.....	351.56	
Public Utility.....	1,000.00	
Railroad.....	89,807.94	

*Preferred Stock*

Public Utility.....	7,800.00	
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*Common Stock*

Banks & Insurance.....	12,653.21	
Industrial.....	185,322.29	
Public Utility.....	74,405.21	
Railroad.....	13,288.90	

*Mortgages*

Payments on Account.....	13,929.64	
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*Miscellaneous*..... 6,547.17 405,105.92

*William Pyle Philips Investments:*

Bonds--Industrial.....	11,050.00	
Common Stock--Banks & Insurance...	7,873.00	
Industrial.....	<u>7,405.07</u>	26,328.07

*Anonymous*

Common Stock.....	21,457.84	
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*John Farnum Memorial Fund*..... 227.55

*Augustus Taber Murray Research*

Scholarship Fund.....	5,284.29	
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*C. Wharton Stork Art Gift Fund*..... 720.00 459,123.67

*Balance 9/1/52*

In Treasurer's Account.....	53,948.53	
In President's Account.....	16,922.68	
In Anonymous Account.....	<u>1,751.66</u>	72,622.87

*Total Receipts*..... \$3,840,345.68

EXPENDITURES

1952-1953

*Expenses of Running the College*

*Administration*

Salaries.....	84,182.44	
Supplies and Postage.....	4,911.98	
Services.....	2,171.35	
Telegraph and Telephone.....	1,815.05	
Replacement and Repair.....	322.88	
Additional Equipment.....	264.10	
Taxes.....	991.21	
Insurance.....	194.55	
Traveling.....	2,395.72	
Public Relations.....	7,305.39	
Printing.....	10,414.99	
Entertainment.....	<u>3,200.18</u>	118,169.84

*Educational Departments*

Salaries.....	348,725.37	
Supplies and Postage.....	28,459.47	
Services.....	2,103.67	
Telegraph and Telephone.....	2,622.54	
Replacement and Repair.....	367.36	
Taxes.....	4,004.18	
Insurance.....	2,154.60	
Traveling.....	4,150.07	
Not Elsewhere Classified.....	<u>5,080.85</u>	397,668.11

*Maintenance and Operation*

Wages.....	94,834.68	
Supplies and Inventories.....	5,648.60	
Contracts.....	14,611.00	
Water, Heat, Light, Power.....	34,642.16	
Telegraph and Telephone.....	512.67	
Replacement and Repair.....	10,580.96	
Small Tools and Equipment.....	3,230.59	
Taxes.....	7,107.20	
Insurance.....	5,391.69	
Not Elsewhere Classified.....	<u>5,152.25</u>	181,711.80

*Dining Room and Kitchen*

Salaries.....	56,224.64	
Supplies and Postage.....	139,548.16	
Services.....	15,690.21	
Water, Heat, Light, Power.....	4,625.49	
Telegraph and Telephone.....	240.64	
Replacement and Repairs.....	2,678.17	
Small Tools and Equipment.....	5,533.56	
Taxes.....	448.47	
Insurance.....	<u>122.67</u>	225,112.01

*Development*

Salaries.....	18,270.47	
Supplies.....	<u>12,045.79</u>	

<i>Forward</i> .....	\$30,316.26	\$922,661.76
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<i>Forward</i> .....	\$30,316.26	\$922,661.76
<i>Development (Continued)</i>		
Services.....	15,592.54	
Telegraph and Telephone.....	592.28	
Replacement and Repairs.....	11.75	
Taxes.....	105.76	
Insurance.....	30.41	
Traveling.....	474.56	
Not elsewhere classified.....	<u>396.63</u>	47,520.19
<i>Prepaid Operative Expenses</i> .....		<u>30,000.00</u>
<i>Total Expenses of Running the College</i> .....		1,000,181.95
<i>Miscellaneous Expenses</i>		
Treasurer's, Secretary's & Legal Expense and Service.....	11,843.98	
Old Style Pensions to Faculty.....	28,491.12	
Interest.....	1,671.85	
Stork Art Gift Shortage of Income.....	723.79	
Seventh 1/10 cost of New Boiler in Power Plant..	3,564.48	
Seventh 1/10 cost of Barclay Hall Repairs.....	3,430.63	
Work Aid to Students Charged Off.....	4,622.23	
Pensions to Non-Faculty and Reserves (see account).....	7,250.00	
Death Benefit for Non-Faculty Reserve.....	1,000.00	
Alumni Association Expenses Charged Off.....	<u>12,975.55</u>	75,573.63
<i>Expenditure from Income of Funds</i>		
For Scholarships & Fellowships.....	29,171.91	
Books Awarded in Lieu of Scholarships.....	508.80	
Prize.....	40.00	
Transferred to Donations for Scholarships.....	5,000.00	
Clementine Cope Fellowship.....	<u>1,000.00</u>	35,720.71
<i>Expenditures from Income of Funds for Library</i>		
Lectures.....	150.00	
Books.....	10,047.06	
Cataloging.....	<u>150.00</u>	10,347.06
<i>Expenditure from Income of Augustus Taber Murray Fund</i>		
Annuity.....		980.00
<i>Expenditures from Income of Funds for Special Purposes</i>		
Lectures.....	1,368.26	
Books.....	96.74	
Prizes.....	460.00	
Planting.....	606.29	
Work Camp.....	510.50	
Trips of Students.....	143.72	
Religious Education Committee.....	200.00	
Community Study.....	331.38	
Observatory.....	<u>970.67</u>	<u>4,687.56</u>
<i>Forward</i> .....		\$1,127,490.91

Forward..... 1,127,490.91

*Expenditures from Wm. Pyle Philips*

*Fund--Special*

Visitors.....	30,429.52	
Renovation of Visitors Apartments.....	12,268.18	
Dedicatory Celebration Catalog.....	11,236.07	
Speakers at Dedicatory Celebration.....	2,377.26	
Miscellaneous Cost at Dedicatory Celebration....	1,197.79	
Miscellaneous Expenses.....	310.66	
Library--Purchases, Periodicals, Binding.....	<u>9,205.25</u>	67,024.73

*Spent from Donations*

For Music.....	652.00	
For Field House Transferred to Development Program.....	76.97	
For Library:		
Books.....	528.30	
Speakers.....	211.50	
Sundries.....	<u>345.51</u>	1,085.31
For Prizes.....	25.00	
For Student Loans.....	455.00	
For Scholarships.....	15,125.00	
For Scholarships in Social & Technical Assistance.....	9,800.00	
For Salary.....	4,149.00	
For Campus Club.....	246.65	
For Cope Field.....	14.15	
For General Purposes.....	349.23	
For Language Laboratory & Seminar Room.....	760.09	
For Russian Program.....	3,380.45	
For Work Camp Evaluation.....	908.67	
For W. Ufford Project.....	708.87	
For Lewis Green Project.....	2,013.11	
For T. O. Jones Project.....	51.14	
For Freshman English.....	11,935.91	
For Sociology.....	100.00	
For Research from Rockefeller Grant..	7,565.22	
For Theo. Benfey Project.....	682.40	
For Fullbright Evaluation.....	<u>7,500.00</u>	67,584.17
For Human Relations.....		4,300.00
Transferred to Corporation Account..	6,726.74	
Alumni Association--Operations.....	<u>6,410.64</u>	<u>13,137.38</u>
		85,021.55

*Non-Faculty Pensions--Paid from Reserve.....* 2,065.00

*Miscellaneous Items to Balance Account*

Library.....	2,337.42	
Taxes Withheld--Paid.....	87,917.68	
In & Out.....	515.70	
Taxes Withheld--Pensions.....	1,561.20	
Work in Progress--Spent.....	10,945.75	
Student Store--Purchases & Operation.....	18,329.93	
Loans.....	16,651.01	
Student Affairs.....	720.61	
Bookstore--Including Cost of Renovation.....	<u>45,919.63</u>	

Forward..... \$184,898.93 \$1,281,602.19

Forward.....	\$184,898.93	\$1,281,602.19
<i>Miscellaneous Items to Balance Account (Continued)</i>		
Accounts Receivable from Students--Charge.....	681,684.99	
Accounts Receivable from Employees--Charges....	147,899.96	
Accounts Receivable from Government--Charges....	8,571.64	
Fire Losses.....	<u>13.56</u>	1,023,069.08
Cash Over & Short.....		44.47
<i>Items Relating to Other Fiscal Years</i>		
Advance Receipts for Other Years--Applied.....	7,703.25	
Rooms Paid in Advance--Applied.....	5,762.35	
Expenses for Following Years--Applied.....	23,929.31	
Prepaid Insurance.....	6,528.57	
Accounts Payable.....	14,119.36	
Inventories on Land.....	<u>14,203.48</u>	72,246.32
<i>New Construction</i>		
Library Wing--Remodeling.....		
(total cost \$60,175.56).....	21,024.77	
Water Line in Featherbed Lane.....	4,797.08	
Sewer Line.....	6,278.84	
Improvements to Campus Houses.....	<u>4,930.30</u>	37,030.99
<i>Income Transferred to Principal</i>		
Max Leuchter Scholarship Fund.....	234.20	
1949 Campaign Salary Fund.....	1,015.61	
Rufus M. Jones Fund for Advancement of Teaching.	2,065.01	
Moses Brown Fund.....	2,188.34	
Isaac Thorne Johnson Scholarship Fund.....	137.11	
1949 Campaign Scholarship Fund.....	251.84	
1949 Campaign Library Fund.....	202.07	
Mary Farnum Brown Library Fund.....	18.42	
George Peirce Prize Fund.....	131.36	
Mathematics Department Prize Fund.....	<u>42.73</u>	6,286.69
<i>Investments Made or Donated</i>		
<i>Consolidated Investments</i>		
<i>Bonds</i>		
Industrial.....	35,636.00	
Public Utility.....	40,975.00	
Railroad.....	139,917.63	
Miscellaneous.....	24,937.50	
<i>Preferred Stock</i>		
Industrial.....	98,880.00	
Railroad.....	15,618.11	
Public Utility.....	20,812.50	
<i>Common Stock</i>		
Bank & Insurance.....	1,457.44	
Industrial.....	147,552.38	
Public Utility.....	<u>36,567.73</u>	562,354.29
Forward.....	\$562,354.29	\$2,420,279.74

Forward..... \$562,354.29 \$2,420,279.74

*Investments Made or Donated  
(Continued)*

*William Pyle Philips Investments*

*Bonds*

Industrial..... 10,106.00  
Railroad..... 55,480.76

*Preferred Stock*

Industrial..... 104,689.50  
Railroad..... 15,467.75

*Common Stock*

Industrial..... 390,664.27  
Public Utility..... 36,188.93 612,597.21

*Anonymous*

Common Stock..... 57,496.64

1,232,448.14

*Balance August 31, 1953*

Treasurer's Account..... 154,225.69  
President's Account..... 30,605.43  
Anonymous Account..... 2,786.68 187,617.80

*Total Expenditures*..... \$3,840,345.68

# Lawrence E. Brown & Company

ESTABLISHED 1882

## Certified Public Accountants

PENNSYLVANIA

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

October 15, 1953

Board of Managers  
The Corporation of Haverford College  
Haverford, Pennsylvania

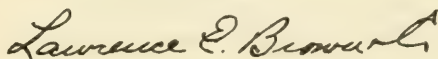
Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1953, as set forth in the annual report of the Treasurer and Comptroller of The Corporation of Haverford College.

Our examination comprised the verification of the receipts and expenditures of the Treasurer and Comptroller for the year; the reconciliation of the cash balance at 8th Month 31, 1953 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company and Fidelity-Philadelphia Trust Company as fiscal agents for the Corporation.

In our opinion, the annual report of the Treasurer and Comptroller correctly sets forth the results of the operations of The Corporation of Haverford College for the fiscal year ended 8th Month 31, 1953, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,



Lawrence E. Brown & Co.  
Certified Public Accountants

DONATIONS FOR ADDITIONS TO FUNDS

1952-1953

WILLIAM PYLE PHILIPS FUND

On account of residuary estate of

William Pyle Philips..... 573,339.17

LEONARD L. GREIF, JR. & ROGER L. GREIF FUND

From Leonard L. Greif, Jr..... 1,000.00

MORRIS E. LEEDS FUND

On account of residuary estate of

Morris E. Leeds..... 248,880.00

GILBERT C. FRY FUND

From Gilbert C. Fry..... 1,500.00

TILNEY MEMORIAL FUND

From I. Sheldon Tilney..... 500.00

JONATHAN & RACHEL COPE EVANS FUND

(Through 1949 Campaign)

From Edward Evans..... 500.00

DAVID R. BOWEN PRE-MEDICAL FUND

From Lewis H. Bowen..... 25.00

1890 MEMORIAL SCHOLARSHIP FUND

From Andrew L. Lewis..... 100.00

CLASS OF 1917 SCHOLARSHIP FUND

Loring Dam.....	10.00	
Donald Chandler.....	50.00	
William Henry Chamberlain.....	15.00	
Joseph W. Greene, Jr. ....	200.00	
Albert W. Hall.....	25.00	
M. Alexander Laverty.....	10.00	
Weston Howland.....	50.00	
Jesse G. Forsythe.....	5.00	
Hugh E. McKinstry.....	<u>50.00</u>	415.00

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

From Russell Allen & Triangle Society..... 1,330.00

ROY THURLBY GRIFFITH MEMORIAL FUND (New)

Legacy of Grace H. Griffith..... 5,000.00

*Forward*..... \$832,589.17



Forward.....	\$832,589.17
<i>Donations for Additions to Funds (Continued)</i>	
CHARLES McCAUL FUND (New)	
Legacy of Mary N. Weatherly.....	35,825.67
ISAAC & LYDIA COPE SHARPLESS FUND (New)	
Legacy of Lydia Cope Sharpless.....	5,000.00
A. CLEMENT WILD SCHOLARSHIP FUND	
(Through 1949 Campaign)	
From Mrs. Gertrude A. Wild.....	4,300.00
EDWARD HAWKINS MEMORIAL FUND (New)	
From Class of 1937.....	1,457.44
J. HENRY SCATTERGOOD FUND	
(Through 1949 Campaign)	
From J. Henry Scattergood.....	<u>1,000.00</u>
	<u><u>\$880,172.28</u></u>

## D O N A T I O N S

### MUSIC

From Friends of the College..... 852.50

### BOOKS AND LIBRARY

From Library Associates..... 686.23  
 Matzke Royalties..... 24.90  
 Dean P. Lockwood..... 66.50 777.63

### SCHOLARSHIPS

Anonymous Donors..... 550.00  
 Corporation Scholarships Relinquished..... 3,300.00  
 Haverford Society of Maryland..... 458.37  
 New England Scholarship Committee..... 435.00  
 Unspecified:  
 Mr. & Mrs. S. Cone..... 100.00  
 PTA Sharon Hill..... 100.00  
 Yarnall Education Committee..... 400.00  
 Mrs. J. C. Collins..... 150.00  
 J. Campbell Burton..... 250.00  
 M. F. Nunns..... 2,000.00  
 Sol Goldstein..... 500.00  
 Jonathan Steere..... 300.00  
 Clarence Hoag..... 100.00  
 American Church..... 100.00  
 Max Kade Foundation..... 400.00  
 Towers-Perin-Forster-Crosby..... 1,850.00  
 Brenneman Foundation..... 100.00  
 Student Association of College..... 776.08 7,126.08  
 Evan Stavitsky Foundation..... 250.00  
 Carl Schmidt Foundation..... 500.00  
 Guggenheim Foundation..... 1,000.00  
 E. C. Dean Fund..... 400.00  
 Philadelphia School District..... 800.00  
 Class of 1952..... 558.63  
 Friends Freedman Association..... 2,400.00 17,778.08

### SCHOLARSHIPS IN SOCIAL & TECHNICAL ASSISTANCE

Field Foundation..... 5,000.00  
 Moses Brown Fund..... 5,000.00 10,000.00

### ALUMNI ASSOCIATION.....

4,149.00

### CAMPUS CLUB

From Members..... 227.00

### COPE FIELD

A. G. Scattergood, Treasurer..... 70.00

*Forward*..... \$33,854.21

Forward..... \$33,854.21

Donations (Continued)

GENERAL PURPOSES

Henry Vogt.....	975.28	
Diana Reeve.....	100.00	
Richard P. Momsen.....	250.00	
Samuel Shuman.....	250.00	
Charles Frazier.....	151.85	
Yarnall Waring Co.....	2,000.00	
F. Murphey.....	1,000.00	
Temple Adath Israel.....	500.00	
M. Bregman.....	5.00	
For Philips Exhibition Case:		
Wm. Longstreth.....	5.00	
C. R. Cary.....	41.00	
Edward W. Evans.....	20.00	
Alex. C. Wood.....	<u>20.00</u>	
	<u>86.00</u>	5,318.13

RADIO CLUB

Interest Allowed..... 72.43

RUSSIAN PROGRAM

Return of expense from Bryn Mawr College..... 4,933.10

LEWIS GREEN PROJECT

Transfer of Salary..... 306.25

SOCIOLOGY DEPARTMENT

From Southeastern Penna. Regional  
Planning Committee..... 195.70

RESEARCH

From College Budget to Close..... 190.77

FULLBRIGHT EVALUATION

From Ford Foundation..... 7,500.00

CHEMISTRY DEPARTMENT

From E. I. DuPont DeNemours..... 2,500.00

HUMAN RELATIONS GIFT

Dividends..... 175.50

REFUND.....

183.33

Total Donations..... \$55,229.42

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES"

Mr. & Mrs. Eugene C. Alder.....	\$ 3.00	Mr. & Mrs. Richard M. Martin.....	\$ 2.00
Mr. & Mrs. A. H. Allen.....	2.00	Miss Belle Matheson.....	5.00
Dr. & Mrs. K. E. Appel.....	20.00	Miss Virginia A. McCall.....	2.00
Mr. & Mrs. Manuel Asensio.....	2.00	Mr. Samuel S. McNeary.....	5.00
Mr. & Mrs. Herbert Ol Bailey.....	5.00	Mr. & Mrs. Richard W. Mecaskey.....	3.00
Mr. Wilfred Bancroft.....	5.00	Mr. & Mrs. William E. G. Miller.....	5.00
Mrs. Robert M. Bird.....	2.00	Mrs. Bingham Milne.....	5.00
Mr. & Mrs. Paul Bleyden.....	2.00	Mr. & Mrs. J. F. Mitchell, Jr.....	3.00
Mr. & Mrs. Harold W. Brecht.....	2.00	Mr. & Mrs. Christopher Morley.....	2.00
Mr. & Mrs. Friedrich Bruns.....	2.00	Mr. C. Christopher Morris.....	15.00
Mr. & Mrs. E. Lewis Burnham.....	10.00	Dr. & Mrs. Stuart Mudd.....	2.00
Mr. & Mrs. William E. Cadbury, Jr.....	4.00	Mr. Clarence N. Myers.....	2.00
Mrs. Richard L. Cary.....	5.00	Miss Caroline Newton.....	10.00
Mr. & Mrs. Aldo Caselli.....	2.00	Dr. & Mrs. Jesse T. Nicholson.....	20.00
Mrs. G. H. Chambers.....	4.00	Mrs. Carroll B. Nichols.....	2.00
Mr. & Mrs. George K. Chandler.....	4.00	Mrs. Robert S. Noone.....	10.00
Dr. & Mrs. J. Howard Cloud.....	2.00	Mr. & Mrs. Cletus O. Oakley.....	2.00
Mr. & Mrs. Hayward Coburn.....	5.00	Mr. & Mrs. Raymond T. Ohi.....	5.00
Mrs. William H. Collins.....	5.00	Dr. Ethel G. Peirce.....	3.00
Dr. & Mrs. Howard Comfort.....	2.00	Mr. & Mrs. Harry W. Pfund.....	2.00
Mr. & Mrs. Bennett S. Cooper.....	2.00	Mr. & Mrs. Clarence E. Pickett.....	4.00
Mr. & Mrs. James A. Crawford.....	2.00	Mr. & Mrs. L. Arnold Post.....	2.00
Mr. & Mrs. Carlton Cressman.....	4.00	Miss Ida W. Pritchett.....	5.00
Mr. Claude A. Cubberley.....	2.00	Mrs. G. R. Rebmann, Jr.....	5.00
Dr. & Mrs. David M. Davis.....	5.00	Miss Diana Reeve.....	10.00
Mr. & Mrs. Thomas E. Drake.....	5.00	Mr. & Mrs. Layton B. Register.....	5.00
Mr. & Mrs. Henry S. Drinker, Jr.....	10.00	Mr. Legh W. Reid.....	6.00
Mr. & Mrs. Woodruff J. Emlen.....	3.00	Mr. & Mrs. William A. Reitzel.....	4.00
Mr. & Mrs. Leonard L. Eyster.....	2.00	Mr. Charles J. Rhoads.....	10.00
Mrs. McClure Fahnestock.....	2.00	Mr. & Mrs. John F. Rich.....	10.00
Dr. & Mrs. Clifford B. Farr.....	2.00	Mr. Charles S. Ristine.....	5.00
Miss Esther H. Flynt.....	5.00	Mr. & Mrs. Leon H. Rittenhouse.....	2.00
Miss Kathryn Forrest.....	2.00	Mrs. Louis Barclay Robinson.....	5.00
Mrs. Sara K. Fuller.....	2.00	Mr. & Mrs. George Rosengarten.....	2.00
Mrs. J. Holcombe Genung.....	5.00	Mrs. John M. Rusby.....	2.00
Mr. & Mrs. Douglas Gould.....	5.00	Mr. & Mrs. William P. Sadler.....	10.00
Mr. & Mrs. Louis C. Green.....	2.00	Mr. & Mrs. Ralph M. Sargent.....	10.00
Mr. Morris M. Green.....	20.00	Mr. & Mrs. J. Henry Scattergood.....	5.00
Miss Gladys H. Griscom.....	2.00	Mrs. Samuel Scoville, Jr.....	2.00
Mr. & Mrs. Richard M. Gunmere.....	2.00	Dr. & Mrs. Frederic C. Sharpless.....	2.00
Miss Bertha E. Harding.....	4.00	Mr. & Mrs. Thos. K. Sharpless.....	2.00
Mr. & Mrs. Gaylord P. Harnwell.....	5.00	Mr. Lucius R. Shero.....	5.00
Miss Ethel Hastings.....	5.00	Miss Mary Christine Smith.....	5.00
Mrs. John V. Hastings, Jr.....	5.00	Mr. & Mrs. Edward D. Snyder.....	2.00
Mr. & Mrs. S. J. Herben.....	4.00	Mr. Freas B. Snyder.....	2.00
Mr. & Mrs. John G. Herndon.....	4.00	Mr. & Mrs. Herman Somers.....	2.00
Miss Margaretta S. Hinchman.....	2.00	Dr. & Mrs. William C. Stadie.....	2.00
Mr. & Mrs. Harrison S. Hires.....	10.00	Mr. & Mrs. Herbert W. Starr.....	3.00
Mr. & Mrs. Clarence G. Hoag.....	10.00	Miss Margaret H. & Mary H. Steen.....	10.00
Mrs. Gilbert T. Hoag.....	2.00	Mr. & Mrs. Jonathan M. Steere.....	5.00
Mr. & Mrs. Howard J. Hogenauer.....	10.00	Mrs. J. Stogdell Stokes.....	5.00
Mr. & Mrs. Allen F. Horton.....	5.00	Mr. & Mrs. Hugh E. Stone.....	5.00
Mr. & Mrs. Holland Hunter.....	2.00	Mrs. Kenneth E. Stuart.....	15.00
Mrs. Ralph D. Jackson.....	2.00	Mr. & Mrs. Philip S. Sweetser.....	2.00
Mr. & Mrs. Ames Johnston.....	2.00	Mr. Emmett R. Tatnall.....	2.00
Mr. & Mrs. J. Barclay Jones.....	10.00	Mrs. Arthur H. Thomas.....	5.00
Mr. John A. Kelly.....	3.23	Miss Marjorie L. Thompson.....	10.00
Mrs. William M. Kift.....	3.00	Mr. & Mrs. Owen J. Toland.....	5.00
Dr. & Mrs. John M. Kimmich.....	5.00	Mr. & Mrs. Edwin L. Voegel.....	4.00
Mr. & Mrs. M. Alexander Laverly.....	4.00	Mr. & Mrs. Bernard E. Wallace.....	15.00
Mr. & Mrs. John A. Lester, Jr.....	2.00	Dr. & Mrs. J. W. Welty.....	4.00
Mr. & Mrs. M. Albert Linton.....	10.00	Mr. & Mrs. W. Nelson L. West.....	5.00
Mr. Robert A. Locke.....	5.00	Mr. & Mrs. W. Nelson West, III.....	5.00
Mr. & Mrs. Arthur B. Loder.....	10.00	Mr. Justice Williams.....	2.00
Mrs. J. Henry Longmaid.....	2.00	Mr. Albert H. Wilson.....	5.00
Mrs. Howard Longstreth & Mrs. Arthur Leverkus.....	6.00	Mr. & Mrs. D. Wright Wilson.....	2.00
Mr. & Mrs. Baldwin Lucke.....	2.00	Miss Rebecca B. Wistar.....	5.00
Miss Beatrice MacGeorge.....	5.00	Mr. & Mrs. Thomas Wistar.....	10.00
Mr. & Mrs. Archibald MacIntosh.....	2.00	Mr. & Mrs. Richard R. Wood.....	10.00
Dr. Charles N. Mahjoubian.....	2.00	Mr. & Mrs. Thomas M. Woodward.....	2.00
Mr. & Mrs. William M. Maier.....	2.00	Mr. & Mrs. Laurence W. Wylie.....	2.00

Brought Forward \$317.23

Total \$686.23

CONTRIBUTORS TO THE "CAMPUS CLUB"

Mr. Albert L. Baily, Jr.....	\$ 10.00
Mrs. Samuel H. Baker.....	5.00
Mr. Wilfred Bancroft.....	5.00
Mr. & Mrs. Aldo Caselli.....	2.00
Mrs. Julia Cope Collins.....	5.00
Mr. Francis Wistar Brown Conti.....	1.00
Dr. W. Wallace Dyer.....	10.00
Mr. Edward Evans.....	5.00
Mr. & Mrs. Robert Forster.....	2.00
Miss Lillian Gest.....	5.00
Mr. & Mrs. Louis Green.....	4.00
Robert C. James.....	10.00
Mr. John A. Kelly.....	5.00
Mrs. Rayner W. Kelsey.....	5.00
Mr. Clifford Lewis, Jr.....	10.00
Edna B. McIlvain.....	10.00
Mr. & Mrs. Meldrum.....	2.00
Mr. C. C. Morris.....	15.00
Mr. & Mrs. Stuart Mudd.....	10.00
Robert Scott Noone.....	25.00
Mr. & Mrs. L. A. Post.....	5.00
Legh W. Reid.....	5.00
Mrs. William P. Sadler.....	2.00
Mr. Alfred G. Scattergood.....	5.00
Mr. & Mrs. Alfred G. Schroeder.....	2.00
Mr. & Mrs. A. Smiley, Jr.....	2.00
Mr. Abram G. Tatnall.....	5.00
Mr. James H. Thorpe, M.D.....	5.00
Natalie R. Townsend.....	5.00
James H. Tuttle.....	10.00
Mr. Walton.....	10.00
Mrs. E. O. Warner.....	5.00
Dr. Gilbert White.....	5.00
Mr. Thomas Wistar.....	5.00
Mrs. Edward Woolman.....	10.00

\$227.00

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CONTRIBUTORS TO THE "HAVERFORD COLLEGE FRIENDS OF MUSIC"

Dr. Francis Heed Adler.....	\$ 5.00
Miss Jane M. Agnew.....	2.00
Mr. Edward P. Alexander.....	2.00
Mrs. Kenneth E. Appel.....	2.00
Madeleine H. Appel.....	2.00
Dr. R. F. Arragon.....	5.00
Mary Gibbons Babb.....	2.00
Mr. Robert S. Beal.....	2.00
Mr. Lee C. Bennett, Jr.....	2.00
Mr. Richard Bernheimer.....	2.00
Virginia & Joseph Berry.....	4.00
Miss Carol Biba.....	2.00
Miss Alice Biddle.....	10.00
Miss Constance Biddle.....	10.00
Mr. & Mrs. J. R. Broughton.....	4.00
Mrs. Richard L. Cary.....	2.00
Mr. Aldo Caselli.....	5.00
Mrs. Theodore D. Casto.....	5.00
Mrs. Julia Cope Collins.....	5.00
Mrs. Howard Comfort.....	2.00
Mrs. W. W. Comfort.....	5.00
Frances Brown Conti.....	2.00
Mr. & Mrs. Bennett S. Cooper.....	2.00
Mr. James A. Crawford.....	2.00
Mr. & Mrs. James Creese.....	5.00
Miss Elinor E. Curwen.....	2.00
Miss Millicent W. Dana.....	5.00
Mr. & Mrs. James K. Davis.....	4.00
Mr. & Mrs. William Davis.....	2.00
Doris M. Collot d Escury.....	2.00
Mr. & Mrs. Henry S. Drinker.....	50.00
Mrs. L. E. Dunaway.....	2.00
Gertrude Ely.....	10.00
Mr. Spencer Ervin.....	5.00
Mrs. Edmund C. Evans.....	6.00
Miss Mary Evans.....	2.00
Mrs. McClure Fahnestock.....	2.00
Miss Esther H. Flynt.....	5.00
Miss Clare Ray Ford.....	2.00
Dr. & Mrs. Robert E. Forster.....	2.00
Dr. & Mrs. Martin Foss.....	2.00
Mrs. S. K. Fuller.....	5.00
Miss Gladys H. Griscom.....	2.00
Mr. & Mrs. M. Gutwirth.....	2.00
Mrs. John Harvey.....	10.00
Miss Ethel Hastings.....	5.00
Mrs. Anna Lloyd Hayward.....	5.00
Miss Britie Headley.....	2.50
Mr. & Mrs. Harrison Hires.....	10.00
Mr. Robert J. Hunn.....	2.00
Mr. Holland Hunter.....	2.00
Ray A. Hutchinson.....	2.00
Mrs. H. M. Hutton.....	2.00
Mr. Harry Ingersoll.....	2.00
Sophia Yarnall Jacobs.....	10.00
Mr. Robert C. James.....	2.00
Mrs. Walter C. Janney.....	5.00
Virginia Keller.....	2.00
Mr. John A. Kelly.....	2.00
H. W. Kerns.....	2.00
Mrs. William M. Kift.....	2.00

*Forward* \$270.50

Contributors to the "Haverford College Friends of Music" (Continued)

	Forward	\$270.50
Mr. William Kohler.....		5.00
Sylvia J. Lilly.....		2.00
Mrs. William E. Lingelbach.....		2.00
Mr. & Mrs. D. P. Lockwood.....		2.00
Miss Judith M. Logan.....		2.00
Mrs. Howard Longstreth.....		5.00
Miss Beatrice MacGeorge.....		2.00
Miss Elizabeth Madeira.....		2.00
Helen Taft Manning.....		10.00
Miss Berthe Marti.....		2.00
Mr. Richard M. Martin.....		5.00
Mrs. John R. Maxwell, Jr.....		5.00
Miss Virginia A. McCall.....		2.00
Miss Frances McMasters.....		2.00
Mr. & Mrs. William B. Meldrum.....		2.00
Mr. C. C. Morris.....		10.00
Mrs. Joseph H. Morris.....		2.00
Mr. & Mrs. Milton C. Nahm.....		5.00
Miss Caroline Newton.....		5.00
Robert Scott Noone.....		10.00
Mildred B. Northrop.....		2.00
Mrs. William A. Obdyke.....		2.00
Mr. Otto Patzau.....		2.00
Mr. & Mrs. Harry Pfund.....		4.00
Mr. L. A. Post.....		2.00
Miss Marinetta D. Potter.....		2.00
Mr. Calvin H. Rankin.....		5.00
Louise Ratledge.....		2.00
Mrs. Richard Recknagel.....		2.00
Mr. & Mrs. Ira DeA Reid.....		2.00
Mr. Charles J. Rhoads.....		10.00
Dr. Jonathan E. Rhoads.....		5.00
Mrs. John Rich.....		2.00
Caroline Robbins.....		10.00
Mrs. William P. Sadler.....		2.00
Mr. & Mrs. Ralph M. Sargent.....		5.00
Mr. & Mrs. Franklin D. Sauveur.....		4.00
Mrs. Charles C. Savage.....		10.00
Josefine Schreier.....		2.00
Mrs. Richard J. Schutte.....		2.00
Mrs. John S. Sharpe.....		25.00
Miss Mary C. Smith.....		5.00
Mr. Edward D. Snyder.....		2.00
Mr. & Mrs. Alexander Soper.....		4.00
Miss Mary H. Steen.....		2.00
Dr. S. Emlen Stokes.....		5.00
Mrs. J. Stoddell Stokes.....		5.00
Mr. Fred Stork.....		2.00
Miss Carol H. Thomas.....		2.00
Dr. & Mrs. G. Toennies.....		4.00
Mr. Joseph J. Tunney.....		2.00
Mrs. C. W. Ufford.....		2.00
Mrs. David Van Pelt.....		5.00
Mrs. R. R. Van Valkenburgh.....		5.00
Dr. Joseph A. Wagner.....		2.00
Mrs. John K. Walker.....		2.00
Mrs. Esther C. Warren.....		2.00
Mr. Gilbert F. White.....		2.00
Mrs. William White.....		5.00
Mr. H. Justice Williams.....		2.00
Mr. Albert H. Wilson.....		10.00

Forward \$524.50

Contributors to the "Haverford College Friends of Music" (Continued)

	<b>Forward</b>	<b>\$524.50</b>
Miss Elen Wilson.....		5.00
Mr. Owen J. Wister.....		10.00
Isabel Witte.....		2.00
Mr. Alexander C. Wood, Jr. ....		2.00
Mr. Kenneth S. Woodrofe.....		2.00
Mrs. C. E. Wunder.....		2.00
Mrs. Laurence Wylie.....		2.00
Mr. George Zimmerman.....		5.00
		<hr/>
		<b>\$554.50</b>
		<hr/>

Season 1953-1954

Mr. Edward P. Alexander.....	\$	5.00
Mrs. Theodore D. Casto.....		5.00
Mrs. Julia Cope Collins.....		5.00
Mrs. Helen F. Comfort.....		5.00
Mr. & Mrs. Bennett S. Cooper.....		2.00
Mr. James A. Crawford.....		2.00
Mr. & Mrs. James K. Davis.....		4.00
Mrs. Edmund C. Evans.....		10.00
Miss Mary Evans.....		3.00
Mrs. McClure Fahnestock.....		5.00
Miss Esther Flynt.....		5.00
Miss Clare Ray Ford.....		2.00
Mrs. Sara K. Fuller.....		5.00
Mrs. John S. C. Harvey.....		10.00
Miss Ethel Hastings.....		5.00
Mrs. Nathan Hayward.....		5.00
Mr. & Mrs. Holland Hunter.....		5.00
Mr. Robert C. James.....		2.00
Mr. John A. Kelly.....		5.00
Miss Judith M. Logan.....		2.00
Dr. Richard M. Martin.....		5.00
Miss Virginia McCall.....		5.00
Robert Scott Noone.....		10.00
Mrs. William A. Obdyke.....		5.00
Mr. L. Arnold Post.....		2.50
Calvin H. Rankin.....		5.00
Mrs. Richard Reckmagel.....		2.00
Mr. Charles J. Rhoads.....		10.00
Miss Caroline Robbins.....		10.00
Ralph & Louise A. Sargent.....		5.00
Miss Mary C. Smith.....		5.00
Mr. & Mrs. Alexander C. Soper.....		4.00
Dr. S. Emlen Stokes.....		10.00
Miss Carol H. Thomas.....		5.00
Beatrice W. Ufford.....		2.00
Mrs. Esther C. Warren.....		2.00
Mr. & Mrs. Gilbert White.....		5.00
Mrs. William White.....		5.00
Mr. H. Justice Williams.....		5.00
Mr. Albert H. Wilson.....		10.00
Ellen Winsor.....		10.00
Mr. Alexander C. Wood, Jr.....		2.00
Mrs. Laurence W. Wylie.....		2.00
		<hr/>
		<b>\$218.50</b>
		<hr/>
	<b>Total</b>	<b>\$773.00</b>



NON-FACULTY PENSIONS ACCOUNT

RECEIPTS

Balance September 1, 1952

Composed of reserves and  
interest accumulated..... \$28,975.81

Added:

Towards funding liability  
for past services..... 4,448.00

Yearly payment for future  
services..... 737.00

For payment to retired  
persons--current..... 2,065.00

Interest..... 1,448.79

\$37,674.60

EXPENDITURES

Pensions paid to three persons:

M. Norris, J. O. Rantz and H. Wilson..... 2,065.00

Balance August 31, 1953..... \$35,609.60

REPORT NO. 27 OF

"LOAN FUND"

Established 1926

Current Year 1952-1953

Cash balance on hand, August 31, 1952.....	\$ 6,263.45
10 Loans Repaid During Year.....	1,779.45
5 partial payments on loans during year.....	455.57
Interest received during year.....	352.98
	<u>\$ 8,851.45</u>

*Operating Expenses*

5 loans made during year.....	1,355.50
Printing.....	14.75
Cash on hand, August 31, 1953.....	\$ 7,481.20
Loans outstanding, August 31, 1953.....	12,618.01
Interest outstanding, August 31, 1953.....	1,178.36
Total resources, August 31, 1953.....	<u>\$ 21,277.57</u>

Total to August 31, 1953

Gifts and donations.....	\$ 28,131.14
419 loans repaid.....	63,373.74
558 payments on loans.....	24,269.68
Interest paid up.....	15,685.46
Other sundry collections.....	50.02
Total receipts.....	\$131,510.04
Repayments of gifts and donations.....	\$21,708.05
Loss on funds and Merion Title & Trust Co.....	582.01
Expenses.....	160.21
Loans granted.....	<u>101,578.57</u>
	<u>124,028.84</u>
Cash balance on hand, August 31, 1953.....	\$ 7,481.20
Outstanding interest to August 31, 1953.....	1,178.36
Outstanding loans to August 31, 1953.....	12,618.01
	<u>\$ 21,277.57</u>

## ENDOWMENT FUNDS

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### FUNDS FOR GENERAL PURPOSES

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#### GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300. Present book value, \$97,295.14. The income is used for salaries and scholarships.

#### JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College. Present book value, \$32,375.19.

#### JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,640.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

#### DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

#### EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

#### WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. There are no restrictions. The income is used for general college purposes. Present book value, \$5,144.24.

#### ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,781.94. The income only is used for the payment of professors or teachers.

### **JACOB P. JONES ENDOWMENT FUND**

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,301,375.34. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

### **JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS**

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$275,899.76. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

### **ELLEN WALN FUND**

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$11,117.10. There are no restrictions. The income is used for general college purposes.

### **CLEMENTINE COPE ENDOWMENT FUND**

Founded in 1904 by bequest of \$25,000 from Clementine Cope. There are no restrictions. The income is used for general college purposes. Present book value, \$21,493.67.

### **NATHAN BRANSON HILL TRUST**

Founded in 1904 by deposit with First National Bank and Trust Company of Minneapolis, Minn., Trustee, of a paid up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid in the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931 Samuel Hill died and the policy realized \$5,039. The Trust is to remain in the care of the above named bank, now known as First National Bank of Minneapolis, until twenty-one years after the death of Samuel Hill's son, James N. Hill, who is still alive. At that time, the Trust is to terminate and the principal is to be vested in Haverford College absolutely.

### **JOSEPH E. GILLINGHAM FUND**

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 was until recently appropriated annually from the income for scholarships, the balance being used for general college purposes. Present book value, \$42,394.72.

### **HENRY NORRIS FUND**

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,886.01. There are no restrictions. The income is used for general college purposes.

### **ELIZABETH H. FARNUM FUND**

Founded in 1891. The original principal of this fund, amounting to \$10,000, was held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum of Philadelphia. The income was first paid to a life tenant until 1914, when income first accrued to the College "for the payment of the salaries of teachers and professors by the said College employed." Under date of Ninth Month 18, 1944, upon petition of the Trustee, concurred in by the College, the Court of Common Pleas awarded the principal to the Corporation of Haverford College "to be administered by it for the purposes set forth in the deed of trust in accordance with the non-profit corporation law."

### **JAMES R. MAGEE FUND**

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250, \$100, \$449.89, \$175.00, 197.99. (1947-48) and \$7.40 (1948-49), under his legacy. Present book value, \$45,035.96. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

### **ALBERT K. SMILEY FUND**

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,500.00. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

### **THE HINCHMAN ASTRONOMICAL FUND**

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$39,515.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

### **WALTER D. AND EDITH M. L. SCULL FUND**

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the

principal of the fund. Present book value, \$174,560.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

#### **ALBIN GARRETT MEMORIAL FUND**

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

#### **ARNOLD CHASE SCATTERGOOD MEMORIAL FUND**

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. The income only is to be used toward the payment of professors' salaries. Present book value, \$24,381.59.

#### **FRANCIS B. GUMMERE MEMORIAL FUND**

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stoddell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$125,569.51.

#### **ISAAC SHARPLESS MEMORIAL FUND**

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received, were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$218,728.43.

#### **GENERAL EDUCATION BOARD FUND**

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$126,076.83.

#### **HVERFORD IMPROVEMENT FUND AND CONSOLIDATED CAMPUS HOUSES ACCOUNT**

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an

undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

As of Ninth Month 1, 1944, all of these eight College Lane houses, together with seven houses which had been bought for the College and formed a part of the College debt, and nine other Campus houses which were owned free of debt, were consolidated at a combined valuation of \$281,331.70 into a new Campus Houses Account held by Consolidated Investment Account. There have been additional investments in other College houses from time to time and the present book value is \$398,707.80. A return of 4% interest is to be credited to income to the College and 1½% is to be applied to the annual reduction of the investment.

#### CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2) but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, \$15.00 to that of 1939-1940, and \$11.34 for 1940-1941, and \$50 for 1943-1944.

There remained one investment in this fund not yet realized upon with a book value of \$231.06. At end of 1943-44 this was absorbed into Consolidated Investment Account, and the debt reduced further by \$231.06.

## **WILLIAM PENN FOUNDATION**

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$102,067.43.

## **WALTER CARROLL BRINTON MEMORIAL FUND**

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$14,125.79.

## **CORPORATION FUND**

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. In 1951 the fund was increased by \$4,994.50, being proceeds of the sale of .284 acres of land to Philadelphia Electric Co. Present book value, \$85,004.50. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

## **ELIZABETH J. SHORTRIDGE FUND**

Founded 12 Month 22, 1930, by bequest from Elizabeth J. Shortridge, without restrictions. Until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$10,000.00.

## **HOWARD COMFORT MEMORIAL FUND**

Founded in 1934 by gift of \$1,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908.

The fund was added to by further gifts from the same donor of \$1,000 in 1935, \$1,000 in 1936, \$2,000 in 1937 and \$500 in 1949. The income only is to be used for general purposes. Present book value \$5,527.31.

## **EMMA RIDGWAY COMLY FUND**

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$49,987.50.

## **ELLEN W. LONGSTRETH FUND**

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and residuary \$84,416.28 in 1935-36, together with further realization on



residuary assets, viz. \$3,338.69 in 1936-37, \$73.33 in 1938, \$166.80 in 1942-43, and \$258.00 in 1943-44 and in 1947-1948, \$10,785.65 additional was received upon the death of a life tenant of a trust, making a total of \$119,038.75. Present book value, \$117,520.19.

#### **ALBERT L. BAILY FUND**

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$5,000.00.

#### **ELIZABETH B. WISTAR WARNER FUND**

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value \$4,950.00.

#### **T. ALLEN HILLES BEQUEST**

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$280,764.31.

#### **LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND**

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Further gifts of \$1,000 from each of the above donors were made in 1947-1948. During 1949-1950 an additional gift of \$1,000.00 was received from Leonard L. Greif, Jr. Further gift was made in 1952-1953 of \$1,000.00 by Leonard L. Greif, Jr. Present book value, \$7,000.00.

#### **EDWARD M. WISTAR FUND**

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present book value, \$2,500.00.

### MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941 by a gift of 400 Participating shares of Leeds and Northrup Stock Trust (Value \$40,000.). This gift was added to in 1948 by a further gift of 550 shares (value \$55,000.), and in 1949 by 620 shares (value \$62,000.). Through the 1949 Campaign there were also added cash donation of \$59,000. Further donation in 1952-53 of 1500 shares.

The entire fund is unrestricted as to principal and interest, and was ordered by the Managers, until otherwise directed, to be included among the funds for general purposes. The present book value is \$464,880.00.

### J. HENRY SCATTERGOOD FUND

Founded Tenth Month, 1941, by donations totaling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of \$340 was made in 1943-44, \$200.00 in 1949-50, \$1,000 in 1950-51 (through 1949 campaign) \$1,000 in 1951-52 (through 1949 campaign), and \$1,000 in 1952-53 (through 1949 campaign).

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College.

### PARKER S. WILLIAMS FUND

Founded Tenth Month 1, 1947, by unrestricted bequest of \$100,000 under the will of Parker S. Williams, Class of 1894, of Villanova, Pa., who died in 1942. The actual amount received from the executors was \$103,993.26, due to the increased value of certain investments, which were held, instead of being converted, under an agreement with the College. Income was paid to the College from time to time until the receipt of the bequest.

### W. PERCY SIMPSON TRUST

#### Provident Trust Co. and William J. Clark Trustees

This perpetual Trust was established under the will of W. Percy Simpson, Class of 1890, who died Second Month 19, 1938. The will provides that one fourth of the net income from the residuary estate, after the death of his widow (who died in 1940) and of his son (who died in 1946), shall go to two grandchildren, and of the remaining three quarters one tenth shall go to Haverford College. Thus Haverford's share of the income now is 3/40th. The income comes partly from securities but largely from Texas Oil Royalties and rentals. Of the present income as estimated by the Trustees, Haverford's share is about \$1,875 per annum.

The will further provides "without imposing any obligation upon Haverford College, I recommend to it the advisability of expending the moneys which shall from time to time come to it under this will or so much thereof as may be required, for the examination and analysis of applicants for admission to the College with respect to their mental, physical and general qualifications, and of students therein for the purpose of determining the field of activity best suited to the individual."

The will further provides that whenever a vacancy shall occur by the death or resignation or otherwise of the individual Trustee, the selecting of a new Trustee shall be done by the governing body of Haverford College, and that if The College fails to perform this duty, the payment of further income to it shall terminate.

#### **CLARENCE W. BANKARD FUND**

Founded Second Month 10, 1948, by unrestricted bequest from Clarence W. Bankard, Class of 1901, of Philadelphia, amounting to \$4,418.75. The Board until otherwise ordered, set up a new fund for general purposes unrestricted as to principal and income.

#### **GILBERT C. FRY FUND**

Founded Fourth Month 2, 1948, by an unrestricted gift of \$1,000 U. S. Treasury Bond from Gilbert C. Fry, of Germantown, Philadelphia, Class of 1923, in remembrance of his 25th anniversary of graduation. A new fund was set up and until otherwise ordered by the Managers, the income only will be used for general purposes. Further gift of \$500.00 was made in 1949-50, \$1,000 was made in 1950-51 (through 1949 campaign), \$1,000 1951-52, and \$1,500 in 1952-53. Present book value \$5,000.00.

#### **DANIEL B. BOYER FUND**

Founded Third Month 3, 1948, with an initial gift of \$2,500 in stock from Daniel B. Boyer, Boyertown, Pa., Class of 1911. The donor's letter states: "It is my desire that the income from the stock be allocated for faculty use. If present reduced College income is not sufficient to cover current faculty needs, the Board of Managers should not hesitate to sell the shares and apply the proceeds for that purpose." A new fund was set up, and until otherwise ordered by the Managers, the income only will be used for faculty salaries.

#### **MARY K. COMLY FUND**

Founded Sixth Month 29, 1948, by unrestricted bequest of Mary K. Comly, of Philadelphia, of \$35,000. A new fund was set up, and until otherwise ordered by the Managers, the income only is to be used for general purposes.

#### **HENRY C. BROWN TRUST**

##### **Pennsylvania Co. for Banking and Trusts, Trustee**

Founded Eighth Month 18, 1948, by bequest of estimated value of \$183,000 from Henry C. Brown, of Philadelphia, ex Class of 1866, to the Pennsylvania Co., in trust for benefit of Haverford College. The will provides that the income is to be used for current expenses. The will further provides that "the said College shall have power in its discretion to use a portion of the principal of the said trust estate not exceeding in any one year twenty per cent of the original fund for permanent purposes such as buildings, books and equipment proper for conducting the work of instruction and education."

The Managers have not as yet made any requisition to the Trustee for any share of the principal of the Trust.

#### **MARRIOTT C. MORRIS FUND**

Founded Ninth Month 1, 1948, by unrestricted bequest of \$10,000 from Marriott C. Morris, Class of 1885, of Germantown.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$10,000.

### MARY BROWN FUND

Founded Sixth Month 1, 1949, by unrestricted bequest of \$1,000 from Dr. Mary Brown, of Drexel Hill, Pennsylvania.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$1,000.

### 1949 CAMPAIGN SALARY FUND

Founded Sept. 1, 1950 by a transfer of \$107,800.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to augment faculty salaries and for increasing, where necessary, the teaching staff to make possible the desired ratio between faculty and students.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expanded at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$173,024.34.

### THE RUFUS M. JONES FUND FOR ADVANCEMENT OF TEACHING

Founded Sept. 1, 1950 by a transfer of \$235,000.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to stimulate professional growth, encourage desirable research, make possible short-term absences for study or to render special service, and to raise professors' salaries.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expanded at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$351,803.68.

### WILLIAM PYLE PHILIPS FUND

Founded on the death of William Pyle Philips, class of 1902, of New York City, N. Y. on December 18, 1950 by the bequest of his entire residuary estate as an endowment fund in perpetuity, the principal is to be invested in such securities as the Board of Managers shall deem advisable "but at least  $\frac{1}{2}$  thereof to be invested in diversified common stocks."

The income is "to be applied from time to time to such purposes as said Board of Managers in their discretion shall deem advisable, provided, however, that approximately one-half ( $\frac{1}{2}$ ) of such income be applied to one or more of the following purposes:

"(a) Purchase for the Treasure Room of the College Library of rare books which the College would not otherwise buy and comparable with the books mentioned in *Article Third* hereof;

"(b) Bringing to the College distinguished scientists or statesmen for a lecture or series of lectures, for courses of instruction, for seminars, for research or for other academic purposes; and

"(c) Subscription to important learned periodicals, domestic and foreign, of the various humanities and sciences, purchases of back numbers of such periodicals and binding of the same for permanent preservation in the College Library." Present book value \$1,427,757.56.

### WILLIAM B. BELL FUND

Founded in Ninth Month 1951 by partial distribution of \$19,444.44 on account of an unrestricted bequest to the College of William B. Bell, Class of 1900, of New York.

The fund is to be used for General Purposes and is included in Consolidated Investments Account. Present Book Value is \$19,444.44.

### **DR. THOMAS WISTAR FUND**

Founded in 1952, upon the termination of a Trust by the bequest of the residuary estate of Dr. Thomas Wistar, class of 1858, the funds are to be kept invested and the net income used for such purposes either general or special as the Managers of said College may direct. Present book value is \$25,068.15.

### **THE CHARLES McCAUL FUND**

Founded in 1953 by a bequest of 1/8th of the residuary estate of Mary N. Weatherly. The fund is to be known as The Charles McCaul Fund, in memory of her step-father. The income only shall be spent.

The use of the fund is unrestricted but it is the hope of the Testatrix that some portion of the income may be used to provide one or more scholarships, and that the rest of the income may be used to provide *sound and conservative instruction* in the Social Sciences.

It is my preference that such scholarships be awarded to students who show especial interest in the field of religion and the Social Sciences, but I do not specifically limit the use of the Fund, having confidence in Haverford College to teach high ideals." The present book value of this Fund is \$35,825.67.

### **ISAAC & LYDIA COPE SHARPLESS FUND**

Founded in 1953 by bequest of \$5,000.00 from Lydia Cope Sharpless, who died Sept. 23, 1952, "in memory of my husband, Isaac Sharpless." The fund is without restriction, and has a present book value of \$5,000.00.

### **FUND FOR GRADUATE SCHOOL**

#### **MOSES BROWN FUND**

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$372,813.89. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

### **FUNDS FOR INFIRMARY**

#### **INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. The income is used toward the expenses of the Morris Infirmary. Present book value, \$9,653.44.

#### **JOHN W. PINKHAM FUND**

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary. Present book value, \$5,059.50.

**FUND FOR HAVERFORD UNION**  
**HAVERFORD UNION FUND**

Founded in 1920 by gift from the former Haverford Union Members of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,878.82.

**FUNDS FOR SCHOLARSHIPS**  
**THOMAS P. COPE FUND**

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,257.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

**EDWARD YARNALL FUND**

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

**ISAIAH V. WILLIAMSON FUND**

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

**RICHARD T. JONES SCHOLARSHIP FUND**

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. The income only is to be used to sustain the "Richard T. Jones Scholarship." Present book value, \$5,056.25.

**MARY M. JOHNSON SCHOLARSHIP FUND**

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships. Present book value, \$7,013.61.

**SARAH MARSHALL SCHOLARSHIP FUND**

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships. Present book value, \$7,919.76.

**CLEMENTINE COPE FELLOWSHIP FUND**

Founded in 1899 by gift of \$25,000 from Clementine Cope. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty. Present book value, \$22,845.86.

**ISAAC THORNE JOHNSON SCHOLARSHIP FUND**

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$9,233.91. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

## CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Casper Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$6,451.21.

## J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,155.85.

## LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Havorford College."

In 1950 there was added to this fund the proceeds of ten life insurance policies formerly held in the Triangle Society Endowment Fund amounting to \$2,954.18 plus the balance of \$500 in that Fund and four additional con-



tributions of \$543.01, \$222.00, \$1,000. and \$330 by members of the Society, making the present book value of this Fund \$10,549.19.

#### **PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND**

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$5,045.60.

#### **ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND**

Founded in 1935 by gift of \$750. \$2,000 each year, 1936 to 1940, and in 1942; \$2,500 in 1941; \$1,000 in 1943; \$1,000 in 1944; \$2,000 in 1945; \$2,000 in 1947-1948, \$1,000 in 1949-1950, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$22,250.00.

#### **SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES**

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$5,017.31.

#### **CLASS OF 1913 SCHOLARSHIP FUND**

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value, \$3,000.00.

#### **THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND**

Founded Fifth Month 31, 1939, by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition, of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value, \$22,775.34.

## THE CLASS OF 1917 SCHOLARSHIP FUND

Founded Seventh Month 13, 1942, by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. This was increased to \$200.00 per annum in 1947-1948. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00 (increased to \$200 in 1947-48), (increased to \$300 in 1949-50), or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 was already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years was added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Further contributions of \$500 were made in 1944-1945; \$425 in 1945-1946; \$810 in 1946-1947; and \$985 in 1947-1948; \$250 in 1948-1949; \$450 in 1949-1950; \$670 in 1950-51; and \$705 in 1951-52 and \$405 in 1952-53. Present book value, \$8,236.08.

### DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943, by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass., who died in 1944. This was increased Fifth Month 24, 1945 by a bequest of \$2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, \$5,000.00

### SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Founded Eleventh Month 1, 1943 by bequest of \$75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value \$75,534.58.

### ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Established Second Month 2, 1944 by gift of \$200 from Mrs. Elihu Grant to supplement the simultaneous transfer of \$803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and \$75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of \$1,000 in 1943-44 and \$2,000 in 1944-45. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45. Mrs. Grant made a further gift of \$1,000 in 1945-46. In 1949-1950 in connection with the Campaign, the Grant Foundation made a further gift to the College of \$25,000, to be added to this fund. Present book value, \$40,078.73.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College." If conditions change, the Managers are given power to change the use of the fund. In making the additional grant in 1949-50, the Foundation stated that "the income from this present gift may be allocated as scholarship or fellowship awards by the proper authorities of the College to under graduate or graduate students without restriction as to courses of studies." Present book value, \$40,078.73.

#### **CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP FUND**

Founded Sixth Month 13, 1946 by a gift of \$8,000 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

On Third Month 18, 1949 a bequest of \$9,050 was received from the executors of Mrs. Madeleine Seabury Febiger, who died September 27, 1947, and was added to this fund.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College. Present book value, \$17,050.

#### **JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP FUND**

Founded 2nd Month 10, 1947 by gift of \$5,000.00 from Mrs. Mary E. B. Markley of Ann Arbor, Michigan, widow of Joseph L. Markley, A.B. '85, M.A. '86, who was Professor of Mathematics at University of Michigan. The gift was made "to be held as an endowment fund in memory of Joseph L. Markley of the Class of 1885. The income of which is to be granted each year, in the discretion of the faculty, as a scholarship to some student on the basis of character, scholarship and financial need."

#### **JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP FUND**

Founded 2nd Month 24, 1947 by initial gift of \$10,000 from Dr. Joseph C. Birdsall of Haverford, "for the establishment of a new fund to be known as "Joseph C. and Anne N. Birdsall Scholarship Fund, the income only to be granted each year, in the discretion of the faculty of Haverford College, as scholarship aid to some student or students of Haverford College who are preparing for medicine,—the selection to be upon the basis of character, scholarship and financial need." Further gifts 1947-48, \$5,000; 1948-49, \$5,000-1949-50, \$5,000. Present book value, \$25,000.

#### **DANIEL E. DAVIS, JR., MEMORIAL SCHOLARSHIP FUND**

Founded by gifts made First Month 20 and Second Month 17, 1948, totalling \$3,000, by Mr. and Mrs. Daniel E. Davis, of Sewickley, Pa., to establish the Daniel E. Davis, Jr., Memorial Scholarship Fund, in memory of their son, ex Class of 1944, who was killed in aerial warfare in the Pacific.

The income from the fund is to be granted each year, in the discretion of the Faculty, as a scholarship to some student on the basis of character, scholarship and financial need.

### **JONATHAN M. STEERE SCHOLARSHIP FUND**

Founded Twelfth Month 28, 1948 by gift of \$2,300 from Jonathan M. Steere, Class of 1890. Classified among the Scholarship Funds and included in Consolidated Investment Account.

The donor's provisions governing the use of the fund are as follows: "With this stock, or its proceeds, I wish to establish a fund for a scholarship primarily for a graduate of Moses Brown School, Providence, R. I., now under the care of New England Yearly Meeting of Friends. Should the scholarship not be awarded in any one year to a graduate of Moses Brown School, it may be awarded to someone else, preferably from New England, in the discretion of the College. If advisable, it may be given to more than one boy in any year. My preference is that it be awarded to a member of the Society of Friends, but I do not so restrict it. Should the time come when, for any reason, scholarships may not be needed or desirable, having full confidence in the Management of the College, I wish that both the principal and the income be used as the College in its sole discretion shall determine.

"I suggest that at the College it be known as the 'Moses Brown School Scholarship', and at the School as the 'Haverford Scholarship.'" A further gift of \$4,985.00 was made in 1949-50 and \$2,715 in 1950-51 (through 1949 campaign). Present book value, \$10,000.

### **WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP FUND**

Founded Tenth Month 1949 by gift of \$15,000 from Miss Mary Graham Tyler in memory of her father, William Graham Tyler, Class of 1858. Formerly of Philadelphia, William Graham Tyler took an active part in civic improvement in New Jersey and in Iowa, and was concerned with the advancement of Friends Education at both William Penn College and Haverford College.

The income from the fund is to be granted each year, in the discretion of the College, as scholarship aid to some student or students on the basis of character, scholarship, and financial need. Preference is to be given to students from Oskaloosa, Iowa, or William Penn College in that state.

### **1890 MEMORIAL SCHOLARSHIP FUND**

Founded in March 1950 by a gift of \$2500 from Andrew L. Lewis of Worcester, Pennsylvania, in memory of his father, John F. T. Lewis, of Class of 1890, "and in recognition of his father's friendship with the members of his class."

The income from this fund is to be awarded as a scholarship by the College to a deserving student. Since in the beginning the income from this fund will not be large enough to furnish an entire scholarship, it may be used in conjunction with some other scholarship to insure aid of material size, increased by \$100 in 1951-52 and \$100 in 1952-53. Present book value, \$2,700.

### **1949 CAMPAIGN SCHOLARSHIP FUND**

Founded Sept. 1, 1950 by a transfer of \$38,610.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds available for scholarships, in order to maintain the quality and increase the diversity of the student body and to carry on the tradition that personal merit rather than ability to pay is the primary entrance qualification.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$42,905.11.

## MAX LEUCHTER SCHOLARSHIP FUND

The plan for this fund was evolved during the life of Max Leuchter, who died in 1949, and carried out upon his death by his wife Cecila P. Leuchter and his sons, Ben Z. Leuchter and Joel C. Leuchter. Self educated after completion of grade school, becoming editor and publisher of the Vineland Times Journal, Max Leuchter wished to benefit the College to which he sent his son, and which he had come to greatly admire.

The purpose of the donors in making this gift in 1950 of \$10,000.00 was to "create a scholarship which shall be given yearly to a student whose need can be demonstrated, whose academic performance meets the College requirements, and who, in addition, gives promise of making an outstanding contribution to the life of the College through his breadth of interest, his love of hard play and of hard work."

The scholarship shall be in the amount of \$300.00 in the beginning. It may be given to a new student each year or to one student through each of his four years. All income received above \$300.00 shall be capitalized each year.

"When the income from the fund has reached proportions such that an additional scholarship of \$300.00 can be awarded, and that at the same time at least \$300.00 can be returned to the fund, the additional award shall then be made."

"It is the further wish of the donors that, while their interests are primarily as stated above, should the Board of Managers of the College be faced with circumstances which cannot be foreseen now, the Board may, at its discretion, use the income from the fund for College purposes other than the scholarship purposes." The present book value is \$10,975.25.

## A. CLEMENT WILD SCHOLARSHIP FUND

Founded in 1951 by a first gift of \$4,087.50 of Gertrude T. Wild in memory of her husband, A. Clement Wild, of the class of 1899. The income from the fund is to be used for a scholarship or scholarships, to be granted without restrictions in the discretion of the College.

In making the gift the donor, though reiterating the freedom from restrictions, expressed the feeling that as A. Clement Wild was born in England, becoming a naturalized American Citizen, a grant to an English Exchange Student or someone in a similar category would be appropriate. Increased by \$4,625.00 in 1951-52 and \$4,300.00 in 1952-53. The present book value is \$13,012.50.

## CAROLINE CHASE SCHOLARSHIP FUND

Founded December 10, 1951 by payment on a bequest of part of the residue of the estate of Caroline Chase, daughter of Thomas Chase, one time president of the College, of Providence, Rhode Island, whose Will provided:

"This gift is made as an expression of my father's enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature.

"It is my intention that the said share given to said Haverford College shall be used for any of the educational purposes of said College according to the discretion of the President of the time being."

Present book value of the fund is \$6,245.11.

## ROY THURLBY GRIFFITH MEMORIAL FUND

Founded in 1953 by a legacy of \$5,000.00 from Grace H. Griffith, who died April 14, 1952, in memory of Roy Thurlby Griffith, class 1919. "The income therefrom to be used for a scholarship or scholarships for such individual or individuals as in the judgment of the Trustees of said College shall be deserving of the same. The Trustees of said College shall have full power and discretion to determine the number of scholarships, the amount of such scholarships, and the recipients of the same, but it is my desire that wherever possible preference shall be given to boys who have no father and who are in need of financial assistance." Present book value \$5,000.

## FUNDS FOR THE LIBRARY

### ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

### MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$68,014.72. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

### WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library. Present book value, \$5,000.00.

### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

### ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$173,078.14. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the pres-

ent Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

#### **F. B. GUMMERE LIBRARY FUND**

Founded in 1920 by gift of \$635.41, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$635.47.

#### **EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND**

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$1,002.34.

#### **CLASS OF 1888 LIBRARY FUND**

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. Additional donations were made as follows: \$500 in 1939-40; \$100 in 1943-44; \$500 in 1944-45 and \$200 in 1945-46. Present book value, \$6,550.00.

#### **CLASS OF 1918 LIBRARY FUND**

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,253.52.

## QUAKERIANA FUND

Founded 1st Month 8, 1947, by gift of \$600 from President Emeritus William Wistar Comfort '94, as explained in letter from him as follows: "In 1940 some Alumni gave me a sum of money to buy books for myself. This I have done, and now there remains \$600 which I wish to make over to the Corporation, the interest of which may provide books or manuscripts for the Quaker collections. As a compliment to the donors of the fund, I should like the enclosed bookplate to be inserted in such future purchases."

## MOHONK FUND FOR THE RUFUS JONES COLLECTION OF MYSTICISM

Founded Third Month 21, 1949 by gifts totaling \$1,500 from members of the Albert K. Smiley family of Mohonk Lake, N. Y.

The gift was made "to make possible additions to the Rufus Jones Collection on Mysticism in the College Library," with the further provision that "it may be used at the discretion of Haverford College, if the purpose for which it is intended should no longer be applicable or desirable."

The fund is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$1,500.

## RUFUS M. JONES BOOK FUND

Founded Seventh Month 11, 1949 from bequest of \$5,000 through a deed of Trust established by Rufus M. Jones during his life, "the income only to be used—for the purchase of books on Mysticism, to be added to the Collection of books on that subject," which he turned over to the College a few years before his death.

The fund is designated as the Rufus M. Jones Book Fund, is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$5,000.

## 1949 CAMPAIGN LIBRARY FUND

Founded Sept. 1, 1950 by a transfer of \$22,100. from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds with which to buy books, and thus maintain the excellence of the Library.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this Fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$34,426.89.



## FUNDS FOR PENSIONS

### PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund. Present book value, \$3,272.24.

### HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$112,040.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

## FUNDS FOR SPECIAL PURPOSES

### THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,248.00. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

### ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace. Present book value, \$1,126.75.

### JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value, \$2,247.87.

### SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment." Present book value, \$9,227.07.

### SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,296.88. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

### ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,727.00. The income only to be used as a prize for the best essays on Peace written by students of the College.

### **S. P. LIPPINCOTT HISTORY PRIZE FUND**

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$2,546.88.

### **FRANCIS STOKES FUND**

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income. Present book value, \$5,120.30.

### **GEORGE PEIRCE PRIZE FUND**

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400 from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value, \$3,071.60. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund. Present book value, \$3,202.96.

### **LYMAN BEECHER HALL PRIZE FUND**

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,155.00.

### **NEWTON PRIZE FUND**

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$1,397.75.

### **EDWARD B. CONKLIN ATHLETIC FUND**

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,400.00. The income is to be used without restriction in any branch of athletics.

### **ARBORETUM FUND**

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and

the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Addition in 1951 (through 1949 campaign) of \$4,775 by Edward Wortman. Present book value, \$9,362.75.

#### **WILLIAM ELLIS SCULL PRIZE FUND**

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present book value, \$2,000.00.

#### **PAUL D. I. MAIER FUND**

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$1,000.00.

#### **STRAWBRIDGE OBSERVATORY MAINTENANCE FUND**

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94. Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value, \$3,839.54.

#### **C. WHARTON STORK ART FUND**

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

#### **JACOB AND ENGENIE BUCKY MEMORIAL FOUNDATION**

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God<sup>1</sup>; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.<sup>2</sup>

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In

God We Trust,' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

In 1945-1946, a further gift of \$1,000 from the Trustees was added to the fund. Unused income, if any, has also been capitalized. Present book value, \$4,362.52.

#### MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. A further gift of \$125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination. Present book value, \$1,359.14.

#### WILLIAM T. ELKINTON FUND

Founded Ninth Month 6, 1944, by bequest from William T. Elkinton, of Philadelphia, arising from a Trust set up by him during his lifetime. The principal was \$2,491.50 and income received, \$11.11, a total of \$2,502.61. After the death of a life beneficiary, the Trust provided: "to pay over, assign and transfer one of said equal parts unto the Corporation of Haverford College (a corporation of the State of Pennsylvania); the principal fund thus passing to said Corporation to constitute a part of such endowment as may be established at Haverford College as a fitting memorial of Friends' relief work abroad, which memorial 'should foster the peaceful relations of the United States with foreign countries by acquainting our youth with the principles of European governments and with international problems'; provided however, that if no such Endowment should be established at Haverford College prior to the expiration of one year after the principal of the Fund hereby conveyed becomes distributable under the provisions of this deed, the said one-third part of the fund hereby conveyed shall be devoted by the Corporation of Haverford College for such other purpose as the Trustees acting hereunder, their survivor or successor, shall designate, preferably for the furtherance of education in some form at Haverford College or for providing assistance in the form of scholarships to promote education."

In accordance with a suggestion from President Morley, concurred in by Thomas W. Elkinton representing the Trustees, the Managers voted on Ninth Month 22, 1944, that "the income until otherwise directed, is to be used for traveling and other expenses in the attendance at intercollegiate conferences for discussion of international problems by representatives of the International Relations Club at Haverford." The Trustee further stated "as long as the activities of the Club are closely related to 'acquainting our youth with the principles of European governments and with international problems,' the use of the income by the Club would be satisfactory."

### **TILNEY MEMORIAL FUND**

Founded in First Month, 1945, by gifts totaling \$2,000 by I. Sheldon Tilney, 1903, in memory of his parents, John S. and Georgiana E. Tilney. The income is to be used "to try to influence the student body towards a more religious viewpoint of life." Permission was also granted by the donor that "the income may be used also in connection with a scholarship for students in the field of Philosophy or Biblical Literature."

In 1945-1946 the fund was increased to \$5,000, by gifts of \$1,000 from Georgiana S. Kirkbride and \$2,000 from Robert W. Tilney, sister and brother of I. Sheldon Tilney. In 1948-49 a further gift of \$250 was received from I. Sheldon Tilney. In 1949-50 a further gift of \$1,000 and in 1952-53 \$500 was received from I. Sheldon Tilney. Present book value, \$6,500.

### **CLASS OF 1902 LATIN PRIZE FUND**

Founded Second Month 2, 1945, by gift from Class of 1902 of \$142.90, being proceeds of sale of security formerly purchased and held by the Class to perpetuate a Latin Prize of \$10 annually at Haverford. The Class had donated the income for this prize since 1913. An unused balance of \$39.00 of such donations was transferred to the income account of this fund.

### **CLASS OF 1898 GIFT**

Founded Sixth Month 12, 1948, by contributions totaling \$6,100 from members of the Class of 1898 as a 50th Anniversary Gift of their graduation. The conditions of the gift were "For a period of 25 years the income only produced by the fund is to be used to pay the expenses of lectures at the College by qualified persons on such subjects and at such times as the President of the College, with the advice of the Faculty, may think best, including at the discretion of the President, conferences between the lecturers and the students. After August 31, 1973, the income and/or principal of the fund, may, at the discretion of the Board of Managers, be used for any purpose in connection with the College." Present book value is \$6,315.00.

### **EDMUND J. LEE MEMORIAL AWARD FUND**

Founded Eighth Month 31, 1948, by donations totaling \$906.50 from members of the Class of 1943 on the occasion of their Fifth Reunion. The Class desired "to perpetuate the memory of Edmund Jennings Lee, 2nd, its sole member killed in the past war, and to stimulate in the College that spirit of service for which he was known. In 1948-1949 a further gift of \$100 was received from Miss Mildred W. Lee, sister of Edmund J. Lee.

"The proceeds from the invested fund shall be used to establish an annual award to be known as the Edmund J. Lee Memorial Award to be awarded annually beginning in 1949, to the recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extra-curricular activities, spiritual growth, or college spirit, in individuals or in the College as a whole during the year. The Award is to be used by its recipient in continuing to render such service."

### **THE DAVID R. BOWEN PREMEDICAL FUND**

Established in 1950 by the family and friends of the late Dr. David R. Bowen, who, regretting a definite lack in his own training, believed strongly that men preparing to be physicians should receive a basic liberal education of the kind offered at Haverford College. The income is to be used at the discretion of the President of Haverford College, to purchase books for the use of premedical students, pay for professional magazine subscriptions, for lecturers, or for any other projects closely related to premedical training. A further gift was made in 1952-53 of \$25 by Lewis H. Bowen. Present book value, \$435.00.

### **JONATHAN & RACHEL COPE EVANS FUND**

"Founded in 1952, through gifts to the 1949 Campaign by the children and grandchildren of Jonathan and Rachel Cope Evans. The principal is to be invested and the income used one-half for scholarships and one-half for the purposes of the Rufus M. Jones Fund for Advancement of Teaching. If, however, at the expiration of twenty-five years the Board of Managers deems it advisable to use the income, or if necessary the principal, of the Fund for other purposes, it shall be free to do so." A further gift was made in 1952-53 of \$500. Present book value is \$14,043.62.

### **EDWARD HAWKINS MEMORIAL FUND**

Established in 1953 by a gift to the College from the Class of 1937. The Fund is given in memory of Edward Hawkins, a member of that class.

The income to be used for the purchase of equipment required for intramural athletics. If such becomes impracticable, the income is to be used as directed by the Managers. Present book value is \$1,457.44.

STATED MEETINGS OF THE CORPORATION  
AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held in Tenth Month at such time and place as the Board of Managers may determine.

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The Stated Meetings of the Managers for 1953-54 will be held on the third Sixth-day of First, Third, Fifth, Ninth and Eleventh months.

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LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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FORM OF BEQUEST OF PERSONAL PROPERTY

*I give and bequeath, free and clear of all estate, inheritance on other similar taxes, unto the Corporation of Haverford College, the sum of .....Dollars.*

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FORM OF DEVISE OF REAL ESTATE

*I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estates: (Here describe the real estate.)*



# Haverford College Bulletin



*Directory, 1953 - 1954*

VOLUME LII

NUMBER FOUR

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*April, 1954*

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the

principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$8,300,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students, who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

# 1953

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
<b>Sept.</b>				1	2	3	4	5	<b>Nov.</b>		1	2	3	4	5	6	7
		6	7	8	9	10	11	12			8	9	10	11	12	13	14
		13	14	15	16	17	18	19			15	16	17	18	19	20	21
		20	21	22	23	24	25	26			22	23	24	25	26	27	28
		27	28	29	30						29	30					
<b>Oct.</b>						1	2	3	<b>Dec.</b>				1	2	3	4	5
		4	5	6	7	8	9	10			6	7	8	9	10	11	12
		11	12	13	14	15	16	17			13	14	15	16	17	18	19
		18	19	20	21	22	23	24			20	21	22	23	24	25	26
		25	26	27	28	29	30	31			27	28	29	30	31		

# 1954

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
<b>Jan.</b>							1	2	<b>April</b>						1	2	3
		3	4	5	6	7	8	9			4	5	6	7	8	9	10
		10	11	12	13	14	15	16			11	12	13	14	15	16	17
		17	18	19	20	21	22	23			18	19	20	21	22	23	24
		24	25	26	27	28	29	30			25	26	27	28	29	30	
	31																
<b>Feb.</b>			1	2	3	4	5	6	<b>May</b>								1
		7	8	9	10	11	12	13			2	3	4	5	6	7	8
		14	15	16	17	18	19	20			9	10	11	12	13	14	15
		21	22	23	24	25	26	27			16	17	18	19	20	21	22
		28									23	24	25	26	27	28	29
										30	31						
<b>March</b>			1	2	3	4	5	6	<b>June</b>				1	2	3	4	5
		7	8	9	10	11	12	13			6	7	8	9	10	11	12
		14	15	16	17	18	19	20			13	14	15	16	17	18	19
		21	22	23	24	25	26	27			20	21	22	23	24	25	26
		28	29	30	31						27	28	29	30			

**College days in heavy-face type**

# Calendar

1953-54

Registration of all new students .....	September 21-22
Beginning of College year with Assembly, 9 A.M. ....	September 23
Registration of returning students to be filed by 4 P.M. ....	September 23
First semester classes begin 8 A.M. ....	September 24
Thanksgiving recess (dates inclusive) 1 P.M. ....	November 25-29
Major Registration cards for men in the fourth term must be filed by 4 P.M. ....	December 9
Registration (Spring Term) .....	December 15, 16, 17
Christmas recess begins at 12 noon .....	December 19-January 3
First semester classes end, 4 P.M. ....	January 14
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive). ....	January 13-16
Mid-year examinations (dates inclusive)** .....	January 18-30
Second semester classes begin 8 A.M. ....	February 1
Applications for Fellowships for the following year must be filed by .....	March 1
Spring recess begins at 12 noon .....	March 27-April 4
Major Registration cards for men in the fourth term must be filed by 4 P.M. ....	April 14
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M. ....	May 1
Registration (Fall Term) .....	May 4, 5, 6
Second semester classes end 12 noon .....	May 15
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive) .....	May 17-20
Final examinations (dates inclusive)** .....	May 20-June 2
Commencement .....	June 4

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\*If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. of the fourth day preceding the end of the examination period. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

\*\*Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. of the fourth day preceding the end of the examination period.

HAVERFORD COLLEGE

Student Activities Calendar — 1953 - 1954

September	17	Freshmen arrive
September	24	First day of classes
September	27	Freshman reception
September	27	Freshman Introduction Dance with Bryn Mawr
October	3	Football with Wagner - Away
October	6	Soccer with Princeton - Home
October	9	Cross Country with St. Joseph's-La Salle-Temple - Home
October	10	Football with Juniata - Home
October	13	Campus Day
October	13	Soccer with Lafayette - Home
October	13	Cross Country with Albright - Home
October	17	Bryn Mawr Junior Show
October	17	Football with Ursinus - Away
October	17	Soccer with Temple - Home
October	21	Cross Country with Lafayette - Home
October	24	Football with Hamilton - Away
October	24	Soccer with Muhlenberg - Away
October	27	Cross Country with Gettysburg - Away
October	30	Soccer with Lehigh - Away
October	31	Sophomore Dance
November	3	Cross Country with Lehigh - Away
November	4	Soccer with Ursinus - Home
November	7	Football with Union - Home
November	7	Homecoming
November	7	Soccer with F. & M. - Home
November	6-7	Drama Club at Haverford
November	10	Soccer with Pennsylvania - Away
November	10	Cross Country with Delaware - Away
November	13	Cross Country - MACT&FA - At Muhlenberg
November	14	Football with Susquehanna - Home
November	19	Cross Country with Swarthmore - Home
November	20	Soccer with Swarthmore - Home
November	21	Football with Swarthmore - Away
November	21	Swarthmore Weekend - Varsity Dance
November	25-29	Thanksgiving Vacation
December	4-5	Drama Club at Bryn Mawr
December	5	Basketball with Rutgers - Away
December	9	Basketball with Textile - Away
December	12	Basketball with Susquehanna - Home
December	12	Wrestling with Delaware - Away
December	13	Christmas Music at Bryn Mawr
December	14	Christmas Collection and party at Haverford
December	16	Basketball with Moravian - Home
Dec. 19 - Jan.	3	Christmas Vacation
January	9	Basketball with Drexel - Home
January	9	Wrestling with Lafayette - Home
January	9	Fencing with Lehigh - Away
January	10	Friends of Music Concert
January	13	Basketball with Delaware - Away
January	13	Fencing with Rutgers - Home
January	14	Last day of classes
January	16	Basketball with P.M.C. - Away
February	1	Classes begin
February	6	Basketball with Elizabethtown - Home
February	6	Wrestling with Bucknell - Away
February	6	Fencing with Stevens - Away
February	6	Service Fund Dance
February	10	Basketball with Ursinus - Home
February	13	Basketball with Swarthmore - Away
February	13	Wrestling with Muhlenberg - Away
February	13	Fencing with Lafayette - Away
February	13	Bryn Mawr Freshman Show
February	17	Basketball with Drexel - Away
February	17	Wrestling with Ursinus - Home
February	17	Fencing with Princeton - Away
February	20	Basketball with P.M.C. - Home
February	20	Wrestling with Drexel - Home
February	20	Fencing with Temple - Home
February	20	Orchestra Concert - Bryn Mawr & Haverford at Haverford

Student Activities Calendar — 1953 - 1954 (Continued)

February	24	Basketball with Delaware - Home
February	27	Basketball with Ursinus - Away
February	27	Wrestling with Swarthmore - Home
February	27	Fencing with Johns Hopkins - Home
March	3	Basketball with Swarthmore - Home (Hood Trophy)
March	4-5	Class Night
March	6	Junior Prom
March	5-6	Wrestling - MACWA - At Gettysburg
March	6	Fencing with Pennsylvania - Away
March	13	Fencing - MACFA - At Temple
March	19-20	Drama Club at Bryn Mawr
March	21	Friends of Music Concert
March 27 - Apr. 4		Spring Vacation
April	7	Baseball with Drexel - Away
April	7	Golf with Lehigh - Home
April	9	Tennis with Denison - Home
April	9	Golf with Temple - Home
April	10	Baseball with Moravian - Home
April	10	Concert with Bryn Mawr at Haverford
April	13	Baseball with Ursinus - Away
April	13	Tennis with Moravian - Home
April	13	Golf with Gettysburg - Home
April	15	Golf with Villanova - Home
April	16	Baseball with Drexel - Home
April	17	Tennis with Drexel - Home
April	17	Track with St. Joseph's - Away
April	18	Easter
April	20	Golf with La Salle - Away
April	20	Track with Ursinus - Home
April	21	Baseball with La Salle - Away
April	21	Tennis with La Salle - Home
April	23	Golf with St. Joseph's - Home
April	24	Baseball with St. Joseph's - Away
April	24	Tennis with Gettysburg - Home
April	24	Track - Penn Relays - Away
April	24	Bryn Mawr Junior Prom
April	25	Track - Penn Relays - Away
April	25	Friends of Music Concert
April	26	Tennis with Muhlenberg - Away
April	27	Golf with Pennsylvania - Away
April	27	Track with Lehigh - Home
April	28	Baseball with Temple - Away
April	28	Tennis with Ursinus - Home
April	29	Golf with Moravian - Away
May	1	Senior Prom - Haverford
May	1	Baseball with P.M.C. - Away
May	1	Track with Lafayette - Away
May	4	Baseball with Lehigh - Home
May	4	Track with P.M.C. - Home
May	5	Tennis with Pennsylvania - Away
May	5	Golf with Lafayette - Away
May	7	Golf with West Chester - Home
May	7-8	Drama Club - Haverford
May	8	Spring Day
May	8	Baseball with St. Joseph's - Home
May	8	Tennis with Swarthmore - Home
May	8	Track with Swarthmore - Home
May	11	Baseball with Ursinus - Home
May	11	Tennis with Lafayette - Away
May	11	Track with Gettysburg - At Gettysburg Albright
May	12	Tennis with Temple - Home
May	12	Golf with Drexel - Home
May	14	Golf with Swarthmore - Away
May	14-15	Track - MACT&F - At La Salle
May	15	Baseball with Swarthmore - Away
May	15	Tennis with Lehigh - Away
May	15	Classes End
June	2	Phi Beta Kappa Meeting
June	4	Commencement

THERE WILL BE NO ADDITIONS OR POSTPONEMENTS WITHOUT PRIOR ARRANGEMENTS WITH THE COMMITTEE ON STUDENT AFFAIRS

DIRECTORY  
FACULTY AND STAFF

<u>Name</u>	<u>Residence</u> <u>Haverford, unless</u> <u>otherwise noted</u>	<u>Telephone</u> <u>Midway, unless</u> <u>otherwise noted</u>	<u>Office</u>
(B. M. - Bryn Mawr, H. C. - Haverford College)			
Asensio, Manuel J.	500 Oakley Road	2-4163	Williams House
Ashmead, John, Jr.	531 Panmure Road	2-1648	Whitall 14
Auclair, Georges	8 College Lane	9-2266	Library 38
Barnett, Irving	Plymouth Meeting	CO 6-8764	Whitall 9
Beard, Mabel S.	Infirmery, H. C.	9-9603	Infirmery
Beatty, Ethel E.	Founders Hall, H.C.	2-7199	Dietitian, Founders
Bell, Philip W.	616 Walnut Lane	2-2535	Whitall 10
Benfey, O. Theodor	765 College Avenue	2-1853	Chem. Lab.
Benham, Thomas A.	3 College Lane	2-6044	Sharpless 101
Bernheimer, Richard M.	225 N. Roberts Road, B.M.	BR 5-6693	Bryn Mawr College
Berry, Alice M.	Lincoln Highway, Berwyn	Ber. 0225	Roberts, 2nd fl.
Bowe, Edward S.	111 Folcroft Ave., Folcroft	FA 9-2329	Gymnasium
Bramall, Norman B.	260 Margate Road, Upper Darby	FL 3-3795	Gymnasium
Bramall, Raymond	554 Broadview Road Beverly Hills, Pa.	FL 2-5581	Gymnasium
Cadbury, Wm. E., Jr.	791 College Avenue	2-0203	Roberts, 1st fl.
Call, Regina C.	654 Woodcrest Ave., Ardmore		Pub. Rel., Founders
Campbell, John D.	361 Lancaster Avenue	9-9741	Sharpless 108
Carr, Edytha M.	28L, Wynnewood Park Apts., Wynnewood	9-9521	Roberts, 1st fl.
Caselli, Aldo	6 College Circle	2-5562	Whitall
Comfort, Forrest D.	108 Chestnut Ave., Narberth	MO 4-3717	Roberts, 1st fl.
Comfort, Howard	901 Rock Creek Road, B.M.	BR 5-4578	Sharpless 301
Comfort, William W.	South Walton Road	2-0455	
Cooper, Bennett S.	4 College Lane	2-6724	Founders
Darnell, Doris	Shiloh Road, West Chester, RD #3	Westtown 2155-R	Library staff
deGraaff, Frances	Low Buildings, B.M.	BR 5-0015	Bryn Mawr College
Delaney, Elizabeth	22 Briar Road, Strafford	Wayne 3329	Library staff
Docherty, Patricia	773 College Avenue	9-2092	Bookstore, Union
Docherty, William, Jr.	773 College Avenue	9-2092	Gymnasium
Drake, Thomas E.	650 Clyde Road, B.M.	BR 5-1534	Library, Treas. Rm.
Dunn, Emmett R.	748 Rugby Road, B.M.	BR 5-2753	Sharpless 209
Flight, John W.	791 College Avenue	9-1668	Sharpless 303
Foss, Martin	1a College Lane	2-1599	Library 49
Friedrich, Gerhard G.	2 College Lane	2-7414	Library 50
Gernat, Jean	538 Ashland Avenue, Folcroft	FA 9-6673	Gymnasium Office
Goldberger, Else	Crum Creek Farm, Newtown Square	N.S. 0117-R	Library staff
Gordon, Milton M.	612 Montgomery Ave., B.M.	BR 5-9983	Library 46
Gordon, R. Henri	38 Dorset Road, Devon	Wayne 2970	Gymnasium
Graham, Robert E.	c/o Ashmead, 531 Panmure Rd.	2-1648	Library 45
Green, Louis C.	791 College Avenue	9-0265	Observatory
**Gutwirth, Marcel M.	8 College Lane		
Haddleton, Alfred W.	20 Tenmore Road, B.M.	BR 5-1235	Gymnasium
Harter, Gerald S.	2511 Grand Avenue, Holmes, Pa.	WA 8-1394	Gymnasium
**Haviland, H. Field, Jr.	629 Haydock Lane (after 12/1/53)	2-9823	
Haworth, Lester C.	2 College Lane	2-6697	Founders
Headley, Lunetta	Crest Way, Gulph Mills, Bridgeport, RD #1	Conshohocken 6-0469-J3	Library staff
*Herndon, John G.	1 College Lane	2-0364	Hilles, 2nd fl.



<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Midway, unless otherwise noted	<u>Office</u>
(B. M. - Bryn Mawr, H. C. - Haverford College)			
Hetzel, Theodore B.	768 College Avenue	2-4393	Hilles, 2nd fl.
Hewitt, Anna B.	245 S. 38th St., Phila. 4	EV 6-4946	Library, Treas. Rm.
Holmes, Clayton W.	2 College Circle	9-9651	Hilles, 1st fl.
Holmes, Mildred	2153 Mary Lane, Broomall	N.S. 1058-R	Pub. Rel., Founders
Hornick, Henry	143 S. 60th St., Phila. 39	AL 4-4269	Library 39
Hunter, Holland	Woodside Cottage, H.C.	9-2780	Library 42
Hyslop, Constance	516 Panmure Road		Library staff
Jackson, Elmore	247 E. 48th St., N.Y.C.	Plaza 5-3269	
Jackson, Lillian S.	208 Edgemore Ave., Secane	MA 3-1763	Observatory
James, Robert C.	Featherbed Lane	9-9736	Founders 105
Johnson, Paul B.	c/o Lloyd, Coopertown Road	2-2733	Hilles, 2nd fl.
Jones, Thomas O.	36 Railroad Avenue	2-6908	Chem. Lab.
Jordan, Katherine V.	Beechwood Apts., Narberth	MO 4-8599	Whitall, Bus. Off.
Jowers, Avril P.	730 Panmure Road	BR 5-2927	Switchboard
Kaplan, Morton A.	1418 Conlyn St., Phila. 41	LI 9-7142	Library 48
Kelly, John A.	3 College Lane	2-4160	Whitall 11
Kipping, Margery	519 S. Narberth Ave., Merion	WE 4-4857	Founders, Alumni Off.
Krasauskas, Marija K.	3236 Berks St., Phila. 21	ST 7-8043	Library staff
Lander, Dr. Wm. W.	105 Charles Drive, B.M.	BR 5-1033	Infirmary
*Lester, John A., Jr.	500 Panmure Road		
Levenbook, Leo	5829 Reach St., Phila. 20	FI 2-8214	Sharpless 201
Lewis, Margaret N.	619 Walnut Lane	9-1085	Observatory
Lockwood, Dean P.	2 College Circle	9-9330	Library
Loewy, Ariel G.	913 S. 48th St., Phila. 43	SA 7-4556	Sharpless 201
Lunt, William E.	5 College Lane	9-2315	
MacCaffrey, Wallace T.	500 Panmure Road	9-9875	Library 40
MacIntosh, Archibald	3 College Circle	2-0961	Roberts, 2nd fl.
Mayer, David P.	c/o Sims, 768 Millbrook Lane		Chem. Lab.
Medved, David B.	Lindley Court Apts., Phila.	GL 5-8043	Observatory
Meldrum, William B.	747 College Avenue	2-0881	Chem. Lab.
Miller, Margaret A.	240 E. Montgomery Ave., Ardmore	2-1889	Roberts, 2nd fl.
Mills, James	6712 Souder St., Phila. 24	JE 3-8030	Gymnasium
Morsch, Richard O.	217 Wickford Road, Chatham Park, Havertown	HI 6-8785	Gymnasium
Mulder, Marjorie M.	730 Panmure Road	BR 5-2927	Observatory
Oakley, Cletus	Featherbed Lane	9-9895	Founders 103
Ogden, Maris M.	6E Wynnewood Park Apts., Wynnewood	2-2415	Roberts, 1st fl.
Palmer, Frederic, Jr.	1 College Lane	2-6878	
Parker, Francis H.	Featherbed Lane	2-2498	Library 43
Pepinsky, Abraham	7 College Lane	2-5324	Sharpless 307
Pfund, Harry W.	624 Overhill Road, Ardmore	2-5532	Whitall 8
Pickett, Clarence E.	510 Panmure Road	2-6872	
Post, L. Arnold	9 College Lane	9-2932	Library 51
Prizer, William	23 Railroad Avenue	2-4599	Gymnasium
Prudente, Ernest	822 Wynnewood Road, Ardmore	2-2577	Gymnasium
Quinn, Frank J.	c/o Cooper, 4 College Lane	2-6724	Founders 304
Ralph, Esther	47 S. Merion Avenue, B.M.	BR 5-4920	Library staff
Randall, Roy E.	Coach House, H.C.	9-9845	Gymnasium
Rantz, J. Otto	2122 Chestnut Avenue, Ardmore		
Reese, Ruth H.	205 Marlboro Road, Ardmore	2-8788	Library staff
Reese, William H.	5 College Circle	9-0913	Union, Music Room
Reid, Ira De A.	2 College Lane	2-7764	Whitall 12
*Reitzel, William A.	Bettws-Y-Coed, Yarrow St., B.M.	BR 5-9825	Library 45
Ricci, Rose	131 Poplar Avenue, Wayne	Wayne 2642	Whitall, Bus. Off.
Rittenhouse, Leon H.	6 College Lane	2-5522	

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Midway, unless otherwise noted	<u>Office</u>
(B. M. - Bryn Mawr, H. C. Haverford College)			
Roche, John P.	773 College Avenue	9-0372	Chase 7
Rossi, Ruth	7222-D Alderbrook Road, Upper Darby	MA 6-1289	Whitall, Bus. Off.
Ruffino, John J., Jr.	636 Kenilworth Road, Ardmore	2-3842	Gymnasium
Sargent, Ralph M.	4 College Circle	2-3339	Whitall 7
Schwab, William B.	1B, 50 Hannum Drive, Ardmore	2-1027	
Shaw, Doris	c/o Kift, 760 College Avenue	2-5708	Whitall 6
Snyder, Edward D.	36 Railroad Avenue	2-0712	Chase 3
Somers, Herman M.	521 Panmure Road	9-1382	Founders 108
Steer, Alfred G., Jr.	230 Lynbrooke Road, Springfield	SW 6-0573	Library 44
Steere, Douglas V.	739 College Avenue	2-0162	Library 41
Stefan, Marie	10M, Wynnewood Park Apts., Wynnewood	9-0467	Whitall, Bus. Off.
Sutton, Richard M.	785 College Ave. facing Walton Road	9-1198	Sharpless 104
Swan, Alfred	519 Walnut Lane, Swarthmore	SW 6-6142	Union, Music Room
**Teaf, Howard M., Jr.	3 College Lane		
Tinbergen, Jan	3 College Lane	9-9444	Founders 303
Tucker, Albert W.	70 College Road, Princeton, N.J.		Founders 103
Watson, Frank D.	36 Railroad Avenue	9-1035	
White, Gilbert F.	1 College Circle	2-4642	Roberts, 2nd fl.
Wilson, Albert H.	765 College Avenue	2-1853	Founders 105
Wilson, Norman M.	23 Wellington Road, Ardmore	2-4036	Hilles Lab.
Wishmeyer, William H.	1 College Lane	9-2727	Founders 306
Wonson, Gertrude M.	North House, New Gulph Rd., B. M.		Roberts, 2nd fl.
Woodroffe, Kenneth S.	c/o Tenney, 833 Buck Lane		Founders 305
Wylie, Laurence W.	753 College Avenue	2-4148	Library 39
Young, Barbara G.	77 Hillcrest Ave., Havertown	HI 6-4309	Whitall, Bus. Off.

\* Indicates absence during first semester.

\*\* Indicates absence during whole academic year.

## COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by dialing  
Midway 9-9600 unless otherwise noted

- Admissions Office (Roberts Hall):  
 Archibald MacIntosh, Director of Admissions  
 Gertrude M. Wonson, Assistant to the Director of Admissions
- Alumni Office (Founders Hall): Bennett S. Cooper, Alumni Secretary and  
 Assistant to the President
- Barclay Hall, 1st Floor . . . . (Rooms 101 - 122) . . . . (Pay Station) Midway 2-9459  
 Barclay Hall, 2nd Floor . . . . (Rooms 201 - 222) . . . . (Pay Station) Midway 2-9508  
 Barclay Hall, 3rd Floor . . . . (Rooms 301 - 322) . . . . (Pay Station) Midway 2-9506  
 Barclay Hall, 4th Floor . . . . (Rooms 409 - 414) . . . . (Pay Station) Midway 9-9747
- Biology Laboratory (Sharpless Hall): E. Dunn, L. Levenbook, A. Loewy
- Bookstore (Union Hall): Pat Docherty, Manager
- Buildings Maintenance (Whitall Hall): Ellis W. Roberts, Foreman - William Anderson,  
 Garland Banks, Philip Daly, Alf Jansen, Arthur  
 Kulp, Starling McCoury, Charles Roberts, Joseph  
 Sinclair, Gerald Spencer, Edward Walsh
- Business Office (Whitall Hall): Aldo Caselli, Comptroller and Business Manager  
 Marie Stefan, Accountant - Katherine Jordan, Avril  
 Jowers, Rose Ricci, Ruth Rossi, Barbara Young
- Chase Hall: J. Roche, E. Snyder
- Chemistry Laboratory: O. Benfey, T. Jones, W. Meldrum
- Dean's Office (Roberts Hall): William E. Cadbury, Jr., Dean  
 Maris M. Ogden, Secretary to the Dean
- Dietitian (Founders Hall): Ethel E. Beatty
- Dining Room: Gasper Lopez
- Engineering Laboratory (Hilles)
- Faculty Secretarial Office (Whitall 6): Doris Shaw
- Founders Hall, East . . . . . (Pay Station) Midway 2-9460  
 Founders Hall, Dormitory . . . . . (Pay Station) Midway 2-9533
- Founders Hall, Offices: R. James, C. Oakley, F. Quinn, H. Somers, J. Tinbergen,  
 A. Tucker, A. Wilson, W. Wishmeyer, K. Woodrooffe
- French House, 8 College Lane: Georges Auclair, Director (Pay Station) Midway 2-9613
- Grounds Maintenance (Whitall Hall): Walter Volkert, Foreman - Pat Carlin, George  
 Cathcart, Thomas J. Cavanaugh, Louis Coursey,  
 Ben Harper, Thomas L. Henzy, Perry McDaniel,  
 Walter Muraski, Nathaniel Webb, Emmett A. West
- Gymnasium Offices: W. Docherty, Jr., A. Haddleton, R. Randall, J. Gernat, Secretary
- Haverford Union . . . . . (Pay Station) Midway 2-9428
- Hilles Laboratory of Applied Science (Engineering): J. Herndon\*, T. Hetzel,  
 C. Holmes, P. Johnson, N. Wilson
- Housekeeping (Founders Hall): Ruth Mays, Housekeeper - Elizabeth Erskine, U. Grant  
 Birkhead, Randolph Braxton, Charles Davis, John Elliott,  
 Lewis Gaskins, John House, George Johnson, Fred Jordan,  
 Samuel Lake, C. B. Plant, Pasquale Rolli, John Savage,  
 Otha Savage, Walter Ward, Aaron Young
- Infirmary: William W. Lander, M.D.  
 Mabel S. Beard, R.N.
- Kitchen: Lloyd Melton - Catherine Allen, Joseph Banks, (Pay Station) Midway 2-9544  
 Roy Bell, Ned Benton, Raymond Cross, Sarah  
 Franklin, Betty Hamlet, Bertha Harley,  
 William Lanier, John Latney, William Newton,  
 Hammett Puyear, Herbert Robinson, Otis Still,  
 Emanuel Strothers, Percy Williams, Dock Young
- Library: Esther Ralph and Ruth Reese, Assistant Librarians  
 Treasure Room: Thomas Drake, Curator  
 Anna B. Hewitt, Assistant Curator
- Offices: G. Auclair, M. Foss, G. Friedrich, M. Gordon, H. Hornick,  
 H. Hunter, M. Kaplan, W. MacCaffrey, F. Parker, A. Post,  
 W. Reitzel\*, A. Steer, D. Steere, L. Wylie



STUDENTS IN THE COLLEGE

In the next to last column is given the number of the student's dormitory room:

- |                       |                         |
|-----------------------|-------------------------|
| B. for Barclay Center | M. for Merion Hall      |
| F. for Founders Hall  | S.H. for Scull House    |
| F.H. for French House | W.H. for Williams House |
| L. for Lloyd Hall     | Y.H. for Yarnall House  |
| M.A. for Merion Annex |                         |

Name	Home Address	College Address	Private Phone
A			
ADAMS, Charles S. (Page 52)	12 Orchard St., Leominster, Mass.	117 B	_____
ALBRIGHT, Gerald S. (Page 40)	1022 Van Steffy Ave., Wyomissing, Pa.	63 L	<u>2-4958</u>
ALBRIGHT, Jonathan P. (Page 40)	Box 86, Gilbert, Pa.	61 L	_____
ALLEN, Alexander C. (Page 40)	144 Loantaka Way, Madison, N. J.	61 L	_____
ALLEN, Harry R.	3224 W. Penn St., Phila. 29, Pa.	Day	_____
ALLEN, John J. (Page 40)	988 East St., Walpole, Mass.	33 L	<u>9-9832</u>
ALLEN, Paul R., Jr. (Page 52)	242 Merriam St., Weston 93, Mass.	107 B	_____
ALVORD, Robert W. (Page 40)	3512 Lowell St., N.W., Washington 16, D.C.	92 L	_____
AMMANN, William B. (Page 35)	205 W. 17th St., Ocean City, N. J. Local Address: 7607 Gilbert St., Phila., Pa.	Day	_____
AMSTERDAM, Tony G. (Page 52)	5209 Woodbine Ave., Phila. 31, Pa.	Day	_____
ANDERSEN, George L. (STA)	3424 Cottman Ave., Phila. 24, Pa.	22 YH	<u>2-8560</u>
ANDERSON, George M. (Page 46)	39 W. Montgomery Ave., Rockville, Md.	56 L	_____
ANDERSON, John H., Jr. (Page 52)	1904 Wallace St., Phila. 30, Pa.	Day	_____
APMANN, Robert P. (Page 40)	67 Grandview Pl., Upper Montclair, N.J.	71 L	_____
ARMSTRONG, John K. (Page 46)	8117 Park Crest Dr., Silver Spring, Md.	93 L	_____
ARMSTRONG, Peter H. (Page 46)	Army War College, Carlisle Barracks, Pa.	106 B	_____
ARNOLD, Harris C., Jr. (Page 41)	Box 173, RD#5, Lancaster, Pa.	121 MA	<u>2-5859</u>
AVERNA, Vincent S. (Page 46)	505 Holly Rd., Yeadon, Pa.	93 L	_____
AZUMI, Koya (Page 41)	617 Kichijoji, Tokyo, Japan	64 L	_____

Name	Home Address	College Address	Private Phone
B			
BAKER, James E. (Page 46)	5615 S. Woodlawn, Chicago 32, Ill.	218 B	_____
BAKER, James W., Jr. (Page 46)	Colonial Farms, Avondale, Pa.	404-409 B	2-7567
BAKKE, Nancy B. (STA)	1111 Highland Dr., Silver Spring, Md.	28 SH	2-8560
BARKER, Norman J., Jr. (Page 41)	RFD#1, Collinsville, Conn. Local Address: 124 Ardmore Ave., Ardmore, Pa.	Day	_____
BARLOW, A. Ralph, Jr. (Page 46)	1515 Manor Ave., McKeesport, Pa.	217 B	_____
BARR, Mason, Jr. (Page 52)	608 Juniper La., Falls Church, Va.	4 M	_____
BARRETT, John S. (Page 46)	510 Jefferson St., Pottsville, Pa.	215 B	_____
BARTON, Robert A., Jr. (Page 46)	4429 Warren St., N.W., Washington 16, D. C.	92 L	_____
BARWICK, James P. (Page 35)	425 Linden St., Lititz, Pa.	52 L	_____
BARWICK, Peter E. (Page 35)	425 Linden St., Lititz, Pa.	52 L	_____
BEAN, Maurice D. (STA)	335 Tower St., Vaux Hall, N. J. Local Address: 216 Chestnut Ave., Ardmore, Pa.	Day	_____
BEATTY, J. David (Page 35)	2017 N. 7th St., Phila. 22, Pa.	43 L	_____
BEATTY, John C., III (Page 41)	150 Elliott St., Stratford, Conn.	21 F	9-9748
BELASH, David C. (Page 53)	3 W. Cedar St., Boston 8, Mass.	81 L	_____
BELL, Bertrand F., Jr. (Page 35)	268 Montgomery Ave., Haverford, Pa.	Day	_____
BELOTE, Theodore G.	4044 Chestnut St., Phila. 4, Pa.	Day	_____
BENJAMIN, Philip S. (Page 35)	214 Windermere Ave., Wayne, Pa.	102 MA	_____
BENNETT, Lee C., Jr. (Page 41)	224 Haverford Ave., Swarthmore, Pa. Local Address: 501 Oakley Rd., Haverford, Pa.	Day	_____
BERGER, David S.	105 College Ave., Frederick, Md.	211 B	_____
BERNSTEIN, John A. (Page 53)	Everglades Hotel, Miami, Fla.	105 B	_____
BIBBINS, M. Wyllis	25 Blossom Heath, Williamsville, N. Y.	104 MA	_____
BING, Anthony G. (Page 53)	92 College St., Hudson, Ohio	104 B	_____
BIRDSALL, Charles B.	Maple Ave., Atkinson, N. H. Local Address: 742 College Ave., Haverford, Pa.	Day	_____
BISHOP, Samuel A. M. (Page 46)	935 Maltby Rd., Orlando, Fla.	11 F	_____
BITTEL, William H., Jr. (Page 35)	105 Kensington Ave., Trenton 8, N. J.	74 L	2-8959
BLANCHARD, Eric D. (Page 41)	140 Cabrini Blvd., New York, N. Y.	83 L	2-7305

Name	Home Address	College Address	Private Phone
BLEDSON, Theodore R. (Page 41)	1505 Grace Church Rd., Silver Spring, Md.	92 L	_____
BLOCK, Blaine L. (Page 53)	1817 Benson Dr., Dayton 6, Ohio	81 L	_____
BOLGIANO, Duane R. (Page 41)	4411 Norwood Rd., Baltimore 18, Md.	301 B	<u>2-1525</u>
BORTON, Anthony (Page 41)	Hidden Springs, RD#1, Neshanie Station, N. J.	23 L	_____
BOURNE, Richard B. (Page 35)	3460 N. Summit Ave., Milwaukee 11, Wis.	11 L	_____
BRADBEER, James B. (Page 41)	Moylan, Pa.	409-414 B	_____
BRADFIELD, William S., Jr. (Page 41)	1001 Pennsylvania Ave., Havertown, Pa.	41 L	_____
BRAINARD, Charles R. (Page 41)	Box 65, RFD#6, Towson 4, Md.	7A F	_____
BRAKER, James A. (Page 41)	43 Mt. Lebanon Blvd., Pittsburgh 28, Pa.	23 L	_____
BREWER, Talbot M., Jr. (Page 35)	Anna Maria, Fla.	54 L	<u>2-9861</u>
BROEKMAN, Han van Mourik (Page 46)	Windmolenweg 20, Boekelo (Or.) Netherlands	14 M	_____
BROUGHTON, Robert P. (Page 46)	46 Rocklynn Pl., Pittsburgh 28, Pa.	206 B	_____
BROWN, Charles U., Jr. (Page 53)	New Milford, Conn.	318 B	_____
BUZY, Paul C. (Page 53)	5830 Stony Island Ave., Chicago 37, Ill.	319 B	_____
BULL, Robert L.	207 S. Cassidy Rd., Columbus 9, Ohio	54 L	<u>2-9861</u>
BURELBACH, Frederick M., Jr. (Page 41)	21 Hamilton Ave., Cranford, N. J.	213 B	_____
BURTON, John C. (Page 35)	130 East End Ave., New York 28, N. Y.	33 L	<u>9-9832</u>
BURTT, Howard G. (Page 35)	3410 Warden Dr., Phila. 29, Pa.	6 F	_____

C

CALKINS, Kenneth R. (Page 53)	1217 Judson Ave., Evanston, Ill.	81 L	_____
CANFIELD, Earl L., Jr. (Page 53)	Book Hill Rd., Essex, Conn.	305 B	_____
CAPO, Enrique R. (Page 46)	16 America Capó St., Ponce, Puerto Rico	4 F	_____
CARPENTER, Edward K. (Page 35)	7200 N. Barnett La., Milwaukee 11, Wis.	11 L	_____
CASPAR, Stephen P. (Page 43)	742 College Ave., Haverford, Pa.	Day	_____
CATO, John D. (Page 41)	356 W. 116th St., Apt. 4-A, New York 26, N. Y.	112 MA	_____
CAUFFIEL, Joseph J. (Page 41)	406 Coleman Ave., Johnstown, Pa.	409-414 B	<u>2-7567</u>
CHALLENGER, Robert C. (Page 53)	204 Longue Vue Dr., Pittsburgh 28, Pa.	81 L	_____
CHANGTRAKUL, Pramote	839-45 Talatnoi, New Rd., Bangkok, Thailand	205 B	_____

Name	Home Address	College Address	Private Phone
CHARLSON, Murray T. (Page 53)	2915 Knowlson Ave., Pittsburgh 26, Pa.	318 B	_____
CHODOROV, Stephan	34 Lanark Rd., Stamford, Conn.	16 F	_____
CLAVEL, Pierre (Page 53)	9 Rutland Rd., Scarsdale, N. Y.	24 L	_____
CLURMAN, Rodney H. (Page 46)	123 Barrett Rd., Lawrence, L.I., N. Y.	73 L	<u>9-9774</u>
COE, Donald B.	3240 Henry Hudson Pkwy., New York 63, N. Y.	55 L	_____
COHEN, Richard L. (Page 53)	1461 Ocean Pkwy., Brooklyn 30, N. Y.	113 MA	_____
COHILL, Donald F. (Page 47)	1416 Sunnyhill La., Havertown, Pa.	116 B	_____
COMFORT, W. Wistar (Page 35)	901 Rock Creek Rd., Bryn Mawr, Pa.	14 L	_____
CONE, Donald F. (Page 42)	1607 Carlisle Rd., Greensboro, N. C.	71 L	_____
CONLON, William L. (STA)	1640 E. California St., Pasadena, Calif.	24 YH	<u>2-9512</u>
CONTAKOS, Samuel C. (Page 42)	234 Union St., Johnstown, Pa. Local Address: 145 Cheswold La., Haverford, Pa.	Day	_____
COOPER, Thomas A. (Page 53)	Valley View Dr., Huntingdon Valley, Pa.	24 L	_____
COPE, John G. (Page 53)	Trust for U.S. Polad, APO 209, c/o P.M., N.Y., N.Y.	319 B	_____
CORONEOS, Clive R. (Page 53)	c/o Byron Coroneos, Haytian American Sugar Co., S.A. Port-au-Prince, Haiti, West Indies.	105 B	_____
COWEN, Arthur, III (Page 54)	33 E. 70th St., New York, N. Y.	117 B	_____
CRAIG, Paul P. (Page 35)	Old Wyomissing Rd., Wyomissing, Pa.	12 L	<u>9-9832</u>
CRANE, Donald A. (Page 54)	37 School Ave., Chatham, N. J.	107 B	_____
CRAWFORD, James D.	337 Wister Rd., Wynnewood, Pa. Local Address: 5 College Circle, Haverford, Pa.	Day	<u>2-2084</u>
CROASDAILE, Richard E., Jr. (Page 42)	Hills and Dales, Canton, Ohio	61 L	_____
D			
DANNAY, Douglas (Page 42)	29 Byron La., Larchmont, N. Y.	62 L	<u>9-1825</u>
DARLINGTON, William H.	Weadley Rd., RD#1, Bridgeport, Pa.	Day	_____
D'ARRIGO, Philip	408 S. 6th St., Vineland, N. J.	116 B	_____
deBERRY, Joseph G. T. (Page 35)	Sonora, Texas Local Address: 414 Berkeley Rd., Haverford, Pa.	Day	_____
DENSFORD, Robert W. (Page 54)	5710 Oxon Hill Rd., Washington 21, D. C.	107 B	_____
DENT, Benjamin A. (Page 54)	Dillard University, New Orleans 22, La.	315 B	_____



Name	Home Address	College Address	Private Phone
DICK, John H. (Page 47)	37 Eleventh Ave., Haddon Heights, N. J.	106 B	_____
DIXON, John E. (Page 42)	Belle Mead, N. J.	8 M	_____
DONHAM, Michael B. (Page 54)	Pines La., Chappaqua, N. Y.	32 YH	_____
DORSEY, David, Jr. (Page 47)	5530 W. Thompson St., Phila. 31, Pa.	5 M	_____
DOUGLAS, Walter B. (Page 47)	3427 Oakwood Terrace, N.W., Washington 10, D. C.	218 B	_____
DUNGAN, Jon R. (Page 47)	44 Willow St., Plymouth, Pa.	112 B	<u>2-7865</u>
DUNN, Howard M.	South St., Litchfield, Conn.	22 L	<u>2-4760</u>

E

EAGLETON, S. John (Page 35)	615 St. Andrews La., Silver Spring, Md.	84 L	_____
ELDRIDGE, Roswell (Page 42)	Rensselaerville, Albany Co., N. Y.	202 B	_____
EUSTER, Roger	4105 Brandywine St., N.W., Washington, D. C. Local Address: 1026 Lancaster Ave., Bryn Mawr, Pa.	Day	_____
EVANS, Franklin (Page 47)	635 Manatawna Ave., Phila. 28, Pa.	115 B	_____

F

FAIRFIELD, Edward S. (Page 54)	22 S. Illinois Ave., Apt. 3A, Atlantic City, N. J.	24 L	_____
FAIRWEATHER, W. Bruce, Jr. (Page 54)	4041 Markland St., Phila. 24, Pa.	219 B	_____
FARRELL, Austin J. (Page 36)	151 Harvard Ave., Rockville Centre, N. Y.	22 L	_____
FARRELL, Henry M. (Page 54)	151 Harvard Ave., Rockville Centre, N. Y.	204 B	_____
FEESER, Robert P. (Page 36)	Box 150, Schuylkill Haven, Pa.	83 L	<u>2-7305</u>
FELSTINER, James P. (Page 36)	330 Oxford Rd., New Rochelle, N. Y.	103 MA	_____
FERGUSON, Lawrence C., Jr. (Page 54)	1 Fred Mason Rd., Cheshire, Mass.	24 L	_____
FETTUS, George H. (Page 47)	116 N. Sumner Ave., Margate City, N. J.	409- 414 B	<u>2-7567</u>
FINE, Robert W. (Page 54)	507 Washington St., Holliston, Mass.	318 B	_____
FINKLESTEIN, Larry J. (Page 36)	2308 74th Ave., Phila., Pa.	19 F	_____
FITZPATRICK, I. Perry (Page 54)	208 Fernwood Ave., Upper Montclair, N. J.	32 L	_____
FLINT, John B.	771 Fairacres Ave., Westfield, N. J.	41 L	_____
FORMAN, Marc A.	2201 S. 22nd St., Phila. 45, Pa.	Day	_____
FORMAN, Phillip M. (Page 54)	646 Kelton Ave., Columbus 5, Ohio	4 M	_____

Name	Home Address	College Address	Private Phone
FORMAN, Richard T. (Page 54)	Lombardy Orchard, Easton, Md.	317 B	_____
FOSTER, Roger S., Jr. (Page 54)	3420 34th St., N.W., Washington 8, D. C.	317 B	_____
FOULKES, David S.	111 Forest Ave., Ambler, Pa.	WH	_____
FRANCIS, James B., Jr. (Page 54)	Broughton Lane, Villanova, Pa.	220 B	_____
FRANKE, Otto L. (Page 42)	2905 Guilford Ave., Baltimore 18, Md.	71 L	_____
FREEDMAN, Irwin S. (Page 42)	5646 Beaumont St., Phila. 43, Pa.	Day	_____
FREEDMAN, Mark B. (Page 47)	423 E. Allens Lane, Phila. 19, Pa.	311 B	_____
FREEMAN, Harvey A.	24 South St., Middlebury, Vt.	84 L	_____
FREY, Alexander H., Jr. (Page 42)	Radnor, Pa.	Day	_____
FRIEDMAN, Harold M. (Page 47)	24 S. Merion Ave., Bryn Mawr, Pa.	206 B	_____
FRINK, Orrin (Page 36)	706 Sunset Rd., State College, Pa.	15 M	_____
FRY, Charles L. (Page 36)	37 Beckwith Terrace, Rochester 10, N. Y.	106 MA	_____
FULLER, David S.	109 West Ave., E. Rochester, N. Y. Local Address: c/o Bennett Cooper, 4 College La., Haverford, Pa.	Day	_____
FULLER, Richard S.	109 West Ave., E. Rochester, N. Y.	7 M	_____
FURTH, Montgomery T. (Page 36)	21 Pond Hill Rd., Chappaqua, N. Y.	13 L	<u>9-9787</u>
G			
GAGE, Robert J. (Page 47)	5930 N. 11th St., Phila. 41, Pa.	Day	_____
GAGE, William H. (Page 36)	5930 N. 11th St., Phila. 41, Pa.	Day	_____
GALLAGER, Laurence R. (Page 54)	429 Drury La., Baltimore 29, Md.	320 B	_____
GALLANT, Jonathan A. (Page 55)	309 Packman Ave., Mt. Vernon, N. Y.	34 SH	_____
GARDNER, Peter C. (Page 36)	Box 229, Cumberland Hill, Manville, R. I.	17 M	_____
GARRITY, John F., Jr.	5209 Overbrook Ave., Phila. 31, Pa.	Day	_____
GARVER, Thomas, H. (Page 47)	3501 E. 3rd St., Duluth 4, Minn.	9 M	_____
GIBSON, Seth (Page 55)	49 Payson Terrace, Belmont, Mass.	32 L	_____
GILMOUR, Rodger B. (Page 47)	210 Harvard Ave., Swarthmore, Pa.	309 B	_____
GLATZER, Robert A. (Page 36)	18 W. 70th St., New York 23, N. Y.	FH	_____
GOLDBERG, Robert H. (Page 55)	102 Addington Rd., Brookline 46, Mass.	FH	_____

Name	Home Address	College Address	Private Phone
GOLDFINGER, Alexander M., Jr. (Page 42)	469 Elizabeth Ave., Newark 8, N. J.	62 L	<u>9-1825</u>
GONTRUM, Peter B. (Page 36)	Club Rd., Ruxton, Md.	94 L	<u>9-1046</u>
GOODKIND, Thomas B. (Page 42)	43 Mayhew Ave., Larchmont, N. Y.	74 L	<u>2-8959</u>
GOODMAN, Gerald S. (Page 47)	400 West End Ave., New York, N. Y.	74 L	<u>2-8959</u>
GOODMAN, Jay S. (Page 55)	3310 Egerton Rd., Baltimore 18, Md.	203 B	_____
GOODMAN, Selig	24 Berbro Avenue, Upper Darby, Pa.	Day	_____
GOULD, John H. (Page 47)	14 Prospect St., Winchester, Mass.	309 B	_____
GRAY, George W. (Page 42)	2352 Grant Ave., Cuyahoga Falls, Ohio	72 L	<u>9-9063</u>
GRAY, John H., III (Page 55)	25 Lenox Ave., Bronxville 8, N. Y.	308 B	_____
GREEN, Joseph E., III (Page 47)	274 Wilson St., Carlisle, Pa.	313 B	_____
GREENBERG, Marshall G. (Page 48)	321 Vine St., Millville, N. J.	314 B	_____
GREENE, David G. S. (Page 48)	Box 1046, Alfred, N. Y.	310 B	_____
GREER, Robert B., III (Page 48)	RD #1, Renfrew, Pa.	215 B	_____
GRIMM, David L.	116 Old Lancaster Rd., Berwyn, Pa.	Day	_____
GROFF, Diller B., III (Page 55)	3726 Harrison St., N.W., Washington 15, D. C.	305 B	_____
GROSSBLATT, Norman (Page 48)	57 White Oak Dr., South Orange, N. J.	82 L	<u>9-9032</u>
GRUBER, John B. (Page 55)	Parkview Apts. #4, Hershey, Pa.	119 B	_____
H			
HABERLAND, Paul M. (Page 55)	2386 N. Terrace Ave., Milwaukee 11, Wis.	32 YH	_____
HALL, Winfield S. (Page 48)	3136 Wisconsin Ave., Berwyn, Ill.	31 L	_____
HALSTEAD, Lauro S. (Page 55)	233 Fisher Ave., White Plains, N. Y.	306 B	_____
HAMBURGER, Henry I. (Page 42)	101 Brightside Ave., Pikesville 8, Md.	82 L	<u>9-9032</u>
HAMESTER, Hans L. (Page 55)	34 E. Benedict Ave., Havertown, Pa.	Day	_____
HAMILTON, Kenneth G.	79 Highland Ave., Short Hills, N. J.	92 L	_____
HANKAMER, Peter R. (Page 36)	318 Walnut Ave., Greensburg, Pa.	14 F	_____
HANSEN, Christian M. (Page 36)	1831 McGalliard Ave., Trenton 11, N. J. Local Address: 5 College Circle, Haverford, Pa.	Day	<u>2-2082</u>
HANSON, John P. (Page 55)	201 Haines St., Newark, Del.	305 B	_____
HARDMAN, Keith J. (Page 36)	5329 Angora Terrace, Phila. 43, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
HARDY, Richard D.	RFD #1, Salisbury, Conn.	Day	_____
	Local Address: 637 Montgomery Ave., Bryn Mawr, Pa.		
HARRIS, Daniel E. (Page 48)	227 S. Main Ave., Scranton 4, Pa.	208 B	_____
HARRIS, Elliott B., Jr. (Page 42)	459 W. 24th St., New York, N. Y.	409-414 B	<u>2-7567</u>
HARRIS, James M.	227 S. Main Ave., Scranton 4, Pa.	Day	_____
	Local Address: 6391 Sherwood Rd., Phila. 31, Pa.		
HARRISON, Earl G., Jr. (Page 36)	Moylan, Rose Valley, Pa.	83 L	<u>2-7305</u>
HART, Benson H. (Page 55)	298 Aurora Rd., Hudson, Ohio	306 B	_____
HARVEY, John S. C., III (Page 36)	532 Avonwood Rd., Haverford, Pa.	105 MA	_____
HARVEY, Thomas B. (Page 55)	816 King of Prussia Rd., Radnor, Pa.	307 B	_____
HAVILAND, Paul R., Jr. (Page 55)	45 Lincoln Ave., Lansdowne, Pa.	Day	_____
HAWKINS, John R. (Page 48)	118 Common St., Walpole, Mass.	108 B	<u>2-6945</u>
HAYNES, William G., Jr. (Page 37)	4204 Princeton Ave., Phila., Pa.	FH	_____
HAZELTON, Pierce C. (Page 42)	475 Churchill Rd., West Englewood, N. J.	71 L	_____
HECHT, Warren B. (Page 55)	60 Pershing Ave., Elizabeth, N. J.	316 B	_____
HEEG, Michael M. (Page 55)	68-10 108th St., Forest Hills, L.I., N. Y.	315 B	_____
HELLER, Martin F. (Page 37)	8 Heller Dr., Upper Montclair, N. J.	WH	_____
HELLWEGE, Conrad F. (Page 37)	3428 Warden Dr., Phila., Pa.	93 L	_____
HELMSTADTER, Thomas H. (Page 56)	131 Duncan Station Rd., McKeesport, Pa.	219 B	_____
HENDERSON, Rolland H. (Page 56)	Paullina, Iowa	303 B	_____
HENSEL, David B. (Page 48)	5566 15th St., N., Arlington 5, Va.	312 B	_____
HERSHEY, John W. B. (Page 48)	14 E. Third Ave., Lititz, Pa.	205 B	_____
HIERS, Thomas S. (Page 37)	130 Cynwyd Rd., Bala-Cynwyd, Pa.	Day	_____
HILL, Norman S. (Page 42)	43 Passaic Ave., Summit, N. J.	116 MA	_____
HIRSS, Andris M. (Page 48)	159 Singleton St., Woonsocket, R. I.	310 B	_____
HITZROT, Henry W., Jr. (Page 48)	S. Compo Rd., Westport, Conn.	108 B	_____
HOAG, Joseph H. S. (Page 48)	251 Harrogate Rd., Penn Wynne, Phila. 31, Pa.	112 B	<u>2-7865</u>
HODGE, Paul M. (Page 56)	Norristown Rd., Maple Glen, Pa.	12 M	_____
HODGES, Samuel J. (Page 56)	716 Riverside Dr., Lynchburg, Va.	33 YH	_____
HOFFMAN, David L.	1443 Sharon Park Dr., Sharon Hill, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
HOGENAUER, David E. (Page 43)	648 King St., Port Chester, N. Y.	7 F	_____
HOLLINGSWORTH, Edward P., Jr. (Page 37)	148 Montgomery Ave., Bala-Cynwyd, Pa.	Day	_____
HOOVER, Henry B., Jr. (Page 56)	Trapelo Rd., South Lincoln, Mass.	316 B	_____
HOPKINS, Johns W. (Page 43)	Darlington, Md.	63 L	<u>2-4958</u>
HOPKINS, P. Donald (Page 56)	11 N. Jackson Ave., Wenonah, N. J.	307 B	<u>9-9832</u>
HOPPER, Robert J. (Page 56)	77 Kensington Park, Arlington 74, Mass.	34 L	_____
HORAN, David E. (Page 56)	46 Country Club Rd., Melrose 76, Mass.	34 SH	_____
HORNER, Joseph L. (Page 48)	250 Conway St., Carlisle, Pa.	205 B	_____
HOWORTH, Harmon P. (Page 37)	638 Oakwood La., Rock Hill, S. C.	53 L	<u>9-9523</u>
HUDSON, Floyd E. (Page 56)	109 Rehoboth Ave., Rehoboth Beach, Del.	307 B	_____
HUMMEL, Jonathan A. (Page 37)	109 W. Broadway, Salem, N. J.	93 L	_____
HUNT, Robert W. (Page 56)	5404 Kimbark Ave., Chicago 15, Ill.	315 B	_____
HURD, Christopher W. (Page 56)	Upland Fields Rd., Lincoln, Mass.	214 B	_____
HUTTON, Robert W. (Page 37)	42 Rosedale Rd., Overbrook Hills, Phila. 31, Pa.	5 F	_____

I

INGLES, J. Duncan (Page 37)	6355 Lancaster Ave., Phila. 31, Pa.	Day	_____
INNES, Bruce J. M. (Page 48)	1345 Crofton Rd., Baltimore 12, Md.	44 L	_____
IRIYE, Akira (Page 56)	332, 3-chome, Narimune, Sugunami-ku, Tokyo, Japan	303 B	_____
IRVINE, R. Allen (Page 48)	617 Williamson Rd., Bryn Mawr, Pa.	206 B	_____
ISAY, Richard A. (Page 48)	1230 Squirrel Hill Ave., Pittsburgh 17, Pa.	215 B	_____

J

JAECKEL, Ralph (Page 43)	740 Wood St., York, Pa.	114 MA	_____
JAMESON, Fredric R. (Page 37)	116 White Horse Pike, Haddon Heights, N. J.	FH	_____
JANITSCHKEK, Hans W. (Page 37) (Spec)	Wien 16, Marschnercasse, Austria	91 L	<u>2-4485</u>
JOHNSON, Kenneth S. (Page 49)	34-47 80th St., Jackson Heights, N. Y.	FH	_____
JOHNSON, L. Morris (Page 37)	1235 W. Main St., Smethport, Pa.	53 L	<u>9-9523</u>
JOHNSON, M. Alanson, II (Page 43)	1425 Market St., Lewisburg, Pa.	33 L	<u>9-9832</u>
JOHNSON, Otis S. (Page 49)	39 Kirkland St., Cambridge 38, Mass.	106 B	_____

Name	Home Address	College Address	Private Phone
JOHNSON, Richard M. (Page 49)	714 2nd St., S., Kirkland, Wash.	311 B	_____
JOHNSON, Stanley B., III (Page 56)	24 Ravine Rd., Wellesley Hills, Mass.	120 B	_____
JONES, Everett L., III (Page 56)	111-1/2 S. Main St., Federalsburg, Md.	307 B	_____
JONES, Richard, I.	139 Ellis Rd., Havertown, Pa.	Day	_____
JOYCE, Thomas J., Jr.	557 E. Gates St., Phila. 28, Pa.	Day	_____
JUDOVICH, Joel I. (Page 49)	2006 Delancey Place, Phila. 3, Pa.	Day	_____

### K

KAHN, Stephen J.	376 Bleecker St., New York 14, N. Y.	Day	_____
KALEN, Norman L. (Page 49)	Apartado 1561, Caracas, Venezuela, S. A.	22 L	<u>2-4760</u>
KALODNER, Howard I. (Page 37)	1520 Spruce St., Phila. 2, Pa.	72 L	<u>9-9063</u>
KANTER, Ira E. (Page 43)	73 Sheffield Rd., Newton, Mass.	17 F	_____
KAYE, William G. (Page 37)	34 Park St., Brookline 46, Mass.	64 L	<u>9-1825</u>
KEELEY, George P. (Page 49)	7110 Louise Rd., Phila. 38, Pa.	Day	_____
KELLY, John H. (Page 37)	1517 30th St., N.W., Washington 7, D. C.	13 L	<u>9-9787</u>
KELSEY, David H. (Page 37)	1005 Baily Rd., Yeadon, Pa.	64 L	_____
KEPNER, Chase D. (Page 43)	Millersville Pike #6, Box 1134, Lancaster, Pa.	42 L	_____
KERN, Donald E. (Page 43)	Washington La., Huntingdon Valley, Pa.	94 L	<u>9-1046</u>
KEYSER, James M. B., Jr. (Page 38)	48 Westview St., Phila. 19, Pa.	FH	_____
KILPATRICK, Robert W. (Page 56)	707 N.W. 20th St., Gainesville, Fla.	114 B	_____
KIDNEY, Walter C., Jr. (Spec)	8 Johnson Court, Phila. 44, Pa.	Day	_____
	Local Address: 833 Buck Lane, Haverford, Pa.		
KINDIG, Stephen J. (Page 4)	243 E. Market St., York, Pa.	21 L	<u>9-9732</u>
KIRBY, Edwin J., Jr. (Page 56)	1711 E. 32nd St., Baltimore 18, Md.	32 YH	_____
KITTREDGE, John A. (Page 38)	3409 "O" St., N.W., Washington 7, D. C.	73 L	<u>9-9774</u>
KLEIN, Arthur (Page 43)	The Cottage, Harcum Jr. College, Bryn Mawr, Pa.	72 L	<u>9-9063</u>
KLEIN, P. Richard (Page 38)	3202 C, Marshall Rd., Drexel Hill, Pa.	22 F	_____
KLINMAN, Jerry J. (Page 49)	302 Calvert Rd., Merion, Pa.	Day	_____
KLOTS, Cornelius E.	215 Young Ave., Pelham, N. Y.	41 L	_____
KNOWLTON, Stephen B., Jr. (Page 49)	126 Sharon Ave., Sharon Hill, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
KOCH, Heinz F. (Page 38)	3026 Cheltenham Ave., Phila. 19, Pa.	51 L	_____
KRAVIS, Gary I.	218 Stoneway La., Merion, Pa.	Day	_____
KREISHER, John H.	561 Topping Hill Rd., Westfield, N. J. Local Address: 33 Glenbrook Rd., Ardmore, Pa.	Day	_____
KUMMER, Theodore G. (Page 49)	Carversville, Pa.	13 M	_____
KURKJIAN, Ernest	1617 Race St., Phila. 3, Pa.	Day	_____
KUSHNER, David A.	29 Bryn Mawr Ave., Bala-Cynwyd, Pa.	64 L	_____

L

LACHMAN, Alan B. (Page 57)	5420 Connecticut Ave., N.W. Washington 15, D. C.	209 B	_____
LADENBURG, Thomas J. (Page 49)	69 Oakland Ave., Tuckahoe, N. Y.	115 B	<u>2-7865</u>
LANE, Charles B. (Page 49)	Kingwood Park, Poughkeepsie, N. Y.	207 B	_____
LANGSAM, Walter E. (Page 49)	300 Carlisle St., Gettysburg, Pa.	31 L	_____
LEISSE, Gerd M. (Page 38) (Spec)	Frankfurt am Main, Frauenlobstrasse 31, Germany	14 M	_____
LENGEL, Lawrence M.	502 Montgomery Ave., Haverford, Pa.	Day	_____
LETCHER, John H., III (Page 57)	Rockdale Addition, Miami, Okla.	31 YH	_____
LINDEMAN, Robert J. (Page 57)	227 E. 3rd St., Waynesboro, Pa.	209 B	_____
LISSFELT, Mark C. (Page 38)	1515 Shady Ave., Pittsburgh 17, Pa.	101 MA	_____
LITTLE, Frank J. (Spec)	14 Locust St., Pittsford, N. Y. Local Address: 637 Montgomery Ave., Bryn Mawr, Pa.	Day	_____
LONG, William H., III (Page 57)	5200 Wesley Ave., Baltimore 7, Md.	305 B	_____
LONGSTAFF, John B.	179 Lincoln Ave., Amherst, Mass.	12 L	<u>9-9832</u>
LONGSTRETH, William M. (Page 43)	917 Merion Square Rd., Gladwyne, Pa.	8 F	_____
LUBIN, Jack	5316 Delancey St., Phila. 43, Pa.	Day	_____

M

MABRY, Nicolas R. (Page 49)	2201 Ridge Ave., Evanston, Ill.	WH	_____
MacDONALD, Donald G.	2418 E. Menlo Blvd., Milwaukee, Wis. Local Address: Fairfield Manor, Devon, Pa.	Day	_____
MacKENZIE, John R. (Page 43)	104 D-1 Charles Dr., Bryn Mawr, Pa.	Day	_____
MacKOWN, Craig (Page 49)	40 Robin Rd., West Hartford 7, Conn.	218 B	_____

Name	Home Address	College Address	Private Phone
MACK, Charles S. (Page 57)	246 W. Upsal St., Phila. 19, Pa.	Day	_____
MAIDEN, Don R., Jr. (Page 43)	8801 Crefeld St., Phila. 18, Pa.	72 L	<u>9-9063</u>
MALANI, Chandru (Page 43)	c/o Beauforts & Co., 35, Churchgate St., Bombay, India	111 MA	_____
MALKO, George (Page 49)	532 Aldine Ave., Chicago 13, Ill.	13 M	_____
MANCHESTER, Charles B. (Page 43)	5365 Wissahickon Ave., Phila. 44, Pa.	Day	_____
MANDELL, Morton S. (Page 43)	475 Warick Rd., Wynnewood, Pa.	82 L	<u>9-9032</u>
MANN, Harold M. (Page 49)	126 E. Riverbank, Beverly, N. J.	207 B	_____
MARBLE, William J.	314 W. Pierce St., Mangum, Okla. Local Address: 237 W. Montgomery Ave., Apt. 2T, Haverford, Pa.	Day	_____
MARCH, Robert M.	West Valley Green Rd., Whitemarsh, Pa.	22 L	<u>2-4760</u>
MAREK, Richard W. (Page 43)	151 Central Park, W., New York, N. Y.	FH	_____
MARQUARDT, John F. (Page 50)	5830 Stony Island Ave., Chicago 37, Ill.	113 B	_____
MARTENIS, Thomas W. (Page 50)	RFD#4, Elkton, Md.	116 B	_____
MASLAND, W. Stafford (Page 44)	42 Summit St., Phila. 18, Pa.	409-414 B	<u>2-7567</u>
MASTERSON, Robert D. (Page 44)	121 Worth Ave., Palm Beach, Fla.	322 B	_____
MATLACK, Louis R. (Page 57)	101 Colonial Ave., Moorestown, N. J.	117 B	_____
MATTHEWS, Norman E. (Page 38)	216 N. Candler St., Decatur, Georgia	53 L	<u>9-9523</u>
MAYER, David P. (Grad)	Apple Creek, Ohio Local Address: 768 Millbrook La., Haverford, Pa.	Day	_____
MAZUREK, Stanley L. (Page 50)	3426 E. Edgemont St., Phila. 34, Pa.	16 M	_____
McCANDLESS, Richard L. (Page 44)	Beechwood Blvd., M.R.#10, Butler, Pa.	33 L	<u>9-9832</u>
McCANN, James R. (Page 44)	c/o H. V. Douglas, State Road, N. C.	20 F	_____
McDONALD, John G. (Page 44)	126 S. Van Buren St., Rockville, Md.	56 L	_____
McDOWELL, Robin S. (Page 50)	895 Riverton Terrace, Stratford, Conn.	313 B	_____
McINTOSH, Michael A. (Page 50)	33 E. 70th St., New York, N. Y.	44 L	<u>9-2933</u>
McLEAN, Arthur M. (Page 50)	36 Sherman Ave., Dobbs Ferry, N. Y.	314 B	<u>2-3952</u>
McMASTERS, James L. (Page 50)	Box 700, Habana, Cuba	WH	_____
MEAD, Donald C. (Page 50)	11 Horseguard Lane, Scarsdale, N. Y.	207 B	_____
MEADS, William C.	RD#2, Red Lion, Pa.	52 L	_____



Name	Home Address	College Address	Private Phone
MEAKER, Douglas W. (Page 57)	166 Sandy Valley Rd., Dedham, Mass.	210 B	_____
MELCHER, William P. (Page 38)	26 Linwold Dr., West Hartford, Conn.	101 B	<u>2-9071</u>
MERRILL, Nathaniel S. (Page 44)	20 Pine St., Exeter, N. H. Local Address: c/o Holland Hunter, Woodside Cottage, Haverford, Pa.	Day	_____
MEZGER, Erik B. (Page 57)	Box 147, Henderson Rd., Bridgeport, Pa.	Day	_____
MICHAEL, John R.	105 Lansdowne Court, Lansdowne, Pa.	Day	_____
MIKHAIL, John H. (Page 50)	Ramallah, Jordan	109 B	_____
MKURIYA, Tod H. (Page 44)	Fallsington, Pa.	211 B	_____
MILLER, Edward W., Jr. (Page 50)	430 E. 65th St., New York 21, N. Y.	8 F	_____
MILLER, Franklin R.	Villanova, Pa.	Day	_____
MILLER, Kenneth L., Jr. (Page 38)	312 Jefferson St., Cape May, N. J.	43 L	_____
MILLER, Louis H. (Page 50)	3817 Menlo Dr., Baltimore 15, Md.	122 MA	<u>2-5859</u>
MINNICH, Edward L., Jr. (Page 50)	106 Mooreland Ave., Carlisle, Pa.	34 SH	_____
MOMSEN, William L. (Page 44)	Cross River, N. Y.	213 B	_____
MONROE, Richard C. (Page 50)	116 Castlewood Rd., Baltimore 10, Md.	217 B	_____
MOORE, Peter L. (Page 44)	RFD #2, Litchfield, Conn.	62 L	<u>9-1825</u>
MORROW, Grant, III (Page 44)	15 Canterbury Rd., Ben Avon Heights, Pittsburgh 2, Pa.	83 L	<u>2-7305</u>
MOSES, Sanford H., Jr. (Page 57)	8 Prospect St., Winchester, Mass.	105 B	_____
MOSS, Urban H. (Page 44)	5006 Blythewood Rd., Baltimore 10, Md.	42 L	_____
MOSS, William W. (Page 57)	704 Powell St., Williamsburg, Va.	107 B	_____
MOTTER, Joan C. (STA)	Greenwich, Conn.	21 SH	<u>2-8560</u>
MULLEN, Wilbur E. (STA)	c/o Brethren Service Commission, 22 S. State St., Elgin, Ill.	23 YH	<u>2-9512</u>
MURRAY, William M. (Page 57)	3501 Green St., Harrisburg, Pa.	119 B	_____
MUSSER, John H. (Page 57)	Box 116, Mount Joy, Pa.	10 M	_____
MUTH, Dawson F. (Page 38)	16 Maple Ave., Shillington, Pa.	109 MA	_____

N

NAUMAN, Daniel W. (Page 57)	549 Virginia Ave., Havertown, Pa.	Day	_____
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Name	Home Address	College Address	Private Phone
NEIMARK, Paul G. (Page 50)	1615 E. Hyde Park Blvd., Chicago, Ill.	110 B	_____
NEUHAUS, Charles F. (Page 44)	P. O. Box 1301, Ojai, Calif.	63 L	<u>2-4958</u>
NEWMEYER, William L., III (Page 57)	2808 Northampton St., N.W., Washington 15, D. C.	317 B	_____
NOBLE, Jay A. (Page 44)	1272 Clove Rd., Staten Island 1, N. Y.	82 L	<u>9-9032</u>
NOYES, Robert W. (Page 57)	23 Fernwood Place, Mountain Lakes, N. J.	216 B	_____
O			
ORTMAN, H. William	6644 Boyer St., Phila. 19, Pa.	Day	_____
OSLER, Frederic B., Jr.	Second St., Waterford, Va.	Day	_____
	Local Address: Beechwood Apts., 1E, Narberth, Pa.		
OSLER, John H., III (Page 44)	717 Belmont Ave., Collingswood 7, N. J.	22 F	_____
P			
PACKARD, William M. (Page 50)	156 E. 79th St., New York 21, N. Y.	73 L	<u>9-9774</u>
PAINE, Lincoln D. (Page 57)	300 Hammond St., Chestnut Hill, Mass.	103 B	_____
PANKEN, Peter M. (Page 58)	915 West End Ave., New York, N. Y.	FH	_____
PARKER, Garth R. (Page 44)	1001 Black Rock Rd., "Sunset View" Gladwyne, Pa.	63 L	<u>2-4958</u>
PATT, Robert F.	8301 Cadwalader Ave., Elkins Park, Pa.	21B F	_____
PEARSON, Bruce F.	Fricks, Pa.	14 M	_____
PENICK, Theodore G. (Page 44)	245 Washington Ave., Chatham, N. J.	409-414 B	<u>2-7567</u>
PEPPER, William, Jr.	20 E. Bells Mill Rd., Phila. 18, Pa.	32 L	_____
PERERA, John B. (Page 50)	9 Hathaway Rd., Scarsdale, N. Y.	32 SH	_____
PERRY, David R. (Page 38)	127 Centre St., Milton, Mass.	113 B	_____
PFALTZ, John L. (Page 51)	10 Windemere Terrace, Short Hills, N. J.	108 B	<u>2-6945</u>
PHELPS, Paulding (Page 45)	11 W. Chestnut Ave., Phila. 18, Pa.	91 L	<u>2-4485</u>
PINE, Edward H. (Page 58)	11-18 Fairhaven Place, Fair Lawn, N. J.	203 B	_____
PLATENIUS, Peter H. (Page 58)	Casilla 247, Santa Cruz, Bolivia	210 B	_____
POLSKY, Richard M. (Page 38)	856 Merriman Rd., Akron, Ohio	55 L	_____
POTTER, David	816 S. 47th St., Phila. 43, Pa.	51 L	<u>9-2731</u>
PRAGER, Lutz A. (Page 38)	3504 Callaway Ave., Baltimore 15, Md.	14 L	_____

Name	Home Address	College Address	Private Phone
PRICE, Robert B., Jr. (Page 58)	5118 Kanawha Ave., Charleston 4, W. Va.	308 B	_____

R

RAPER, Harrison C. (Page 45)	Route 2, Vienna, Va.	17 M	_____
READ, Robert E. (Page 45)	208 Hamilton Rd., Ridgewood, N. J.	21 F	_____
REEVES, Francis B. (Page 45)	Blue Bell, Pa.	122 B	_____
REHMEYER, Richard C.	647 N. Hawthorne St., York, Pa.	214 B	_____
REGAN, Theodore M., Jr. (Page 51)	7001 Andrews Ave., Phila. 38, Pa.	116 B	_____
RENKEN, Fritz G.	c/o L. O. Heath, 1611 Harris Rd., Phila. 18, Pa.	Day	_____
RENO, R. Ronald, Jr. (Page 38)	714 Regester Ave., Baltimore 12, Md.	43 L	<u>9-2933</u>
RENTSCHLER, Thomas B. (Page 39)	685 Marcia Ave., Hamilton, Ohio	11 L	_____
RETTEW, John B., III (Page 39)	28 Old Eagle School Rd., Strafford, Pa.	201 B	_____
RHOADS, John B.	101 Paxtang Ave., Paxtang, Harrisburg, Pa.	31 L	_____
RICE, Daniel H., III (Page 45)	47 Laconia Rd., Worcester 5, Mass.	42 L	_____
RICHARDSON, H. Burt, Jr. (Page 51)	131 Pennington Ave., Passaic, N. J.	115 B	_____
RICKERT, Hiram D., Jr.	Makefield Rd., Yardley, Pa.	122 MA	<u>2-5859</u>
RICKETTS, William P.	216 E. Lakeworth Ave., Lantana, Fla. Local Address: Thomas Wynne Apts., Apt. B211, Wynnewood, Pa.	Day	_____
PIDGEWAY, Robert G.	425 W. Chelton Ave., Phila. 44, Pa.	WH	_____
RIVERS, Richard D. (Page 45)	49 S. Franklin St., Wilkes-Barre, Pa.	FH	_____
ROBINSON, Douglas C. (Page 58)	55 Coniston Ave., Waterbury, Conn.	216 B	_____
ROTHERMEL, Rodman S. (Page 39)	2205 Third St., Norristown, Pa.	14 L	_____
RUDDICK, C. Townsend, Jr. (Page 39)	23 W. High St., Painesville, Ohio	12 L	_____
RUFF, John K. (Page 39)	536 W. 113th St., New York 25, N. Y.	94 L	<u>9-1046</u>
RUPPENTHAL, Carl R., Jr. (Page 51)	1800 E. Pastorius St., Phila. 38, Pa.	109 B	_____

S

SACHS, Stephen H. (Page 39)	3408 Forest Park Ave., Baltimore 16, Md.	13 L	<u>9-9787</u>
SANGREE, M. Huyett, Jr. (Page 45)	118 Paramount Pkwy., Kenmore 17, N. Y.	42 L	_____
SANSON, Ralph C., Jr. (Page 58)	252 Belmont Ave., Long Beach 3, Calif.	35 SH	_____

Name	Home Address	College Address	Private Phone
SCHACHMAN, Raya (STA)	1225 Ocean Pkwy., Brooklyn 30, N. Y.	24 SH	<u>2-8560</u>
SCHATANOFF, Joseph (Page 45)	Main St., New Freedom, York Co., Pa.	115 MA	_____
SCHERER, Edward U. (Page 45)	349 Allegheny St., Jersey Shore, Pa.	61 L	_____
SCHOFER, Charles E. (Page 39)	109 Grandview Blvd., Wyomissing Hills, West Lawn, Pa.	222 B	_____
SCHOTT, John R. (Page 58)	15 Benjamin West Ave., Swarthmore, Pa.	316 B	_____
SCHULTHEIS, Carl F.	2040 Oakmont Ave., Havertown, Pa.	Day	_____
SCHWARTZ, Robert G. (Page 45)	1109 Muhlenberg Ave., Swarthmore, Pa.	41 L	_____
SCHWENTKER, Frederic N. (Page 51)	209 Tunbridge Rd., Baltimore 12, Md.	409-414 B	<u>2-7567</u>
SCOTT, Alexander F., Jr. (Page 45)	1950 Plymouth St., Phila. 38, Pa.	102 B	_____
SEAVER, Paul S. (Page 39)	Prospectville, Pa.	91 L	<u>2-4485</u>
SEELEY, Robert A. (Page 39)	878 Central Ave., Hammonton, N. J.	74 L	<u>2-8959</u>
SEMANS, H. Stark (Page 51)	1221 Medford Rd., Wynnewood, Pa.	13 F	_____
SHAW, Herbert W., Jr. (Page 51)	104-31 124th St., Richmond Hills (19) L.I., N. Y.	44 L	_____
SHEDD, Gordon M.	533 Allyn's Creek Rd., Rochester 18, N. Y.	121 MA	<u>2-5859</u>
SHITO, Reijiro (STA)	1141, 1-chome, Kitazawa, Setagaya, Tokyo, Japan	21 YH	<u>2-9512</u>
SHOR, Michael S.	2120 Tiebout Ave., New York 57, N. Y.	FH	_____
SHUSTER, James R. (Page 51)	7018 Oakley St., Phila. 11, Pa.	5 M	_____
SIEVERTS, Steven H.	Box 119, Thiensville, Wis.	7 M	_____
SILVER, Philip W.	129 Maplewood Ave., Phila. 48, Pa.	WH	_____
SILVER, Richard W.	18 Point Crescent, Malba, Whitestone 57, N. Y.	12 L	_____
SINGH, Amar (Page 39)	c/o Hon'ble Jaipal Singh, 10 Windsor Place, New Delhi, India Local Address: Woodside Cottage, Haverford, Pa.	Day	_____
SMITH, Michael E. (Page 51)	246 Western Ave., Gloucester, Mass.	91 L	<u>2-4485</u>
SOTOMAYOR, Guy G. (Page 51)	2 South Drive, Roslyn Pines, Roslyn, N. Y.	32 SH	_____
SPEICHER, John K., Jr. (Page 45)	270 Orchard Rd., Newark, Del.	11 M	_____
STEELE, Edward M. (Page 39)	236 E. Benedict Ave., Havertown, Pa.	18 F	_____
STEERE, Geoffrey H. (Page 51)	505 Wayne Ave., Waynesboro, Va. Local Address: 3 College Circle, Haverford, Pa.	Day	_____
STPEHNS, John M.	Concord Pk. & Silverside Rd., RD#2, Wilmington, Del.	11 M	_____

Name	Home Address	College Address	Private Phone
STERN, Albert F. (Page 39)	101 N. Chatsworth Ave., Larchmont, N. Y.	14 L	_____
STEVENS, Edward J., 3rd (Page 58)	14250 Bustleton Pike, Phila. 16, Pa.	34 L	<u>9-9832</u>
STINE, William D. (Page 58)	2116 Allen St., Allentown, Pa.	10 M	_____
STOCKEBRAND, William J. (Page 58)	6024 Oxford St., Phila. 31, Pa.	Day	_____
STOVER, Donald O. (Page 58)	5801 Bahama Shores Dr., St. Petersburg, Fla.	320 B	_____
STREET, Phillip M. (Page 51)	Rider Hill Rd., Ruxton 4, Md.	217 B	_____
STROTBECK, John M. (Page 45)	122 N. Rumson Ave., Margate, N. J.	409-414 B	<u>2-7567</u>
STYCHE, Leonard G. (STA)	Washington-Shady Apts., Bridgeville, Pa.	23 YH	<u>2-9512</u>
SUPPLEE, John G. (Page 45)	45 Woodland Ave., Glen Ridge, N. J.	8 M	_____
SUTTON, David C. (Page 45)	785 College Ave., Haverford, Pa.	7 F	_____
SWIFT, Daniel W. (Page 58)	160 Maskwonicut St., Sharon, Mass.	216 B	_____
SWIHART, Stewart L. (Page 39)	26 N. Adams, Carthage, Ill.	62 L	<u>9-1825</u>
SWINTON, Neil W., Jr. (Page 51)	41 Wamesit Rd., Waban 68, Mass.	44 L	<u>9-2933</u>
T			
TAWELL, Arthur L. (Page 58)	Stuart Lane, Woods Hole, Mass.	6 M	_____
TAYLOR, Richard K. (Page 39)	635 Mulford Rd., Wyncote, Pa. Local Address: 5 College Circle, Haverford, Pa.	Day	<u>2-2084</u>
THOMAS, E. J. Baylis (Page 39)	40 Rockglen Rd., Phila. 31, Pa.	107 MA	_____
THOMAS, Henry M. (Page 50)	314 Overhill Rd., Baltimore 10, Md.	34 YH	_____
THOMAS, John W. (Page 51)	RD#1, Ringoes, N. J.	23 L	_____
THOMAS, T. Darrah (Page 39)	6 Raymond St., Chevy Chase 15, Md. Local Address: c/o Holland Hunter, Woodside Cottage, Haverford, Pa.	Day	_____
THOMPSON, Edward J., Jr. (Page 51)	911 Presqueisle St., Philipsburg, Pa.	31 L	_____
TODD, George F., Jr.	1906 Pine St., Phila., Pa.	54 L	<u>2-9861</u>
TOGASAKI, Robert K.	1848 Buchanan St., San Francisco, Calif.	110 B	_____
TORG, Joseph S. (Page 58)	1324 Medary Ave., Phila. 41, Pa.	103 B	_____
TRAUT, Robert R. (Page 51)	747 Santa Clara Ave., Claremont, Calif.	208 B	_____
TRUMPER, John Y. (Page 40)	155 Summit Lane, Bala-Cynwyd, Pa.	13 L	<u>9-9787</u>
TUATAGALOA, Eric (Page 52)	Pago Pago, American Samoa	WH	_____

Name	Home Address	College Address	Private Phone
TYSON, William B. (Page 58)	22 Rope Ferry Rd., Hanover, N. H.	32 L	_____
U			
UNGER, Thomas (Page 59)	234 State St., Perth Amboy, N. J.	304 B	_____
V			
VENET, Samuel N. (STA)	208 Elm Terrace, Narberth, Pa.	Day	_____
VENEZIALE, Carlo M. (Page 40)	1622 S. Broad St., Phila. 45, Pa.	15 F	_____
VERSACI, Frank (Page 59)	6437 N. Park Ave., Phila. 26, Pa.	12 M	_____
VINEY, James L. (Page 52)	c/o Col A. G. Viney, Hq. 7th Army, Eng. Div., APO 46, N. Y.	WH	_____
VOGEL, Carl S., Jr. (Page 59)	412 Righters Mill Rd., Narberth, Pa.	Day	_____
von MILLER, Christina (STA)	Starnberg, Bavaria, Germany Local Address: c/o Edmund Stinnes, 751 Millbrook Lane, Haverford, Pa.	Day	_____
W			
WAGNER, Richard V. (Page 59)	115 Longwood Rd., Baltimore 10, Md.	120 B	_____
WALLACE, John G. (Page 52)	36 Woodbridge St., S. Hadley, Mass.	33 SH	_____
WALLACE, Robert P. (Page 52)	123 Lawrence Ave., Homestead Park, Pa.	208 B	_____
WALTON, David S. (Page 52)	Brigantine, N. J.	118 B	_____
WALTON, Howard L. (Page 59)	6 North Ave., Wyncote, Pa.	Day	_____
WALTON, John G. (Page 40)	309 S. 21st St., Brigantine, N. J.	11 L	_____
WARDE, William D. (Page 59)	19 Norris Rd., Hyde Park 36, Mass.	21 L	<u>9-9732</u>
WATSON, William B. (Page 40)	19 Standish Rd., Rosslyn Farms, Carnegie, Pa. Local Address: 5 College Circle, Haverford, Pa.	Day	<u>2-2084</u>
WEAVER, Harold D., Jr. (Page 52)	Delaware State College, Dover, Del.	23 L	_____
WEEKS, Edward F. (Page 59)	59 Chestnut St., Boston, Mass.	212 B	_____
WERNER, Ervin R. (Page 40)	620 Willowbrook Rd., Havertown, Pa.	Day	_____
WHEATON, Dan A.	153-1/2 E. 74th St., New York 21, N. Y.	110 MA	_____
WHITE, Christopher (Page 40)	Westtown, Pa.	84 L	_____
WHITE, William, Jr.	621 Villa Rd., Drexel Hill, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
WHITNEY, James N. (Page 59)	413 Valley Forge Rd., Wayne, Pa.	21 L	_____
WIELAND, D. Alexander, Jr. (Page 52)	Spring Lane, Roxborough, Phila. 28, Pa.	118 B	_____
WILBUR, Ernest R. (Page 59)	115 Pennsylvania Ave., Bryn Mawr, Pa.	306 B	_____
WILENTZ, Jack N. (Page 59)	185 High St., Perth Amboy, N. J.	304 B	_____
WILLCOX, David L. (Page 59)	627 Highland Rd., Ithaca, N. Y.	210 B	_____
WILLIS, Thayer (Page 52)	9 Bettswood Rd., Norwalk, Conn.	31 SH	_____
WILSON, Robert G. (Page 45)	Country Club Gardens, Pelham, N. Y.	409-414 B	<u>2-7567</u>
WILSON, William C. (Page 40)	Grahampton Lane, Greenwich, Conn.	108 MA	<u>2-7255</u>
WINANS, Charles S. (Page 59)	1434 Navahoe Dr., Pittsburgh 28, Pa.	104 B	_____
WINSTON, Rudolph, Jr.	5437 Walnut St., Phila. 39, Pa.	3 F	_____
WITHERSPOON, Gerald S. (Page 52)	2988 Wicklow Rd., Columbus, Ohio	7A F	_____
WOLF, Jean L. (Page 40)	50 Central Park, W., New York 23, N. Y.	FH	<u>2-8667</u>
WOLL, Peter (Page 40)	Oak Dale Farm, Newtown, Pa.	51 L	<u>9-2731</u>
WOOD, William E. (Page 46)	Hidden Springs, Neshanic Station, N. J.	8 M	_____
WOODHAM, Lewis R. (Page 52)	181 Pasadena Place, Hawthorne, N. J.	312 B	_____
WOODRUFF, Roy H. (Page 59)	22-26 E. 8th St., New York 3, N. Y.	302 B	_____
WORDEN, Stanley (Page 46)	24 The Green, Dover, Delaware	1 F	_____
WOZNICKI, Lamar deB. (Page 52)	318 E. Meehan Ave., Phila. 19, Pa.	118 B	_____
WREN, John C. (Page 40)	317 College Ave., Bluefield, W. Va.	120 MA	_____
WUESTHOFF, Joyce (STA)	Route 2, Box 424, Thiensville, Wis.	27 SH	<u>2-8560</u>

Y

YOST, William A., III (Page 59)	1936 N. 74th St., Wauwatosa 13, Wis.	35 SH	_____
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Z

ZAMBA-REEVES, Joseph J.	66 Casey St., Monrovia, Siberia, West Africa	2 F	_____
ZAVITZ, Peter K. C. (Page 59)	3039 44th St., Washington, D. C.	409-414 B	_____

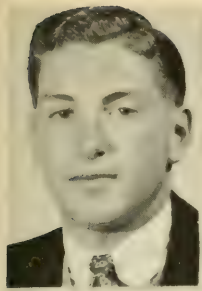




**S T U D E N T S '   
 P I C T U R E S**

**Arranged  
alphabetically  
by Classes**

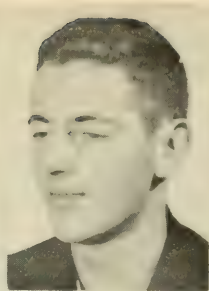




W. B. Armstrong



J. P. Barwick



P. E. Barwick



J. D. Beatty



B. F. Bell



P. Benjamin



W. Babel



G. B. Bourne



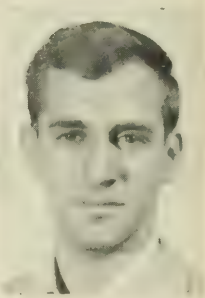
T. M. Bisset



J. C. Dutton



H. G. Baatt



E. K. Carpenter



W. W. Cassner



P. P. Coney



L. B. C. C. C. C.



W. J. C. C. C.



A. J. Farrell



R. P. Feester



J. P. Felstano



L. J. Finkelstein



G. Frasz



C. L. Fry



M. T. Fuste



W. B. Gans



P. C. Gaudner



R. A. Glazer



P. B. Goutrun



P. Hanzmer



J. W. Haines



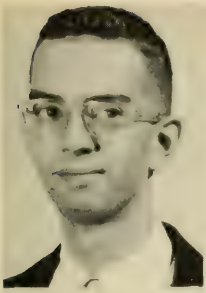
W. J. Hammers



E. Harrison



J. Harvov



W. G. Haynes



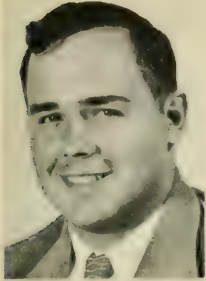
M. F. Heller



C. F. Heitwege



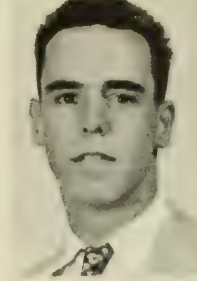
T. S. Hays



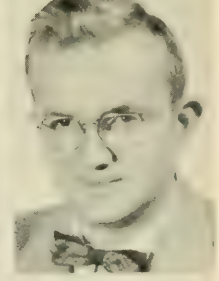
E. Hollingsworth



H. P. Howarth



J. A. Hummel



R. W. Hutson



J. D. Ingery



H. Janaszek



F. R. Jameson



L. M. Johnson



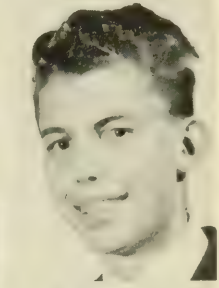
H. Kozlowski



W. G. Koser



J. H. Koser



M. H. Kozlowski



J. Koyser



S. J. Kofke



J. Kittredge



P. R. Klenz



E. P. Kiser



G. Lassus



M. C. Lasslett



R. M. Marsh



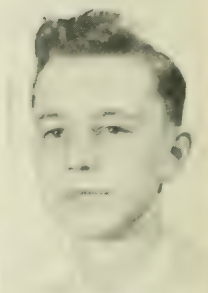
S. J. Johnson



W. Meisner



K. Miller



D. F. Muth



R. A. Clark



R. M. Pugh



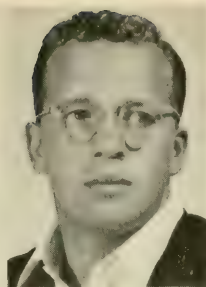
J. A. Pugh



R. R. Bero



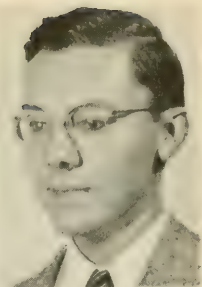
T. B. Rentschler



J. B. Rettew



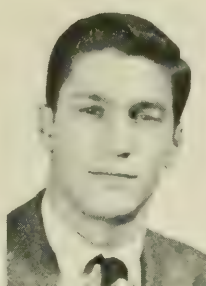
R. S. Rothman



C. Radtke



J. K. Ruff



S. H. Sachs



C. F. Schofer



P. S. Seaver



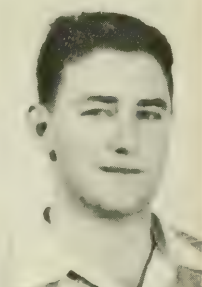
R. A. SEELEY



A. Singh



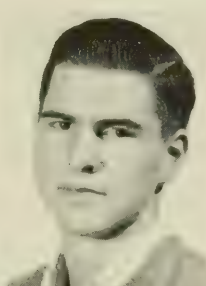
E. M. Steele



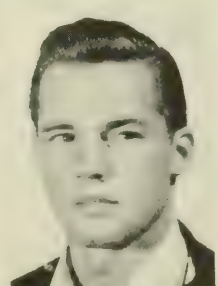
A. F. Stern



S. L. Sabin



B. K. Taylor



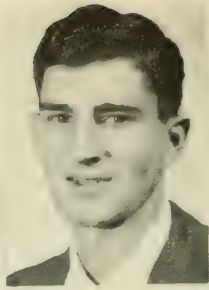
F. J. B. Thomas



T. D. Thomas



J. Y. Trumpet



C. M. Veneziano



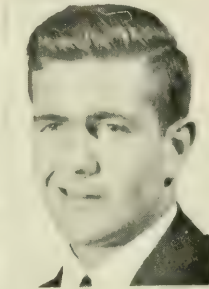
W. B. Watson



J. G. Walton



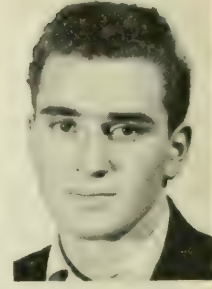
E. R. Werner



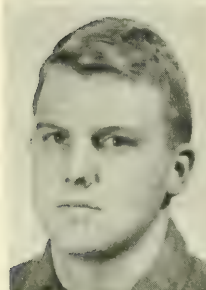
C. White



W. C. Wilson



J. L. Wolf



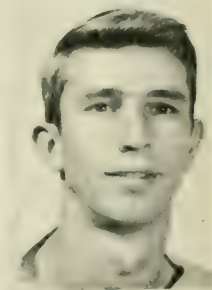
P. Woll



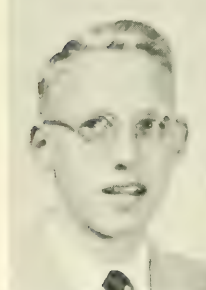
J. C. Wren



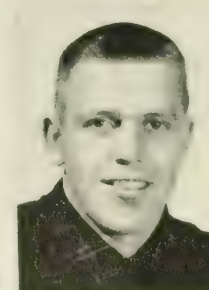
G. Albright



J. P. Albright



A. C. Ager



J. J. Allen



R. W. Ayvord

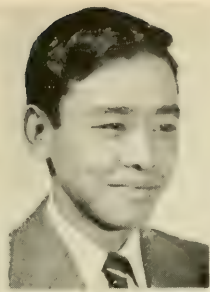


R. P. Aarman





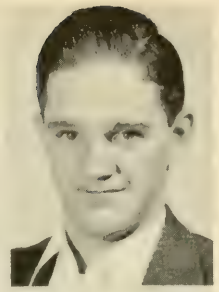
H. C. Arnold



K. Azumi



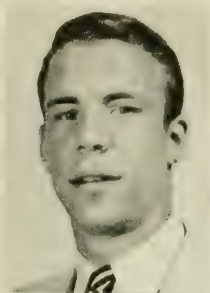
N. J. Barsen



J. C. Beatty



L. C. Bennett



E. D. Blanchard



T. R. Bledsoe



D. R. Bolgiano



A. Horton



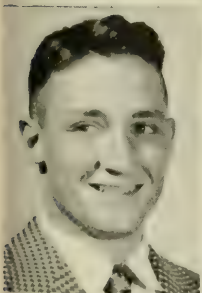
J. B. Bradbeer



W. Bradford



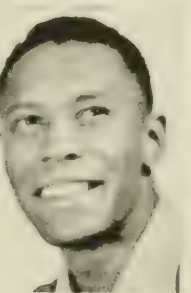
C. B. Zimmerman



J. A. Braker



F. Burselbach



J. D. Cates



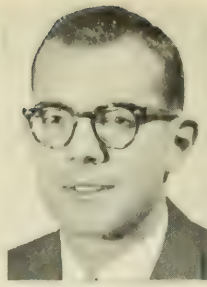
J. J. Clafford



D. F. Cone



S. C. Contakos



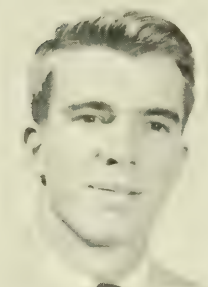
R. Crossdale



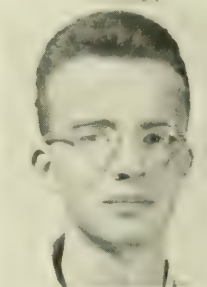
D. Darnay



J. F. Dixon



R. Eldridge



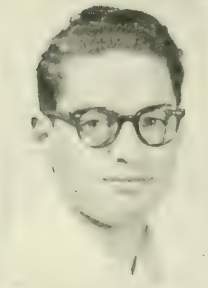
G. L. Franke



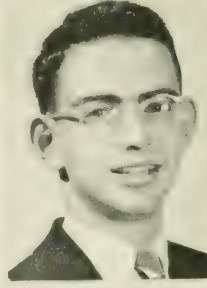
I. Freedman



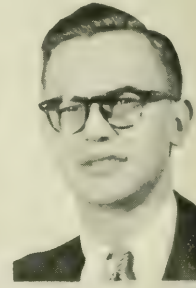
A. H. Frey



A. Goldfinger



T. B. Goodkind



G. W. Gray



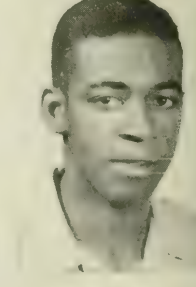
H. I. Honsinger



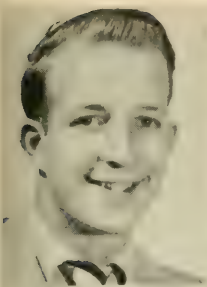
E. B. Harris



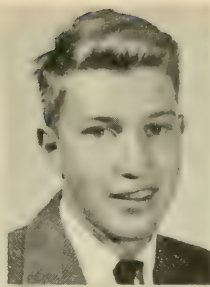
P. C. Hazleton



N. S. Hill



D. E. Hogenauer



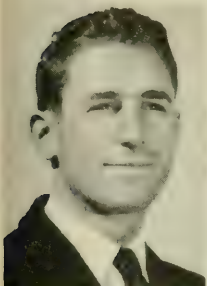
J. W. Hopkins



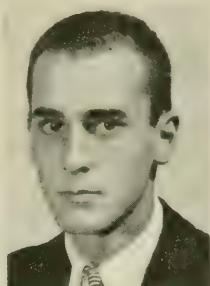
R. Jaekel



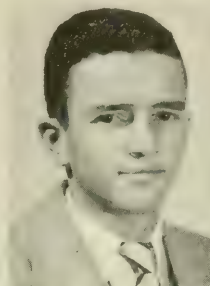
M. A. Johnson



I. E. Kanter



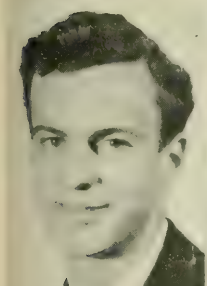
S. CASPER



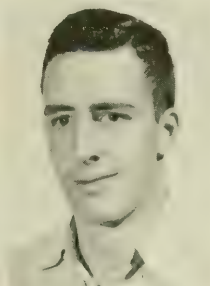
C. P. Kepner



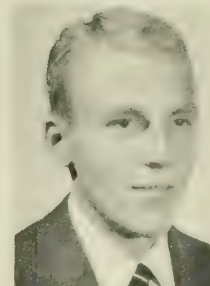
D. E. Keen



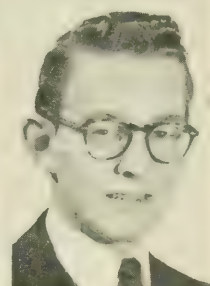
A. Klein



W. M. Longstreth



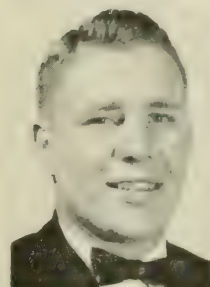
J. E. McKenzie



E. R. Madsen



C. N. Malani



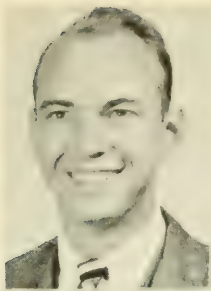
C. B. Manchester



M. S. Mandell



R. W. Mason



R. Masterson



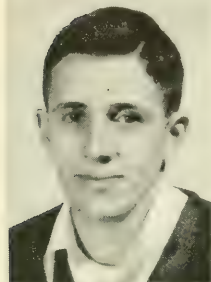
W. S. Maslatoff



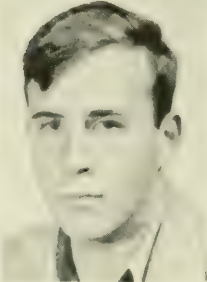
R. L. McCandless



J. R. McCann



J. G. McDonald



N. S. Merritt



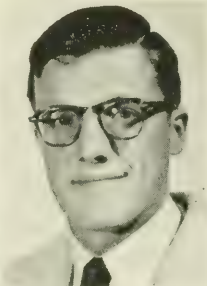
F. H. Mekunya



W. L. Momsen



F. I. Moore



G. Morrow



U. H. Moss



C. F. Neuhaus



J. A. Niese



J. H. Osler



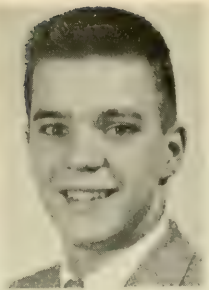
G. R. Pearson



T. G. Petock



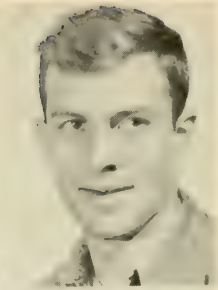
P. Pichler



H. C. Rapier



R. F. Reag



F. B. Reeves



D. H. Rice



R. D. Rivers



M. H. Sauter



J. Schatanoff



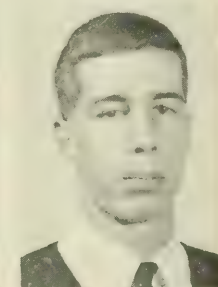
J. V. Sauer



R. G. Schwartz



A. F. Scott



J. Speiser



J. M. Strassman



J. G. Sutter



D. C. Sutter



R. G. Wilson



W. E. Wood



S. Wesson



G. M. Anderson



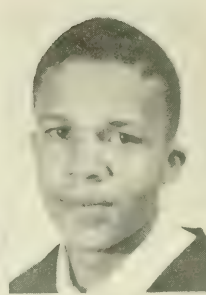
J. K. Armstrong



P. H. Anderson



S. S. Adams



J. L. Baker



J. W. Baker



A. E. Baker



J. S. Baker



H. A. Baker



S. Baker



J. Baker



S. P. Baker



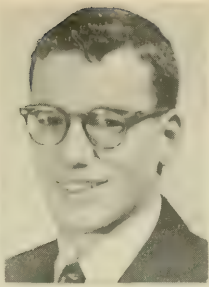
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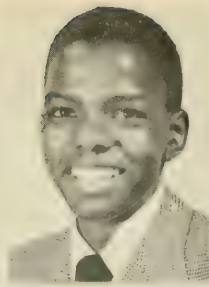
W. W. Baker



D. F. Conroy



J. H. Dick



D. Dotson



W. H. Douglas



J. R. Duggan



F. Egan



G. H. Feltus



M. B. Freedman



H. A. Friedman



H. M. Friedman



H. N. Furr



T. H. Garver



R. W. Garmour



G. S. Goodman



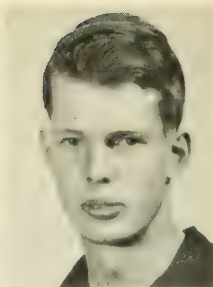
J. L. Gould



J. E. Green



M. G. Greenberg



D. G. S. Greene



R. B. Green



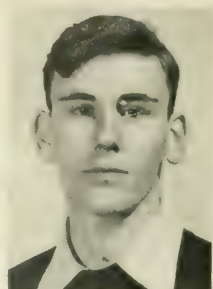
N. Grossman



W. S. Hall



D. E. Harris



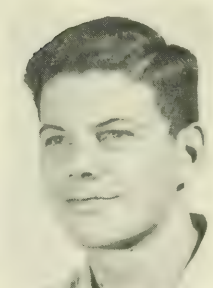
J. R. Hawkins



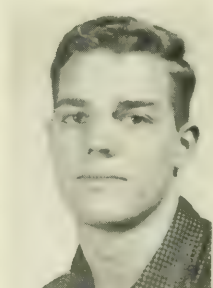
D. Hensel



J. W. B. Hershey



A. M. Hess



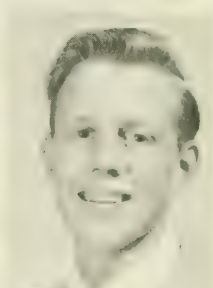
H. W. Hinton



J. H. S. Holt



J. L. Horner



J. R. Innes

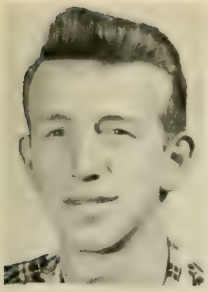


S. A. Ivate



R. A. Isay





K. S. Johnson



O. Johnson



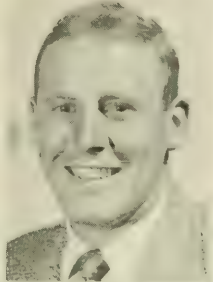
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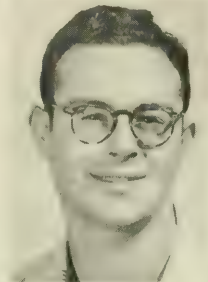
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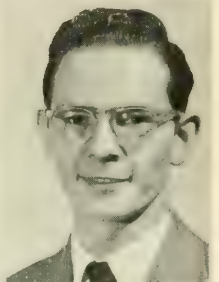
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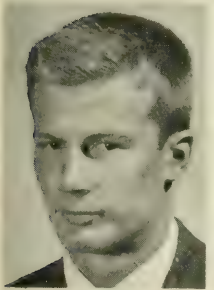
G. Keeley



J. J. Kihnman



S. B. Knowlton



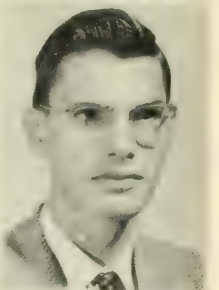
T. G. Kummer



T. J. Ladenburg



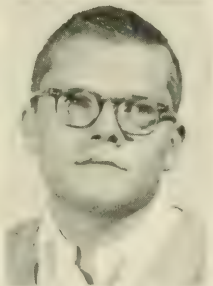
C. B. Lane



W. E. Langsam



N. H. Marley



C. Moskove



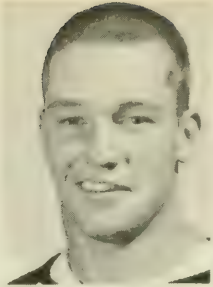
G. N. Musko



H. M. Mann



J. F. Marquardt



T. W. Martens



S. L. Mazurek



R. S. McDowell



M. McIntosh



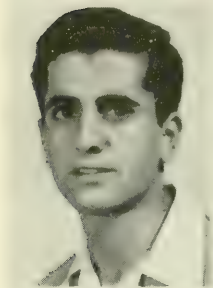
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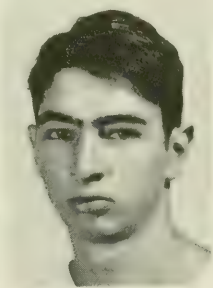
J. L. McMasters



D. C. Mead



H. I. Mikhail



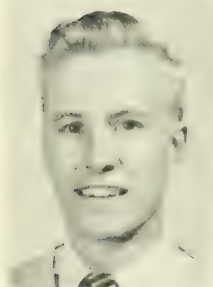
E. W. Miller



L. H. Miller



F. L. Minneh



R. C. Moore



F. G. Nease



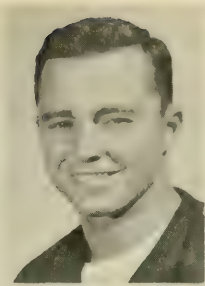
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J. J. Potts



J. L. Pfaltz



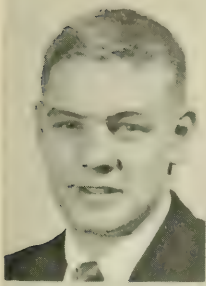
T. M. Regan



H. B. Richardson



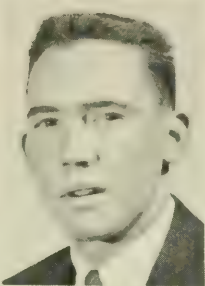
C. R. Ruppenthal



F. N. Schwenker



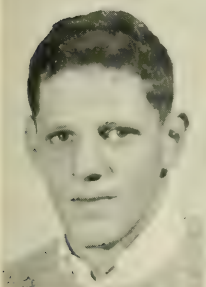
H. S. Semans



H. W. Shaw



J. R. Shuster



M. E. Smith



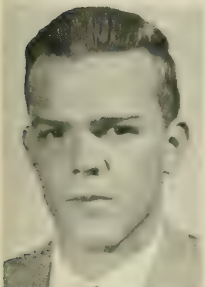
G. G. Sotomayor



G. H. Steere



P. M. Street



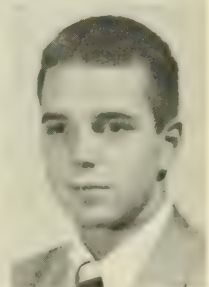
N. W. Swinton



J. W. Thomas



F. J. Thompson



R. B. Trust



E. Testerman



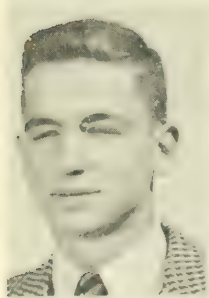
J. L. Nisby



J. G. Wallace



R. P. Wallace



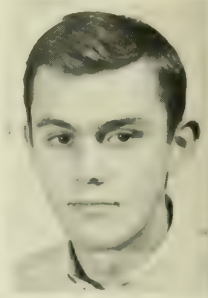
D. S. Winton



H. C. Weaver



D. A. Wieland



T. Willis



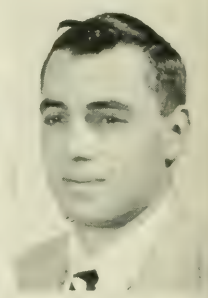
G. S. Waterspoon



L. R. Woodham



L. Woznicki



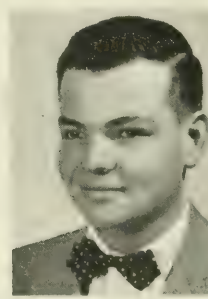
C. Adams



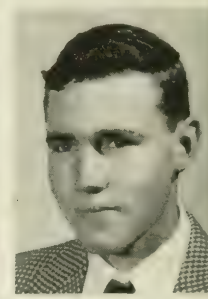
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T. G. Amstergum



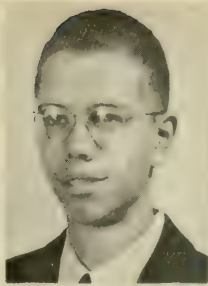
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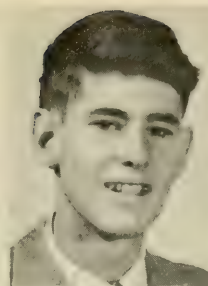
M. Barr



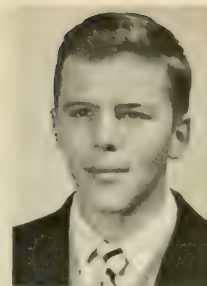
R. L. Barth  
(withdrawn)



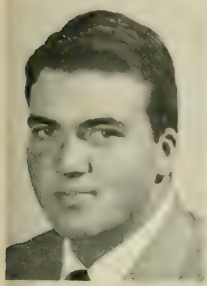
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J. A. Bernstein



A. G. Bang



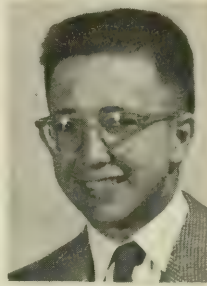
B. L. Black



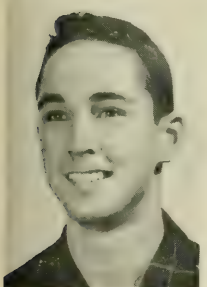
C. U. Brown



C. P. Buey



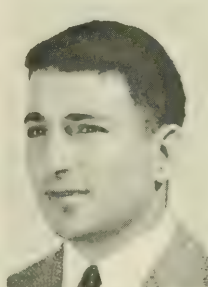
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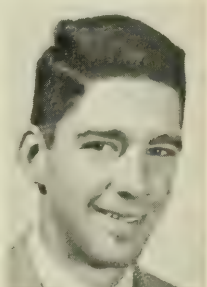
F. L. Confield



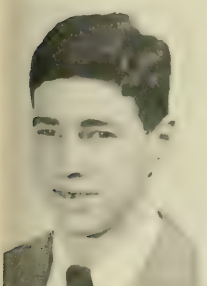
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M. T. Charlson



P. Chavel



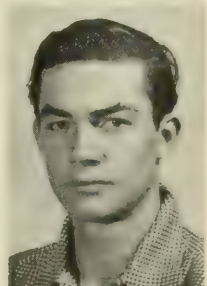
R. L. Collins



J. A. Cooner



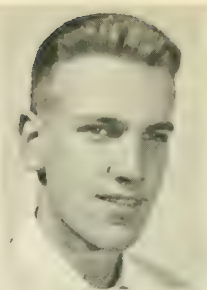
J. G. Coon



C. R. Coramios



A. Cohen



D. A. Crane



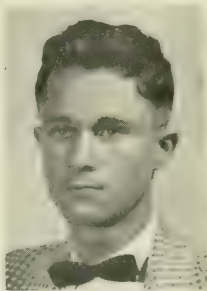
J. W. Davidson



E. A. Dent



M. B. Donham



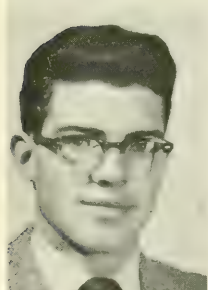
S. F. Fawcett



W. B. Ferguson



H. M. Farrell



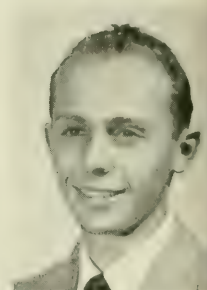
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R. W. Fine



I. P. Fitzgerald



P. M. Forman



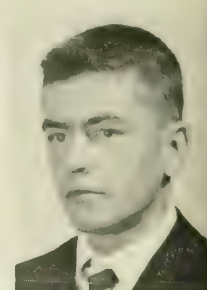
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R. S. Foster



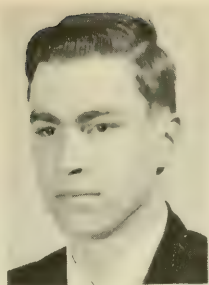
J. B. Fraser



G. B. Galloway



J. A. Gault



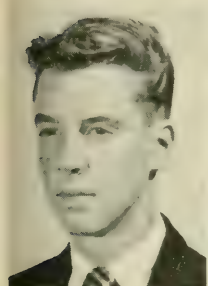
S. Gault



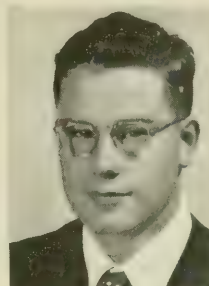
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J. S. Gault



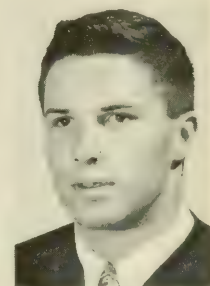
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D. B. Gray



J. A. Grimes



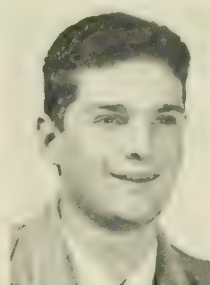
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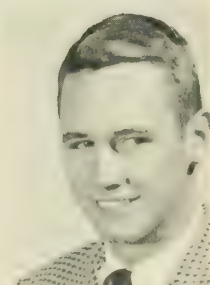
L. Herb. S. Hirston



M. L. Hirston



J. T. Hirston



G. H. Hirst



J. B. Hirston



J. P. Hirston



W. H. Hirston



G. H. Hirston



T. H. Helmstadter



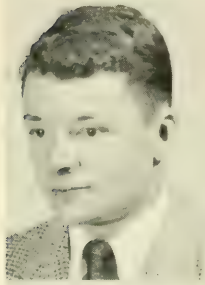
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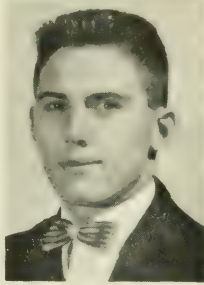
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S. J. Hodges



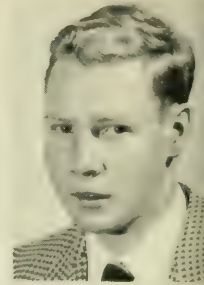
H. B. Hoover



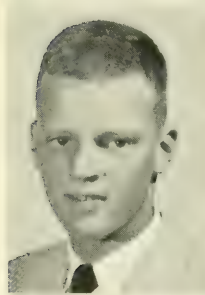
P. D. Hoggins



R. J. Hopper



D. E. Homan



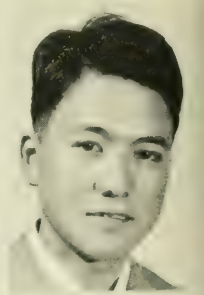
E. F. Hudson



R. W. Hunt



C. W. Hurd



A. Iriye



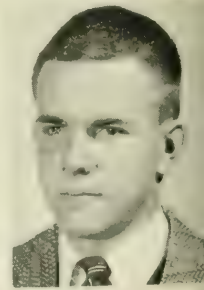
Z. S. Johnson



E. L. Jones

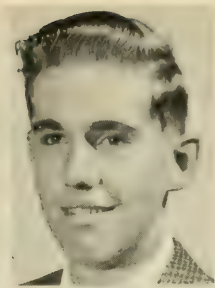
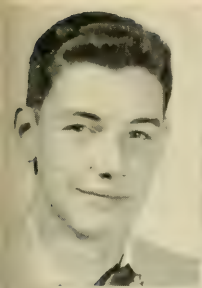


J. W. Kasper



E. J. Kesty



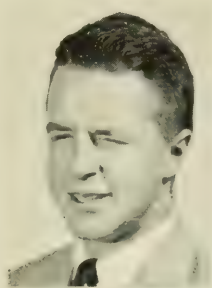
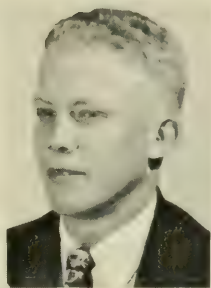
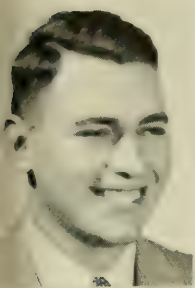


A. B. Lachman

J. H. Letcher

R. J. Lindeman

W. H. Long

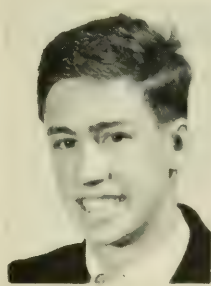


C. S. Mack

L. B. Matlack

D. W. Meaker

F. B. Metzger

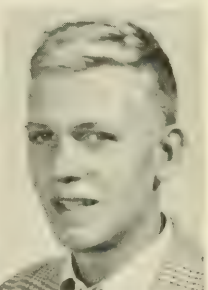
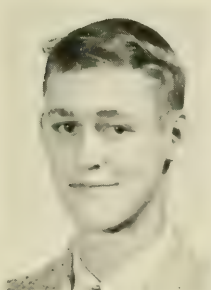
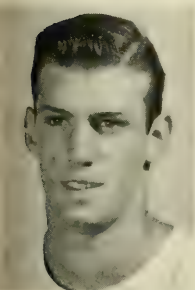


S. H. Moses

W. W. Moss

W. H. Murray

J. H. Messer



D. W. Neuman

W. L. Newmyer

R. W. Noyes

L. D. Pardo



P. M. Parker



E. H. Pass



P. H. Pastercus



R. B. Price



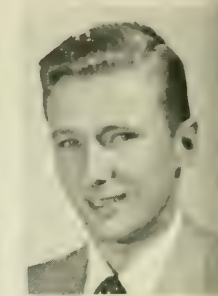
D. C. Robinson



R. C. Samsen



J. R. S. Lott



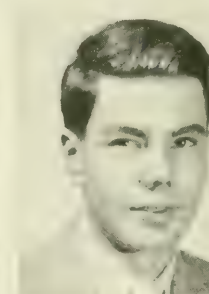
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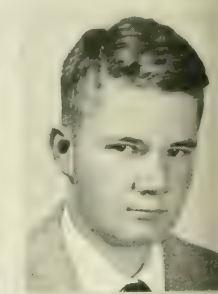
W. J. Stone



W. J. Stone



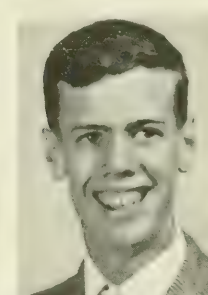
D. O. Stone



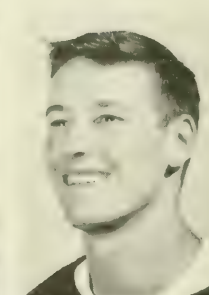
D. W. Swift



J. L. Tamm



H. M. Tamm



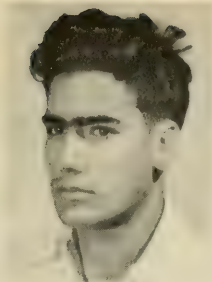
J. S. Torg



W. K. Tysot



T. Unger



F. Versoet



C. S. Vosel



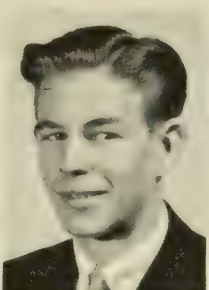
R. V. Wagler



H. L. Walton



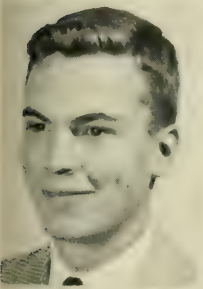
W. D. Warde



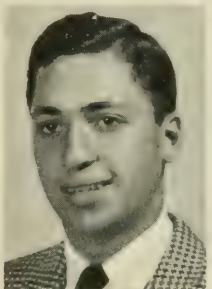
E. F. Weeks



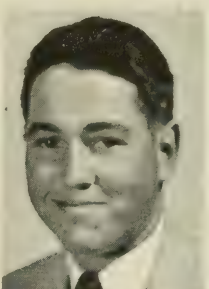
J. N. Whitney



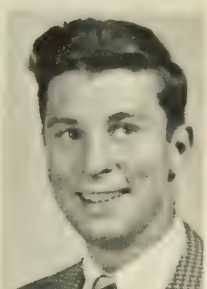
E. R. Wibur



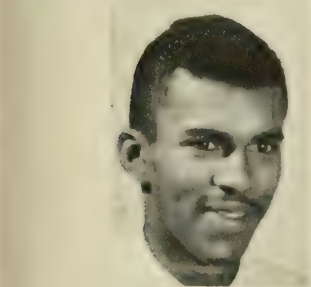
J. N. Wilentz



D. J. Wilcox



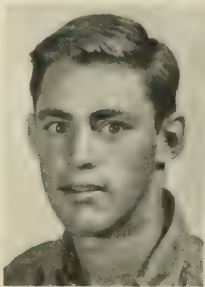
C. S. Winans



R. H. Woodruff



A. A. Yost



P. K. C. Zovitz

Photos by Bob Appman



Students arranged by Class in which they are enrolled during the first semester of 1953-1954.

### FRESHMAN CLASS

Adams, Charles S.	Gray, John H., III	Moss, William W., III
Allen, Harry R.	Groff, Diller B., III	Murray, William M.
Allen, Paul R., Jr.	Gruber, John B.	Musser, John H.
Amsterdam, Tony G.	Haberland, Paul M.	Nauman, Daniel W.
Anderson, J. Harry, Jr.	Halstead, Lauro deB. S.	Newmeyer, William L., III
Barr, Mason, Jr.	Hamester, Hans L.	Noyes, Robert W.
Belash, David C.	Hanson, John P.	Paine, Lincoln D.
Bernstein, John A.	Hart, Benson H.	Panken, Peter M.
Bing, Anthony G.	Harvey, Thomas B., Jr.	Pepper, William, Jr.
Block, Blaine L.	Haviland, Paul R., Jr.	Pine, Edward H.
Brown, Charles V., Jr.,	Hecht, Warren B.	Platenius, Peter H.
Bucy, P. Craig	Heeg, Michael M.	Price, Robert B., Jr.
Calkins, Kenneth R.	Helmstadter, Thomas H.	Rehmeyer, Richard C.
Canfield, Earl L., Jr.	Henderson, Rolland H.	Robinson, Douglas C.
Challener, Robert C.	Hodge, Paul M.	Sanson, Ralph C., Jr.
Charlson, Murray T.	Hodges, Samuel J.	Schott, John R.
Clavel, Pierre	Hoover, Henry B., Jr.	Stevens, Edward J., III
Cohen, Richard L.	Hopkins, P. Donald	Stine, William D.
Cooper, T. Astley	Hopper, Robert J.	Stockebrand, William J.
Cope, John G.	Horan, David E.	Stover, Donald O.
Coroneos, Clive R.	Hudson, F. Eugene	Swift, Daniel W.
Cowen, Arthur, III	Hunt, Robert W.	Tawell, Arthur L.
Crane, Donald A.	Hurd, Christopher W., Jr.	Thomas, Henry M., III
Densford, Robert W.	Iriye, Akira	Torg, Joseph S.
Dent, Benjamin A.	Johnson, Stanley B., III	Tyson, William B.
Donham, Michael B.	Jones, Everett L., III	Unger, Thomas
Fairfield, E. Steven	Joyce, Thomas J., Jr.	Versaci, Frank, Jr.
Fairweather, W. Bruce, Jr.	Kilpatrick, Robert W.	Vogel, Carl S., Jr.
Farrell, Henry M.	Kirby, Edwin J., Jr.	Wagner, Richard V.
Ferguson, Lawrence C., Jr.	Kravis, Gary I.	Walton, Howard L.
Fine, Robert W.	Lachman, Alan B.	Warde, William D.
Fitzpatrick, Irving P.	Letcher, John H., III	Weeks, Edward F.
Forman, Phillip M.	Lindeman, Robert J.	Whitney, James N.
Forman, Richard T.	Long, W. Herbert, III	Wilbur, E. Reed
Foster, Roger S., Jr.	Mack, Charles S.	Wilentz, Jack N.
Francis, James B., Jr.	Matlack, Louis R.	Willcox, David L.
Gallager, Laurence R.	McIntosh, Michael A.	Winans, Charles S.
Gallant, Jonathan A.	Meaker, Douglas W.	Woodruff, Roy H.
Gibson, Seth	Mezger, Erik B.	Yost, William A., III
Goldberg, Robert H.	Moses, Sanford H., Jr.	Zavitz, Peter K. C.
Goodman, Jay S.		

### SOPHOMORE CLASS

Anderson, George M.	Berger, David S.	Clurman, Rodney H.
Armstrong, John K.	Bishop, Samuel A. McK.	Coe, Donald B.
Armstrong, Peter H.	Bolgiano, D. Ridgely	Cohill, Donald F.
Averna, Vincent S.	Broekman, Han van M.	D'Arrigo, Philip
Baker, James E.	Broughton, Robert P.	Dorsey, David F., Jr.
Baker, J. Winsor, Jr.,	Capo, Enrique R.	Dick, John H.
Barlow, A. Ralph, Jr.	Caspar, Stephen P.	Douglas, Walter B.
Barrett, John S.	Changtrakul, Pramote	Dungan, Jon R.
Barton, Robert A., Jr.	Chodorov, Steph	Evans, Franklin

## SOPHOMORE CLASS

Fettus, George H.	Knowlton, Stephen B., Jr.	Renken, Fritz G.
Freedman, Mark B.	Kummer, Theodore G.	Rhoads, John B.
Freeman, Harvey A.	Kurkjian, Ernest	Richardson, H. Burt, Jr.
Friedman, Harold M.	Kushner, David A.	Ruppenthal, Carl R., Jr.
Gage, Robert J.	Ladenburg, Thomas J.	Schwentker, Frederic N.
Garver, Thomas H.	Lane, Charles B.	Semans, H. Stark
Gilmour, Rodger B.	Langsam, Walter E.	Shaw, Herbert W., Jr.
Goodman, Gerald S.	Longstaff, John B., Jr.	Shuster, James R.
Gould, John H.	Mabry, Nicolas R.	Sieverts, Steven H.
Green, Joseph E., III	MacKown, Craig	Smith, Michael E.
Greenberg, Marshall G.	Malko, George	Sotomayor, Guy G.
Greene, David G. S.	Mann, H. Michael	Steere, Geoffrey H.
Greer, Robert B., III	Marquardt, John F.	Stephens, John M.
Grossblatt, Norman	Martenis, Thomas W.	Street, Phillip M.
Hall, Winfield S.	Mazurek, Stanley L.	Swinton, Neil W., Jr.
Harris, Daniel E.	McDowell, Robin S.	Thomas, John W.
Hawkins, John R.	McLean, Arthur M.	Thompson, E. Jackson, Jr.
Hensel, David B.	McMasters, James L.	Togasaki, Robert K.
Hershey, John W. B.	Mead, Donald C.	Traut, Robert R.
Hirss, Andris M.	Mikhail, John I.	Tuatagaloa, Eric
Hitzrot, H. William, Jr.	Miller, Edward W., Jr.	Viney, James L.
Hoag, Joseph H. S.	Miller, Louis H.	Wallace, John G.
Horner, J. LeF.	Minnich, Edward L., Jr.	Wallace, Robert P.
Innes, B. Jeremy M.	Monroe, Richard C.	Walton, D. Sellers
Irvine, R. Allen	Neimark, Paul G.	Weaver, Harold D., Jr.
Isay, Richard A.	Ortman, H. William	White, William, Jr.
Johnson, Kenneth S.	Packard, William M.	Wieland, D. Alexander, Jr.
Johnson, Otis S.	Patt, Robert F.	Willis, Thayer, Jr.
Johnson, Richard M.	Pearson, Bruce F.	Witherspoon, Gerald S.
Judovich, Joel I.	Perera, John B.	Woodham, Lewis R.
Kalen, Norman	Pfaltz, John L.	Woznicki, Lamar deB.
Keeley, George P.	Potter, David	Zamba-Reeves, Joseph J.
Klinman, Jerry J.	Regan, Theodore M., Jr.	

## JUNIOR CLASS

Albright, Gerald S.	Cone, Donald F.	Harris, E. Berkeley, Jr.
Albright, Jonathan P.	Contactos, Samuel C.	Hazelton, Pierce C.
Allen, Alexander C.	Croasdaile, Richard E., Jr.	Hill, Norman S., Jr.
Allen, John J.	Dannay, Douglas	Hoffman, David L.
Alvord, Robert W.	Dixon, John E.	Hogenauer, David E.
Apmann, Robert P.	Eldridge, Roswell	Hopkins, Johns W., Jr.
Arnold, Harris C., Jr.	Flint, John B.	Jaeckel, Ralph
Azumi, Koya	Forman, Marc A.	Johnson, M. Alanson, II
Barker, N. John, Jr.	Foulke, David S.	Kanter, Ira E.
Beatty, John C., III	Franke, O. Lehn	Kepner, Chase D.
Bennett, Lee C., Jr.	Freedman, Irwin S.	Kern, Donald E.
Blanchard, Eric D.	Frey, Alexander H., Jr.	Klein, Arthur
Bledsoe, Theodore R.	Fuller, David S.	Klots, Cornelius E.
Borton, Anthony	Fuller, Richard S.	Kreisher, John H.
Bradbeer, James B.	Goldfinger, Alexander M., Jr.	Longstreth, W. Morris
Bradfield, William S., Jr.	Goodkind, Thomas B.	Lubin, Jack
Brainard, Charles R.	Gray, George W.	Mackenzie, J. Robert
Braker, James A.	Hamburger, Henry	Maiden, Don R., Jr.
Burelbach, Frederick M., Jr.	Hamilton, Kenneth G.	Malani, Chandru N.
Cauffiel, Joseph J.	Hardy, Richard D.	Manchester, C. Bray

## JUNIOR CLASS

Mandell, Morton S.	Moss, Urban H., Jr.	Scherer, Edward U., Jr.
Marble, W. James	Neuhaus, Charles F.	Schultheis, Carl F., Jr.
Marek, Richard W.	Noble, Jay A.	Schwartz, Robert G.
Masland, William S.	Osler, John H., Jr.	Scott, Alexander F., Jr.
Masterson, Robert D.	Parker, Garth R.	Seeley, Robert A.
McCandless, Richard L.	Penick, Theodore G.	Shedd, Gordon M.
McCann, James R.	Phelps, Paulding	Shor, Michael S.
McDonald, John G., Jr.	Raper, Harrison C.	Speicher, John K., Jr.
Merrill, Nathaniel S.	Read, Robert E.	Strotbeck, John M.
Michael, John R.	Reeves, F. Brewster	Supplee, John G.
Mikuriya, Tod H.	Rice, Daniel H., III	Sutton, David C.
Momsen, William L.	Rivers, Richard D.	Wilson, Robert G.
Moore, Peter I.	Sangree, M. Huyett, Jr.	Wood, William E., III
Morrow, Grant, III	Schatanoff, Joseph	Worden, Stanley, Jr.

## SENIOR CLASS

Ammann, William B.	Hankamer, Peter R.	Osler, Frederic B., Jr.
Barwick, James P.	Hansen, Christian M., Jr.	Perry, David R.
Barwick, Peter E.	Hansman, Keith J.	Polisky, Richard M., Jr.
Beatty, J. David	Harris, James M.	Prager, Lutz A.
Bell, Bertrand F., Jr.	Harrison, Earl G., Jr.	Reno, R. Ronald, Jr.
Belote, Theodore G.	Harvey, John S. C., III	Rentschler, Thomas B.
Benjamin, Philip S.	Haynes, William G.	Rettew, John B., III
Bibbins, M. Wyllis	Heller, Martin F.	Rickert, Hiram D., Jr.
Birdsall, C. Benson	Hellwege, Conrad D., Jr.	Ricketts, William P.
Bittel, William H.	Hiers, Thomas S.	Ridgeway, Robert G.
Bourne, Richard B.	Hollingsworth, Edward P., Jr.	Rothermel, Rodman S.
Brewer, Talbot M., Jr.	Howorth, H. Philip	Ruddick, C. Townsend, Jr.
Bull, Robert L., III	Hummel, Jonathan A.	Ruff, John K.
Burton, John C.	Hutton, Robert W.	Sachs, Stephen H.
Burt, Howard G.	Ingles, J. Duncan	Schofer, C. Edward
Carpenter, E. Kearney	Jameson, Fredric R.	Seaver, Paul S.
Cato, John D.	Johnson, L. Morris	Silver, Philip W.
Comfort, W. Wistar, II	Jones, Richard I.	Silver, Richard W.
Craig, Paul P.	Kahn, Stephen J.	Singh, Amar
Crawford, James D.	Kalodner, Howard I.	Steele, Edward M.
Darlington, William H.	Kaye, William G.	Stern, Albert F.
deBerry, Joseph G. T.	Kelly, John H.	Swihart, Stewart L.
Dunn, H. Michael	Kelsey, David H.	Taylor, Richard K.
Eagleton, S. John	Keyser, James M. B., Jr.	Thomas, E. J. Baylis
Euster, Roger	Kindig, Stephen J.	Thomas, T. Darrah
Farrell, Austin J.	Kittredge, John A. D.	Todd, George F., Jr.
Feeser, Robert P.	Klein, P. Richard	Trumper, John Y.
Felstiner, James P.	Koch, Heinz F.	Veneziale, Carlo M.
Finkelstein, Larry J.	Lengel, Lawrence M.	Walton, John G., 2nd
Frink, Orrin, 3rd	Lissfelt, Mark C.	Watson, William B.
Fry, Charles L., Jr.	MacDonald, Donald G.	Werner, Ervin R., Jr.
Furth, Montgomery T.	March, Robert M.	Wheaton, Dan A.
Gage, William H.	Matthews, Norman E.	White, Christopher
Gardner, Peter C.	Meads, William C.	Wilson, William C.
Garrity, John F., Jr.	Melcher, William P.	Winston, Rudolph, Jr.
Glattzer, Robert A.	Miller, Franklin R., Jr.	Wolf, Jean-Louis
Gontrum, Peter B.	Miller, Kenneth L., Jr.	Woll, Peter
Grimm, David L.	Muth, D. Frederick	Wren, John C.

## SOCIAL AND TECHNICAL ASSISTANCE

Andersen, George L.  
Bakke, Nancy B.  
Bean, Maurice D.  
Conlon, William L.  
Goodman, Selig

Motter, Joan C.  
Mullen, Wilbur E.  
Schachman, Raya  
Shito, Reijiro

Styche, Leonard G.  
Venet, Samuel N.  
von Miller, Christina  
Wuesthoff, Joyce

## SPECIAL STUDENTS

Janitschek, Hans W.

Kidney, Walter C., Jr.  
Leisse, Gerd M.

Little, Frank J., Jr.

## GRADUATE

Mayer, David P.



# COMMENCEMENT

1953

## PRIZES

The Clementine Cope Fellowships for 1953-54  
for graduate study at another institution  
have been awarded to

ROBERT THOMAS SEELEY, 1953, First

HUGO LEROY DEATON, 1953, Second

The Mathematics Department Prizes for Freshmen

First Prize.....DAVID G. S. GREENE, 1956

Second Prize.....LOUIS H. MILLER, 1956

The Alumni Prize for Composition and Oratory  
has been awarded to

PETER B. ROSENBERGER, 1955

The Scholarship Improvement Prizes for two Seniors who have shown  
the most steady and marked improvement in scholarship during the college  
course have been awarded as follows:

First Prize .....JOHN NORTON SMITH, JR., 1953

Second Prize .....ROBERT L. M. NEVITT, 1953

The Class of 1896 Prizes in Latin and Mathematics  
for Sophomores have been awarded to

PIERCE C. HAZELTON, 1955 — Latin

DAVID C. SUTTON, 1955 — Mathematics

The Lyman Beecher Hall Prize in Chemistry  
for Juniors, Seniors, or Graduates, who within three years of  
graduation expect to engage in research, has been awarded to

FREDERICK DEAN TABBUTT, 1953

The Founders Club Prize for the Freshman who has shown the best  
attitude toward college activities and scholastic work has been awarded to

WILLIAM M. PACKARD, 1956

The William Ellis Scull Prize  
for the upperclassman who shall have shown the  
"greatest achievement in voice and the articulation  
of the English Language" has been awarded to

AMAR SINGH, 1954

The George Peirce Prize in Chemistry or Mathematics offered exclusively  
for students who expect to engage in research has been awarded to

THOMAS DARRAH THOMAS, 1954

The Class of 1910 Poetry Prizes  
for the best verse written by a Haverford undergraduate during  
the year have been awarded equally to

THOMAS H. GOLDSMITH, 1953

PHILIP W. SILVER, 1954

The Class of 1902 Prize in Latin  
has been awarded to

JAMES R. SHUSTER, 1956

The Newton Prize in English Literature  
on the basis of Final Honors in English  
has been awarded to

THOMAS MINOR ANDERSON, JR., 1953

Philosophy Reading Prize to student who has done the most  
satisfactory outside reading in Philosophy  
has been awarded to

REGINALD EDGAR ALLEN, 1953

The Edmund Jennings Lee Prize, for that student organization which  
has done most to advance the interests of Haverford College during  
the current academic year has been awarded equally to

PUBLIC AFFAIRS ASSOCIATION

and

GLEE CLUB

# HONOR SOCIETIES

## PHI BETA KAPPA SOCIETY

The following members of the graduating class  
have been elected

ROBERT GILL LOGAN  
ROBERT THOMAS SEELEY  
REGINALD E. ALLEN  
HUGO L. DEATON  
FREDERICK JACKSON PIOTROW  
ARTHUR WILLIAM LEIBOLD  
HENRY WILLIAM MORRISON, JR.  
JOHN WILLIAMS LAMPERTI  
GORDON WERNER  
RICHARD ROBERTS LINGEMAN  
PHILIP ROGER STANSBURY  
JOHN FREDERIC BENTON  
JOEL MAXWELL BOCKOI

The following members of the Junior Class  
have been elected

FREDRIC RUFF JAMESON  
HOWARD ISAIAH KALODNER  
DAWSON FREDERICK MUTH  
MONTGOMERY THOMAS FURTH  
NORMAN EAKES MATTHEWS  
THEODORE GOODWIN BELOTE  
WILLIAM WISTAR COMFORT  
JAMES DOUGLAS CRAWFORD  
CHESTER TOWNSEND RUDDICK, JR.  
THOMAS DARRAH THOMAS  
JOHN HAGANS KELLY

## FOUNDERS CLUB

The following students were elected  
for merit in both studies and college activities:

### During 1951

EARL GRANT HARRISON, JR., 1954  
JOHN MILTON LEGGETT, 1953

### During 1952

JOHN FREDERIC BENTON, 1953  
DAVID HENRY CASKEY, 1953  
ARTHUR W. LEIBOLD, 1953  
HENRY WILLIAM MORRISON, JR., 1953  
PAULDING PHELPS, 1955  
FREDERICK JACKSON PIOTROW, 1953  
PHILIP GRAHAM VANCE, 1953

### During 1953

HARRY HAMMOND BAIR, 1953  
WILLIAM WISTAR COMFORT, II, 1954  
JAMES D. CRAWFORD, 1954  
ROBERT THEODORE CURRAN, 1953  
ROBERT P. FEESER, 1954  
MONTGOMERY T. FURTH, 1954  
RICHARD KEITLEY GUNDRY, 1953  
JOHN RAYMOND HITCHCOCK, 1953  
C. A. WAYNE HURTUBISE, JR., 1953  
L. MORRIS JOHNSON, 1954  
WILLIAM G. KAYE, 1954  
JOHN H. KELLY, 1954  
ANDREW LINSAY LEWIS, JR., 1953  
WILLIAM S. MASLAND, 1955  
NORMAN E. MATTHEWS, 1954  
ROBERT L. M. NEVITT, 1953  
WILLIAM M. PACKARD, 1956  
STEPHEN H. SACHS, 1954  
M. HUYETT SANGREE, JR., 1955  
ROBERT THOMAS SEELEY, 1953  
AMAR SINGH, 1954  
PHILIP ROGER STANSBURY, 1953  
FREDERICK DEAN TABBUTT, 1953  
LEWIS JONES THOMAS, JR., 1953

# HONORS

## HIGHEST HONORS

REGINALD EDGAR ALLEN, 1953.....Philosophy

## HIGH HONORS

JOHN FREDERICK BENTON, 1953.....History

HUGO LEROY DEATON, 1953.....Chemistry

JOHN WILLIAM LAMPERTI, 1953.....Mathematics

F. JACKSON PIOTROW, 1953.....German

HENRY WILLIAM MORRISON, 1953.....Political Science

ROBERT THOMAS SEELEY, 1953.....Mathematics

PHILIP ROGER STANSBURY, 1953.....Philosophy

JOHN NORTON SMITH, JR., 1953.....English

FREDERICK D. TABBUTT, 1953.....Chemistry

GORDON WERNER, 1953.....Economics

## HONORS

THOMAS MINOR ANDERSON, JR., 1953.....English

JOEL MAXWELL BOCKOL, 1953.....Chemistry

RICHARD D. BROBYN, 1953.....Chemistry

ROBERT THEODORE CURRAN, 1953.....History

JOSEPH SHERMAN DIBBLE, 1953.....Music

DANIEL ROLAND FASCIONE, 1953.....Psychology

MILTON MCCORMICK GATCH, JR., 1953.....English

DENNIS J. LAFER, 1953.....Chemistry

JOHN WILLIAM LAMPERTI, 1953.....Physics

RICHARD R. LINGEMAN, 1953.....Sociology

ROBERT GILL LOGAN, 1953.....Chemistry

ROBERT L. M. NEVITT, 1953.....English

JOHN MASON SOMERNDIKE, 1953.....Psychology

## HONORABLE MENTION

JAMES L. MCMASTERS, 1956.....English 12

LOUIS HOWARD MILLER, 1956.....Chemistry 13, 14

PAUL GENE NIEMARK, 1956.....Social Science 12

CARL ROBERT RUPPENTHAL, JR., 1956.....English 12

## BACHELORS OF ARTS

<p>REGINALD EDGAR ALLEN            THOMAS MINOR ANDERSON, JR.            JOHN FREDERIC BENTON            THOMAS NOEL BISSON            JOHN McDONALD BURGE, JR.            DAVID HENRY CASKEY            ROBERT JAMES COOTE            JOHN PITTS CORRY, JR.            ROBERT WILLIAM CRICHLOW, III            JEROME FRANCIS CROWLEY, JR.            ROBERT THEODORE CURRAN            JOSEPH SHERMAN DIBBLE            JAMES W. ERICSON            DANIEL ROLAND FASCIONE            KENNETH LEROY FERNANDEZ            FRANK J. FLANNERY, JR.            MILTON McCORMICK GATCH, JR.            THOMAS HOLMES GOLDSMITH            HOMER R. GOODALL            RICHARD KEITLEY GUNDRY            NORRIS HANSELL            JOHN CHARLES HARRIS            HERBERT WILBUR HICKMAN            JOHN RAYMOND HITCHCOCK            HERBERT ARTHUR HUENE            MITSUO IKEDA            MILTON HENRY ISAY, JR.            THEODORE JOHN KOPF            KARL WARD GRAHAM KUMM            RICHARD THATCHER LANE, JR.            JOHN WILLIAM LEDEBOER, JR.            JOHN MILTON LEGGETT            ARTHUR W. LEIBOLD            ANDREW LINDSAY LEWIS, JR.            RICHARD R. LINGEMAN            SOMERVELL LINTHICUM            JOHN EVERETT LODER</p>	<p>ROBERT GILL LOGAN            ROBERT STEERE MATTESON            KENNETH FORESTER McCURDY            LAWRENCE CHARLES MORRIS, JR.            HENRY WILLIAM MORRISON, JR.            GEORGE NASH            ROBERT LEVICK MORGAN NEVITT            T. MORRIS PEROT, IV            FREDERICK JACKSON PIOTROW            HARVEY EDWARD REED            ROBERT RICHARD REYNOLDS            EDWARD PERCY RICH            HARRY EDWARD RICHTER            C. EVANS ROBERTS, JR.            CHARLES NORRIS ROBINSON            G. DAVID SCHLEGEL            JOHN PETER SCHMITZ            MARK SEXTON            LABRON KAISER SHUMAN            JOHN NORTON SMITH, JR.            PHILIP ROGER STANSBURY            JOHN EDWIN STEELY, JR.            JOSEPH HENRY STEIN, JR.            GEORGE CALVIN STULTING            HOWARD GARDINER TAYLOR, III            Hsin-YUAN T'IEN            JOHN RICHARD TOMEK            PHILIP GRAHAM VANCE            JAMES HIXON VAN SICKLE            GORDON WERNER            WILLIAM ADAMS WIGHTMAN            MITCHELL WINN            PETER HODGSON WOOD            RICHARD REEVE WOOD, JR.            THOMAS ATHERHOLT WOOD            ROBERT KAISER YOUNG</p>
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As of June 6, 1952

<p>ROBERT GEORGE BUTLER, III            LAWRENCE MARVIN LEONARD</p>	<p>ERIC LOEB            PETER OLIVER</p>
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## BACHELORS OF SCIENCE

ADOLPHUS REID ALLISON, JR.	JOSEPH EARLEY HELWEG, JR.
R. SCOTT ANDERSON	JON K. HILLIS
HARRY HAMMOND BAIR	BRUCE Z. HOLLMANN
JOEL M. BOCKOL	C. A. WAYNE HURTUBISE, JR.
RICHARD D. BROBYN	JOHN WALTER KING
ELMER BUZBY CARTER	DENNIS JOSEPH LAFER
DAVID VILBERT CLARK	JOHN WILLIAM LAMPERTI
RICHARD HOWELL CORSON	NORMAN DEWOLFE MATTSON
WILLIAM BROWNING DAVIS, JR.	DAVID PAUL MAYER
HUGO LEROY DEATON	FREDERICK W. MILLSPAUGH, JR.
LEO DVORKEN	ROBERT CRIST SCHERER
RAYMOND LOUIS FALGE, JR.	ROBERT THOMAS SEELEY
WILLIAM WALLACE FITHIAN, JR.	JOHN MASON SOMERNDIKE
EDSON LEE FORKER	FREDERICK DEAN TABBUTT
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## MASTERS OF ARTS — S.T.A. CURRICULUM

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 BARBARA ANN BROCKWAY (A.B. Vassar College)  
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 FRANK HENDERSON WOOD (A.B. Harvard University)  
 HIROTO ZAKOJI (A.B. University of Oregon)

## MASTER OF ARTS

DANIEL N. HOFFMAN (B.A., Columbia University, 1948)

*Thesis:* "The Religious Motivation of the American Friends Service Committee and the American Jewish Joint Distribution Committee."

## MASTERS OF SCIENCE

PHILIP JAMES FLANDERS (S.B., Haverford, 1951)

*Research:* "Electronic Circuits in Theory and Practice."

AUSTIN COMLY HOOD (S.B., Alderson-Broadbuss College, 1950)

*Research:* "A Study of Formation of Organic Molecular Compounds."

EDWARD WILLIAM WESTHEAD, JR. (S.B., Haverford, 1951)

*Research:* "Identification of Organic Substances by means of Addition Compounds."



## Students Enrolled in February





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# HAVERFORD COLLEGE BULLETIN



1954-1955

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VOLUME LV

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# 1954

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
<b>Sept.</b>					1	2	3	4	<b>Nov.</b>			1	2	3	4	5	6
		5	6	7	8	9	10	11			7	8	9	10	11	12	13
		12	13	14	15	16	17	18			14	15	16	17	18	19	20
		19	20	21	22	23	24	25			21	22	23	24	25	26	27
		26	27	28	29	30					28	29	30				
<b>Oct.</b>							1	2	<b>Dec.</b>					1	2	3	4
		3	4	5	6	7	8	9			5	6	7	8	9	10	11
		10	11	12	13	14	15	16			12	13	14	15	16	17	18
		17	18	19	20	21	22	23			19	20	21	22	23	24	25
		24	25	26	27	28	29	30			26	27	28	29	30	31	
	31																

# 1955

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
<b>Jan.</b>								1	<b>April</b>							1	2
		2	3	4	5	6	7	8			3	4	5	6	7	8	9
		9	10	11	12	13	14	15			10	11	12	13	14	15	16
		16	17	18	19	20	21	22			17	18	19	20	21	22	23
		23	24	25	26	27	28	29			24	25	26	27	28	29	30
	30	31															
<b>Feb.</b>				1	2	3	4	5	<b>May</b>		1	2	3	4	5	6	7
		6	7	8	9	10	11	12			8	9	10	11	12	13	14
		13	14	15	16	17	18	19			15	16	17	18	19	20	21
		20	21	22	23	24	25	26			22	23	24	25	26	27	28
		27	28								29	30	31				
<b>March</b>				1	2	3	4	5	<b>June</b>					1	2	3	4
		6	7	8	9	10	11	12			5	6	7	8	9	10	11
		13	14	15	16	17	18	19			12	13	14	15	16	17	18
		20	21	22	23	24	25	26			19	20	21	22	23	24	25
		27	28	29	30	31					26	27	28	29	30		

College days in heavy-face type



# Calendar

1954-1955

Registration of all new students .....	September 20-21
Beginning of College year with Collection, 9 A.M. ....	September 22
Registration of returning students to be filed by 4 P.M. ....	September 22
First semester classes begin 8 A.M. ....	September 23
Thanksgiving vacation (dates inclusive) 1 P.M. ....	November 24-28
Major Registration cards for men in the fourth term must be filed by 4 P.M. ....	December 8
Registration (Spring Term) .....	December 14, 15, 16
Christmas vacation (dates inclusive) 12 noon .....	December 18-January 2
First Semester classes end, 4 P.M. ....	January 13
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive) .....	January 12-15
Mid-year examinations (dates inclusive)** .....	January 17-29
Second semester classes begin 8 A.M. ....	January 31
Applications for Fellowships for the following year must be filed by .....	March 1
Spring vacation (dates inclusive) 12 noon .....	March 26-April 3
Major Registration cards for men in the fourth term must be filed by 4 P.M. ....	April 13
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M. ....	May 2
Registration (Fall Term) .....	May 3, 4, 5
Second Semester classes end 12 noon .....	May 14
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive) .....	May 16-19
Final examinations (dates inclusive)** .....	May 19-June 1
Commencement .....	June 3

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\*If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. of the fourth day preceding the end of the examination period. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

\*\*Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. of the fourth day preceding the end of the examination period.

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Moorestown, N. J.

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1411 Walnut Street, Philadelphia 2, Pa.

JOHN F. GUMMERE, *Secretary*  
W. School Lane and Fox Street, Philadelphia 44, Pa.

WM. NELSON WEST, 3RD, *Assistant Secretary*  
1300 Packard Building, Philadelphia 2, Pa.

---

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THOMAS B. HARVEY . . . . . 50 W. Wilkey Street, Philadelphia 23, Pa.  
WILMOT R. JONES . . . . . Alapocas Drive, Wilmington, Del.

### *Term Expires 1955*

WILLIAM E. CADBURY . . . . . R.D. #2, West Chester, Pa.  
HENRY C. EVANS . . . . . 635 Manatawna Avenue, Philadelphia 28, Pa.  
TIMOTHY P. HAWORTH . . . . . 3-C Morris Court Apts., Merchantville, N. J.

### *Term Expires 1956*

WILLIAM Y. HARE . . . . . Lincoln Liberty Building, Philadelphia 7, Pa.  
ROGER SCATTERGOOD . . . . . Awbury, Germantown, Philadelphia 38, Pa.  
ALEXANDER C. WOOD, JR. . . . . 48, The Bourse, Philadelphia 6, Pa.

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JOHN F. GUMMERE, *Secretary* . . . . . W. School Lane and Fox St., Philadelphia 44, Pa.

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JOHN A. SILVER . . . . . Apple Hill Farm, Pipersville, Pa.  
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H. JUSTICE WILLIAMS . . . . . 901 Provident Trust Building, Philadelphia 3, Pa.  
DANIEL SMILEY . . . . . Mohonk Lake, N. Y.  
\*THEODORE WHITTELSEY, JR. . . . . 986 Railroad Avenue, Bryn Mawr, Pa.  
\*DONALD E. WILBUR . . . . . 115 Pennsylvania Avenue, Bryn Mawr, Pa.

### *Term Expires 1955*

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JONATHAN M. STEERE . . . . . 2517 Girard Trust Building, Philadelphia 2, Pa.  
STANLEY R. YARNALL . . . . . 5337 Knox Street, Philadelphia 44, Pa.  
DR. HENRY M. THOMAS, JR. . . . . 314 Overhill Road, Baltimore 10, Md.  
ALEXANDER C. WOOD, JR. . . . . 48, The Bourse, Philadelphia 6, Pa.  
HAROLD EVANS . . . . . 1000 Provident Trust Building, Philadelphia 3, Pa.  
\*ROBERT A. LOCKE . . . . . 1207 Land Title Building, Philadelphia 10, Pa.  
RUSSELL W. RICHIE . . . . . 1212 Market Street, Philadelphia 7, Pa.  
DR. JOSEPH STOKES, JR. . . . . 1740 Bainbridge Street, Philadelphia 46, Pa.

### *Term Expires 1956*

M. ALBERT LINTON . . . . . 4601 Market Street, Philadelphia 39, Pa.  
EDWARD WOOLMAN . . . . . Haverford, Pa.  
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GARRETT S. HOAG . . . . . 10 Post Office Square, Boston 9, Mass.  
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\*JAMES M. HOUSTON . . . . . 717 Oliver Building, Pittsburgh 22, Pa.  
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## Faculty Representatives on Board of Managers

*Term Expires 1955*

HERMAN M. SOMERS

*Term Expires 1956*

HOLLAND HUNTER

*Alternates, 1954-55: H. FIELD HAVILAND, JR. and LAURENCE W. WYLIE*

\*Alumni Representative Manager.

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DR. S. EMLÉN STOKES

### *Secretary of Board*

WM. NELSON WEST, 3RD

1300 Packard Building, Philadelphia 2, Pa.

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### *Committee on Honorary Degrees*

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### *Counsel*

MACCOY, EVANS AND LEWIS

1000 Provident Trust Building

Philadelphia 3, Pa.

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- WILLIAM WISTAR COMFORT . . . . . *President, Emeritus*  
A.B., A.M. and LL.D., Haverford College; A.M. and Ph.D. Harvard University;  
Litt.D., University of Pennsylvania; LL.D., University of Maryland and Lake  
Forest College.
- LEGH WILBER REID . . . . . *Professor of Mathematics, Emeritus*  
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ton University; Ph.D., University of Göttingen.
- ALBERT HARRIS WILSON . . . . . *Professor of Mathematics, Emeritus*  
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- FREDERIC PALMER, JR. . . . . *Professor of Physics, Emeritus*  
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- FRANK DEKKER WATSON . . . . . *Professor of Sociology and Social Work, Emeritus*  
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- ABRAHAM PEPINSKY . . . . . *Professor of Psychology, Emeritus*  
A.B. and A.M., University of Minnesota; Ph.D., State University of Iowa.  
*(The active members of the Faculty are arranged in the order of their  
appointment to their present rank. Two or more appointed in  
the same year are listed in alphabetical order.)*
- WILLIAM BUELL MELDRUM . . . . . *John Farnum Professor of Chemistry*  
B.A. and M.Sc., McGill University; Ph.D., Harvard University.
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\* Absent on leave, 1954-55.

\*\* Absent on leave, first semester.

- RICHARD MANLIFFE SUTTON . . . . . *Professor of Physics*  
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\* Absent on leave, 1954-55.

\*\* Absent on leave, second semester.

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- FRANK JOSEPH QUINN . . . . . *Assistant Professor of English Literature*  
 B.A., Oxford University.
- ARIEL GIDEON LOEWY . . . . . *Assistant Professor of Biology*  
 B.S. and M.S., McGill University; Ph.D., University of Pennsylvania.
- ROBERT LOUIS CONNER . . . . . *Assistant Professor of Biology*  
*on joint appointment with Bryn Mawr College*  
 A.B., Washington University; Ph.D., Indiana University.

\* Absent on leave, 1954-55.

- DOUGLAS HAMILTON HEATH . . . . . *Assistant Professor of Psychology*  
A.B., Amherst College; A.M. and Ph.D., Harvard University.
- AARON LEMONICK . . . . . *Assistant Professor of Physics*  
A.B., University of Pennsylvania; A.M., Princeton University.
- RICHARD MARION RUSH . . . . . *Assistant Professor of Chemistry*  
A.B., Princeton University; M.S. and Ph.D., University of Virginia.
- ANDREW MACKEY SCOTT . . . . . *Assistant Professor of Political Science*  
A.B., Dartmouth College; M.P.A., M.A., Ph.D., Harvard University.
- ROBERT JOEL WISNER . . . . . *Assistant Professor of Mathematics*  
B.S. and M.S., University of Illinois; Ph.D., University of Washington.
- † HERBERT WILLIAM TAYLOR . . . . . *Lecturer in Hygiene*  
A.B., Haverford College; M.D., University of Pennsylvania.
- MARTIN FOSS . . . . . *Lecturer in Philosophy*  
LL.D., University of Jena.
- CLARENCE EVAN PICKETT . . . . . *Lecturer in Christian Ethics*  
A.B., Penn College; B.D., Hartford Theological Seminary; LL.D., Haverford College; LL.D., Earlham College.
- HENRY JOEL CADBURY . . . . . *Lecturer in Quakerism*  
A.B. and Litt.D., Haverford College; A.M. and Ph.D., Harvard University; D.D., University of Glasgow; LL.D., Whittier College.
- LEONIDAS LEVENBOOK . . . . . *Lecturer in Biology, 1953-54*  
B.S., London University; Ph.D., Cambridge University.
- ALFRED GILBERT STEER, JR. . . . . *Instructor in German*  
A.B., Haverford College; A.M., Duke University; Ph.D., University of Pennsylvania.
- HENRY HORNIK . . . . . *Instructor in French*  
A.B. and A.M., University of Pennsylvania.
- JOHN RICHARD CARY . . . . . *Instructor in German*  
A.B., Haverford College; Ph.D., Johns Hopkins University.
- CRAIG DUNLAP CULBERT . . . . . *Instructor in Chemistry*  
B.S., Haverford College; M.A., Temple University.
- ROBERT MARLOWE DURLING . . . . . *Instructor in English*  
A.B. and A.M., Harvard University.
- ROBERT HARRIS WALKER, JR. . . . . *Instructor in Public Speaking*  
B.S., Northwestern University; A.M., Columbia University.
- NORMAN BARGE BRAMALL . . . . . *Assistant in Physical Education*
- RAYMOND TAYLOR BRAMALL . . . . . *Assistant in Physical Education*  
B.S., M.S. and Ed.D., University of Pennsylvania.
- NORMAN MONTGOMERY WILSON . . . . . *Assistant in Engineering*
- HEINZ F. KOCH . . . . . *Assistant in Chemistry*  
B.S., Haverford College.
- FRITZ JANSCHKA . . . . . *Artist in Residence, Bryn Mawr College*  
Akademie der Bildenden Künste, Vienna.
- DAVID SHOEMAKER RICHIE . . . . . *Adviser in Work Camp Program*  
S.B., Haverford College.
- FORREST DUANE COMFORT . . . . . *Counsellor in Remedial Reading*  
A.B., Penn College; A.M., Haverford College; Ed.M., Harvard University.

The Vice-Presidents, the Dean and the Comptroller are members of the Faculty.

† Deceased.



# Visiting Faculty on the Philips Fund

1953-54

- \*HARRISON BROWN, B.S., Ph.D.  
Professor of Geochemistry, California Institute of Technology.
- GEORGE BROCK CHISHOLM, M.D.  
Former Director-General, World Health Organization.
- CHARLES A. COULSON, M.A., D.Sc., F.R.S.  
Rouse Ball Professor of Applied Mathematics, Oxford University.
- \*W. STERLING COLE, A.B., LL.B.  
Chairman of the Joint Committee on Atomic Energy of the House and Senate.
- \*\*HAVEN EMERSON, M.D.  
Emeritus Professor of Public Health, Columbia University.
- \*ENRICO FERMI, D.Sc.  
Distinguished Service Professor of Physics, University of Chicago.
- FRANCOIS GOGUEL  
Executive Officer, Conseil de la République.
- PHILIP NOEL-BAKER, B.A.  
Member of Parliament from Derby.
- \*\*HOWARD A. RUSK, M.D.  
Department of Rehabilitation and Physical Medicine, New York University.
- \*WILLIAM P. SHEPARD, M.D.  
Vice-President, Metropolitan Life Insurance Company.
- \*MARTIN SCHWARZSCHILD, Ph.D.  
Higgins Professor of Astronomy, Princeton, University.
- \*GLENN THEODORE SEABORG, A.B., Ph.D.  
Professor of Chemistry, University of California.
- \*JOSEPH STOKES, JR., M.D., Sc.D.  
Physician-in-Charge, Children's Hospital of Philadelphia.
- JAN TINBERGEN, D.Phys.  
Director, The Netherlands Central Government Planning Board.
- ALBERT WILLIAM TUCKER, A.B., A.M., Ph.D.  
Professor of Mathematics, Princeton University.
- \*WALTER H. ZINN, B.A., Ph.D.  
Director, Argonne National Laboratory.
- \*RAYMOND E. ZIRKLE, A.B., Ph.D.  
Institute of Radiobiology and Biophysics, University of Chicago.

1954-55

(Preliminary)

- LUDWIG BIERMANN, Ph.D.  
Institute for Physics, Gottingen University.
- NEILS BOHR, D.Sc., Ph.D.  
Institute for Theoretical Physics, Copenhagen.
- EDWARD C. G. BOYLE, B.A.  
Member of Parliament.
- OTTO KLINEBERG, M.D., Ph.D.  
Director, Division of Social Sciences, U.N.E.S.C.O.
- MARGARET MEAD, B.A., Ph.D., Sc.D., LL.D.  
Associate Curator, American Museum of Natural History.
- ANDRÉ PHILIP.  
Chairman, European Youth Movement.
- SARVEPALLI RADHAKRISHNAN, M.A., LL.D.  
Vice President of India.

- 
- \*Lecturer in series on Nuclear Science.  
\*\*Lecturer in series on Frontiers in Medicine.

## Administration

- GILBERT FOWLER WHITE ..... *President*  
 S.B., S.M. and Ph.D., University of Chicago; LL.D., Hamilton College.
- ARCHIBALD MACINTOSH ..... *Vice-President and Director of Admissions*  
 A.B., Haverford College; A.M., Columbia University; Ph.D., University of Pennsylvania.
- LESTER CORNERIUS HAWORTH ..... *Vice-President*  
 S.B., Earlham College.
- WILLIAM EDWARD CADBURY, JR. .... *Dean*  
 S.B. and A.M., Haverford College; Ph.D., University of Pennsylvania.
- MRS. EDYTHA M. CARR ..... *Registrar*
- ALDO CASELLI ..... *Comptroller and Business Manager*  
 D.S.E. and C., University of Naples.
- JOHN ASHBY LESTER, JR. .... *Librarian*  
 S.B., Haverford College; A.M. and Ph.D., Harvard University.
- THOMAS EDWARD DRAKE ..... *Curator of the Quaker Collection*  
 A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- WILLIAM WOLTER LANDER ..... *Physician in Charge*  
 S.B., Ursinus College; M.D., University of Pennsylvania.
- MABEL SYLVIA BEARD ..... *Resident Nurse*  
 R.N., Lankenau Hospital.
- LOUIS CRAIG GREEN ..... *Director of the Strawbridge Memorial Observatory*  
 A.B., A.M. and Ph.D., Princeton University.
- MRS. MIRIAM R. NUGENT ..... *Dietitian*  
 B.S., New York University.
- BENNETT SMEDLEY COOPER ..... *Alumni Secretary and Assistant to the President*  
 S.B., Haverford College.
- GERTRUDE MANN WONSON ..... *Admissions Office*  
 S.B., Simmons College.
- MRS. ALICE M. BERRY ..... *Secretary to the President*
- MRS. MARIS M. OGDEN ..... *Secretary to the Dean*  
 A.B., Rosemont College.

## Standing Committees of the Faculty and Administration

The President and the Vice-Presidents are ex-officio members of all committees. The President, the three elected divisional representatives of the Faculty, the Vice-Presidents and the Dean compose the Academic Council. Under the chairmanship of the President this body meets occasionally to consider student petitions and matters of college policy. The elected members for 1954-55 are Messrs. Gordon (Social Sciences), Benfey (Natural Sciences), and Snyder (Humanities).

ACADEMIC STANDING: Mr. Docherty, *Chairman*.

Messrs. Heath, James, Snyder, Woodroofe.

ADMISSIONS: Mr. MacIntosh, *Chairman*.

Messrs. Ashmead, Flight, Quinn.

CURRICULUM AND COLLEGE PROGRAM: Mr. Haviland, *Chairman*.

Messrs. Ashmead, Bell, W. Cadbury, Kelly, Oakley, Pfund.

FACULTY COMPENSATION: Mr. Teaf, *Chairman*.

Messrs. Benham, Cornman, Lester, Oakley, Rush.

FELLOWSHIPS AND PRIZES: Mr. Somers, *Chairman*.

Messrs. H. Comfort, Durling, Foss, Sutton.

GRADUATE CURRICULUM IN SOCIAL & TECHNICAL ASSISTANCE:

Mr. Hertz, *Chairman*.

Messrs. H. Cadbury, Hunter, Pfund, Pickett, Reid, Teaf.

GRADUATE STUDENTS: Mr. Meldrum, *Chairman*.

Messrs. Drake, Dunn.

LIBRARY: Mr. Wylie, *Chairman*.

Miss deGraaff, Messrs. Friedrich, Gordon, Loewy, MacCaffrey, Parker, Post.

NON-ACADEMIC INSTRUCTION: Mr. Woodroofe, *Chairman*.

Messrs. Benfey, Bernheimer, Gutwirth, Reese, N. Wilson.

PHILIPS' VISITORS: Mr. Green, *Chairman*.

Messrs. Gutwirth, Scott.

STUDENT AFFAIRS: Mr. Campbell, *Chairman*.

Messrs. Asensio, Borton, Greer, Holmes, Lemonick, Phelps, Randall, Wisner.



THE COLLEGE PROGRAM



## Haverford College

AS A QUAKER COLLEGE, Haverford stresses in its educational policy the importance of personal and social ideals. In the past, this concern has been expressed through Fifth Day Meeting and Collection, rather than in any formal way in the requirements for the degree. Recent changes in faculty policy, however, have put a heavier emphasis on philosophic and evaluative courses within the academic curriculum itself. The College is not satisfied with scholarship and intellectual expertness alone, though it values highly these qualities; in its new plans, Haverford will stress increasingly the importance of sound ethical judgment based upon clear perception of individual and social aims.

In its curricular work, Haverford insists on a high standard of achievement. The College's selective admissions policy brings together a varied group of promising young men in each Freshman class. A reasonably high aptitude for academic work is an essential prerequisite, but selection is made also with qualities of personality and character in mind. In its strictly academic work, the College stresses intellectual integrity, independence of judgment, the imaginative grasp of interrelationships, and the capacity to do independent work. Mastery of facts and of the techniques of research is always important, but even more so is the desire and moral capacity to use these skills for worthwhile ends.

Haverford believes that desirable qualities can be cultivated in the classroom and laboratory but that this process can be supplemented and strengthened by a sound program of student government and extracurricular activities. The non-academic program is calculated to encourage growth in a sense of responsibility for constructive community service, in the appreciation of beauty, and in certain creative skills not properly included in the curriculum itself. The meditative silence of Fifth Day Meeting continues, as always, to make an important contribution to the spiritual development of Haverford men.

From the beginning these aims have been important in Haverford's educational program; the changes now in effect are intended to increase their importance in the curricular work of the College.

## History

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.



During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$10,000,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited to approximately 450 in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

## Admission

THE POLICY of Haverford College is to admit to the Freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to undergraduate life. Due regard is given not only to scholarly attainment, as shown by examination and by school record, but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with the Director of Admissions or another administrative officer. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a carefully selected and comparatively small student organization. On the basis of all information available — College Board reports, school record, class standing, evidence touching on character and personality — the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. Those who, on entrance, show marked proficiency in certain subjects will be permitted to take courses usually not open to Freshmen; in such cases, however, the number of courses required for a degree will not be diminished.

Each applicant for admission must take the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board. The English Achievement Test is required, but a candidate may choose the other two tests. If there is any doubt about the choice of the two tests, he should consult the Director of Admissions. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition, the applicant must obtain blank forms from the College, on which he must submit his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units\* of work.

\* A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work.

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry, and three years of a foreign language. Cases involving divergence from the requirements should be discussed with the Director of Admissions. The remaining units will be drawn from laboratory science, social science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not usually listed, provided he shows proficiency which indicates an amount of study and intellectual effort commensurate with that required in other subjects. The subject chosen must have the approval of the Admissions Committee.

### Information Concerning College Entrance Board Tests

The College Entrance Examination Board will hold a complete series of examinations on each of the following dates during the academic year 1954-1955:

Saturday, December 4, 1954	Saturday, March 12, 1955
Saturday, January 8, 1955	Saturday, May 21, 1955
Wednesday, August 10, 1955	

On each of the dates listed above, the schedule of tests will be as follows:

8:45 A.M.—Scholastic Aptitude Test (Verbal and Mathematical Sections)

1:45 P.M.—Achievement Tests—Candidates may not take more than three of the following:

English Composition	Advanced Mathematics
Social Studies	Biology
French Reading	Chemistry
German Reading	Intermediate Mathematics
Latin Reading	Physics
Spanish Reading	

In addition, at the March, 1955, series only, Achievement Tests in Greek Reading and Italian Reading will be offered, but only to candidates who register in advance specifically for these tests.

The schedule permits a candidate to take the morning Scholastic Aptitude Test and a maximum of three of the afternoon Achievement Tests.

Copies of the Bulletin of Information may be obtained without charge from the College Entrance Examination Board. The Bulletin contains rules regarding applications, fees, and reports; rules for the conduct of the tests, advice to candidates, descriptions of the tests, sample questions, and lists of examination centers.

Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take the examinations in any of the following States, territories, or foreign areas should address their inquiries and send their applications to College Entrance Examination Board, P. O. Box 9896, Los Feliz Station, Los Angeles 27, California:

Arizona	New Mexico	Territory of Hawaii
California	Oregon	Province of Alberta
Colorado	Utah	Province of British Columbia
Idaho	Washington	Republic of Mexico
Montana	Wyoming	Australia
Nevada	Territory of Alaska	Pacific Islands, including Japan and Formosa

Candidates applying for examination in any State or foreign area not given above should write to College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey.

Haverford prefers that its candidates take the March series of College Board examinations, but it will accept the December or January series if a candidate wishes to take them at those times.

Application forms will be sent to any candidate upon request. When ordering the forms candidates must state whether they wish applications for the December, January, March, May or August tests. Application forms for the December tests will be available early in the fall; those for the January tests will be ready for distribution about November 20, those for the March series, about January 3; forms for the other two series will be available immediately after the preceding series has been held. A copy of the Bulletin of Information is routinely sent to every candidate requesting an application blank.

Each application submitted for registration must be accompanied by the examination fee. A detailed schedule of fees follows:

Scholastic Aptitude Test and one, two or three	
Achievement Tests .....	\$12.00
Scholastic Aptitude Test only .....	6.00
One, two or three Achievement Tests only .....	8.00

All applications and fees should reach the appropriate office of the Board not later than the dates specified below:

<i>Date of Tests</i>	<i>For examination centers located</i>	
	<i>in the United States, Canada, Alaska, Hawaii, the Canal Zone, Mexico, or the West Indies</i>	<i>in Europe, Asia, Africa, Central and South America, and Australia</i>
December 4, 1954	November 13	October 16
January 8, 1955	December 14	November 20
March 12, 1955	February 19	January 22
May 21, 1955	April 30	April 2
August 10, 1955	July 20	June 22

Applications received after these closing dates will be subject of a penalty fee of three dollars in addition to the regular fee.

Candidates are urged to send in their applications and fees as early as possible, preferably at least several weeks before the closing date, since early registration allows time to clear up possible irregularities which might otherwise delay the issue of reports. Under no circumstances will an application be accepted if it is received at either of the Board offices later than one week prior to the date of the examination. No candidate will be permitted to register with the supervisor of an examination center at any time. Only properly registered candidates, holding tickets of admission to the centers at which they present themselves, will be admitted to the tests. Requests for transfer of examination center cannot be considered unless these reach the Board offices one week prior to the date of the examination or earlier.

The Board will report the results of the tests to the institutions indicated on the candidates' applications. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

### Advanced Standing

Since Haverford offers an integrated education, admission with advanced standing is ordinarily granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses, with his record therein.

## Financial Arrangements

### Rooms

ENTERING FRESHMEN are assigned the rooms available after the other classes have made their choice. It is not always possible to meet the desire of Freshmen for the cheapest rooms. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. New students will be notified of the rooms assigned to them by means of a list available in Roberts Hall. The choice of rooms by other students is governed by published rules.

A deposit of \$35 is required of all new students at the time they are notified of their admission. A similar deposit is required also of those students who have not been in attendance at the College during the immediately preceding semester. This amount will be deducted from the bill for the following year. If the student fails to present himself at the beginning of the semester for which he has been enrolled, the deposit will be forfeited.

Students are expected to treat College property with the same consideration as their own. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

### Expenses

The tuition charge for all regular students is \$675.00 for the academic year. Tuition for special students is \$100.00 per course, per semester. The board is \$13.75 per week, and room rent ranges from \$150.00 to \$240.00 per year, according to the location of the room. The Unit Fee is \$85.00 per year. Charges are subject to alteration by the Board of Managers.

The room charges include heat, electric light, service, and the use of necessary bedroom furniture, i.e., a bureau, table, chair, study lamp, and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels.

The College requires that bills rendered August 15 and January 15 for the following semester's tuition, board, room, unit fee, and deposits be paid in full before the beginning of the semester.

In order to avoid last minute congestion, it is suggested that bills be paid by mail in advance. Upon receipt of payment, registration cards will be

released by the Comptroller's Office to the Registrar, and students, except Freshman or transfer students, need not report at the Office of the Comptroller.

The Unit Fee includes the following: Student activities fee, laboratory fees, health fee, accident insurance (a maximum of \$500.00 within one year of each accident), diploma, and psychological tests when required by the College. Students who are insured at home on a blanket accident policy, for no less than \$500.00 per accident, will be granted a reduction from the unit fee equal to the premium the College would pay to the insurance carrier, on condition that their personal accident policy covers all accidents without any exclusion whatsoever, and that medical expenses incurred as result of an accident be paid the student, who in turn will present his claim to his insurance carrier.

The College requires a \$40.00 deposit to cover the cost of books and any other incidental charges which may arise during the school year. At intervals during the year, a bill for the actual charges made will be sent to the student. If this bill, or any other indebtedness, is not paid by the end of the semester, credits will not be granted for the work performed. Any unspent balance is refunded at the end of the academic year.

Resident veterans in training under Public Law 550 will be required to pay for their tuition on the first day of each semester unless they have presented satisfactory evidence that they have complied with the appropriate regulations of the Veterans Administration.

No reduction or refund of the tuition charge will be made after the first two weeks of any semester. If a student withdraws before the completion of the first two weeks, there will be a complete refund of his tuition. In case of illness or absence for any reason from the College, for four weeks or more, there will be a prorated refund of board. In case of withdrawals at any time, there will be no reduction of room rent for the semester unless the same room is re-rented, in which case the withdrawn occupant will receive the amount paid to the College by the new occupant. The unit fee cannot be refunded for any reason.

### College Responsibility

The College is not responsible for loss due to fire, theft, or any other cause. Students who wish to cover the fire risk may apply for information at the Office of the Comptroller.

### Monthly Payments

Because some parents may prefer to pay tuition and other College fees in equal monthly installments during the academic year, the College is glad to



offer this convenience under The Tuition Plan. The cost is 4% greater than when payment is made in cash at the beginning of each semester.

### **Student Loan Fund**

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their College course.

For information apply at the Office of the Comptroller.

### **Student Aid**

In addition to the Student Loan Fund and to scholarship help, the College offers students the opportunity to work at standard rates in the library and as clerical assistants to faculty and administrative officers of the College. Appointments are made from a list of eligible students prepared by Vice-President MacIntosh.

## Scholarships

SCHOLARSHIPS are awarded on a basis of merit and individual need. While no scholarship is given for more than one year, it is the practice to continue the scholarship if a student's scholastic performance has been satisfactory and his need remains constant.

No scholarship will be given to a student who has a failure against him at the time of application.

No scholarship will be given to a student whose previous college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1955-1956, together with supporting letters from parents or guardians, should be in the hands of Vice-President MacIntosh before April 15, 1955.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

**CORPORATION AWARDS.**—Four Corporation Scholars will be chosen in each class. In the senior, junior and sophomore classes the selection will be made on the basis of the highest general averages for the preceding year. In the freshman class the selection will be made after the May College Board Examinations (see page 24). Each man will be awarded \$50. in books. No application for these awards is necessary.

### The Endowed Scholarships

It is not necessary for applicants to mention specific scholarships in their applications save in those cases where they meet the special conditions stated for the award.

I. ISAIAH V. WILLIAMSON SCHOLARSHIPS.—Three scholarships, usually awarded to members of the Senior and Junior classes.

II. RICHARD T. JONES SCHOLARSHIP.—One scholarship.

III. EDWARD YARNALL SCHOLARSHIP.—One scholarship.

IV. THOMAS P. COPE SCHOLARSHIP.—One scholarship.

V. SARAH MARSHALL SCHOLARSHIP.—One scholarship.

VI. MARY M. JOHNSON SCHOLARSHIP.—One scholarship.

VII. ISAAC THORNE JOHNSON SCHOLARSHIP.—One scholarship, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

VIII. CASPAR WISTAR MEMORIAL SCHOLARSHIP.—One scholarship, available preferably for sons of parents engaged in Christian service (including secretaries of Young Men's Christian Associations) or students desiring to prepare for similar service in America or other countries.

IX. LOUIS JAQUETTE PALMER MEMORIAL SCHOLARSHIP.—This scholarship is awarded on application, preferably to a member of the Freshman Class who, in the opinion of a committee representing the donors and the President of the College, shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

X. J. KENNEDY MOORHOUSE MEMORIAL SCHOLARSHIP.—One scholarship, intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living."

XI. PAUL W. NEWHALL MEMORIAL SCHOLARSHIP.—One scholarship.

XII. ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIPS.—Two or more scholarships, preference to be given to "a native of New York or Connecticut who now resides in one of those States."

XIII. SAMUEL E. HILLES MEMORIAL SCHOLARSHIP.—One scholarship.

XIV. CLASS OF 1913 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XV. ISAAC SHARPLESS SCHOLARSHIP FUND.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XVI. CLASS OF 1917 SCHOLARSHIP.—One scholarship, preference to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XVII. THE GEOFFREY SILVER MEMORIAL SCHOLARSHIP.—One scholarship, available to a Public School graduate in this general area who may enter Haverford.

XVIII. DANIEL B. SMITH SCHOLARSHIP.—One scholarship, awarded "in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of Benjamin R. Smith, if any such should apply."

XIX. SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND.—Founded November 1, 1943, by bequest of \$75,534.58 from Joseph T. Hilles, Class of 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; to be awarded by the Managers to "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.'"

XX. ELIHU GRANT MEMORIAL SCHOLARSHIP FUND.—Two or more scholarships, established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental subjects." In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College.

XXI. JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXII. JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty "to some student or students preparing for medicine, the selection to be based on character, scholarship and financial need."

XXIII. DANIEL E. DAVIS, JR. MEMORIAL SCHOLARSHIP.—One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIV. CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP.—One scholarship, established June 13, 1946, by Mrs. Madeleine Seabury Febiger in memory of

her husband, Christian Febiger, of the Class of 1900. The income of this fund is applied in paying tuition and other college expenses of worthy, needy students.

XXV. THE W. W. COMFORT FUND.—This fund was established in 1947 by the Haverford Society of Maryland. Grants from this fund are made with the understanding that the recipient shall, at an unstated time after leaving college, repay to the fund the amount which he received while an undergraduate.

XXVI. JONATHAN M. STEERE SCHOLARSHIP FUND.—Established in December 1948 by Jonathan M. Steere, of the Class of 1890. The scholarship is intended primarily for a graduate of Moses Brown School, Providence, Rhode Island, who shall be a member of the Society of Friends.

XXVII. WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP.—Founded in 1949 in memory of William Graham Tyler, of the Class of 1858. Preference shall be given to students from Oskaloosa, Iowa, or from William Penn College, on the basis of character, scholarship and financial need.

XXVIII. MAX LEUCHTER MEMORIAL SCHOLARSHIP.—Established in December, 1949, in memory of Max Leuchter, father of Ben Z. Leuchter, of the Class of 1946. One scholarship, awarded at the discretion of the Faculty, "on the basis of character, scholarship and financial need."

XXIX. 1890 MEMORIAL SCHOLARSHIP FUND.—Established by a member of the Class of 1923 in memory of his father, of the Class of 1890, and in recognition of his father's friendship with the members of his class. The income from this fund is to be awarded as a scholarship by the College to a deserving student.

XXX. THE A. CLEMENT WILD SCHOLARSHIP.—Established May 14, 1951, by Mrs. Gertrude T. Wild in memory of her husband, A. Clement Wild, of the Class of 1899. The income from this fund is to be awarded as a scholarship by the College to a deserving student. Preference shall be given to an English exchange student or someone in a similar category.

XXXI. THE CHARLES MCCAUL FUND.—Established in 1951 by Mary N. Weatherly. One or more scholarships which shall be "awarded to students who show special interest in the field of religion and the social sciences."

XXXII. THE CAROLINE CHASE SCHOLARSHIP FUND.—Established December 10, 1951, by Caroline Chase, daughter of Thomas Chase, one-time

president of the College. This fund is an expression of Thomas Chase's "enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature."

XXXIII. THE JONATHAN AND RACHEL COPE EVANS FUND.—Founded in 1952 by the children and grandchildren of Jonathan and Rachel Cope Evans. One half of the income of this fund is to be used for scholarships.

XXXIV. THE NEW ENGLAND SCHOLARSHIP.—Established by the Haverford Society of New England for a New England boy from a New England school. In the award of this scholarship a committee, composed of alumni of the New England area, will consider character and personal qualities as well as the scholastic record and need of the applicant.

XXXV. THE ROY THURLBY GRIFFITH MEMORIAL FUND.—Established in June 1952 by Grace H. Griffith, in memory of Roy Thurlby Griffith, of the Class of 1919. The income from this fund is to be awarded as a scholarship by the College, "preference to be given to boys who have no father and who are in need of financial assistance."

XXXVI. THE MORRIS LEEDS SCHOLARSHIPS.—Established in 1953 by the Board of Managers of the College in memory of Morris E. Leeds, a member of the Class of 1888 and chairman of the Board from 1928 to 1945.

### The General Scholarships

In addition to the endowed scholarships, a general scholarship fund is available. Awards from this fund will be made by the committee, the scholarships varying in size and number according to the need of the applicants.

# Curriculum

## General

HAVERFORD is a liberal arts college. Its curriculum is designed to develop in its students the capacity to learn and understand, and to make sound judgments based on knowledge and on thought. The requirements for the degree insure the exercise of these skills in each of the broad fields of human knowledge, and their subtler development in a single field of concentration.

## Bachelor's Degree

Every student in full standing at Haverford College shall normally carry a program of five courses per semester for four years. The minimum full schedule of four courses will be approved by the Dean only under unusual circumstances. To graduate, a student must have completed successfully the work of forty semester-courses, and in addition three years of Physical Education or of non-academic courses. The courses may be classified as follows:

Required (English 11-12) .....	2
Limited Electives (either two or four in Foreign Languages— see below) .....	14 or 16
Major Concentration (average) .....	12
Free Electives (average) .....	10 or 12
	<hr/>
Total .....	40

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have met the other requirements of the College, attained a general average of 70 or above for both the Junior and Senior years, and provided they have passed their Major examinations with a grade of 70 or above, are granted the Degree of Bachelor of Arts or Bachelor of Science. The degree normally conferred upon all candidates meeting these requirements is that of Bachelor of Arts. Upon request by the candidate and approval by the department concerned, however, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering.

The award of Honors for work toward the Bachelor's degree is described on pages 126-127.

### *Limited Electives*

To ensure breadth of distribution, every student is required to pass a certain number of courses, as indicated in each of four groups. This requirement must be satisfied before a student can be admitted to Senior standing. Exceptions may be made by agreement between the Major Supervisor and the Dean. The requirements are as follows:

1. FOREIGN LANGUAGES: One full-year course in a foreign language beyond the elementary grade. For the purpose of this requirement, all first year foreign language courses, with the exception of Greek 11, 12, are considered as of elementary grade.

(N.B. A single full-year language course, if included among those listed under the Humanities requirements below, will satisfy requirements in both Group 1 and Group 2.)

2. HUMANITIES: The requirement may be met by passing four semester courses as follows:

- (a) Two semester courses from the following:  
Biblical Literature 12, 13, 23.  
Humanities 21-22, 32.  
Philosophy 11, 12, 21-22, 28, 32, 36.
- (b) Two semester courses from the following:  
Biblical Literature 11, 22.  
English 22, 23, 24, 25, 26, 29, 31, 32, 34, 35, 36, 40, 41-42.  
French 12, 13-14, 23-24, 25-26.  
German 15-16, 21-22, 31, 32, 33, 34, 36, 37, 38.  
Greek 11, 12, 21, 22, 29.  
History of Art 21-22; Bryn Mawr 201, 203, 204, 301, 302.  
Latin 13-14, 15, 16, 23, 24.  
Music 11-12, 21-22.  
Philosophy 23 or 29; 24, 25, 26.  
Spanish 21-22, 31-32.

3. NATURAL SCIENCES AND MATHEMATICS: The requirement may be met by passing four semester courses, two each from two of the following groups:

- (a) Biology 11, 12, 13, 14; Psychology 33-34.
- (b) Physical Science 11, 12; Chemistry 12, 13, 14; Physics 13-14.
- (c) Astronomy 11, 12; Geology 101a, 101b\*; Mathematics 11, 12 (or 14), or 15-16.

\* Geology is offered at Bryn Mawr College. In order for a student to take courses at Bryn Mawr, he must meet the requirements as stated on page 44 of this catalog.



4. **SOCIAL SCIENCES:** The requirement may be met by passing four semester courses selected from at least two of the following departments:

Social Science General Course; Economics; History; Political Science; Sociology.

*Free Electives*

A number of courses sufficient to bring the total to forty semester courses shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right, through the Faculty Adviser and the Dean, to prevent unreasonable combinations of courses, and that in the Junior and Senior years the student will choose his free electives in consultation with his Major Supervisor.

*Non-Academic Electives*

Three terms of Physical Education or of non-academic subjects are required of all Freshmen, Sophomores, and Juniors, as described on pages 85 and 102. These courses must be passed in addition to the 40 semester courses of academic work required for a degree.

*Major Concentration*

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Classical Archaeology (Bryn Mawr College), Economics, Engineering, English, French, Geology (Bryn Mawr College), German, Greek, History, History of Art (Bryn Mawr College), Italian (Bryn Mawr College), Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Russian, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 49-102. During the fourth semester of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and apply to him for written approval of a program of courses for the last four semesters. Such a program must provide for the completion, by the end of the Senior year, of approximately twelve semester courses, or the equivalent, at least six of which must be in the Major Department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major Program signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth semester. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any department may be rejected for *scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the "preliminary courses"\* of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth semester, the change can be made only with the consent of the new Major Supervisor and the Dean.

Each Senior must take a special Major comprehensive examination (written, oral, or both) during the period scheduled for such examinations. The purpose of this examination is to promote the student's comprehension, integration and application of the knowledge acquired in the field of his major concentration, and to secure evidence of this achievement. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Supervisor, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination is taken one year later, during the regular period of Major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual), and if the request is granted, the fee is \$25.

As special background for the comprehensive examination a senior shall engage in a period of study, technically called course 100, in his department of concentration during the semester preceding that examination. This period of study shall be counted as one of the five courses normally carried by the

\* "Preliminary courses" are any courses the student may already have taken in the department to which he is applying. If the applicant has not already taken any courses in that department, the department may name courses in other departments which are to be regarded as "preliminary."

student during his final semester. Evaluation of the work in course 100 may be included in the grade earned by the student in his comprehensive examination.

In case of failure in the comprehensive examination a student does not necessarily repeat the term work of course 100, but follows the application procedure for re-examination as indicated on the preceding page. A student may not take more than two re-examinations in the field of his major concentration.

Students taking Majors under the supervision of Bryn Mawr College will note that their course 100 may extend over more than one semester; if this is the case, credit for two courses at Haverford will be granted if the work in each semester of this course is satisfactory.

Examinations in courses in the Major subject taken in the last semester of the Senior year may be omitted at the discretion of the Major Supervisor.

A student who has demonstrated unusual maturity and who has special interests and abilities may be permitted to arrange an *interdepartmental major*. The program of courses, the nature of the 100 course, and the nature of the comprehensive examination for an interdepartmental major are to be worked out in advance (that is, when the major is selected) by the student, with permission of the Dean, in consultation with and subject to the approval of the chairmen of the departments concerned, one of whom will be designated as Major Supervisor for that student.

In rare cases, and only for high ranking students, a *double major* may be arranged, in which the student takes the complete major in each of two departments. In order to take a double major, a student must receive permission from the Dean as well as from the chairman of each of the departments concerned.

### Freshman Program

Each Freshman, on entering the College, is assigned to a Faculty member as Adviser. Normally, the student keeps the same Adviser until he chooses a Major near the end of the Sophomore year, when the Chairman of the Major Department becomes his Adviser. Assignment of Advisers for incoming students is made by the Dean, on the basis of the best evidence available to him. If a prospective student knows of a Faculty member whom he would like to have as Adviser, he is urged to inform the Dean of the preference before the opening of College. If, after being assigned an Adviser by the Dean, the student finds another Faculty member whom he would prefer to have as Adviser, he is urged to inform the Dean of this preference, so that, if possible, the change can be made.

Although the Faculty Adviser is instructed to advise each Freshman on a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take Social Science and one foreign language. In addition, two courses chosen from Mathematics, the Natural Sciences, History, Biblical Literature, and Philosophy make a reasonable Freshman program.

The courses open to Freshmen are numbered 11 to 20 in the section on Courses of Instruction. If he is qualified, a Freshman may be permitted by the department concerned and by the Dean to take more advanced courses.

A series of standard tests is administered to all entrants within the first few days of the first semester. These tests are helpful in guidance and counselling. One function of the tests is to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading, which is offered each term, for no credit, to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed in reading.

### Preparation for Professions

A large number of Haverford College students plan, after graduation, to enter upon further courses of study. As a liberal arts college, Haverford arranges its curriculum so that students who have such plans are able to meet the entrance requirements of graduate and professional schools. The College does not, however, attempt to anticipate in its own curriculum the work of any graduate or professional school. It is the conviction of the Faculty that the best preparation for graduate work is a liberal education, with sound training in basic disciplines, to which more specialized training may later be added.

A student who intends to go to a professional school is free to choose his major in accord with his principal abilities and interests, since professional schools, such as those of business administration, law, medicine, or theology, usually accept students on the basis of merit regardless of their choice of major and, except in the case of medical schools, without specific course requirements. The requirements of most state boards of medical licensure are such that all students who hope to be admitted to a medical school must take Biology 12 and one additional semester course in biology, Chemistry 13, 14, 25, and 26, and Physics 13-14.

Students who plan to go to professional schools should seek advice as early as possible from appropriate Faculty members as follows: business administration, Mr. Teaf; law, Mr. Somers; medicine, Mr. W. Cadbury; theology, Mr. Flight or Mr. Steere.

If a student plans to do graduate work in a departmental subject, such as engineering, mathematics, history, etc., he should consult as early as possible with the chairman of the department at Haverford which most nearly corresponds to the department in which he plans to work in graduate school. This adviser will be able to guide him in his selection of courses, his choice of Major (which will not necessarily be in the department of his intended graduate study), and other questions which may have bearing on his future.

Law schools, medical schools, and some graduate schools require applicants to take special admission tests. Arrangements for taking these tests are the responsibility of the student concerned; he can obtain information about them from the Faculty members mentioned above, or from Mr. Pepinsky.

## Regulations

### *Conflicting Courses*

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned.

### *Additional Courses*

In general, Freshmen will be permitted to take only five courses. Sophomores and upperclassmen may take a sixth course only if they have passed five courses in the preceding semester with an average of not less than 80. Exceptions to this rule may be made at the discretion of the Dean in the case of Seniors. A fee of \$40 per semester is charged for every additional course.

### *Audited Courses*

A student who wishes to audit a course should obtain the permission of the instructor. No charge is made for auditing.

### *Course Changes*

Courses may be changed during the first week of each new semester. During that time students are free to make changes after consultation with their Advisers and the Dean.

Changes will not be permitted later except in cases where the student is known to be an excellent student and where he receives the consent of the professor to whose course he is changing and of his Adviser and of the Dean.

### *Special Cases*

Whenever a student gives proof of special abilities, the College is prepared to lay aside such requirements of the normal program as stand between him and the development of his gifts.

### *Grading of Students*

In determining the standing of the student, daily recitations, papers, hour examinations, and final examinations are all considered. Reports with grades and averages, are issued at the end of each semester. The minimum passing grade is 60 for each course (except course 100, see p. 38). If a student's work in a course is passing, a numerical grade is reported; if less than passing the grade is reported at the discretion of the instructor as E or F. In computing averages, a grade of E is averaged as 55, and a grade of F as 45.

Freshmen are required to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation. Students who fail to make promotion averages will normally be dropped from College.

### *Failures and Dropped Courses*

A student who receives a semester grade of E or F must repeat the course if it is required for graduation. If it is not required, he may repeat it or substitute another. The grade received for a repeated course is recorded and averaged in the year it is taken. No course may be repeated more than once; failure to pass a repeated required course will prevent a student from obtaining his degree.

In courses where the work of the second semester depends heavily on that of the first, a student who has failed the first semester, and has been permitted to continue in the second semester, will be given a grade of 60 for the first semester if he obtains a grade of 70 or better for the second semester. A list of such courses is kept by the Registrar.

In exceptional circumstances, such as illness, a student who receives a semester grade of E or F and who petitions the Dean, may be permitted by the Dean to take a special examination. A request for such an examination must be submitted to the Dean not later than two weeks after the grades have been released by the Registrar's office. If the request is granted, and the student takes a special examination, the grade in that examination will replace the grade originally earned in the mid-year or final examination in computing the final grade for that course; the new course grade will be entered on the student's transcript and the semester average will be revised accordingly.

Special examinations for courses failed in the first semester will be given immediately after the spring vacation of the year in which the failure occurred. Special examinations for courses failed in the second semester will

be given in the following September. Unless the student is ill or otherwise incapable of taking the examinations at the scheduled time, there will be no other opportunity for making up the work.

A Senior who receives a semester grade of E or F in a course taken during the second semester of his final year, and whose petition for a special examination has been granted by the Dean, will be permitted to take that examination prior to or during Commencement Week. This arrangement does not, however, apply to the comprehensive examination. (See page 38.)

Special examinations are scheduled only upon written request by the student and permission by the Dean. In the case of special examinations to be taken after spring vacation, which apply to courses failed in the first semester, the request, together with the Dean's approval, must be received by the Registrar at least two weeks before the beginning of spring vacation. In the case of special examinations to be taken in September, which apply to courses failed in the second semester, the request and approval must be filed by August 1. Late applicants are subject to a fee of \$5.00.

When a student drops a course, it will be recorded as "dropped" and averaged as 45, or in unusual cases, with the permission of the instructor in the course and the Dean, it may be recorded as "dropped without grade" and not included when the average is computed.

A course once reported to the College Office shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or summer school, or by applying a credit previously obtained.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped.

The Committee on Academic Standing is allowed some latitude in dealing with the student who fails to measure up to the Haverford standard of scholarship; however, a student is usually dropped if he fails in several courses simultaneously, or is three half-courses behind at the opening of College in September. On the other hand, the same Committee often recommends remedial training for a conscientious student who is in scholastic difficulty.

### Intercollegiate Cooperation

Because of the cooperative relationship between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of any of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group without additional expense.

Students desiring to take advantage of this arrangement must obtain the permission of the Dean. This permission will not be granted to a student whose general average for the preceding semester has been less than 80. Exceptions may be made in case the course at the other institution is necessary for the student's Major. It is the student's responsibility to register in the selected course on registration day at the institution where the course is to be given. The course should also be entered on his registration card at Haverford.

Permission for graduate students at Haverford to take courses at other institutions should be obtained from the Committee on Graduate Students. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

### Visitors and Lectures

In recent years, the College has arranged for individual departments of the Faculty to invite visitors to Haverford for varying periods of time to meet with members of the department and with students interested in that field. These departmental visitors, who sometimes give public lectures, have contributed considerably to the vitality of the work in the various departments.

This program has been greatly strengthened as a result of a generous bequest from the late William P. Philips. A substantial sum from this bequest is used to bring to Haverford "distinguished scientists and statesmen," whose visits may last anywhere from a few hours to a full academic year. On page 13 of this catalog is a list of the visitors brought to the campus under this bequest during the academic year 1953-54, together with those for whom definite arrangements have been made for the year 1954-55.

The Haverford Library Lectures and the Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature." At the weekly Collection meetings of the whole College prominent visitors talk to the student body on subjects of current interest.

The Class of 1898 Lectureship was established by that class in 1948.



# Graduate Study

## Admission to Candidacy for Master's Degree

GRADUATES OF INSTITUTIONS of standing equivalent to that of Haverford College, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. The number of graduate students to be admitted each year will be determined by the Administration, in view of the situation obtaining in the College and in individual departments in that year. A candidate for the graduate degree must show competence in one language besides English. Each applicant will be advised, on request, of the language requirements to be met in the particular department in which he wishes to carry out his specialized study.

Applications, together with transcripts, should reach the Director of Admissions not later than May 1.

*Charges.*—For charges and fees see pp. 27-28.

## Requirements

A candidate is required to pass four full-year advanced courses or their equivalent,\* each with a grade of not less than 80, and to do satisfactory additional intensive work, which may take the form of a thesis or other research, equivalent to a full course. At least two of the courses and the additional intensive work must be in the special field chosen by the candidate, and the remaining courses in allied subjects. In addition, the candidate may be required, at the discretion of the professor in charge, to pass a comprehensive examination upon the field of his special study. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. In cases where a thesis is required, the candidate must deposit two copies of his thesis in the College Library at least two weeks before Commencement.

A minimum of one year's residence is required, and a candidate, if well

\* In a full-year course, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purpose of this requirement.

prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate, a longer period of residence may be necessary, but the required work must be completed in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not generally be able to satisfy the requirements for the degree in one year.

*For a description of the special Graduate Curriculum in Social and Technical Assistance, see pp. 106-111.*

### Fellowships

Five Thomas Wistar Brown Fellowships of \$1000 each are available every year primarily for members of the Society of Friends and for the graduates of other Friends' colleges in the United States. Should any of these Fellowships be unclaimed by eligible candidates from Friends' colleges, they will be open to graduates of other colleges. These Fellowships are intended for qualified men who wish to avail themselves of a year in the Quaker environment of Haverford to pursue graduate studies in the fields of religion, philosophy, sociology, history, and kindred subjects. Each candidate and his proposed schedule of study must be approved by the Committee on Graduate Students. Holders of these Fellowships may live at Haverford or, by arrangement with the Vice-President of the College, at the community of Pendle Hill, situated a few miles from Haverford.

Applications should be accompanied by the following records: a certified list of the applicant's courses and grades as an undergraduate; three letters concerning the character, personality, financial condition, and qualifications of the applicant; a copy of the catalog of the institution in which the applicant was an undergraduate; and three copies of a small photograph. Applications and other material should be in the hands of the Vice-President and Director of Admissions before April 1 to secure consideration for the following year.

During 1954-55 the award of these Fellowships is limited to students in the Graduate Curriculum in Social and Technical Assistance.

COURSES OF INSTRUCTION

## Course Numbering

THE NUMBERING SYSTEM used in this catalog involves a two-digit number for each semester course. Courses numbered from 11 through 20, primarily Freshmen courses, are open to all students; courses numbered from 21 through 30 are open to Sophomores, Juniors, and Seniors; courses numbered from 31 through 60 are open to Juniors and Seniors; courses numbered from 61 through 80 are open only to Seniors; courses numbered from 81 through 89 are project courses open to Seniors and often also to Juniors; courses numbered from 91 to 99 are open only to graduate students; in each department the course in preparation for the comprehensive examination is numbered 100.

When two course numbers, followed by a single description, are joined by a hyphen, the course is a year course; a student who passes the first semester of such a course must normally take the second semester. When two course numbers followed by a single description are separated by a comma, the first semester may be taken without the second, though the two are normally taken together as a year course.

Unless otherwise stated, courses with uneven numbers are given in the first semester; those with even numbers in the second.

## Astronomy

THE DEPARTMENTAL WORK is designed to give students an understanding of and an interest in the universe in which they live. At all times in the course work the relation of astronomy to the other fields of learning is kept to the fore. The course progress from the elementary, through courses requiring more mathematical and physical background, to the strictly logical and critical development of a limited problem.

### Major Requirements

Astronomy 11, 12, 31, 32, 81, 82, and 100.

Four courses to be chosen from Mathematics 15-16, 31, 32, 63, and Physics 13-14, 21, 32.

Three written comprehensive examinations of three hours each.

11, 12. DESCRIPTIVE ASTRONOMY—*Four hours. Three class periods and one laboratory period a week.* Mr. Green.

Our knowledge of the motions, composition, organization, and evolution of the solar system, stars, and galaxies is presented, together with explanations of the methods by which this information is obtained. The laboratory work consists of visual, photographic, and spectroscopic observations of the sun, moon, planets, stars, and nebulae. These observations are treated as illustrations of the theory of optical instruments and the theory of measurement.

Offered annually.

21, 22. READING COURSE IN STELLAR ASTRONOMY—Mr. Green.

Systematic reading in stellar astronomy from an established list of recent books and research articles. *Astronomy 21* may be taken in either semester. Prerequisite: *Astronomy 11, 12.*

Offered in 1954-55.

31. ASTROPHYSICS—*Three class periods a week.* Mr. Green.

An introduction to spectroscopy, quantum mechanics, and statistical mechanics leads to the study of ionic and molecular equilibria in the atmosphere of the stars, in the diffuse nebulae, and in interstellar space. Prerequisite: *Physics 13-14* and *Mathematics 15-16*; Junior or Senior standing. Semester course.

Offered annually.

32. ASTROPHYSICS—*Three class periods a week.* Mr. Green.

The transfer of radiation in stellar atmosphere, the internal constitution of the stars, and the sources of stellar energy. Prerequisite: *Physics 13-14* and *Mathematics 15-16*; Junior or Senior standing. Semester course.

Offered annually.

81, 82. SPECIAL TOPICS IN ASTROPHYSICS—*Three class periods a week.*  
Mr. Green.

The content of this course may vary from year to year to suit the needs of advanced students. It may be repeated for credit. Prerequisite: Considerable maturity in Mathematics, Physics, and Astronomy, such as *Mathematics 63*, *Physics 21*, and *Astronomy 31*; Senior standing. Semester course.

Offered annually.

## Biblical Literature

THE COURSES in this Department are intended to give opportunity for study of our literary, moral, and religious heritage from the cultures which flourished in the Eastern Mediterranean lands where the roots of our civilization lie.

Those courses which are specifically Biblical in content are directed toward appreciation and understanding of Old and New Testaments and Apocrypha, their history, meaning, and interpretation. These courses cover broadly the historical backgrounds, literary qualities, and enduring religious values in these works of creative genius. Course 11, a survey of the whole Bible, is recommended as properly introductory to this field. Courses 12, 13, and 22, somewhat more advanced, place emphasis respectively upon the growth of religious ideas, the beginnings of the Christian movement, the literary history and art of the Bible, and its influence upon English and other literatures. Conference courses offer opportunity for intensive work by individual students on problems of archaeological, historical, or religious interest. Course 30 affords study of the broad background of the great early culture-centers of the Near East, where the first significant steps toward civilization were taken, many of whose achievements have come down in unbroken line into our western civilization. Finally, a course in comparative religion (Biblical Literature 23) is designed to acquaint the student with the nature and significance of religion in various cultures of our modern world.

### Major Requirements

Six half-year courses in Biblical Literature, and Biblical Literature 100.

Six other half-year courses in either Biblical Literature or related departments, such as English, History, Philosophy, Psychology, Sociology.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible, and the religious and moral life of the Hebrews, Jews, and Christians.

11. INTRODUCTION TO THE BIBLE—*Three periods a week.* Mr. Flight.  
Literary history of the Biblical books; problems of origins, growths, interpretation, literary and religious values. Semester course.  
Offered annually.
12. DEVELOPMENT OF CHRISTIAN THOUGHT—*Three periods a week.*  
Mr. Flight.  
Exploration of selected problems and principles of Christian living, with reference to their backgrounds and their meaning and application to contemporary life. Prerequisite: *Biblical Literature 11, 13, or 23.* Semester course.  
Offered annually.
13. THE RISE OF CHRISTIANITY—*Three periods a week.* Mr. Flight.  
A study of the background, early development, and spread of the Christian movement, up to the third century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and in the writings of the Church Fathers. Semester course.  
To be offered in 1953-54 and alternate years.
22. THE ENGLISH BIBLE—*Three periods a week.* Mr. Flight.  
(Also called *English 22.*)  
History and literary art of the English Bible, particularly the King James version, and its influence on English and other literature. Not open to Freshmen. Semester course.  
To be offered in 1953-54 and alternate years.
23. COMPARATIVE RELIGION—*Three periods a week.* Mr. Flight.  
A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals. Not open to Freshmen. Semester course.  
Offered in 1954-55 and alternate years.
27. ANCIENT HISTORY OF THE NEAR EAST—*Three periods a week.* Mr. Flight.  
(Also called *History 27.*)  
The beginnings of Western civilization in the cultures of the Near East; archaeological and historical. Not open to Freshmen. Semester course.  
Offered in 1955-56 and alternate years.
- 81 or 82. SPECIAL TOPICS—ADVANCED SEMINAR—*Three periods a week.*  
Mr. Flight.  
Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history. Prerequisite: A grade of 85 or more in one course in the Department. Limited to six students. May be repeated for credit with change of content. Semester course.  
Offered annually.

## Biology

THE COURSES in Biology are planned to meet the needs of the general student, as well as those of the specialist. Since man is himself a living organism, knowledge of the generalizations derived from studies of living organisms is reasonably to be considered part of the equipment of every educated man.

The careers opening from a background of undergraduate biology courses are: (a) medicine, dentistry, and veterinary medicine, all of which require some undergraduate biology—a field of endeavor which may be termed *biological correction*; (b) positions in wild life and fish and game services, forestry, agriculture, animal husbandry—a field which may be termed *biological control*; (c) positions in museums and other research and curatorial capacities which may be termed *biological investigation*; (d) teaching.

Four basic courses are offered, Biology 11, 12, 13, 14. All four are required of all Majors in Biology. No one of them is a prerequisite to any other, and they may be elected in any order. One of them (Biol. 11) has a Chemistry prerequisite, the others have none. One of them (Biol. 13) does not have laboratory work, but requires reading assignments and papers. The other three have laboratory work. Any two of these courses will serve to comply with the requirement in Limited Electives. Premedical students are advised to take courses 11 and 12.

### Major Requirements

The minimum Major requirements consist of Biology 11, 12, 13, 14 and 31-32 plus three other semester-courses in Biology. Any work in Biology 81, 82 is to be in addition to the minimum.

Four semesters of work in at least two other fields of science, in courses to be approved by the Department after consultation.

Reading and reporting on some fifteen approved books, to be done at any time between the end of the Sophomore year and the comprehensive examination at the end of the Senior year.

Comprehensive examination, partly written and partly oral, near the end of the Senior year. The grade on this and the reported reading will be entered under the heading of Biology 100.

#### 11. THE PHYSICAL BASIS OF LIFE—*Three periods a week.* Mr. Loewy.

An introductory course in the area of biology conventionally denoted as Physiology, Biochemistry, and Biophysics.

The course will attempt to give insight into the methods and subject matter of the physical-chemical approach to the study of living systems. Major emphasis will



be laid on cells rather than on correlative mechanisms between cells, and those aspects will be stressed which are common to all cells.

Prerequisite: An elementary course in Chemistry.

Semester course. Offered annually.

12. ANIMAL KINGDOM—*Four hours. Three class periods and one laboratory period a week.* Mr. Conner.

The objective is a knowledge of the nature and the diversity of the animal kingdom. Semester course.

Offered annually.

13. ORGANISMS IN THE WORLD. *Three periods a week.* Mr. Dunn.

An introductory course in the areas of biology conventionally denoted as Ecology, Genetics, and Evolution.

The course will attempt to give insight into the problems of the maintenance of the individual organism in relation to the various major environments and in relation to the other organisms occurring therein (Ecology); into the problems of self-perpetuation of kinds of organisms by reproduction (Genetics); into the problems of descent with modification and entrance into changed relations with environments and with organisms (Evolution). Semester course.

Offered annually.

14. PLANT KINGDOM. *Three hours. Two class periods and one laboratory a week.* Mr. Loewy.

The objective is a knowledge of the nature and the diversity of the plant kingdom. Semester course.

Offered annually.

- 21-22. VERTEBRATE MORPHOLOGY (Anatomy and Embryology)—*One class period and two laboratory periods a week.* Mr. Dunn.

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the development, status, and history of the organ systems of vertebrates. Prerequisite: *Biology 12.* Year course.

Offered annually.

- 31-32. EVOLUTION, HEREDITY, AND OTHER GENERAL BIOLOGICAL PROBLEMS—*Three class periods a week.* Mr. Dunn.

This course is intended not only for students of biology, but for all who wish to be informed on recent developments in the field of biology, especially students of sociology, philosophy, and history. Special emphasis is given to the modern theories of evolution and of heredity. Prerequisite: Junior standing. Year course.

Not offered in 1954-55.

35. READING COURSE IN BIOCHEMISTRY—*Three hours.* Mr. Loewy.  
A reading course dealing with enzymes, biological oxidation, and intermediary metabolism.  
Prerequisite: *Biology 11* and *Chemistry 25, 26.* Either semester.  
Offered annually.
41. CELLULAR PHYSIOLOGY—*Three class periods.* Mr. Loewy.  
Presenting the physical-chemical approach to integrated cellular functions. It will deal with three areas: the physical and chemical nature of the protein complex; the submicroscopic morphology of the cell; and the nature of the integrated cellular functions.  
Prerequisite: *Biology 11, Chemistry 28.* Semester course.  
Offered annually.
42. UNIT OPERATIONS OF PHYSIOLOGY AND BIOCHEMISTRY—*Three hours.*  
*One class period and two laboratories.* Mr. Loewy.  
This course will stress general or "unit" operations rather than specific tests or procedures. Fundamental analytical methods and their application to tissue fractionation and the study of proteins.  
Prerequisite: *Biology 41.* Semester course.  
Offered annually.
- 61-62. FUNDAMENTALS OF SYSTEMATICS—*Three hours.*  
Given at the Philadelphia Academy of Sciences. Open only to Seniors, with consent of the Department. Year course.
- 81, 82. PROJECT COURSES—*Three hours.* Mr. Dunn and Mr. Loewy.  
Open only by permission of the instructor.  
Offered annually.

## Chemistry

THE PROGRAM of courses in chemistry is planned for the purpose of sound education rather than technical training. When taken in proper sequence they afford a developing knowledge of chemistry as a rational science. Fundamental principles are stressed but sufficient experimental and other factual material is introduced to render these principles clear and to illustrate their applicability. Emphasis is placed upon precision of observation, measurement, and statement, and upon the application of the inductive-deductive method of scientific development, with the aim of making the study of chemistry of general educational value.

A Major in chemistry who intends to undertake graduate study in Chemistry should include in his program courses 24, 31, 32, 63, 64 and 65, together

with German 13-14, Mathematics 15-16, and Physics 13-14. This is in accord with the level of accomplishment recommended by the American Chemical Society. Course 81 or 82, giving some insight into the aims and methods of original research, is also desirable. For the courses in chemistry needed for premedical preparation, see page 40.

Students whose scholastic record prior to entrance indicates a satisfactory proficiency in elementary chemistry may enter the more advanced course, Chemistry 13, directly from high school. Others desiring work in chemistry will take Physical Science 11 and Chemistry 12 in preparation for Chemistry 13.

### Major Requirements

Chemistry 13, 14, 23, 25, 26, 28, two additional advanced courses, and 100.

Physics 13-14.

The comprehensive examination will cover the general field of the chemistry courses listed above.

Majors will meet with members of the Staff for one period per week during the second semester of their Senior year for a critical discussion of the chemical principles studied in the courses and the application of these principles to modern developments in the science.

Candidates for Final Honors in Chemistry will pursue, during the Junior and Senior years, a course of reading and conference in which history of chemistry, philosophy of science, and recent advances in chemistry are emphasized. The Honors program should be arranged with the Major Supervisor early in the Junior year.

12. ELEMENTARY CHEMISTRY—*Four hours. Three class periods and one laboratory period a week.* Mr. Benfey.

A study of the fundamentals of chemistry, the preparation, properties, and uses of the more common elements and their compounds, and the application of general principles of chemistry to industrial processes. Prerequisite: *Physical Science 11*. Semester course.

Offered annually.

13, 14. INORGANIC CHEMISTRY—*Four hours. Three class periods and one laboratory period a week.* Mr. Meldrum, Mr. Rush and Mr. Culbert.

Lectures and recitations dealing with the fundamental principles of chemistry, solutions of nonelectrolytes and electrolytes, the ionic theory and its application to analytical processes and electrolytic phenomena, the periodic law, radiations, and the theories of atomic and molecular structure and their applications in chemistry. The systematic qualitative analysis of inorganic materials by the semimicro method will be emphasized in the laboratory. Prerequisite: *Chemistry 12* or high school chemistry and consent of the instructor. Semester courses.

Offered annually.

23. **QUANTITATIVE ANALYSIS**—*Four hours. Two class periods and two laboratory periods a week.* Mr. Meldrum.

Lectures and laboratory work dealing with the general principles of gravimetric, volumetric, electrolytic, and colorimetric methods of analysis. Prerequisite: *Chemistry 14*. Limited to forty students. Semester course.

Offered annually.

24. **ADVANCED QUANTITATIVE ANALYSIS**—*Three hours. One class period and two laboratory periods a week.* Mr. Meldrum and Mr. Culbert.

Lectures and conferences dealing with general methods for the quantitative determination of the elements and the analysis of industrial materials. The laboratory work includes the complete quantitative analysis of certain inorganic materials. Prerequisite: *Chemistry 23*. Semester course.

Offered annually.

- 25, 26. **ORGANIC CHEMISTRY**—*Four hours. Three class periods and one laboratory period a week.* Mr. Benfey, first semester, and Mr. Meldrum, second semester.

A study of aliphatic, aromatic, and heterocyclic compounds. In the laboratory, experiments illustrating the synthesis and chemical properties of such substances are carried out. Prerequisite: *Chemistry 14*. Junior standing or consent of the instructor. Limited to forty students. Semester courses.

Offered annually.

28. **ELEMENTARY PHYSICAL CHEMISTRY**—*Three class periods a week.* Mr. Cadbury.

The first course in a three-course sequence in physical chemistry. The topics covered, which are treated from the kinetic point of view and without the requirement of the calculus, include: Gases, liquids, solutions, transference numbers and electrolytic conductance, acid-base equilibria, adsorption and colloids. Prerequisite: *Chemistry 23*. Semester course.

Offered annually.

- 31, 32. **PHYSICAL CHEMISTRY**—*Four hours. Three class periods and one laboratory period a week.* Mr. Cadbury, first semester, and Mr. Rush, second semester.

A study of the general properties of matter, with application of the calculus and thermodynamics. The topics covered include: The First and Second Laws of thermodynamics and some of their consequences; heterogeneous equilibrium; homogeneous equilibrium, with a brief treatment of the Third Law; electromotive force and pH determination; ionic equilibria; introduction to statistical mechanics; reaction kinetics; photochemistry; catalysis. The laboratory work involves illustrative physico-chemical measurements. Prerequisite: *Chemistry 28, Mathematics 15-16, and Physics 13-14*; Junior standing. Semester courses.

Offered annually.

61. **ADVANCED INORGANIC CHEMISTRY**—*Three class periods a week.*  
Lectures and conferences dealing with advanced phases of inorganic chemistry, such as atomic structure, modern concepts of valence, isotopes and radio-activity and their application in research, Werner's complexes, intermetallic compounds, and metal hydrides. Prerequisite: *Chemistry 23, 26, and Physics 13-14*; Senior standing or consent of the instructor. Semester course.  
Not offered in 1954-1955.
63. **ADVANCED ORGANIC CHEMISTRY**—*Four hours. Two class periods and two laboratory periods a week.* Mr. Benfey.  
A study of the principles involved in qualitative organic analysis and the application of electronic theories to selected chemical systems. The laboratory work involves the identification of organic substances by classification reactions and by the preparation of derivatives. Prerequisite: *Chemistry 26*; Senior standing or consent of the instructor. Semester course.  
Offered annually.
64. **ORGANIC SYNTHESIS**—*Four hours. Two class periods and two laboratory periods a week.* Mr. Benfey.  
A study of stereochemistry, organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry with emphasis upon general reaction mechanisms. Syntheses of an advanced nature constitute the laboratory work. Prerequisite: *Chemistry 63*; Senior standing or consent of the instructor. Semester course.  
Offered annually.
65. **QUANTITATIVE ANALYTICAL METHODS**—*Three hours. One class period and two laboratory periods a week.* Mr. Rush.  
Lectures and laboratory work dealing with micro, semimicro, instrumental and other special methods of quantitative analysis. Prerequisite: *Chemistry 23 and 26*; Senior standing or consent of the instructor. Semester course.  
Offered annually.
- 81 and 82. **CHEMICAL RESEARCH**—*Three conferences a week.* Mr. Meldrum and Staff.  
Open only to Seniors and to Graduate students in chemistry. May be elected as one or more courses. Prerequisite: *Chemistry 26, and 28.* May be taken in either semester with the consent of the instructor; may be repeated for credit with change of content. Semester courses.  
Offered annually.
- 83 and 84. **SPECIAL TOPICS IN THEORETICAL CHEMISTRY**—*Three conferences a week.* Mr. Meldrum and Staff.  
Open only to Seniors and to Graduate students in chemistry. May be taken in either semester; may be repeated for credit with change of content. Semester courses.  
Offered annually.

## Economics

THE WORK in Economics is intended primarily to develop in students an understanding of the working of modern economic society, to give practice in the interpretation of economic data, to arouse an informed interest in public affairs, and to lay the basis for the formation of intelligent judgments in the field of economic policy. The introductory courses are designed to give the basic understanding of economic processes and of economic organization that should be part of a liberal education. The advanced courses also are offered as part of a program of liberal education, but are designed to meet, at the same time, the needs of men going on to graduate work in economics or business administration or directly into business. Several of the advanced courses should be of special value to men planning to enter the foreign service, other government work, journalism, or law. In the advanced courses emphasis is placed on the use of source materials and on research methods in economics, and students gain experience in the preparation of analyses and reports.

Men expecting to major in Economics are advised to take Social Science 11-12 in the Freshman year. It will also be helpful to take Mathematics 11 and 14.

### Major Requirements

Economics 21, 22, 31, 37, 52, one of the three courses: 71, 72 or 74, 100, and two other semester courses in Economics. Mathematics 14 (Introduction to Statistics) may be considered as one such semester course. Economics 100 consists of a reintegration of the study of economics with related social sciences through selected readings on the development of economic thought and on current problems with informal discussion of the issues raised.

Social Science 11-12 and two other approved semester courses in the social sciences, mathematics, or psychology.

A comprehensive examination which normally includes a written examination, an oral examination, and the preparation of a research memorandum.

#### 21. ECONOMIC GROWTH AND WELFARE IN A FREE SOCIETY—*Three periods a week.* Mr. Teaf and Mr. Hunter.

A study of the main features of modern economic life in the United States, including the resource base and technological setting, the institutions, organization, and functioning of capitalism, and alternative economic systems. The course is aimed at providing students with an understanding of such current economic problems as inflation, unemployment, the banking system and the public debt, and the scope and nature of government action in the economic sphere. Prerequisite: *Social Science 11-12*. Semester course.

**Offered annually.**

22. THE PRICE SYSTEM IN OPERATION—*Three periods a week.* Mr. Teaf and Mr. Bell.

A study of the manner and extent to which the basic economic questions of what is to be produced, how it is to be produced, and for whom it is to be produced are solved by the pricing system. Special emphasis is placed on current operation of the price system in agriculture, industry, public utilities, and international trade; on control of prices through monopoly or government action; and on how these basic economic problems are solved under economic systems different from that of the United States. Prerequisite: *Social Science 11-12* and *Economics 21* or permission of the instructor.

Offered annually.

Economics 21 and 22 are designed as a year course; together they present the basic elements for an understanding of current economic problems. Students who are planning further work in economics or other social sciences are encouraged to take both semesters.

31. MONEY, BANKING, AND ECONOMIC STABILITY—*Three periods a week.* Mr. Bell.

A study of the theoretical framework necessary for understanding economic instability and of the monetary means available in the United States for the promotion of a stable level of activity. The course is divided into four central parts: an analysis of the circular flow of payments and the determination of the level of income, with special reference to the role of money; money and banking processes and determinants of the money supply as a basis for policy; Federal Reserve and debt management policy; and monetary panaceas and monetary reform. Emphasis is placed on the application of theory to understanding past events and to forecasting the future.

Prerequisite: *Economics 21*.

Semester course. Offered annually.

32. CONSERVATION OF NATURAL RESOURCES—Mr. White.  
(See *Geography 32*.)

33. POPULATION POLICIES AND PROBLEMS—Mr. Reid.  
(See *Sociology 33*.)

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.  
(See *Political Science 34*.)

36a. LABOR ECONOMICS AND LABOR RELATIONS—Mr. Teaf.  
(Also called *Sociology 36*.)

A study of the fundamentals of the employer-employee relationship, such as wages, hours, security; the functioning of labor organizations and government; the purposes and methods of collective bargaining. Special emphasis is placed on methods of resolving industrial conflict. Prerequisites: *Economics 21*. Semester course.

Offered annually.

37. ACCOUNTING—*Three periods a week.* Mr. Bell.

The course is divided into two parts. The first covers elementary theory, uses, and techniques of accounting, including discussion and problems on the comparative balance sheet and statement of profit and loss, the theory of double entry, the journal and ledger, adjustments and work sheet, closing the books, and special problems related to corporation accounts, such as reserves and funds and the handling of surplus. The second part of the course covers problems in accounting theory, such as classification, timing, and valuation under stable and fluctuating price levels, and the bearing of these on management problems and on economic analysis. Prerequisite: *Economics 21.* Semester course.

Offered annually.

38. THE CORPORATION—*Three periods a week.* Mr. Hunter.

An analysis of the economic and legal organization of modern corporations; their relation to security holders and securities markets; statutory regulation of their financial activities; economic aspects of internal decision-making problems; and evaluation of their impact on modern society. Prerequisite: *Economics 37.* Semester course.

To be offered in 1954-55 and alternate years.

39. INDUSTRIAL MARKET ORGANIZATION AND PUBLIC POLICY—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 39*)

An analysis of industrial market organization and governmental regulation of market practices. The history of anti-trust policy is reviewed and selected recent cases are discussed. Other topics include trade associations, cartels, basing-point pricing, and governmental price control. Opposing views on proper public policy are discussed and evaluated. Prerequisites: *Economics 22.* Semester course.

Offered annually.

41-42. THE SOVIET SYSTEM—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 41-42.*)

An analysis of the structure and functioning of major Soviet economic, political, and social institutions. Current arrangements are studied as products of historical development; attention is given to trends and prospects. The topics examined include: the background of the 1917 Revolutions; the rise of Stalin and evolution of total government; forced industrialization and collectivization of agriculture; the development of Soviet social organization; factors explaining Soviet survival in World War II; the main features of postwar recovery and expansion; an inventory of Soviet strengths and weaknesses. Prerequisites: One year of Economics, Political Science or Sociology. Year course.

Offered annually.



52. GOVERNMENT FINANCE—*Three periods a week.* Mr. Hunter.

(Also called *Political Science 52.*)

An analysis of major issues in the field of government revenues and expenditures. Topics considered include standards for government expenditures, principles of equity in taxation, use of the budget to stabilize economic activity, political and economic problems in the implementation of public policy. Prerequisite: *Economics 21, 22.* Semester course.

To be offered in 1954-55.

53-54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—*Three periods a week.* Mr. Haviland.

(See *Political Science 53-54.*)

71. PROBLEMS OF DOMESTIC STABILITY AND GROWTH—*Three hours a week.* Mr. Hunter.

Advanced study of selected issues in domestic economic policy relating to fiscal and monetary measures for balancing the needs of growth, stability, flexibility, security, and freedom. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the entire class. Prerequisites: *Economics 31 and 52.* Semester course.

Offered annually.

72. PROBLEMS OF INTERNATIONAL STABILITY AND GROWTH. *Three hours a week.* Mr. Bell.

Advanced study of current problems in international economic relations, including trade and commercial policy, financial organization and the foreign exchanges, and international investment and economic development. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course, for individual students or for the whole class. Prerequisites: *Economics 53-54.* Semester course.

Offered annually.

74. PROBLEMS OF BUSINESS ORGANIZATION—*One three-hour period a week.* Mr. Teaf.

Advanced study of the organization of modern complex societies for industrial production and commerce. Problems involving relationships within firms and among firms; issues raised by activities of labor organizations and of government. Students will have an opportunity to concentrate on one or more aspects of a very broad field, according to their interests. Ordinarily this course will be held as a seminar, but, with the permission of the instructor, it may take the form of a reading course or a project course for individual students or for the entire class. Prerequisite: *Economics 38 or 39.* Semester course.

Offered annually.

## Engineering

THE OBJECTIVE of the Engineering Department of Haverford College is to prepare students in the fundamentals of engineering by giving them training in the sciences and engineering, together with a broad liberal arts background under the influence of the philosophical and religious atmosphere available to all Haverford students.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

Engineering 33 and 34 may be counted as courses in Physics for the purpose of satisfying any curricular requirements.

### Major Requirements

Engineering 11, 12, 21, 22, 31, 32, 33, 34, 100, Engineering Seminar (a two-year, non-credit requirement), Mathematics 15-16, Physics 13-14, and two half-year courses in Chemistry.

Courses in Mathematics, Physics and Chemistry will be considered preliminary courses as defined on page 38.

#### 11. PRINCIPLES OF ENGINEERING DRAWING AND SHOP METHODS—

*Three laboratory periods a week.* Mr. Hetzel and Mr. Wilson.

Two laboratory periods a week are devoted to instruction and practice in the methods and conventions of making engineering drawings and sketches. One period weekly is spent in the machine shop working principally on screw-cutting lathes. Two inspection trips. Text: Giesecke, Mitchell & Spencer, *Technical Drawing, and Technical Drawing Problems*. Semester course.

Offered annually.

#### 12. ENGINEERING DRAWING, SURVEYING, AND SHOP METHODS—

*Three laboratory periods a week.* Mr. Hetzel and Mr. Wilson.

Additional work on detail and assembly drawings; study of uniform and logarithmic graphs; solution of typical engineering problems and orientation discussion of the various branches of engineering. Occasional meeting with visiting engineers. Exercises in plane surveying during the last eight weeks in the spring. Machine-tool work on lathe, shaper and milling machine, one period weekly. Inspection trips. Text: Taylor, *Elementary Surveying*. Prerequisite: *Engineering 11*. Semester course.

Offered annually.

21. KINEMATICS OF MACHINES—*One class period and two laboratory periods a week.* Mr. Holmes.

Velocity analysis of mechanisms; cams, belts, chains, gears, etc. Inspection trips. Text: Doughtie and James, *Elements of Mechanism*, and Haul and Azpell, *Mechanism Problems*. Prerequisite: *Engineering 11* or consent of the instructor. Semester course.

Offered annually.

22. ANALYTICAL MECHANICS—*Three class periods a week.* Mr. Holmes.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Text: Higdon and Stiles, *Engineering Mechanics*. Prerequisite or parallel course: *Mathematics 15-16*. Semester course.

Offered annually.

31. MECHANICS OF MATERIALS—*Two class periods and one laboratory period a week.* Mr. Holmes.

A study of stress and strain, beams and columns shafting, girders, combined stresses, etc. Inspection trips. Text: Singer, *Strength of Materials*. Prerequisite: *Mathematics 15-16* and *Engineering 22*. Semester course.

Offered annually.

32. THERMODYNAMICS—*Three class periods a week.* Mr. Holmes.

Energy, gas laws, vapors; mixtures of gases and vapors; theoretical and actual thermodynamic cycles for power and refrigeration. Text: Hawkins, *Thermodynamics*. Not open for Freshmen and Sophomores. Prerequisite: *Physics 13-14*. Semester course.

Offered annually.

33. ELEMENTS OF ELECTRICAL ENGINEERING—*Four hours. Three class periods and one laboratory period a week.* Mr. Hetzel and Mr. Wilson.

Electrical and magnetic circuits, electrical measurements, theory and performance of direct-current machinery and distribution systems are studied by text assignments and problems, lecture and class discussion, and laboratory experiments. Prerequisite: *Physics 13-14*, *Mathematics 15-16*. Semester course.

Offered annually.

34. ELEMENTS OF ELECTRICAL ENGINEERING—*Four hours. Three class periods and one laboratory period a week.* Mr. Hetzel and Mr. Wilson.

This course deals with alternating-current circuits and machinery: single phase and polyphase circuits, transformers, generators, motors, transmission and dis-

tribution systems, instruments, control systems, and an introduction to electronics.

Prerequisite: *Engineering 33*. Semester course.

Offered annually.

63, 64. ELECTRONICS—(See Physics 63, 64.)

81, 82. SPECIAL PROJECTS

Required of candidates for High and Highest Honors in Engineering but open to all students with the necessary prerequisites after consultation with the Instructor. Students in Engineering are encouraged to do individual work in some special field of investigation.

The following fields of study are suggested:

FLUID MECHANICS. Mr. Holmes.

Prerequisite: *Mathematics 15-16* and *Physics 13-14*.

DESIGN OF MACHINE ELEMENTS. Mr. Holmes.

Prerequisites: *Mathematics 15-16*, *Engineering 22*, 31.

INTERNAL COMBUSTION ENGINES. Mr. Hetzel.

Prerequisite: *Physics 13-14*.

Offered annually.

## English

THE ENGLISH DEPARTMENT offers the opportunity to study significant formulations of the human spirit in the English language and to give oral and written expression with respect to these works of literature. It furthermore provides opportunity for and instruction in written communication of ideas and information, and the creation of fiction.

Many students who choose to major in English intend to pursue some aspect of the subject professionally: to proceed to graduate school, to teach literature, or to undertake a literary career. The program of the Department provides preliminary education for all these purposes. The study of English literature is recommended likewise to those students who wish to acquire a knowledge of their literary heritage, or to gain an acquaintance with the use of the English language, before entering a non-literary profession, such as law, government service, the ministry, medicine, or business. The Department welcomes such students.

English 11-12 is required of all Freshmen in the college; this course, or its equivalent, is a prerequisite to all further work in the Department. English

11-12 provides tutorial instruction in writing and an introduction to the study of literature.

Intermediate courses, numbered in the 20's, 30's and 40's, are open to all students in the college who have met the prerequisites. The Department offers courses in periods of literature, in a single author, and in selected works. These intermediate courses are graded in difficulty from the 20's through the 40's. A sequence of courses is arranged for English majors, with concentration on the literature of the Sixteenth and the Nineteenth centuries.

Courses numbered in the 60's and 80's are presented primarily for Senior English majors.

The attention of slow readers is called to the remedial work in reading.

### Major Requirements

Twelve semester courses, to be arranged in consultation with the Chairman of the Department.

The following courses are required for the Regular Major in English: 23, 31, 32, 34, 40, two 60 courses (or one 60 course and one 80 course), 100.

Students who wish to choose a Broad Major may substitute Humanities 21-22, or English 41-42, for English 34 and 40.

The remaining four semester courses are to be chosen either from the Department of English or closely related fields, upon consultation with and permission of the Chairman of the Department. The student is given the opportunity to fit this portion of his major program to his individual needs, subject to the discretion of the Department.

The attention of students who intend to undertake work for the Ph.D. in English is called to the requirement, set by many graduate schools, of proficiency in Latin, French and German.

A student who wishes to work for Honors in English should apply to the Chairman of the Department during the first semester of his Junior year.

11-12. READING AND WRITING ON HUMAN VALUES—*Three periods a week with an added period of Public Speaking for one semester.* Messrs. Woodroffe, Lester, Ashmead, Friedrich, Quinn, and Durling. Public Speaking in charge of Mr. Walker.

Tutorial instruction in writing.

Readings in the Humanities, centered on values in Western Civilization. Weekly writing, based on reading program. Two class meetings and one tutorial meeting weekly. One semester Public Speaking. Year course.

22. THE ENGLISH BIBLE—Mr. Flight.

(See *Biblical Literature* 22.)

23. SHAKESPEARE—*Three periods a week.* Mr. Friedrich.  
Reading and study of twelve plays, with emphasis on features of general and popular interest. Prerequisite: Sophomore standing. Semester course.  
Offered annually.
24. CONTEMPORARY DRAMA—*Three periods a week.* Mr. Snyder.  
A study of the techniques and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Prerequisite: Sophomore standing. Semester course.  
Offered annually.
25. AMERICAN LITERATURE TO THE CIVIL WAR—*Three periods a week.*  
Mr. Snyder.  
Prerequisite: Sophomore standing. Semester course.  
Offered annually.
26. AMERICAN LITERATURE FROM THE CIVIL WAR TO WORLD WAR I—  
*Three periods a week.* Mr. Snyder.  
Prerequisite: Sophomore standing. Semester course.  
Not offered in 1954-1955.
27. INTERMEDIATE COMPOSITION AND ORAL DISCUSSION— *Three periods a week.* Mr. Snyder.  
Practice in expository writing and in the techniques of public discussion. Limited to twelve students. Semester course. May be repeated for credit.  
Offered annually.
29. GREEK LITERATURE IN ENGLISH—Mr. Post.  
(See *Greek 29.*)
31. NINETEENTH-CENTURY POETRY—*Three periods a week.* Mr. Snyder.  
A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions. Prerequisite: Junior standing. Semester course.  
Offered annually.
32. NINETEENTH-CENTURY PROSE—*Three periods a week.* Mr. Lester.  
Lectures, discussions, and reading. Prerequisite: Junior standing. Semester course.  
Offered annually.
34. LITERATURE OF THE ENGLISH RENAISSANCE—*Three periods a week.* Mr. Durling.  
Poetry, prose and drama: chiefly devoted to Sidney, Spenser, Marlowe, Jonson,

Bacon, Donne and Webster; excluding Shakespeare. Prerequisite: *English 23*. Semester course.

Offered annually.

36. EIGHTEENTH-CENTURY LITERATURE—*Three periods a week*. Mr. Snyder.

Boswell's *Life of Johnson*, five novels, and a term paper on one of the three following topics at each student's option: Pope, Gray, Burns, and other poets; Chesterfield, Walpole, and other letter-writers; Addison, Goldsmith, and other essayists. Prerequisite: Junior standing. Semester course.

Offered in 1954-55.

37. CREATIVE WRITING—*Three periods a week*. Mr. Friedrich.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Prerequisite: Junior standing. Semester course. May be repeated for credit.

Offered annually.

40. BRITISH AND AMERICAN LITERATURE OF THE TWENTIETH CENTURY—*Three periods a week*. Mr. Ashmead.

Fiction and verse by selected writers from Sherwood Anderson and E. M. Forster to Auden and Hemingway. Prerequisite: Two semester courses in English beyond the Freshman year. Semester course.

Offered annually.

41-42. GENERAL COURSE IN ENGLISH LITERATURE—*Three hours a week*. Mr. Quinn.

A study of ten to twelve major works in the field of English and American literature (e.g. Chaucer's *Troilus and Criseyde*, Milton's *Paradise Lost*, Boswell's *Life of Johnson*, Joyce's *Ulysses*, Eliot's *Waste Land*) for full understanding, as examples of significant experience and points of view. Prerequisite: Junior standing. (*Humanities 21-22* is advised, though not required, as a prerequisite). Year course.

Offered in 1952-53.

61. SPECIAL TOPICS IN NINETEENTH-CENTURY LITERATURE—*Three hours a week*. Mr. Lester.

Studies in the development of nineteenth-century thought as expressed in English literature. Seminar reports and discussions; each student submits three critical essays. Prerequisite: *English 32* and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.

Offered annually.

62. SPECIAL TOPICS IN POETRY—*Three hours a week.* Mr. Snyder.  
 Browning's Poems. Also treatises on poetic theory from Aristotle to Whitman. Prerequisite: *English 31* and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.  
 Offered annually.
63. TOPICS IN SHAKESPEARE—*Three hours a week.* Mr. Durling.  
 Critical study of plays not read in *English 23*. Three reports and one piece of original investigation. Prerequisite: *English 23* and *34*, and consent of the instructor. Seminar. Semester course. Limited to nine students. Priority to Senior English majors.  
 Offered annually.
81. PROJECTS IN AMERICAN LITERATURE—*Weekly conferences.* Mr. Ashmead.  
 Chiefly devoted to American Literature of the Eighteenth and Nineteenth centuries. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English 25* or *26*. (This requirement may be met by taking one of these courses concurrently with 81.) Limited to nine students. Priority to Senior English majors.
82. PROJECTS IN TWENTIETH-CENTURY LITERATURE—*Weekly conferences.*  
 Mr. Friedrich.  
 Both British and American Literature of the Twentieth century. Students must draw up their projects in consultation with the instructor. Recommended for students who are candidates for Final Honors. Prerequisite: *English 40*. (This requirement may be met by taking *English 40* concurrently with *English 82*.) Limited to nine students. Priority to Senior English majors.
85. READING FOR HONORS—*The Chairman of the Department.*  
 A reading program, set by the Department, designed to stress the historical development and cultural relationships of English literature. Open only to candidates for Final Honors in English. May be taken in either semester of the Senior year.

## General Courses

- HUMANITIES 21-22. INTERPRETATION OF LIFE IN WESTERN LITERATURE  
 —*One two-hour period a week.* Mr. Gutwirth, Mr. Woodroffe and Mr. Wylie.  
 Study in their entirety of selected literary works which are great imaginative presentations of attitudes toward life. The course spans Western culture from Homer to the present, and the readings are drawn from all the major literatures of the West, in the best available translations. Stress is laid on student involvement



in issues raised by these books; consequently, the class work is handled entirely by the discussion method. Prerequisite: *English 11-12*; Sophomore standing. Year course.

Offered annually.

PHYSICAL SCIENCE 11, 12. GENERAL PHYSICAL SCIENCE—*Four hours. Three class periods and one laboratory or discussion period a week.* Mr. Green.

This course is concerned with the nature and presuppositions of scientific method, the status of present-day physical science, and the relationship of science to the rest of our culture. In the first semester it tries to illuminate these subjects by a study of some aspects of the development of our knowledge of the planetary system, mechanics, the nature of light, and the theory of relativity. In the second semester attention is directed to fundamental chemistry, electricity, the rise of the quantum theory of matter, and nuclear structure.

SOCIAL SCIENCE 11-12. GENERAL COURSE IN SOCIAL SCIENCE—*Three periods a week.* Messrs. Reid, Bell, Campbell, Gordon, Heath, Scott and Watson.

The purpose of this course is to acquaint the student with the appropriate techniques of the social sciences and to stimulate thinking about significant social issues. Major importance is attached to the analysis of specific evidence in the social sciences and its significance for an understanding of social behavior. The first semester is devoted to inquiry into the factors which shape human behavior and social institutions. This inquiry forms the basis for the development of informed judgments on contemporary social issues to be analyzed in the second semester. Year course. *Social Science 11-12 is a prerequisite for all courses in Economics, Political Science, Psychology, and Sociology.*

Offered annually.

## Geography

32. CONSERVATION OF NATURAL RESOURCES—*Three periods a week.* Mr. White.

Analysis of the basic principles of conservation of land, water and mineral resources as they relate to social policy. Field study in selected areas. Prerequisite: *Economics 22 or Sociology 33 or Political Science 22.* Semester course.

Offered annually.

## German

THE MAIN OBJECTIVE of German study is the acquisition of the language as a means of access to the civilization of which it is the medium. The courses are planned and conducted with the aim of enabling the individual student to fulfill most effectively his prospective needs. Hence provision is made for acquiring a practical speaking knowledge of the language as well

as the ability to read it for postgraduate research, for which in many fields it is indispensable, and for an appreciation of German literature.

German 11-12, 13-14, 15-16, and 23 are primarily language courses. The remaining courses are devoted largely to the history of German literature from the earliest times to the present, and to the intensive study of special periods and eminent authors.

The collateral reading required in German 13-14 and German 15-16 is in literary or scientific works, as the student chooses.

Opportunity is given to students who complete German 11-12 or German 13-14 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

It is possible and in some cases highly desirable for a Major in German to take his Junior year abroad in one of the supervised intercollegiate Junior Year programs.

### Major Requirements

German 21-22, 23, 31, 33, and 100.

Supporting courses to be arranged in conference with the Major Supervisor.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

11-12. ELEMENTARY GERMAN—*Three periods a week.* Mr. Kelly, Mr. Steer, and Mr. Cary.

Grammar, conversation, and the reading of simple texts. Year course.

Offered annually.

13-14. INTERMEDIATE GERMAN—*Three periods a week.* Mr. Pfund, Mr. Steer, and Mr. Cary.

Texts of moderate difficulty are read both in class and as outside work. Composition and conversation. Prerequisite: *German 11-12* or the equivalent. Year course.

Offered annually.

15-16. ADVANCED GERMAN—*Three periods a week.* Mr. Kelly and Mr. Steer.

The first semester is devoted to the reading and discussion of works of contemporary German literature. The second semester introduces the student to the age of Goethe. One hour a week is devoted to composition and conversation based on various phases of German culture.

Offered annually.

- 21-22. LESSING, GOETHE, SCHILLER—*Three hours a week.* Mr. Kelly.  
Prerequisite: *German 15-16* or the equivalent. Seminar. Year course.  
Not offered in 1954-55.
23. ADVANCED COMPOSITION AND CONVERSATION—*Three periods a week.*  
Mr. Pfund.  
Readings in modern German literature, including works of contemporary writers, make up the subject matter of this course. Its objective is, accordingly, literary as well as linguistic. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Offered in 1954-55.
31. THE GERMAN DRAMA OF THE NINETEENTH CENTURY—*Three periods a week.* Mr. Kelly.  
Prerequisite: *German 15-16* or the equivalent.  
Not offered in 1954-55.
32. GERMAN ROMANTICISM—*Three hours a week.* Mr. Kelly.  
A study of the Romantic movement in Germany and its relations to English and French Romanticism. Prerequisite: *German 15-16* or the equivalent. Seminar in part. Semester course.  
Offered in 1954-55.
33. HISTORY OF GERMAN LITERATURE FROM ITS ORIGINS TO THE SEVENTEENTH CENTURY—*Three periods a week.* Mr. Pfund.  
Lectures in German, with collateral reading in modern German. Translation, discussion, written and oral reports. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Offered in 1955-56 and alternate years.
34. HISTORY OF GERMAN LITERATURE FROM THE SEVENTEENTH CENTURY TO THE PRESENT—*Three periods a week.* Mr. Pfund.  
A survey course with lectures in German. Collateral reading, discussions, written and oral reports. Prerequisite: *German 15-16* or the equivalent. Semester course.  
Not offered in 1954-55.
- SEMINAR COURSES—*Three hours a week:*  
Prerequisite: At least one course beyond *German 15-16.*
36. GERMAN LYRIC POETRY—Mr. Pfund.  
Not offered in 1954-55.

37. FAUST—Mr. Pfund.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

Offered in 1954-55.

38. RICHARD WAGNER—Mr. Kelly.

A study of Wagner's music dramas and theoretical writings, with special reference to their place in the history of ideas.

Not offered in 1954-55.

81 or 82. *Three hours a week*. Mr. Kelly and Mr. Pfund.

Individual work in various fields of German culture, such as literary theory, Baroque literature, and contemporary literature. Prerequisite: Satisfactory completion of at least one course in the Department beyond *German 15-16*. May be repeated for credit with change of content. Semester course.

Offered annually.

## Greek

THE WORK in Greek can be modified to suit the needs of individual students. The elementary course provides some insight into the culture of the ancient Greeks, and into linguistic problems generally, besides leading to a knowledge of Greek adequate for the reading of the Gospels and of easy classical authors. More advanced courses are intended for students with an interest in history, philosophy, or literature; the authors read are studied for their value in these fields. Students are encouraged, to the extent of their capacity, to develop an imaginative understanding of art, philosophy, and science as forces in human life. The special contribution of the Greeks in these fields will be assessed and its significance in European history and in current education will be noted. A knowledge of Greek is a great asset in many fields of graduate study.

### Major Requirements

Greek 31, 32, and four half-year courses selected in consultation with the Major Supervisor; Greek 100.

Three additional courses to be arranged in conference with the Major Supervisor.

If Greek 21, 22 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history, and Greek civilization.

11, 12. ELEMENTARY GREEK—*Three periods a week*. Mr. Post.

Thorough study of the elements of the language followed by the reading of simple prose. This course should be taken in the Freshman year, if possible. Year course.

Offered annually.

21, 22. INTERMEDIATE GREEK—*Three periods a week.* Mr. Post.

A rapid reading course in such authors as Homer, Euripides and Plato. Prerequisite: *Greek 11, 12* or the equivalent. Semester courses.

Offered annually.

29. GREEK LITERATURE IN ENGLISH—*Three periods a week.* Mr. Post.

(Also called *English 29.*)

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Prerequisite: Sophomore standing. Semester course.

Offered annually.

31, 32. ADVANCED GREEK—*Three periods a week.* Mr. Post.

Selections from Thucydides, Menander, Aristophanes, and the tragedians are read. Prerequisite: *Greek 21, 22.* Semester courses.

Offered annually.

61, 62. ADVANCED GREEK—*Three periods a week.* Mr. Post.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, literature, or composition in connection with the reading of Greek authors. May be repeated for credit with change of content. Prerequisite: *Greek 31, 32.* Semester courses.

Offered annually.

## History

THE COURSES IN HISTORY are designed to give some conception of the development of the civilizations which exist in Europe and in the United States today. Since history is the story of what men have done, it is related to every other field in the curriculum, but the limitation of time forces a selection of those aspects of human activity which can be treated in any course. An attempt is made to give a reasonably rounded view of those developments which are deemed most important in the period under consideration as a background for understanding other subjects in the fields of the humanities and the social sciences. With a variation of emphasis in each course, caused in part by the nature of the growth of civilization in the period and in part by the amount and the kind of historical evidence which has survived, attention is given to such phases of development as the political, constitutional, social, economic, religious, and intellectual. History 11-12 is intended to be an introductory course, and, although it is not a prerequisite for the election of any other course in the Department, it is recommended for those who major in History.

The study of history provides a background against which current problems of internal and external policies may be viewed to advantage. It also helps to develop critical standards for the evaluation of evidence which can often be applied in forming opinion with regard to the solution of such problems. Finally, it is useful as a foundation for professional studies not only in history but also in such subjects as public administration, journalism, and law.

### Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 11-12 and History 13-14; History 100.

Two full-year courses or their equivalent in related departments.

Written examinations of three hours each in four fields.

#### 11-12. INTRODUCTION TO WESTERN CIVILIZATION—*Three periods a week.*

Mr. MacCaffrey.

A study of Western European civilization from the fall of Rome to the present. The course will be concerned with the development of major political, social, and economic institutions from feudalism to the modern state, with the history of Latin Christianity in its various forms, and with the major intellectual currents in Western Europe history. Firsthand materials as well as secondary historical accounts will be the basis for conference discussion. Open to Freshmen and Sophomores. Year course.

Offered annually.

#### 21-22. FOUNDATIONS OF THE UNITED STATES, 1492-1865—*Three periods a week.* Mr. Drake.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen. Year course.

Offered annually.

#### 23-24. MEDIEVAL HISTORY—*Three periods a week.* Mr. MacCaffrey.

A survey of European development from the fall of Rome to about 1500. Occasional lectures, extensive reading, papers and discussion, with a final examination. Open to Sophomores who have had History 11-12, and to Juniors and Seniors without prerequisite. Admission by permission of instructor. Year course.

To be offered in 1955-56 and alternate years.

#### 25-26. MODERN EUROPEAN HISTORY—*Three periods a week.* Mr. MacCaffrey.

The main currents of European institutional and intellectual developments since about 1500. Class discussion with occasional lectures, frequent papers. Open to Sophomores who have had History 11-12, and to Juniors and Seniors without prerequisite. Year course.

Offered in 1954-55 and alternate years.

27. ANCIENT HISTORY OF THE NEAR EAST—*Three periods a week.* Mr. Flight.  
(See *Biblical Literature* 27.)

28. GREEK HISTORY—*Three periods a week.* Mr. H. Comfort.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required. Not open to Freshmen. Semester course.

To be offered in 1955-56 and alternate years.

29-30. ROMAN HISTORY—*Three periods a week.* Mr. H. Comfort.

(See *Latin* 29-30.)

31-32. NATIONAL DEVELOPMENT OF THE UNITED STATES, 1865 TO THE PRESENT—*Three periods a week.* Mr. Drake.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors. Year course.

Offered annually.

33-34. ENGLISH POLITICAL AND CONSTITUTIONAL HISTORY—*Three periods a week.* Mr. MacCaffrey.

A survey of British historical development from the coming of the Anglo-Saxons to the present. Although primarily political and constitutional, the course will include consideration of major intellectual and social trends. Extensive reading both in sources and secondary works will form the basis for conference discussion. Open to Juniors and Seniors. Year course.

To be offered in 1955-56 and alternate years.

35-36. THE FOUNDATIONS OF MODERN BRITAIN, 1450-1750—*Three periods a week.* Mr. MacCaffrey.

A study of British history from the end of the Middle Ages to the beginning of the Industrial Revolution. The rise of the modern British state, economic expansion at home and abroad, the religious revolutions, and the new currents in political and social thought will be among the topics included. Extensive reading with frequent papers and class discussion. Open to Juniors and Seniors. Year course.

Not offered in 1954-55.

## History of Art

UNDER the co-operative arrangement between the Colleges, Haverford students who wish to take advanced courses in History of Art may do so at Bryn Mawr College. The introductory course is given at Haverford.

21-22. INTRODUCTION TO THE HISTORY OF ART—*Three periods a week.*  
Mr. Bernheimer.

This course deals with the history of Western art from its beginning in ancient Greece to modern times, with emphasis upon the Christian periods. It is conceived as a history of human values in terms of the visual forms in which they have been cast. The course parallels *Humanities 21-22*. In order to bring out the human significance of art, religious and philosophical ideas are discussed as they influenced the form and subject matter of art.

An introductory section deals with aesthetic principles and their application in the fields of painting, sculpture, and architecture. The purpose of the course is threefold: to widen the student's comprehension of past attitudes and beliefs so that he will be better able to understand his own; to enlarge his range of aesthetic appreciation; and to give him the technical knowledge required for further studies in the history of art. Not open to Freshmen. Year course.

Offered annually.

## Latin

THE LATIN DEPARTMENT offers instruction in the language, literature and civilization of the Roman people. Knowledge of the Latin language is fundamental to an understanding and proper use of the English and Romance languages; familiarity with the Latin classics is an indispensable background for the Western European literary tradition; and the history and civilization of Rome provide an explanation of, and parallels to, many pressing contemporary political, economic, social, and religious problems.

Principal emphasis is laid upon meeting the Roman legacy through the medium of the Latin language; but for those whose knowledge of Latin is too limited for this purpose, Latin 29-30 offers an opportunity to do so from the historical approach.

### Major Requirements

Four full-year courses (except Latin 11-12), some of which may be taken at Bryn Mawr College; Latin 100. The Latin Department reserves the right to exclude Latin 13-14, in individual cases, from consideration as fulfilling a part of the Major requirements.

Four additional semesters in other departments, to be arranged in conference between the student and the Major Supervisor.

A written comprehensive examination. Candidates for Honors must pass an oral examination also.

11-12. ELEMENTARY LATIN—*Three periods a week.* Mr. H. Comfort.

A rapid introduction to basic Latin grammar and vocabulary, leading to the reading of a classic Latin author. Year course.

Offered annually upon sufficient demand.



- 13-14. **LATIN LITERATURE**—*Three periods a week.* Mr. H. Comfort.  
For students offering two or three years of preparatory Latin. Review of grammar and vocabulary; reading in Vergil and other authors. Year course.  
Offered annually.
- 15, 16. **LATIN LITERATURE**—*Three periods a week.* Mr. H. Comfort.  
For students offering *Latin 13-14* or four years of preparatory Latin. Reading of Roman comedy, and of authors of the Republic and the Augustan Age. Semester courses.  
Offered annually.
- 23, 24. **INDIVIDUAL TOPICS IN LATIN LITERATURE**—*Three periods a week.*  
Mr. H. Comfort.  
Systematic study of one or more aspects of Latin literature and Roman life. Prerequisites at the discretion of the Latin Department. May be repeated for credit with change of content.  
Offered annually, either semester.
- 29-30. **ROMAN HISTORY**—*Three periods a week.* Mr. H. Comfort.  
(Also called *History 29-30.*)  
A survey of Hellenistic and Roman history, with readings among the Latin authors in translation, and occasional reports. No knowledge of the Latin language is required. Prerequisite: Sophomore standing. Year course.  
To be offered in 1954-55 and in alternate years.

## Mathematics

THE AIMS of courses in Mathematics are: (1) to promote rigorous thinking by exhibiting a systematic, deductive, intellectual discipline; (2) to explain the role which Mathematics has played in the development of the culture of our age; (3) to foster technical competence in Mathematics as an aid to the better comprehension of the physical, biological, and social sciences.

Freshman Mathematics emphasizes mathematical ideas rather than techniques of computation. It is designed as a terminal course for the non-specialist who plans to take only one year of Mathematics as well as the beginning course prerequisite to further work in the Department.

The more advanced courses cover work in the fields of analysis, algebra, geometry, and statistics. The student majoring in the Department extends his studies into all of these areas; he may prepare for teaching in preparatory school, for graduate study leading to college teaching or industrial research, or for statistical and actuarial work.

The sequence in analysis and algebra, Mathematics 15-16, 31, 32, 33, 34,

63, is especially suited to the needs of the physical sciences, while Mathematics 14 and 38 deal with those concepts of statistics and probability which are fundamental to the biological and social sciences.

### Major Requirements

Mathematics 11, 12 (or 14), 15-16, 31, 32, 33, 34, 35, 40, 63, 82 and 100.

Recommended collateral courses are Physics 13-14, 32, 61, 62; Astronomy 31, 32, or, for prospective actuaries, Economics 21-22, 37.

Prescribed parallel reading on the history and general principles of mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required for Final Honors.

It is recommended that facility in reading French and German be acquired as early in the college course as possible.

- 11, 12. FRESHMAN MATHEMATICS—*Four periods a week.* Mr. James, Mr. Oakley, and Mr. Wisner.

An introductory course designed to present the fundamental concepts of modern Mathematics and to give numerous applications of these concepts to practical problems in the natural and social sciences. Topics included are: logic and the nature of mathematical proof, the number system, statistics and probability, functions and graphs, plane analytic geometry, and elementary calculus. Year course.

Offered annually.

14. INTRODUCTION TO STATISTICS—*Three periods a week.* Mr. Oakley.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and computing laboratory. Prerequisite: *Mathematics 11.* Semester course.

Offered annually.

- 15-16. CALCULUS—*Three periods a week.* Mr. James and Mr. Wisner.

Differential and integral calculus, with applications. Prerequisite: *Mathematics 11, 12.* Year course.

Offered annually.

31. DIFFERENTIAL EQUATIONS—*Three periods a week.* Mr. Oakley.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite: *Mathematics 15-16.* Semester course.

Offered annually.

32. ADVANCED CALCULUS—*Three periods a week.* Mr. James.

Advanced topics in calculus, including infinite series, elliptic integrals, partial

derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite: *Mathematics 15-16*. Semester course.

Offered annually.

33. THEORY OF EQUATIONS—*Three periods a week*. Mr. Wisner.

Advanced topics in the theory of equations; introduction to modern abstract algebra. Prerequisite: *Mathematics 15-16*. Semester course.

Offered in 1954-55 and alternate years.

34. VECTORS AND MATRICES—*Three periods a week*. Mr. Wisner.

The algebra of vectors, vector spaces, and matrices, with applications to mathematical physics. Prerequisite: *Mathematics 15-16, 33*. Semester course.

Offered in 1954-55 and alternate years.

35. ADVANCED ANALYTIC GEOMETRY—*Three periods a week*. Mr. Wisner.

Advanced plane and solid analytic geometry. Homogenous coordinates. Introduction to the geometry of n-dimensions. Prerequisite: *Mathematics 15-16*. Semester course.

To be offered in 1955-56 and alternate years.

38. MATHEMATICAL STATISTICS—*Three periods a week*. Mr. Oakley.

Theoretical presentation of the mathematical background of elementary statistics and probability. Prerequisite: *Mathematics 15-16, 14*. Semester course.

To be offered in 1955-56 and alternate years.

40. DIFFERENTIAL GEOMETRY—*Three periods a week*. Mr. Wisner.

The differential geometry of curves and surfaces. Introduction to vector and tensor analysis. Prerequisite: *Mathematics 15-16, 35*. Semester course.

To be offered in 1955-56 and alternate years.

61, 62. INTRODUCTION TO MATHEMATICAL PHYSICS—Mr. Benham and Mr. Sutton.

(See *Physics 61, 62*.)

63. INTRODUCTION TO ANALYSIS—*Three periods a week*. Mr. James.

Rigorous treatment of fundamental ideas in analysis; real and complex numbers, functions, limits, continuity, differentiation, and integration. Applications to Fourier Series and differential equations. Prerequisite: *Mathematics 31, 32*. Semester course.

Offered annually.

81 or 82. SPECIAL TOPICS—*Three hours a week.* Members of the Department.

Project courses involving wide reading in the literature, and presentation of papers for group discussion. The content varies from year to year to suit the needs of advanced students. The course may be repeated for credit with change of content. Semester courses.

Offered annually.

## Music

THE COURSES offered in Music have as their objective (1) the stimulation of the creative energies of the student through musical composition, and (2) the development of an understanding of music through the study of history and important writings on musical subjects, as well as through the analysis of musical compositions from all periods. In furthering and strengthening the discipline of music the College has no intention of training musicians by conservatory methods. The intention is rather to form enlightened workers in the field of music. Experience has shown that students in the fields of composition and musicology can be effectively aided by the joint offerings of Haverford, Bryn Mawr, and the University of Pennsylvania. At Haverford the program seeks to stimulate free composition in the vocal and instrumental forms with a view to public performance by professionals of successfully completed works.

The College does not grant academic credit for training in voice, or the playing of instruments.

### Major Requirements

Three full year courses in music and six semester courses or their equivalent from such related fields of the Humanities, History of Art, Languages and Science as may be approved by the Department.

The Major comprehensive examination will consist of:

1. An examination in the history of music.
2. The presentation by the candidate of a musical composition in one of the larger instrumental forms, or a vocal work. In cases where the candidate has not been sufficiently trained in musical composition, the examination may be confined to music history. In such cases the candidate's work is expected to be at a high musicological level.
3. A small composition to be completed during the examination period.

11-12. ELEMENTARY MUSIC THEORY—*Three periods a week.* Mr. Reese.

This course deals with the general foundations of the musical language—scales, intervals, rhythm, formation of melodic patterns and their notation—and includes elementary chord formation (introduction to harmony). Ear training is an important adjunct throughout the course.

21-22. **ADVANCED HARMONY AND COUNTERPOINT**—*Two class periods and one laboratory period a week.* Mr. Swan.

No sharp line is drawn between harmony and counterpoint. Students will be free to select the method of harmonization, provided they can show a knowledge of both vertical and horizontal construction. Starting with exercises in two- and three-part writing the student will proceed to the composition of short pieces, scoring them for strings or voices. (A piano exposition is also permissible.) The work is done individually, the class periods being used for the discussion of common problems. Prerequisite: *Music 11-12*, or its equivalent.

31-32. **SEMINAR IN ADVANCED MUSICAL COMPOSITION AND HISTORY**  
—*One three-hour period a week.* Mr. Swan.

The seminar is intended for the demonstration of the work in composition of the advanced students and music majors. A detailed historical survey is made of the larger forms of composition, with especial emphasis on the history of the sonata. Each student is expected to choose one or two periods in music history in which he will do concentrated work.

## Philosophy

THE COURSES in Philosophy are intended first of all to acquaint students with the major currents of interpretation and reflection upon the recurring problems, such as the nature of man, the nature of the universe, the nature of the processes by which man apprehends and responds to that universe. Since these problems underlie the work of literature and furnish it with many of its most basic themes; since they underlie the presuppositions of political, sociological, and economic thought; since they reappear in the frame in which every thoughtful scientist works and affect not only the use to which his results will be put, but his very method, just as his methods have influenced in turn the formulation of the problems, the study of philosophy is an important tool in connection with work in any of these fields.

In the second place the courses in philosophy are designed to assist in integrating material presented in literature, history, the social and physical sciences, in art, and in religion in order to assist the student in drawing together what he has learned, and in approaching a more responsible, intentional, and intelligent world view with which to confront life.

The courses are so planned as to require such orientation as would be secured in either Philosophy 11 (which examines in an elementary way the great problems man confronts) or Philosophy 21-22 (which deals with these same problems as it presents the great classical philosophical thinkers chronologically) before proceeding to the more specialized philosophical disciplines such as ethics, aesthetics, logic, political philosophy, philosophy of science, philosophy of religion, and to more specialized studies of certain philosophical thinkers.

## Major Requirements

Philosophy 12, 21-22, 63-64 and two other half year courses in Philosophy. Philosophy 100.

Four half-year courses in related fields to be arranged in conference with the Major Supervisor.

A comprehensive examination in two parts; three hours on the history of philosophy and three hours on one optional field selected from topics in philosophy since 1800, or religious thought.

11. INTRODUCTION TO PHILOSOPHY—*Three periods a week.* Mr. Loewenberg, Mr. Foss and Mr. Parker.

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems. Semester course.

Offered annually.

12. ETHICS—*Three periods a week.* Mr. Foss and Mr. Parker.

A study of (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures, and papers. Prerequisite: One semester-course in Philosophy. Semester course.

Offered annually.

- 21-22. HISTORY OF PHILOSOPHY—*Three periods a week.* Mr. Foss and Mr. Ricoeur.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers; reports, lectures, and class discussions. Not open to Freshmen. Year course.

Offered annually.

23. CLASSICS OF RELIGIOUS LITERATURE—*Three periods a week.* Mr. Steere.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Francis de Sales, *Introduction to the Devout Life*; Pascal, *Thoughts*; John Woolman, *Journal*; Soren Kierkegaard, *Purity of Heart*; Von Hügel, *Letters*; George Tyrell, *Autobiography*. Semester course.

Not offered in 1954-55.

24. HISTORY AND PHILOSOPHY OF QUAKERISM—*Three periods a week.* Mr. H. J. Cadbury.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day

and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen. Semester course.

Offered in 1954-55.

25. CHRISTIAN EXISTENTIALISM—*Three periods a week.* Mr. Ricoeur.

An examination of the wide variety of philosophical and religious movements that have been described as existentialist with an attempt to assess their ultimate implications for the Christian religion.

Offered in 1954-55 only.

26. PHILOSOPHY OF ART—*Three hours a week.* Mr. Loewenberg.

An examination of the crucial issues in aesthetics and criticism, with special emphasis on the distinction between aesthetic experience and artistic creation, and on the different values said to inhere in works of art.

Offered in 1954-55.

27. LOGIC—*Three periods a week.* Mr. Parker.

The principles of valid inference and their application to reasoning in everyday life, and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

Offered annually.

28. PHILOSOPHY OF RELIGION—*Three periods a week.* Mr. Foss.

A study of the basic problems which the field of religion presents to a thoughtful mind. Prerequisite: One semester-course in philosophy. Not open to Freshmen. Semester course.

Not offered in 1954-55.

29. SOME ASPECTS OF RELIGIOUS LIFE AND LITERATURE SINCE THE REFORMATION—*Three periods a week.* Mr. Steere.

Luther and German Protestantism; Thomas More and the Erasmus Tradition in England; Ignatius of Loyola and the Society of Jesus; Theresa of Avila and Spanish Mysticism; Lancelot Andrews and 17th Century Anglican Piety; Isaac Penington and the corporate mysticism of the Quakers; John Wesley and the Evangelical Revival; John Frederic Oberlin and the rural apostolate; John Henry Newman and the Oxford Movement; Albert Schweitzer as critic of contemporary civilization; William Temple and the ecumenical movement; Evelyn Underhill and the "Life of the Spirit in the Life of Today"; Rufus M. Jones and the religious situation of our time. Lectures, reports, class discussions. Semester course.

Not offered in 1954-55.

32. NINETEENTH CENTURY THINKERS—*Three periods a week.* Mr. Steere.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Semester course.

Not offered in 1954-55.

33. **PHILOSOPHY OF SCIENCE**—*Three periods a week.* Mr. Benfey.  
Designed mainly for science Majors. A study of the development of scientific thought, the nature of scientific knowledge and methods, and the mutual influence of science and society. Prerequisite: Two years of natural science, and *Philosophy 11* or *21-22* or *27*, or consent of the instructor. Semester course. Not offered in 1954-55.
34. **RECENT AND CONTEMPORARY PHILOSOPHY**—*Three periods a week.*  
Mr. Parker.  
A study of some of the outstanding recent and contemporary philosophical movements in Europe and America. Prerequisite: *Philosophy 21-22*. Semester course. Offered in 1954-55.
35. **PHILOSOPHY IN LITERATURE**—*Three periods a week.* Mr. Loewenberg.  
Philosophic insights, distinctions, and problems, as they are expressed or implied in literature. The student will be expected to explore literary subject matter and to analyze its philosophic content. Shakespeare's *Sonnets* and Santayana's *Philosophical Poets* will be major texts.  
Offered in 1954-55. Limited to 15 students.
36. **RECURRENT PROBLEMS OF PHILOSOPHY**—*Three periods a week.* Mr. Loewenberg.  
An examination of the major ideas and tendencies as reflected in the persistent types of philosophy. The types studied will include subjectivism and scepticism; realism and idealism; intellectualism and mysticism; relativism and absolutism. William P. Montague's *Ways of Knowing* will be a major text.  
Offered in 1954-55.
41. **SEMINAR IN KANT**—*Three hours a week.* Mr. Loewenberg.  
An intensive study of Kant's *Critique of Pure Reason*. The Norman Kemp Smith translation will be used.  
Offered in 1954-55.
- 63-64. **PHILOSOPHICAL SEMINAR**—*Three hours a week,* Mr. Foss and Mr. Loewenberg.  
Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for Seniors majoring in Philosophy and for Graduate students. Prerequisite: *Philosophy 21-22*; Majors unless by special arrangement. Limited to ten students. Year course.  
Offered annually.
- 65-66. **THE DEVELOPMENT OF POLITICAL THOUGHT**—*Three hours a week.*  
Mr. Steere.  
A seminar course based upon the writings of selected political philosophers from Plato to the present day. Prerequisite: *Philosophy 11* or *21-22*; one semester



of Political Science; otherwise by consent of the Department. Limited to sixteen students. Year course.

Not offered in 1954-55.

81, 82. PROJECT COURSES—Individual consultation; supervised independent reading and research. Mr. Foss and Mr. Parker.

## Physical Education

COURSES in Physical Education are arranged in accordance with the plan for all-year physical training in the Freshman, Sophomore, and Junior years. The aim of this plan is to make possible active participation in athletics for the majority of students at Haverford College, with emphasis on the sports with carry-over value. Each student is required to take, during his first three years, nine terms (fall, winter, spring) of Physical Education or of certain non-academic courses (see p. 103), with a minimum of six terms in Physical Education: three in the Freshman year, two in the Sophomore year, and one in the Junior year.

A thorough medical and physical examination is given to each student upon entrance. Only those students whose physical condition is satisfactory will be permitted to take part in athletics. A tuberculin test is given to all Freshmen, followed by an x-ray if necessary, as part of this required examination. A swimming test is given to all entering students following the physical examination. This test must be passed by all students before graduation. Swimming instruction is given in the gymnasium pool during the early fall and late spring.

The outdoor facilities include: Walton Field for football and track, with a 440-yard oval and a 220-yard eight lane straight-away cinder track; the Class of 1888 and Merion fields for soccer, both of which are used for baseball and softball in the spring; a skating pond; Cope Field for cricket; an athletic field presented by the Class of 1916; a baseball field presented by the Class of 1922, used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923. There are six dinghies available during the spring and fall for those who wish to sail.

The indoor facilities are all included in the Gymnasium. The basement contains dressing rooms, showers, a swimming pool, a wrestling room, and a training room. Through the generosity of the Class of 1928, it has been possible to provide additional locker and dressing facilities, a new storage room for athletic equipment, and a laundry and drying room. A regulation basketball court is on the main floor and is used for Varsity and Junior Varsity basketball, the interclass and intramural program, and for

instruction in Physical Education. Adjoining this floor are dressing facilities for instructors, coaches and officials, and rooms for the administration of medical and physical examinations. A special section for corrective and body-building work, an indoor track, a trophy room, and the administrative offices are located on the second floor.

## Physics

COURSES in Physics are intended to acquaint students with fields of knowledge important to our civilization, to train them in analytical thinking, to give them an appreciation of scientific methods, and to help them gain first-hand experience and insight into the methods of experimental investigation.

Students of chemistry, engineering, mathematics, medicine, physics or other sciences will find the foundation offered by General Physics (Physics 13-14) indispensable. Physics 13-14 is ordinarily taken in the Sophomore year after Mathematics 11-12 or Physical Science 11 and 12, but Freshmen with adequate preparation may be admitted after consultation.

For the student with professional aims in science, the Department offers courses leading to a Major in Physics which should equip a man to enter graduate school or industry on a favorable footing. Sound knowledge of mathematics is essential. Ability to understand and use the calculus is assumed in most of the advanced courses. The Department desires to cultivate in its Major students independence of thought and initiative at progressive levels of maturity; to that end, a sequence of courses following Physics 13-14 has been arranged, culminating in Physics 81, 82. The latter offers opportunity to conduct an extended individual investigation with training in the mastery of theory and experiment, and with emphasis upon independence and the ability to express oneself clearly both orally and in writing on the subject of investigation. Physics 81, 82 is not, however, limited to students majoring in Physics; it may be elected by others after consultation.

Physics 21 and 22 are open to qualified students who seek a broad understanding of modern concepts of matter and radiation. Physics 24, 32, 33-34 and 61, 62 are recommended to students of chemistry, mathematics, and engineering who plan to do graduate work.

### Major Requirements

*Physics 13-14, 33-34, 81, 82, 100, and two semesters selected from 61, 62, 63 or 64, constitute the minimum requirement of courses in this Department. In addition, further choice from Physics 21, 22, 24 and 32 is recommended.*

Mathematics through differential equations.

History of physics (collateral reading) in course 100.

A written comprehensive examination in two parts: (a) on general physics and

history treated comprehensively; (b) on an extended, open-book problem designed to test each individual's ability to correlate his knowledge. The granting of Honors in Physics is based upon excellence (an average of 85 or better) in course work, particularly in Physics 81, 82, and evidence of accomplishment beyond the usual course requirements.

Students who desire to combine a Major in Physics with advanced work in some other related department may do so by special arrangement between the two departments concerned. In such cases, a program is mapped out with some modification of the requirements normally expected of a Major in a single department.

13-14. GENERAL PHYSICS—*Four hours. Three class periods and one laboratory period a week.* Mr. Sutton, Mr. Benham and Mr. Lemonick.

This is the basic course for work in physics, engineering, chemistry or other sciences. Mechanics, sound, heat, electricity, and light are studied with the help of problems, laboratory experiments, lecture demonstrations, and discussion. This course is commonly taken in the Sophomore year, but qualified Freshmen are admitted after consultation. Algebra and trigonometry are essential and the methods of calculus are frequently employed. Freshmen must offer four years of high school mathematics and a year of high school physics or chemistry, and should take *Mathematics 11, 12* or *21-22* concurrently. Sophomores who have passed *Mathematics 11, 12* or *Physical Science 11 and 12*, or both, will be admitted. Year course.

Offered annually.

21. ATOMIC PHYSICS (EXTRANUCLEAR)—*Three hours. Three class periods a week and occasional laboratory periods.* Mr. Lemonick.

A course of lectures, experiments, discussion and readings emphasizing the development of the extranuclear aspects of modern physics: electrons, ions, conduction of electricity in gases, x-rays, spectroscopy, photoelectricity, and kindred topics. Together with Physics 24, this course covers a wide range of present day physics and chemistry. Some of the more theoretical aspects are reserved for Physics 62. Prerequisite: *Physics 13-14*, or consent of the instructor. Semester course.

Offered annually.

22. ATOMIC PHYSICS (NUCLEAR)—*Three hours. Three class periods a week and occasional laboratory periods.* Mr. Lemonick.

A continuation from Physics 21 of the study of atomic structure, particularly with respect to the present understanding of the atomic nucleus: natural and induced radioactivity, stable nuclei, mass spectroscopy and isotopes, nuclear reactions, high energy accelerators, cosmic rays. Prerequisite: *Physics 21*, or consent of the instructor.

Offered annually.

24. PHYSICAL OPTICS—*Three hours. Three class periods a week and frequent laboratory periods.* Mr. Sutton.

A study of the principles of physical optics covering systematically such fields as refraction, diffraction, interference, and polarization, with an introduction to Maxwell's equations. Prerequisite: *Physical Science 11, 12*, or *Physics 13-14*.

32. MECHANICS—*Three class periods a week.* Mr. Sutton.

Analytical mechanics, treating the statics, kinematics, and dynamics of particles and rigid bodies. Discussion and problems on the application of calculus, differential equations and vector methods to mechanical systems, including an introduction to Lagrange's equations and the special theory of relativity. This course and *Physics 61, 62* are complementary. Prerequisite: *Physics 13-14* and *Mathematics 21-22; Mathematics 31* must be taken previously or concurrently. Semester course.

Not offered in 1954-55.

33-34. ELECTRICITY AND MAGNETISM—*Four hours. Three class periods and one laboratory period a week.* Mr. Benham.

A course of lectures, readings, and laboratory experiments designed to familiarize the student with precision electrical measurements. Solutions of electrostatic problems, Gauss's theorem, potential, capacitance, magnetic circuits, transient and alternating current, and the laws of the electromagnetic field are among the topics treated. Prerequisite: *Physics 13-14* and *Mathematics 21-22; Mathematics 31* must be taken previously or concurrently. Year course.

Offered annually.

61. INTRODUCTION TO MATHEMATICAL PHYSICS—*Three class periods a week.* Mr. Sutton.

(Also called *Mathematics 61.*)

Readings and problems on selected topics in classical mathematical physics, aimed to develop appreciation of theory and skill in the use of mathematical tools for the solution of physical problems and in the interpreting of mathematical consequences physically, with emphasis upon the fuller understanding of differential and integral processes and the development of vector methods. Prerequisite: *Physics 13-14* and *Mathematics 31*. Semester course which, when linked with *Physics 62* or *Astronomy 31* or *32*, offers a year of theoretical physics, but qualified students may take either semester of *Physics 61* or *62* alone.

Offered annually.

62. MATHEMATICAL METHODS IN MODERN PHYSICS—*Three class periods a week.* Mr. Sutton.

(Also called *Mathematics 62.*)

Readings and problems in electron physics, the theory of atomic and nuclear structure, wave mechanics and related fields. Prerequisite: *Physics 13-14* and *Mathematics 31; Physics 21* and *61* are also recommended but not required. Semester course.

63. ELECTRONICS—CIRCUIT THEORY. *Four hours. Three class periods a week and one laboratory period.* Mr. Benham.

This course includes the study of resonant circuits, coupled circuits, filter networks and impedance matching. Laboratory experiments are designed to

give the student experience in the relation of theory to practice. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.

Offered annually.

64. **ELECTRONICS—VACUUM TUBE CIRCUITS.** *Four hours. Three class periods a week and one laboratory period.* Mr. Benham.

Electron theory, study and application of vacuum tubes, and problems pertaining to design and analysis of typical circuits employing them. Prerequisite: *Physics 33-34* or *Engineering 33-34*, or consent of instructor.

Offered annually.

- 81, 82. **PHYSICS SEMINAR—***Three hours. One meeting a week and individual study and laboratory work.* Mr. Sutton, Mr. Benham and Mr. Lemonick.

Individual work in selected fields of investigation. Each student pursues comprehensive reading and sustained experimental work on a problem. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation. Each student becomes familiar with problems other than his own and gains experience in presenting his own work. Students who major in Physics are expected to take two semesters, but the course is not restricted to Major students. Qualified Juniors or Seniors may, by permission, elect either one semester or two. Also, the course may be repeated for credit with change of content. The granting of Honors depends heavily upon performance in this course.

Offered annually.

## Political Science

THE POLITICAL SCIENCE CURRICULUM is designed to give students an understanding of political organization and political forces in modern society, to provide knowledge and a basis for insight and judgment on the problems involved in the relationship of the individual to government and of governments to one another. The broad areas of study include: analysis of political theory in relation to its institutional environment; comparison and appraisal of different types of governments and political organization; American political institutions; and problems of international relations.

The tools of analysis include theory and experience. The purposes and the actual workings of political institutions are appraised. In advanced courses, emphasis is placed upon individual research and analysis—practice in location, organization, and presentation of data, and independent judgment.

The courses are designed primarily for a liberal arts education and are intended to create intelligent and lasting interest and participation in the formulation of public policy. The training will also serve the practical needs of those men contemplating professional careers which involve an under-

standing of modern government, such as law, journalism, and the public service.

Men majoring in political science are expected to understand the relationship of this field to other social studies and also the purposes and methods of the social sciences as a whole. They are thus expected to take supporting courses in economics, history, and sociology.

### Major Requirements

Political Science 21, 22, 100 and six other courses in Political Science distributed among the areas of study indicated above.

At least four other semester courses in social sciences other than Political Science.

A comprehensive examination covering the major fields of study. The comprehensive examination includes seminar participation.

Candidates for Honors are required to submit a thesis of independent research work. Such thesis may obtain course credit through *Political Science 81* or *82*.

*Economics 21, 22, Mathematics 14, and Sociology 61* are recommended for Political Science Majors.

21. FREEDOM AND CONTROL: Foundations of Western Political Thought—*Three periods a week.* Mr. Somers, Mr. Haviland, and Mr. Scott.

An analysis of the development of the main currents of western political thought, studied primarily through the original works of thinkers who have had greatest influence in shaping modern ideas and institutions, with special reference to the central issue of reconciling individual liberty with social control. Prerequisite: *Social Science 11-12*.

Offered annually.

22. MODERN POLITICAL INSTITUTIONS AND ISSUES—*Three periods a week.* Mr. Somers, Mr. Haviland, and Mr. Scott.

A comparison and analysis of modern governmental institutions and practices with reference to their theoretical foundations. Central problems of government will be examined in relation to comparative structures, administration, and operative ideals. Special attention will be devoted to the United States, which will also be used as a basis of comparison. Prerequisite: *Social Science 11-12*.

Offered annually.

*Political Science 21* and *22* are designed as a year course. Together they present the basic elements for understanding of modern politics for students who will continue in political science as well as for those who do not intend to take additional courses in this field. With permission of the Department either semester may be taken independently.

31. PARTIES, PRESSURES, AND PUBLIC OPINION—*Three periods a week.* Mr. Somers.

A study of political parties, their organization and techniques, as an instru-

ment of democratic government; the relationship of private associations and interest groups to the party system; the role of such associations in a democracy; and the struggle for power with relation to public opinion and theories of the public interest. Prerequisite: *Political Science 21* and *22*. Semester course. Offered annually.

32. CONSERVATION OF NATURAL RESOURCES—Mr. White.

(See *Geography 32*.)

33. AMERICAN CONSTITUTIONAL DEVELOPMENT—*Three periods a week*. Mr. Roche.

A study of the development of the American constitution through judicial interpretation, related to the changing political, social, and economic problems of the United States. Definitive Supreme Court cases shaping the course of American development will serve as the primary basis of study. Prerequisite: *Political Science 21* and *22*. Semester course.

Offered in 1955-56 and alternate years.

34. SOCIAL INSURANCE AND PUBLIC WELFARE—*Three periods a week*. Mr. Somers.

(Also called *Economics 34* and *Sociology 34*.)

A study of the economic and political problems encountered in attempts to cope with the hazards of modern industrial society, including unemployment, disability, and old age, through systems of social security. Methods of prevention and alleviation, with particular reference to social insurance and related governmental programs and the nature of public interest in individual disaster are examined. Prerequisite: Either *Political Science 22*, *Economics 21* or *Sociology 22*. Semester course.

Offered in 1954-55 and alternate years.

38. GOVERNMENT ADMINISTRATION AND PUBLIC POLICY—*Three periods a week*. Mr. Somers.

A study of administration as a central element of contemporary society with special reference to the problems involved in the decision-making process; administrative theory and process in relation to the formulation and execution of public policy. The approach is analytical rather than descriptive and based, in large measure, on case studies. Prerequisite: *Political Science 21* and *22*. Semester course.

To be offered in 1955-56 and alternate years.

39. MARKET ORGANIZATION AND PUBLIC POLICY—*Three periods a week*. Mr. Hunter.

(See *Economics 39*.)

41-42. THE SOVIET SYSTEM—Mr. Hunter.

(See *Economics 41-42*.)

51. AMERICAN FOREIGN POLICY—*Three periods a week.* Mr. Haviland.  
A critical analysis of the forces which shape United States foreign policy including its objectives, methods, and consequences. Major emphasis will be placed on the preparation of project papers concerning specific contemporary issues in United States foreign policy. Prerequisite: *Political Science 22*. Semester course. Offered in 1954-55 and alternate years.
- 53-54. INTERNATIONAL RELATIONS: ECONOMIC AND POLITICAL—*Three periods a week.* Mr. Haviland.  
(Also called *Economics 53-54*.)  
An examination of the major factors which condition international relations, with special emphasis on political and economic aspects. The first semester's work focuses on certain basic elements: physical and human resources, fundamental economic and political concepts (e.g., trade, investment, nationalism, and imperialism) and some analysis of the interaction of these factors prior to World War II. This background provides the basis for an intensive examination, during the second semester, of selected area and functional problems as they have taken shape since World War II. This study will terminate with group or individual projects involving some field work. Prerequisite: *Economics 22* and *Political Science 22*. Year course.  
Offered annually.
55. COMPARATIVE GOVERNMENT—*Three periods a week.* Mr. Roche.  
An advanced, functional analysis of the political, social and economic institutions of contemporary European democracy. Emphasis is placed on the changing role of government in society, on the political and economic forms that have been developed to meet new needs, and on the impact of these new developments on traditional democratic theory. Prerequisite: *Political Science 22*. Semester course.  
Offered in 1955-56 and alternate years.
56. INTERNATIONAL LAW AND ORGANIZATION—*Three periods a week.*  
Mr. Haviland.  
A critical analysis of the evolution of major instrumentalities for the achievement of world order and law. Particular attention will be given to the League of Nations, the United Nations, the Specialized Agencies, and various proposals for regional and world government. Prerequisite: *Political Science 22*. Semester course.  
To be offered in 1955-56 and alternate years.
57. AMERICAN POLITICAL THOUGHT—*Three periods a week.* Mr. Scott.  
An approach to understanding the enduring significance of the American heritage through the study of outstanding political and social writings. Prerequisite: *Political Science 21*. Semester course.  
Offered in 1954-55 and alternate years.



64. MODERN POLITICAL AND SOCIAL THEORY—*Three periods a week.* Mr. Scott.

(Also called *Sociology 64.*)

A study of leading political doctrines of the nineteenth and twentieth centuries which have had major influence in shaping the issues and conflicts of the modern world. Prerequisite: *Political Science 21* and *22*; or *Sociology 21-22*. Semester course.

Offered annually.

81, 82. INDEPENDENT PROJECT COURSES—*Individual consultation; supervised independent reading and research.* Mr. Somers and Mr. Haviland.

Research papers and oral reports on special topics based upon the individual interests of advanced students. Open only to Senior Social Science Majors by permission of the instructor. Theses of candidates for Honors may be written for credit in this course. Limited enrollment. May be taken as semester or year course by arrangement with instructor.

Offered annually.

## Psychology

COURSES in Psychology are intended to acquaint the student with an understanding of principles of human behavior as derived from psychological theory and investigation. The subject deals primarily with the relationship of the individual and his environment. The curriculum contributes to the intellectual development and liberal education of the student by providing a systematic attempt to interpret the facts of experience and behavior and to examine the possible contributions of the science of psychology to other areas of specialization.

### Major Requirements

A major program in psychology requires twelve semester courses as follows: Psychology 21, 22, 32, 33, 61, and 100; Psychology 34 or Sociology 61; Sociology 21, 22; Mathematics 14; two additional courses, one in psychology and one to be chosen from a prescribed list of courses in biology, economics, political science, and sociology.

A comprehensive examination is given in the Senior year.

21, 22. GENERAL PSYCHOLOGY—*Three hours.* Mr. Campbell.

A psychological approach to the study of human behavior. The continuity and interrelationship of individual and social behavior will be emphasized. The course has been designed to provide a groundwork for those who plan to do further work in psychology and a survey of the field for those interested in the application of psychological principles to other areas of specialization. Prerequisite: *Social Science 11-12.*

Offered annually.

32. HUMAN RELATIONS—*Three hours.* Mr. Campbell.  
(Also called *Sociology 32.*)

The course is designed to increase the understanding of social relations in modern society. Problems of interpersonal, intra-groups, and inter-group relationships will be examined within the framework of principles of social psychology. Prerequisite: *Sociology 21, 22, or Psychology 21, 22.* Semester course.

Offered annually.

- 33, 34. EXPERIMENTAL PSYCHOLOGY—*Two class periods and one laboratory period a week.* Mr. Heath.

Several important problem areas in contemporary psychology will be intensively studied. While emphasis will be placed on modern theoretical issues and experimental work in learning, thinking, perception, and the motivational aspects of personality, the historical context out of which these problems have developed will also be discussed. Laboratory sessions will deal with the application of experimental method and appropriate statistical techniques to problems discussed in class. Prerequisite: *Psychology 21, 22.*

Offered annually.

61. THEORIES OF PERSONALITY—*Three periods a week.* Mr. Heath.

The course will consist of an extensive survey of a number of different theories of personality. Included will be the theories of Allport, Lewin, and the "non-directive" school. The psychoanalytic theories of Freud and Jung, of the neo-psychoanalysts, and of the inter-personal relationship school will be studied more intensively and critically. Reading will be in the original sources. Prerequisite: *Psychology 21, 22.* Semester course.

Offered annually.

62. PSYCHOLOGY IN MENTAL HYGIENE—*Three periods a week and occasional visits to clinics.* Mr. Heath.

Development of the normal personality from birth to maturity will be discussed. While some consideration will be given to the intellectual development of the child and adolescent, major attention will be focused on the normal adjustive problems of different age levels and the various methods used to modify and control behavior. Group discussion and analysis of case history material will supplement extensive readings in the experimental, clinical, and theoretical literature. Prerequisite: *Psychology 61* and the consent of the instructor. Semester course.

Offered annually.

- 81, 82. SPECIAL TOPICS IN PSYCHOLOGY—Mr. Campbell and Mr. Heath.

A seminar for special work in restricted fields of psychology. A project course. Elective for Seniors by consent of the instructor. This course may be repeated for credit with change of content. Semester course.

Offered annually.

**READING COUNSELING.** Mr. F. D. Comfort.

This program offers an opportunity for students to improve their reading proficiency. Few students, if any, have realized their real potentiality in this field. Through a series of conferences, methods of developing higher level reading skills are explored. Any student who is willing to concentrate upon it, while reading for his various subjects, will find that he can increase his speed and comprehension. Also, by giving thought to the different purposes of reading, and practicing methods appropriate to each purpose, he may increase his adaptability, making each type of reading more effective. No credit.

## **Romance Languages**

**ADMISSION** of new students to all French and Spanish courses except French 11-12 and Spanish 11-12 is contingent upon placement examinations administered by the Department prior to the opening of such courses.

Opportunity is given to students who complete French 11-12, Spanish 11-12 or Spanish 13-14 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study.

Residence in the French and Spanish Houses and participation in the Cercle français and Club español afford an opportunity for supplementary oral practice.

Students who might profitably spend their Junior year in France or Spain are encouraged by the Department to apply for admission to the institutions sponsoring foreign study groups.

Students majoring in Romance Languages are encouraged to spend a summer in France or Mexico. Foreign summer schools and projects sponsored by the American Friends Service Committee and other organizations offer exceptional opportunities in this regard.

### **FRENCH**

The program of French courses offers students an opportunity:

- 1) to learn to read, understand, speak and write French. In French 11-12 emphasis is placed on the ability to read and pronounce French. In French 13-14 a special effort is made to teach students to understand spoken French. French 21 and 22 are planned for the benefit of students primarily interested in learning to speak and write French;
- 2) to achieve an understanding of the basic attitudes implicit in a foreign culture which has exerted a profound influence in the shaping of western civilization;
- 3) to read with an increasing awareness of philosophical, moral, aesthetic and social implications the most significant French literary works.

## Major Requirements

French 23-24, 25-26, 81 or 82, and 100.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

### 11-12. INTRODUCTION TO FRENCH LANGUAGE AND THOUGHT — *Three periods a week.* Mr. Gutwirth and Mr. Hornik.

First semester: Study of those aspects of French grammar without a knowledge of which one cannot read French intelligently. Training in pronunciation. Second semester: Reading of authors who have concerned themselves with important problems. One class hour a week is devoted to translation, another to concentrated analysis of short texts, and the third to discussion of rapid reading. Year course.

Offered annually.

### 13-14. THE FRENCH PEOPLE—*Three periods a week.* Mr. Wylie.

The purpose of this course is to aid the student, through analysis of basic French attitudes and comparison with equivalent American attitudes, to achieve a more objective understanding of the French people and of certain cultural forces which have had a part in shaping his own life. Reading and discussion of French literary works for their cultural implications. An intensive effort is made to help students learn to understand spoken French. Prerequisite: *French 11-12* or the equivalent. Year course.

Offered annually.

### 21. SPOKEN FRENCH—*Three periods a week.* Mr. Hornik.

This course is designed to develop the student's ability to speak French correctly and without embarrassment. At first most of the work will be carried on through individual conferences and laboratory periods; as the ability of the student increases and general discussion becomes more profitable, more emphasis will be placed on regular class meetings. Students who plan to take this course are encouraged to make arrangements to live in the French House. Prerequisite: Special permission of the Department. Enrollment limited to twelve students. Semester course.

Offered annually.

### 22. THE FRENCH LANGUAGE—*Three periods a week.* Mr. Hornik.

The development and structure of the French language are studied as a means to a more general understanding of the nature and function of language. Through extensive drill an attempt is made to teach students to write French correctly. Prerequisite: *French 21* or the equivalent. Semester course.

Offered annually.

23-24. CURRENTS OF FRENCH THOUGHT—*Three periods a week.* Mr. Wylie.

A study of the fundamental trends of French thought from Humanism to Existentialism. Special emphasis is placed on the relationship of philosophical, social, and literary schools of thought. Although importance is attached to historical development, this course does not constitute a survey of French literature. Prerequisite: *French 13-14* or the equivalent. Year course.

To be offered in 1955-56 and alternate years.

25-26. A SYMPOSIUM OF SIGNIFICANT FRENCH WRITINGS—*Three periods a week.* Mr. Gutwirth.

This course, while independent of French 23-24, is complementary to it. It consists of studying and discussing a limited number of masterpieces chosen from the whole range of French literature. Emphasis is placed on intrinsic values rather than on social and historical relationships. The list of works read is varied from year to year to suit the needs and interests of the students and of the teacher. In 1954-55 emphasis will be placed on Moliere and the Comedy. Prerequisite: *French 13-14* or the equivalent. Year course.

Offered in 1954-55 and alternate years.

81, 82. SPECIAL PROJECT IN FRENCH LITERATURE—Mr. Gutwirth and Mr. Wylie.

This course offers the student of French literature an opportunity to probe more deeply and more independently into a problem or into an area in which he is particularly interested. The nature of the course will therefore vary to suit the needs of each individual student. Semester courses.

Offered annually.

## SPANISH

The courses offered in Spanish are designed to give the students a thorough knowledge of the Spanish language and an understanding of Spanish and Spanish-American thought and culture. Elementary Spanish and Intermediate Spanish are primarily language courses, with emphasis on grammar, reading, and conversation. Even in these elementary courses the approach corresponds to the liberal tradition of the College, placing emphasis on the human value of the language, and its importance in international and continental solidarity and understanding. The elementary courses are followed by general courses in civilization and literature, as the basis for the more advanced courses covering special periods, works, and authors in Spanish and Spanish-American literatures.

## Major Requirements

*Spanish 21-22, 31, 32, 81 or 82, and 100.*

History of Spain and Spanish America, as a background for literature.

Supporting courses to be arranged in individual conference with the Major Supervisor.

Comprehensive Examination.

- 11-12. ELEMENTARY SPANISH—*Three regular periods and one special discussion period a week.* Mr. Asensio.

Grammar, with written and oral exercises; reading; thorough drill in conversation. Year course.

Offered annually.

- 13-14. INTERMEDIATE SPANISH—*Three periods a week.* Mr. Asensio.

Review of grammar, with written and oral exercises; composition, reading and conversation. Prerequisite: *Spanish 11-12* or the equivalent. Year course.

Offered annually.

- 15-16. INTRODUCTION TO HISPANIC CIVILIZATION—*Three periods a week.* Mr. Asensio.

Geographic, cultural, and historical background. Emphasis is laid on basic attitudes underlying the Spanish and Spanish-American culture pattern and contrasting with characteristic American attitudes. Lectures, reading, discussion, written reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course.

Not offered in 1954-55.

- 21-22. INTRODUCTION TO SPANISH LITERATURE—*Three periods a week.* Mr. Asensio.

A survey of Spanish literature from the beginnings to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course.

Offered in 1954-55.

- 23-24. INTRODUCTION TO LATIN-AMERICAN LITERATURE—*Three periods a week.* Mr. Asensio.

A survey of Latin-American literature from the Colonial period to modern times; lectures, written and oral reports. Prerequisite: *Spanish 13-14* or the equivalent. Year course, Mr. Asensio.

Not offered in 1954-55.

33. SPANISH LITERATURE OF THE GOLDEN AGE—*Three periods a week.* Mr. Asensio.

Cervantes, Lope de Vega, Tirso de Molina, Calderon; lectures, written and oral reports. Semester course.

Not offered in 1954-55.

81, 82. SPECIAL TOPICS IN SPANISH LITERATURE—*Three periods a week.*  
Mr. Asensio.

Reading and lectures; written and oral reports. This course may be repeated, with change of content, for full credit. Semester courses.

Offered annually.

## Russian

THE COURSES in Russian are designed to offer the students the opportunity to learn to read and speak Russian and to achieve an understanding of the thought and culture of pre-revolutionary as well as contemporary Russia. Russian 11-12 and 21-22 are primarily language courses. The elementary course teaches the basic grammar and enough vocabulary to enable the student to speak and understand simple Russian. The intermediate course introduces the student to the Russian literary language; also some newspaper articles and other contemporary material are read.

Students who have completed Russian 21-22 can continue with the more advanced courses offered at Bryn Mawr College.

### Major Requirements

(Courses numbered above 100 are offered at Bryn Mawr College.)

Students majoring in this field will be required to take:

8 semester-courses in Russian language and literature: 11-12, 21-22, 201, a 300 course chosen from 301, 302, 303, 304, in addition to the 100 course.

4 semester courses in Russian history and institutions: History 208 (History of Russia); Political Science 41-42 (Soviet Political and Economic Development).

Other related courses, including Russian 203, (Russian Literature in Translation) will be arranged in individual conference with the major supervisor.

A comprehensive examination on the Russian language, a special period of Russian literature, and Russian history.

11-12. ELEMENTARY RUSSIAN\*—*Five periods a week.* Miss deGraaff.

Russian grammar, conversation, and reading. Year course.

Offered annually.

21-22. INTERMEDIATE RUSSIAN—*Four periods a week.* Miss deGraaff.

Grammar review, reading in Russian classics and contemporary materials, conversation. Prerequisite: *Russian 11-12* or the equivalent. Year course.

Offered annually.

\* This course meets five times a week with corresponding reduction in outside preparation; three hours credit.

The following courses are given at Bryn Mawr College:

201. READING IN RUSSIAN LITERATURE—*Three periods a week.* Mrs. Bogojavlenskij.  
Representative writers of the nineteenth century. Conducted mostly in Russian. Prerequisite: *Russian 21-22.* Year course.  
Offered annually.
203. RUSSIAN LITERATURE IN TRANSLATION—*Three periods a week.* Miss Linn.  
The leading Russian writers of the nineteenth century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenev's novels. Year course.
303. RUSSIAN LITERATURE OF THE TWENTIETH CENTURY—*Three periods a week.* Miss deGraaff.  
Conducted in Russian. Prerequisite: *Russian 201.* Year course.

## Sociology

THE CURRICULUM in Sociology is designed to develop the student's understanding of the social structure, the social process, and the social relationships in and through which man functions. The subject matter deals with man, his groups, his organizations, and his communities. Courses are offered for those who would make Sociology their area of major interest as well as for those students wishing to study social science methods, or, such specific groups and institutions as populations, the family, and the community.

### Major Requirements

A major program in Sociology has a prerequisite of *Social Science 11-12* and the *Introduction to Statistics, Mathematics 14*. Students are advised to take these courses in their Freshman year. The program requires the satisfactory completion of the following courses:

- a. *Sociology 21, 22, 33* or *40, 37* or *38, 61, 81* or *82, 100*; *Psychology 21, 22*;
- b. two additional courses selected from the following group: *Economics 21, 22, 36*; *Geography 32*; *Political Science 21, 22, 34*; *Psychology 32, 33, 34, 61*.

A comprehensive examination, designed to test the student's knowledge as well as his ability to integrate and utilize the subject matter of sociology and other social sciences, is given in the Senior year.

Candidates for Final Honors in Sociology will be required to complete two assignments, one in the field of *Social Groups and Institutions* during the Junior year, another in the field of *Social Processes and Issues* during the Senior year.



21, 22. SOCIAL AND CULTURAL LIFE—*Three periods a week.* Mr. Reid and  
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In the first semester this course will set forth a systematic organization of the field of general sociology using the basic concepts of function, structure, and process as guiding principles. The materials will be based on the leading methods of sociological research.

Cultural anthropology is the framework for the second semester's work. Here the student will analyze diverse cultures with particular reference to man's institutions, value systems, behavioral patterns, and their interrelations. *Students may begin this course in either semester. Required of all Sociology Majors. Prerequisite: Social Science 11-12.*

Offered annually.

32. HUMAN RELATIONS—Mr. Campbell.

(See *Psychology 32.*)

33. POPULATION POLICIES AND PROBLEMS—*One three-hour period a week.*  
Mr. Reid.

A study of the restrictive, expansive, and eugenic aspects of national population policies as they are related to demographic theory. Special reference is given to the problems of fertility and mortality, density, immigration, and food supply. Prerequisite: *Sociology 21, 22, or Economics 21, 22, or Psychology 21, 22.* Semester course.

Offered in 1954-55 and alternate years.

34. SOCIAL INSURANCE AND PUBLIC WELFARE—Mr. Somers.

(See *Political Science 34.*)

36. LABOR ECONOMICS AND LABOR RELATIONS.

(See *Economics 36.*)

37. THE FAMILY—*One three-hour period a week.*

A study of the institutions designed to guarantee the perpetuation of the group and its cultural heritage in comparative societies. The course will analyze functions, forms and processes of the institutions of marriage and the family. Individual projects. Prerequisite: *Sociology 21, 22 or Economics 21, 22 or Psychology 21, 22.* Semester course.

To be offered in 1955-56 and alternate years.

38. THE MODERN URBAN COMMUNITY—*One three-hour period a week.* Mr. Gordon.

A study of the social and spatial aspects of modern urban community organization as influenced by personal, technological, ecological, economic and political factors.

Individual projects. Prerequisite: *Sociology 21, 22* or *Economics 21, 22*, or *Psychology 21, 22*.

Offered in 1954-55 and alternate years.

40. PEOPLES AND GROUPS IN THE MODERN WORLD—*One three-hour period a week.*

An analysis of the secularization of the world's peoples and the contemporary "minorities" situations in the world; how these situations arise; how they are perpetuated. Special attention is given to theories and methods of analysis. Individual projects. Prerequisite: *Sociology 21, 22*, or *Economics 21, 22*, or *Psychology 21, 22*. Semester course.

To be offered in 1955-56 and alternate years.

61. SOCIAL RESEARCH—*Two periods a week.* Mr. Gordon.

An analysis of classic and significant studies in the fields of the social sciences with a view toward understanding the methods, tools, techniques, and hypotheses of social research. Studies will demonstrate the use of statistical, case, historical, and other research procedures. Individual projects. Required of Sociology Majors. Seminar. Prerequisite: *Sociology 21, 22* or *Economics 21, 22*, or *Psychology 21, 22* and *Junior Standing*. Semester course.

Offered annually.

81. SPECIAL TOPICS IN THE SOCIAL SCIENCES—Mr. Reid.

This is a course for advanced students who wish to undertake special individual study projects or to pursue a specialized reading course in some phase of social science. Final examination. Prerequisite: *Sociology 61* and permission of the instructor.

Offered annually.

82. ISSUES IN SOCIETY—Companion seminar to *Sociology 100 with individual consultations.* Mr. Gordon.

This seminar is designed to treat a sociological situation of current or potential importance, emphasizing the nature and problems of social fact, social values and the social process. Individual projects. Required of Sociology Majors. Prerequisite: *Sociology 61*. Semester course.

Offered annually.

### Senior Seminar

100. SENIOR SEMINAR—*One three-hour period a week.* Messrs. Parker, Benfey, Post, and Somers.

An advanced inter-disciplinary seminar whose aim is to stimulate the student to integrate his own specialized experience within a larger continuum. This objective is sought by focusing the methods and insight of the natural sciences, the social sciences, and the humanities upon one central and fundamental problem of human life. Prerequisite: Senior standing. Semester course.

## Non-Academic Program

THE FACULTY OF HAVERFORD COLLEGE adopted in the spring of 1947 a program which involves a new departure in American education. This program is designed to cultivate aesthetic perception, creative control of materials, a love of fine workmanship, and other important areas of learning and of experience, such as community service, which have often been neglected in the liberal arts program. The Faculty feels that, though courses (called "units") in these areas cannot properly be included in the academic curriculum, they are of no less importance in the development of personality than strictly intellectual work.

Every student is required to take nine terms of work which is not academic in nature. It is mandatory that six of these terms be taken in Physical Education: three in the Freshman year, two in the Sophomore year, and one in the Junior year. The remaining three terms may be devoted either to offerings of the Department of Physical Education or to units of the Non-Academic Program described here. The first election of such units in the Non-Academic Program may be made in the fall or winter term of the Sophomore year.

In its non-academic work, the College insists on the same high quality of teaching which it demands in its academic courses. A distinction in the two types of work is needed not because one is thought to be less important than the other, but because in the opinion of the Faculty the two kinds of work are different and should not be equated.

**AUTOMOTIVE MECHANICS**—*Three hours a week.* Mr. Hetzel.

This is a practical course in the operation, maintenance and simple repair of motor vehicles. Limited to students enrolled in the Social and Technical Assistance Program.

**CABINETMAKING**—*Three hours a week.* Mr. Holmes.

Instruction will be offered during the winter term in woodworking with hand tools on selected tasks. Qualified students may work on projects of their own choice insofar as facilities permit. Cost of materials will be borne by the student. Limited to five students with consent of instructor.

**COMMUNITY SERVICE**—*Three hours a week.* Mr. Hetzel.

Non-academic credit will be given to students who serve as group leaders in the activities of community services. Activities include athletics, scouting, clubs, music, dramatics, hobbies, and other youth-leadership work. Competent social workers will supervise the work, and guidance will be given by sociologists to make the experience meaningful.

Offered in the fall and winter terms.

**MACHINE-TOOL WORK**—*Three hours a week.* Mr. N. Wilson.

The unit for beginners will be conducted in the winter term and will include machine tool work on the lathe, milling machine, shaper, and drill-press. Those who have sufficient skill will be permitted to use the scheduled period for approved projects of their own choice. Limited to five students.

**MODELING AND SCULPTURE**—*Three hours a week.* Mr. J. W. Kelly.

This course for beginners or advanced students will be offered in the winter term. It includes composition, portrait, life, and some study of modern trends in sculpture. As artists have for long been taught to read, so this course aims to teach academic students to see.

**MUSIC APPRECIATION**—(1)—*Three hours a week.* Mr. Reese.

An elementary course designed to develop a technique of listening to music. The basic aspects of music—melody, rhythm, harmony, texture, color, form—are studied. Emphasis is placed on the analysis of examples given and of music heard in available concerts. Offered in the winter term.

**MUSIC APPRECIATION**—(2)—*Three hours a week.* Mr. Caselli.

Development of opera in Italy from its first experiments in the sixteenth century to the end of the seventeenth, with particular regard to comic opera. Different schools will be studied, works analyzed. Their influence on other music forms will be traced.

Offered in the fall term. No prerequisites.

**PAINTING AND DRAWING**—*Three hours a week.* Mr. Janschka.

The purpose of instruction in this course is to help students in acquiring perception and skill in artistic creation and rendition through the media of painting, drawing and modeling. The work may be from life and nature, from imagination, or the copying of art works. Prior experience is not required. Offered in the fall and winter terms. Limited to twenty-five students each term.

**PHOTOGRAPHY**—*Three hours a week.* Mr. N. Wilson.

This unit is for beginners and will include instruction in the use and characteristics of photographic equipment, the processing of films and papers, and the composition of subject material both indoors and outdoors. Limited to six students. Offered in the fall term.

**PUBLIC SPEAKING**—*Three hours a week.* Mr. Snyder.

This unit is based on the assumption that members, having taken required Public Speaking (*English 11-12*), have already had elementary training whereby they have been freed from stagefright and platform awkwardness. The course will be organized to meet the special needs of those who elect it. Important for prospective clergymen, lawyers and teachers. Admission with the consent of the instructor. Offered in the fall term.

**RADIO COMMUNICATION**—*Three hours a week.* Mr. Benham.

This unit consists of projects in radio, such as instruction in the International Morse Code, a study of basic principles, or a construction project (the cost of materials to be borne by the student). It may serve as preparation for the amateur license examination given by the Federal Communications Commission. Admission with the consent of the instructor. Offered in the winter term.

**THEATER ARTS**—*Three hours a week.* Mr. Bishop.

This unit is designed to help the individual establish a working understanding between his creative instinct and his ultimate expression within the framework of the spoken drama. Offered in the fall term.

**WEEKEND WORKCAMPS**—Mr. Hetzel and Mr. Richie.

Students electing this unit will spend three week-ends participating in the work of renovating houses in certain areas in Philadelphia. Consultations with expert social workers and discussion within the camp group will promote an interest in and understanding of social problems. Offered in the fall and winter terms.

## The Graduate Curriculum in Social and Technical Assistance

HAVERFORD COLLEGE is offering qualified men and women a Graduate Curriculum in Social and Technical Assistance in the belief that the development of a peaceful world society depends on large-scale social, economic and political reorganization in many regions and over a long period of time. Programs designed to improve the productivity of underdeveloped areas, to eliminate the causes of recurrent disaster such as famine and epidemic diseases, and otherwise to improve the health and to raise the living conditions of millions of people will require the services of technicians who must be highly trained and experienced in specific fields, such as engineering, agriculture and the economics of land use, education, social work and public health. Those who are in charge of general administration will need to have a practical knowledge of office and fiscal management.

All who engage in assistance programs should be both emotionally and intellectually qualified for the task. As men and women of good will they should be able to work harmoniously with people of different races and possibly under difficult and primitive circumstances. They should be able to appreciate the values of "foreign" cultures and understand the basis for variant economic and political theories.

Projects for the improvement of living conditions which are essentially technical in character make a profound impact on the social life of the people who are affected by the changes. Thus, professional competence of the technicians, such as engineers, agricultural scientists, economists, etc., is not sufficient of itself. They must be alert to the social implications of their work and prepared to help the affected population to adjust rapidly to a new economic-social order. In many cases the technicians will be required to work with people whose cultures are derived from more primitive technical backgrounds. Practically all of the technical and social assistance projects now in progress or envisaged by the inter-governmental, governmental and private agencies are as much a problem of human engineering as they are a matter of putting technological principles into practice.

It may be expected that these programs will grow in magnitude and outreach. They are not limited to countries outside of the United States, but include technical and social assistance for underprivileged and economically dislocated groups within American society, such as sharecroppers and migrant agricultural workers, American Indians in distressed areas, and inhabitants of sections of the country affected by depletion of resources, migration of industry, and natural disasters.

### Haverford's Experience

Haverford College has particular interest in integrating technological knowledge with sociological insight. It is a fundamental principle of the Quaker way of life that the philosophical attitudes, religious convictions and social ideals of the persons entering fields of public service affecting human welfare are as important for success as their specific technical training. The course that the College now offers is the logical development of experiences growing out of the training of relief and rehabilitation workers during World War II. At that time a graduate curriculum for men and women was provided to train personnel for governmental and non-governmental agencies engaged in a variety of refugee-relief programs and other projects designed to relieve human suffering and to rehabilitate devastated areas. Graduates of the Reconstruction and Relief curriculum offered by the College during 1943-45 were quickly absorbed by the United Nations Relief and Rehabilitation Administration (UNRRA) as welfare officers and staff members in Displaced Persons Camps and for other assignments; by the War Relocation Authority to aid Japanese-Americans in Relocation Centers; by the American Friends Service Committee for a variety of projects for displaced persons in Austria, Finland, France, Germany, Hungary, Italy and the United States; and by several other international, national and local institutions dealing with social welfare problems.

These graduates made a notable contribution to the traditions of Haverford College for preparing people for humanitarian service in times of national crisis. More than 300 graduates and members of the faculty of the College have served in welfare programs related to World War I and World War II and the reconstruction periods that followed them.

## The Course of Study

The present Graduate Curriculum in Social and Technical Assistance offered by Haverford College presupposes a sound general education as basic preparation. The course does not necessarily specialize in the needs of specific areas—on the principle that a graduate should be broadly prepared to serve wherever the opportunity offers. However, in the case of individual students who are planning to join specific assistance programs, the College will try to arrange concentrated courses to qualify for work in those areas. Since considerable emphasis is placed upon the non-academic qualifications of a candidate for a Master's Degree in addition to satisfactory fulfillment of the academic requirements of the course, the College requires a ten-day pre-semester workcamp in Philadelphia at which individuals of the group become acquainted with each other and with problems of urban society, and a mid-winter Work and Study Project off campus of six weeks duration, and a report of investigations conducted there.

1. **ENTRANCE REQUIREMENTS.** This curriculum is open to men and women who hold the bachelor's degree from recognized institutions in the United States and Canada and who are otherwise qualified by virtue of their character, motivation, and previous training. Special provision is made for foreign students with similar preparation and qualifications.

All candidates for admission are expected to possess a competence in at least one modern foreign language equivalent to one year's work in college beyond the elementary grade. Those preparing for administrative or non-technical work should give evidence of some background in the social sciences. Those expecting to do work in applied science should have completed an undergraduate major in natural science, engineering, agriculture, home economics or similar fields, and, in addition, have done some basic work in the social sciences. The Administrative Committee is willing to consider applicants with unusual qualifications in a certain field who may be deficient in some aspects of the above requirements.

2. **COURSE OF STUDY — ACADEMIC.** Each student will be expected to complete a program of eight semester-courses selected to fit his particular needs. In most cases these courses will be chosen largely from those listed below, but students may also be urged to select advanced courses from the regular offerings of the College which contribute to the general aims of this curriculum. Some of the courses listed below are required of virtually all students in the curriculum, and other courses may be required of a student whose preparation along a particular line is considered by the College to be deficient. A grade of at least 80 must be obtained in all courses taken under this program.



(a) *Social Science 91-92. Case Study of Assistance Programs. (Both semesters). Required.* Mr. Teaf and others. A study by the case method, of the objectives, organizational and operational techniques, and problems faced in various types of assistance programs: relief, reconstruction, technical assistance, social and technical planning. In the study of each program, consideration will be given particularly to problems raised by geographical, cultural, economic and political aspects of the area concerned. Lectures by staff and visitors, readings, papers, and seminar discussions.

(b) *Psychology 91-92. Anthropology and Human Relations. (Both semesters). Required.* Mr. Campbell and others. A study of the main features of organized human activity. Basic principles and methods of social anthropology and social psychology are presented and used to examine individual and group behavior in different social and cultural settings.

(c) *Social Science 93. Orientation Seminar. (First Semester). Required.* Mr. Pickett and others. This course will consider both directly and through biographical studies some of the factors which motivate service in assistance projects. It will also examine the living genius and impact of the principal non-Christian religions today.

(d) *Social Science 94. Orientation Seminar. (Second Semester). Required.* Mr. . . . . . This course will devote itself to a study of the competing political and economic ideologies in the international setting which any social or technical assistance project will meet in the field.

(e) *Social Science 95. Community Development. (First Semester). Elective.* Mr. . . . . . An analysis of the problems, values, methods, and programs associated with the promotion of social and economic development in underdeveloped areas. Special attention is given to the analysis of methods by which indigenous populations may be encouraged to participate actively in these programs. The seminar is based upon the analysis of selected cases. (In 1953-54 this seminar was offered with the cooperation of members of the Office of Community Organization and Development, Division of Social Welfare, United Nations.)

(f) *Modern Foreign Language. (Either or both Semesters). Elective.* Continuation of a language presented for entrance is recommended. In 1954-55 students can take such departmental offerings as French 21, German 15-16, Russian 21-22, Spanish 23-24 or, if qualified, higher courses in which the spoken language is employed. Students who are proficient in one foreign language may study another language.

(g) *Economics 92. Elementary Fiscal Management. (Second Semester). Elective.* Mr. Hunter. Basic accounting concepts and techniques; simple accounting and other record-keeping systems; reports; cash and budgetary controls; foreign exchange transactions.

(h) *Sociology 91. Social Research. (First Semester). Elective.* Mr. Reid and others. An analysis of the hypotheses, methods, and techniques of social science research. Lectures, laboratory and individual projects. Prerequisite: consent of the instructor.

3. **COURSE OF STUDY—NON-ACADEMIC.** Prior to the opening of College in September the students in this program participate in a ten-day workcamp in Philadelphia. The work will be related to the redevelopment of housing in a blighted area. There will be visits to local institutions, and discussions of urban problems with specialists in various fields.

Each student is expected to take one non-academic course. The following are recommended as appropriate for the purposes of this program:

Audio-Visual Aids, Automotive Mechanics, Community Service, Photography or Weekend Workcamps.

4. **WORK AND STUDY PROJECT.** For six weeks, from the beginning of Christmas vacation until the first week in February, the students will participate in a field-seminar-workcamp which will give them an opportunity to learn something of the problems and methods of team work on a project and to carry out team research in community problems in a cross-cultural setting. In 1953-54 this project was conducted in the Cherokee Indian Reservation in North Carolina. Each student submits a report of the results of his investigations and experiences.
5. **REQUIREMENTS FOR THE MASTER'S DEGREE.** The degree of Master of Arts will be awarded to those who have satisfactorily completed the program listed under 2, 3, and 4 above, and have passed a comprehensive examination covering this program. The examination will be in two parts:

(a) At the end of the academic year: an examination on the Academic courses and relevant courses offered for entrance.

(b) Subsequent to the Work and Study Project: a report dealing with the problems investigated at the Work and Study Project.

### Fellowships

Preference in the awarding of the Thomas Wistar Brown Fellowships for graduate study, totalling \$5,000, will be given to qualified men and women candidates intending to specialize in Social and Technical Assistance. The amounts of the Thomas Wistar Brown Fellowships vary in accordance with the needs of the applicants. Additional fellowship funds are available for students in the Graduate Curriculum in Social and Technical Assistance.

The College has received a grant from the Christopher Reynolds Foundation which makes possible the awarding of fellowships to one or two students who have had several years of experience in a technical field or in a technical assistance project. These fellowships vary from \$1000 to \$3000, depending on the financial status and requirements of the student. Special consideration

will be given to applicants who have had experience in the technical assistance programs of the United Nations or of the United States Government.

Awards are determined on the basis of financial data presented in the questionnaire which constitutes formal application for admission into the graduate unit in Social and Technical Assistance. Questionnaires containing such a request for financial aid should be in the hands of Vice-President MacIntosh, of Haverford College, not later than April 1 to secure consideration for the following year.

*Charges.*—The charges for the academic year are: tuition \$675.00, unit fee \$85.00, room \$240.00, board (under a cooperative arrangement for cooking and housekeeping) \$391.00. Additional charges may be necessary to cover travel and living expenses on the Work and Study Project.

## Extra-curricular Activities

### Student Government

THE COLLEGE ADMINISTRATION has delegated to the Students' Association the responsibility for nearly all aspects of student conduct on the campus; and the Students' Association has assumed this responsibility. Student Government is exercised through an elected Students' Council, on which are representatives of all the classes and of some of the undergraduate organizations.

The students at Haverford College believe that the success of self-government depends upon the individual's realization and acceptance of his social responsibilities. This concept forms the basis of the Haverford Honor System, which is a compact entered into by all members of the Students' Association. The Honor System is designed to maintain certain standards which represent the opinion of the Students' Association on what is desirable conduct on the campus. It applies to the conduct of examinations, the preparation of papers outside of class, to the rules governing the presence of women in the dormitories, and to some other aspects of College life. The Honor System is administered by the Students' Council with the active cooperation of all members of the Students' Association.

The Students' Council is an administrative and judicial body. It handles all phases of the administration of regulations for the Students' Association. It manages extra-curricular activities on the campus and allocates to each a percentage of the Student Activities Fee (\$18 per year, charged to every undergraduate as a part of the Unit Fee) on the basis of a yearly budget. In intercollegiate relations in general it serves as the representative of the Haverford student body.

The chairmanship of the Students' Council is the most important undergraduate office. The Chairman represents the student body before the Board of Managers, the College Administration, and the Faculty. He serves both as liaison officer and executive. He conveys to the College Administration the recommendations of the Students' Council in disciplinary matters.

The Honor Pledge, which is quoted below, is called to the attention of each applicant for admission to Haverford College. It is signed upon entrance, and is signed again whenever the student takes an examination, though its force is not limited to examinations only. In signing the pledge the individual student accepts the Honor System in its entirety, as currently in force and as it may be changed while he is an undergraduate at Haverford. Every entering student should make sure, before selecting Haverford, that he can give his

active support to the Honor System. He should realize that its success, which is of great importance to him personally and to the whole student body, and indeed to the College itself, depends upon his willingness to give it his complete support.

### HONOR PLEDGE

"I hereby accept the Haverford College Honor System, realizing that it is my responsibility to safeguard, uphold, and preserve each part of the Honor System and the attitude of personal and collective honor upon which it is based."

THE STUDENTS' ASSOCIATION is made up of all undergraduates in good standing at Haverford College. It is the body for student self-government. The Students' Council is elected from among the members of the Students' Association, and carries most of the burden of leadership in the undergraduate body. In addition, there are dormitory representatives elected to the Council.

THE HONOR SYSTEM COMMITTEE is responsible for introducing the Honor System to incoming students. It also makes periodic evaluations of how the System works.

### Societies and Organizations

THE PUBLIC AFFAIRS ASSOCIATION is an organization of men interested in political, economic and sociological affairs. It includes as subsidiary groups a chapter of the Intercollegiate Conference on Government and the Political Forum which is responsible for bringing speakers on current affairs in these fields to the campus.

THE INTERNATIONAL CLUB, founded in 1954 by an exchange student, offers opportunities for Haverford students to become acquainted with the more personal and intimate side of customs in foreign countries.

THE W. W. COMFORT DEBATING SOCIETY elects to membership men who have shown a consistent interest in debating, and who have represented the College on more than one occasion. Every year a series of intercollegiate debates is conducted.

THE STUDENT CURRICULUM COMMITTEE investigates and evaluates Haverford's methods and philosophy of education and make suggestions to the Faculty and Administration on the subject of the curriculum and College program.

THE ADVISORY COMMITTEE ON COLLECTION SPEAKERS makes suggestions on possible speakers for the College and arranges for interested students to meet with these visitors.

THE DRAMA CLUB, in conjunction with the Bryn Mawr College Drama Guild, produces on the average three major plays a year, alternating between the Bryn Mawr and Haverford stages. Meetings, that are open to all regardless of previous experience, are the workshop of the Club with lectures and discussions on all vital aspects of play production.

THE COLLEGE GLEE CLUB, which is the chief musical organization of the College, is open to all who have a love of music and enjoy singing. Rehearsals are held twice weekly. The repertoire includes short numbers of various types and one or more major works each season, the latter being presented in conjunction with the chorus from a women's college. There are trips at various times and, some years, a concert tour during spring vacation. Tryouts are held after the first month of rehearsals for both Freshmen and Upperclassmen. Regular members are chosen on the basis of interest, voice quality, and reading ability.

THE ORCHESTRA is a combined enterprise with Bryn Mawr College. All students playing orchestral instruments are invited to get in touch with the director, Dr. William Reese. Full rehearsals are held at Bryn Mawr weekly and sectional rehearsals at Haverford. The orchestra studies particularly works of the 17th and 18th century, contemporary works, and often plays the orchestral part of large choral works given by the Glee Club in concert.

Smaller ensemble groups for chamber music are fostered at both colleges. There is opportunity for instrumental study with noted teachers at nearby music institutions.

THE BAND plays at football games, pep rallies, and on a few other occasions.

THE RADIO CLUB operates the College radio station, WHRC. Members of the club arrange programs, operate the station, and build or buy necessary equipment. The studios are located in the third floor of the Union Building.

THE INTER-DORM DANCE COMMITTEE arranges dances between Haverford and Bryn Mawr dormitories. Its members are appointed by the Students' Council.

THE PHOTOGRAPHIC CLUB promotes interest in photography and has the use of a dark-room and equipment located in Hilles Laboratory.

THE NAUTICAL CLUB is composed of undergraduate students of the College. Its purpose is to promote an interest in sailing for pleasure and to engage in inter-collegiate dinghy racing. It is a member of the Inter-Collegiate Yacht Racing Association.

THE VARSITY CLUB of Haverford College, organized in 1936, is composed of undergraduates who have won varsity letters. Its purpose is to advance the interests of the College and of athletics in every way consistent with the high ideals of the College.

DEPARTMENTAL CLUBS. There are at Haverford various departmental groups, which arrange for outside speakers and often hold discussion sessions. Among these are the French Club, German Club, Spanish Club, Philosophy Club, a Humanities Forum which discusses topics of general interest to students of language, literature, philosophy, and the fine arts; the Mathematics Club, Biology Club, and Chemistry Club. A number of these clubs sponsor demonstrations, plays, and social gatherings.

### Joint Faculty and Student Groups

THE COMMITTEE ON STUDENT AFFAIRS is a joint committee made up of members of the faculty and undergraduates. It is charged with supervising the arrangements for social affairs on campus, and with reviewing the budgets of various recognized student organizations.

THE CAMPUS CLUB is an association of graduates, faculty members, undergraduates, and friends of the College who are interested in maintaining and increasing the beauty of the College campus.

### Student Publications

THE HAVERFORD NEWS is a weekly newspaper, sent to all undergraduates and to all members of the alumni body. It is published on Fridays, during term-time, by undergraduates. There are opportunities for all interested men on both editorial and business staffs.

THE HAVERFORD COLLEGE HANDBOOK is published each fall under the auspices of the Students' Council. It contains information particularly valuable to new students.

THE RECORD is published annually by the Senior class, with the support of the Students' Association. It includes a record of the year, with particular emphasis upon the activities of the graduating class.

THE HAVERFORD REVUE is a magazine devoted to student literary effort. It is published irregularly.

## Health Program

EACH STUDENT is given a thorough examination at the beginning of the Freshman year, and at other times as recommended by the College physician. Chest x-rays are included in these examinations.

Each student is entitled to unlimited dispensary service, at stated hours, and first-aid service at any time.

In case of illness, each student is entitled to two weeks of residence in the Morris Infirmary each semester, ordinary medicine, diagnostic laboratory work, any x-rays needed for diagnosis, and the services of the College physician and resident nurse.

Students will be charged at \$5.00 a day for residence in the Infirmary after their first two weeks. Day students will be charged for board in addition, while in the Infirmary.

Each student is also covered by a blanket accident policy which pays actual expenses resulting from any accident up to a limit of \$500.00 for each accident. The expenses covered include x-rays, medicine, surgical appliances, hospital bills, nursing care, physician's fee, surgeon's fee, and also dentist bills for repair or replacement of natural teeth as a result of an accident, subject to the approval of the College physician. The coverage is in force from 12:01 A. M. Standard Time three days before the date when registration of entering students begins until midnight three days after Commencement Day.

All of these services are covered by the Unit Fee which is paid by all students (see page 27).

The Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a resident nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.



# Library, Laboratories, and Other Academic Facilities

## The Library

THE HAVERFORD COLLEGE LIBRARY is planned and developed with the primary purpose of providing the intellectual resources of books, periodicals, and pamphlets needed to sustain the work of the academic curriculum. Most of the volumes have been selected by the teaching faculty, and, with the exception of some special collections described below, the books and periodicals are all on open shelves and readily accessible for over ninety hours a week during the college year. In the administration of the Library, the aim is to bring the resources of the book collection as effectively as possible into the academic life of the College.

Beyond this primary purpose, the Library seeks through several collections to provide opportunities for independent research in certain fields. Most notable of such collections is the Quaker Collection, which attracts many visiting scholars each year. The Government Depository and International Documents Collections provide extensive resources for independent study in the social sciences, and there are further collections of autograph material, orientalia, and particularly of Renaissance literature offering similar research opportunities in other fields.

The Haverford Library contains about 190,000 volumes, and holds subscriptions to over 575 literary and scientific periodicals. Though designed especially for the use of students and faculty of the College, the Library welcomes outside readers who wish to consult the books, and, under certain restrictions, may grant them special borrowing privileges. The Library is open on week-days from 8:00 A. M. to 11:00 P. M., and on Sundays from 2:00 to 11:00 P. M. (Treasure Room: Week-days — 9:00 - 5:00; Saturdays — 9:00 - 12:00). Special hours are arranged for vacation periods.

The Library building, the first portion of which (the present north wing) was built in 1863, has grown by five successive additions. The construction of a new Stack in 1941 has assured room for growth of the book collections for several years to come. In December 1952 the original north wing was renovated in memory of William Pyle Philips, and now forms a bright and comfortable room for quiet study. There are also three special reading rooms in the building:

THE GUMMERE-MORLEY MEMORIAL READING ROOM, decorated and equipped by the Class of 1892, provides a reading and browsing room for Haverford students.

THE RUFUS M. JONES STUDY, a replica of Rufus Jones' own study, with his own books and furniture, is used for seminar classes in philosophy as well as for quiet reading.

THE TREASURE ROOM, provided through the generosity of Morris E. Leeds of the Class of 1888, contains the Quaker Collection as well as other rare books and special collections.

### *Special Collections*

THE QUAKER COLLECTION, containing approximately 20,000 books and 40,000 manuscripts, maps and pictures of interest to the Society of Friends, provides a repository for Quaker literature in the United States, and makes Haverford a vital center for the study of the history and philosophy of Quakerism. The unique nucleus of the library is *The William H. Jenks Collection of Friends' Tracts*, mostly of the seventeenth century, which numbers about 1500 separately bound titles.

THE RUFUS M. JONES COLLECTION ON MYSTICISM contains almost a thousand books and pamphlets from the fifteenth century to the present day.

THE TOBIAS COLLECTION OF THE WRITINGS OF RUFUS M. JONES is practically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION contains more than 20,000 items, embracing autographs of the signers of the Declaration of Independence, authors, statesmen, scientists, ecclesiastics, and monarchs, and also several series of valuable papers on religious and political history.

THE CHRISTOPHER MORLEY COLLECTION OF AUTOGRAPH LETTERS comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over one hundred contemporary authors are represented.

THE WILLIAM PYLE PHILIPS COLLECTION contains more than seventy-five rare books and manuscripts, mostly of the Renaissance period. Among the treasures of this collection are first editions of Dante, Spenser, the King James Bible, Milton, Newton, and the four folios of Shakespeare.

**THE HARRIS COLLECTION OF ANCIENT AND ORIENTAL MANUSCRIPTS** contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices collected by J. Rendel Harris.

### *Affiliations*

Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

**THE PHILADELPHIA BIBLIOGRAPHICAL CENTER AND UNION LIBRARY CATALOGUE**, the largest regional cooperative catalogue in America, enables users of the Haverford Library to locate books in over one hundred and seventy libraries of the Philadelphia area.

**THE LIBRARY ASSOCIATES** is an organization of graduates and friends of the College, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to wider notice and to make them available to the whole Haverford community; to encourage the making of gifts to the Library; and to aid in the use of the Library for exhibition purposes. Inquiries should be addressed to The Library, Haverford College.

### Scientific Laboratories

**THE WILLIAM J. STRAWBRIDGE MEMORIAL OBSERVATORY** is equipped with three equatorially mounted telescopes, a 10-inch and a 4½-inch refractor, and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectroheliograph; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; sidereal clocks, a chronograph, and other instruments. The astronomical library is housed in the Observatory.

**THE LYMAN BEECHER HALL CHEMISTRY LABORATORY** is a three-story structure with working space in the various laboratories for about two hundred and fifty students. Separate laboratories are available for general chemistry and qualitative analysis, quantitative analysis, organic chemistry, qualitative organic analysis and organic synthesis, semimicro quantitative analysis, and physical chemistry, respectively. In addition two rooms are devoted to the needs of research students. The building is furnished with water, gas, compressed air, and alternating current electricity, and is provided

with a good system of forced draft ventilation. The apparatus equipment is ample for the undergraduate courses. Books and periodicals dealing with chemical subjects are housed in a comfortably furnished library on the first floor which is open to the students.

THE HILLES LABORATORY OF APPLIED SCIENCE houses the Engineering Department. This modern building contains classrooms, drawing rooms, a departmental library, shops, and mechanical and electrical laboratories.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia and frequent inspection trips are made.

SHARPLESS HALL is occupied on the two lower floors by the Department of Physics. Here are situated the departmental library, laboratories, darkrooms, shops, and rooms for individual work. Through the gift of William P. Philips, '02, and through other acquisitions, the department is equipped for advanced work in electronics and x-rays.

The upper floors house the Biology and Psychology laboratories, and the Biology library.

### Natural History Collections

THE NATURAL HISTORY COLLECTIONS, presented to the College by a considerable number of interested friends, are displayed in Sharpless Hall through a gift of the Class of 1915.

### Archaeological Collection

THE BETH SHEMESH MUSEUM on the third floor of Sharpless Hall exhibits the archaeological finds by the late Professor Elihu Grant during a series of field excavations at the site of that name in Palestine. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

### Art Collection

A permanent art collection, including paintings and drawings by Homer, Inness, Pintoricchio, Sargent, Turner, and Whistler, is displayed in the Library.

Temporary exhibitions of paintings, drawings, and photographs are held from time to time at the College.

Framed reproductions of outstanding paintings are available for loan to students at the beginning of each semester.

### Music Collection

In addition to a considerable collection of musical scores and books in the general Library, the special equipment of the Music Department consists of several pianos and a collection of scores, books, and phonograph records presented in 1933 by the Carnegie Corporation. This collection has been amplified by yearly accessions, and now numbers close to 1600 records. A large part of this collection is available to students at stated hours in a special listening room.

THE ALFRED PERCIVAL SMITH ROOMS in the Haverford Union are reserved for music study. There is a larger room with a Steinway Grand for the holding of classes and informal concerts organized by the Music Department, and a small library in which valuable books, scores and records are kept.

The large concerts are held in Roberts Hall where a concert piano and a Hammond organ are at the disposal of artists.

THE HAVERFORD COLLEGE FRIENDS OF MUSIC is an association of friends and neighbors of the College and faculty members, who, in cooperation with the Music Department, arrange for concerts and chamber music held at various times during the year in the Common Room.

### Campus

THE ARBORETUM AND THE WOOLMAN WALK, the latter the gift of Edward Woolman, '93, contain a wide variety of woody plants, both indigenous and exotic, thus permitting direct observation and study by students of the natural sciences.

THE MARY NEWLIN SMITH MEMORIAL GARDEN which adjoins the south side of the Library, while primarily developed as a decorative feature, contains a wealth of flowering shrubs of interest to the botanist.

### The Bucky Foundation

THE BUCKY FOUNDATION, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible students for such an order, maintains an office at the College.

Income from the Foundation has been used to sponsor a Constructive Citizenship program and for the training of students through the Relief and Reconstruction Unit. It is being used to support Haverford participation in a program of week-end camps.

## Fellowships, Prizes and Honors

### Fellowships

THE CLEMENTINE COPE FELLOWSHIP was established in 1899. The income is applied to "assisting worthy and promising graduates of Haverford College in continuing their studies at Haverford or at some other institute, in this country or abroad, approved by the Board of Managers. Candidates shall be nominated by the College Faculty to the Board of Managers."

The Faculty will nominate a First Cope Fellow and a Second Cope Fellow whose individual stipends, not to exceed \$1,000, will be determined by the Board.

Applications for a Clementine Cope Fellowship must be in the hands of the President before March 1, accompanied by whatever statement of extracurricular activities the candidate considers relevant.

GRADUATE FELLOWSHIPS.—For information regarding graduate fellowships, see page 46.

### Prizes

(All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Business Office. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.)

ALUMNI PRIZE FOR COMPOSITION AND ORATORY.—A prize of \$50.00 was established by the Alumni Association in 1875 to be awarded annually for excellence in composition and oratory. Competition is open to Freshmen and Sophomores, but the same man may not receive the prize twice. The competition for this prize is administered by the Department of English.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING.—A first prize of \$50.00 and a second prize of \$25.00 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a comprehensive topic during a full college year.

Candidates for these prizes must register with the chairman of the department under whose supervision the work will be performed. The department

is responsible for guiding his work and reporting his achievement to the Committee on Fellowships and Prizes for final judgment. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

Interested students should apply directly to a relevant department for information.

**THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS.**—Two prizes of \$10.00 each, in books, to be known as "The Class of 1896 Prizes in Latin and Mathematics," were established by the bequest of Paul D. I. Maier of the Class of 1896. They are awarded at the end of the Sophomore year to the students who have done the best work in the departments concerned.

**THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY.**—A prize of \$100.00 was established by the Class of 1898 on the twenty-fifth anniversary of its graduation in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize may be awarded to a student who has attained a high degree of proficiency in Chemistry and who shows promise of contributing substantially to the advancement of that science. It may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or it may be withheld.

**THE CLASS OF 1902 PRIZE IN LATIN.**—A prize of \$10.00 in books is offered annually by the Class of 1902 to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory. At the discretion of the professor in charge of the Department, this prize may be omitted in any year.

**THE DEPARTMENT PRIZES IN MATHEMATICS.**—A first prize of \$15.00 and a second prize of \$10.00 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held annually on the first Monday after the Spring Recess, and is open to Freshmen only.

**ELLISTON P. MORRIS AND ELIZABETH P. SMITH PEACE PRIZES.**—These have been combined for the year 1954-55 into a single competition offering three awards of \$200.00, \$100.00 and \$50.00 respectively. It is open to all undergraduates and to graduate students.

The prizes are awarded for the best essays bearing on the general topic of "Means of Achieving International Peace." Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

Prizes will not be awarded if, in the opinion of the judges, a sufficiently high standard of merit has not been attained.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE.—A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to any student who, in the judgment of the professor in charge, does the most satisfactory outside reading in Philosophy in connection with the courses in that Department.

A prize of \$40.00 and a second prize of \$25.00, in books, are offered annually to any student who, in the judgment of the professor in charge, does the most satisfactory reading on the Bible and related subjects.

THE SCHOLARSHIP IMPROVEMENT PRIZES.—A first prize of \$50.00 and a second prize of \$45.00 are awarded at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES.—A first prize of \$15.00 and a second prize of \$10.00 are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar before May 1. These prizes are administered by the Department of English.

THE FOUNDERS CLUB PRIZE.—A prize of \$25.00 is offered and awarded annually by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY.—A prize of \$100.00 is offered annually for competition in the Department of History under the following general provisions:

*First*—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

*Second*—The prize shall not be awarded twice to the same student.

*Third*—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

#### *Conditions*

In competition for this prize an essay of not less than 5,000 words shall be submitted as evidence of scholarly ability in the collection and presentation



of historical material, treating a subject selected with the approval of a member of the Department of History.

Essays should be typewritten and deposited with the Registrar before May 1.

**THE NEWTON PRIZE IN ENGLISH LITERATURE.**—A prize of \$50.00 established by A. E. Newton may be awarded annually on the basis of Final Honors in English, provided that the work of the leading candidate, in the judgment of the English Department, merits this award.

**THE WILLIAM ELLIS SCULL PRIZE.**—A prize of \$50.00 established in 1929 by William Ellis Scull, '83, is awarded annually to the upperclassman who shall have shown "the greatest achievement in voice and in the articulation of the English language." This prize is administered by the Department of English.

**THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS.**—A prize of \$50.00 in memory of Dr. George Peirce, '03, is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who have expressed the intention of engaging in research.

**THE STUDENT ORGANIZATION PRIZE.**—Classmates of Edmund Jennings Lee, 1942, who lost his life in the service of his country, have established in his memory a fund, the income from which is to be given annually to that student organization which, in the opinion of a committee of judges, has contributed most toward advancing the interests of the College.

**THE THERESA HELBURN PLAYWRITING AWARD.**—These awards, open to all students of Bryn Mawr College, are given by Theresa Helburn to encourage playwriting. The prize consists of \$50.00 for the best one-act play and \$100.00 for the best full-length play submitted each year and considered worthy. Original work is required; adaptations, translations and collaborations are not eligible. Haverford students in playwriting may submit manuscripts for these awards.

## Honor Societies

PHI BETA KAPPA.—The Haverford College Chapter of the Phi Beta Kappa Society of America was chartered in 1898 as Zeta of Pennsylvania. Election of members-in-course, alumni members, and Honorary members, based upon scholarly attainment and distinction, takes place at the end of the academic year. *President*: Lucius R. Shero, '11; *Vice President*: Irvin C. Poley, '12; *Secretary*: Harry W. Pfund, '22; *Treasurer*: Holland Hunter, '43.

FOUNDERS CLUB.—The Founders Club was established in 1914 as a Haverford organization of students, alumni, and Faculty. Election to its membership is recognition of a sound academic record combined with noteworthy participation in extra-curricular activities. Undergraduate elections are usually limited to the Junior and Senior classes. *President*: Robert P. Roche, '46; *Secretary*: William M. Packard, '56.

## Honors

Honors are of two kinds: *Honorable Mention* in a single course and *Final Honors* for work in the major department.

*Honorable Mention* in a single year course will be awarded at the end of the Freshman or Sophomore year for acceptable work in that course and additional work in the total amount of not less than seventy-five hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and may be required to pass an examination on the additional work. Two courses of one semester each in the same department may be construed as a single course.

A student who has received the prescribed grade in the regular work of a course required for *Honorable Mention*, but who has not done the additional work required in connection with that course may do so with the consent of the professor in charge during the succeeding year.

*Final Honors* are designed to provide stimulation for capable students to undertake and carry through academic work of high quality. The Faculty has agreed that three indications of such high quality work on the student's part are: first, a broad and thorough understanding of his major field; second, within the range of his honors work a knowledge more profound than would normally be expected; and third, some understanding of the relationship of his major field to other areas of human experience.

A student who is considered by his major department to have the ability to become an honors candidate is invited to do so and is informed of the

nature of the honors work expected as early in the course of his major work as is convenient. Although the nature of honors work varies from department to department, some work outside of the regular course work in the department, preferably along lines of the student's particular interest, may be required. The honors candidate may gain sometime for this extra work by devoting one or more project courses to it in his Senior year.

Three grades of Final Honors are awarded: *Honors*, *High Honors*, and *Highest Honors*. *Honors* are awarded at the discretion of the major department to honors candidates who meet the qualifications and may, under exceptional circumstances, be awarded to students who have done excellent departmental work even though they have not undertaken honors work as such.

*High Honors* and *Highest Honors* are awarded by the Faculty. Candidates for honors whose work has been outstanding are invited by the department to take a public oral examination, conducted by an examination committee under the chairmanship of the major supervisor and including at least two examiners from fields other than the candidate's major. If this committee so recommends, the Faculty may award High or Highest Honors. In general, Highest Honors are reserved for students who have demonstrated both breadth and depth of scholarship.

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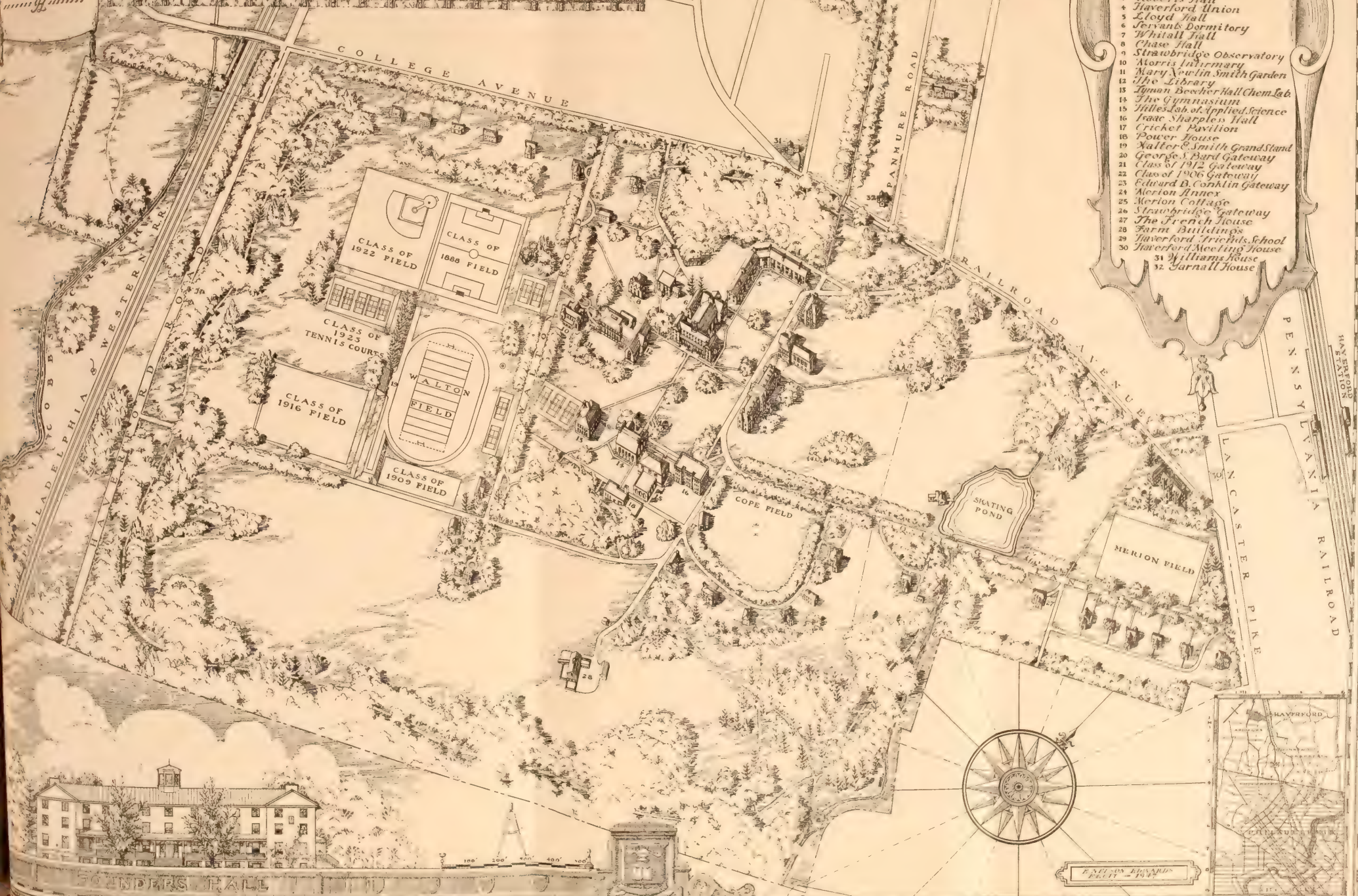


# A MAP OF THE GROUNDS OF HAVERFORD COLLEGE

Founded by the SOCIETY of FRIENDS in 1833  
Sited in Haverford Township, Delaware County, and in  
Lower Merion Township, Montgomery County,  
HAVERFORD, PENNA.

## Legend

- 1 Founders Hall
- 2 Barclay Hall
- 3 Roberts Hall
- 4 Haverford Union
- 5 Lloyd Hall
- 6 Servants Dormitory
- 7 Whitall Hall
- 8 Chase Hall
- 9 Strawbridge Observatory
- 10 Morris Infirmary
- 11 Mary Nowlin Smith Garden
- 12 The Library
- 13 Ignace Donohoe Hall Chem. Lab.
- 14 The Gymnasium
- 15 Hilles Lab. of Applied Science
- 16 Isaac Sharpless Hall
- 17 Cricket Pavilion
- 18 Power House
- 19 Walter E. Smith Grand Stand
- 20 George S. Bard Gateway
- 21 Class of 1912 Gateway
- 22 Class of 1906 Gateway
- 23 Edward B. Conklin Gateway
- 24 Merion Annex
- 25 Merion Cottage
- 26 Strawbridge Gateway
- 27 The French House
- 28 Farm Buildings
- 29 Haverford Friends School
- 30 Haverford Meeting House
- 31 Williams House
- 32 Barnall House



FOUNDERS HALL

EXPLANATION





# HAVERFORD COLLEGE

## BULLETIN



THIS ISSUE CONTAINS THE  
*REPORT OF THE PRESIDENT*  
1953 - 1954

VOLUME LIII

NUMBER TWO

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*October, 1954*





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## REPORT OF THE PRESIDENT

*presented at the  
Annual Meeting of the Corporation  
of Haverford College*

*October 12, 1954*

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**A**T A TIME when the College has managed to level off its enrollment and proposes to maintain that level in the face of an oncoming wave of college admissions, it seems right in reporting on the year just past to call special attention to the implications of our stand on size.

### THE YEAR IN REVIEW

Our operations during the year were characterized by consolidation of our position at our present size of undergraduate enrollment. Our basic goals did not change: we continued to seek ways of cultivating clear intellect, moral and spiritual sensitivity, and courage to act upon convictions. If we refer to the five problems which were stated last year — buildings, faculty salaries, scholarships, teaching program and general environment — progress can be reported for some but not all. The building program is well past the half-way mark. Faculty salaries remain unchanged. Scholarship help was enlarged slightly. In the tradition of liberal education and Quaker beliefs, a few changes were made in academic offerings and in college organization which were designed to improve the environment of the College as a place where greater and sounder growth would be fostered among the students. The physical plant was refurbished in parts. We sought to maintain small but high quality groups of faculty and students.

### COLLEGE PROGRAM

Several efforts were made during the year to strengthen the quality of thinking by students in their junior and senior years. Haverford has had for two decades a system under which each student elects a department of major concentration and takes a comprehensive examination in

that field during his final semester. Honors programs are offered in the major departments as a means of stimulating capable students to high quality academic work. Such students are expected to develop a thorough understanding of the major field, more profound knowledge within the range of the honors work, and breadth of knowledge and interests beyond the major field. Last spring the faculty adopted a new set of regulations for honors work designed to intensify critical student and faculty participation in the program.

At the same time a committee composed of Francis H. Parker, O. Theodor Benfey, L. Arnold Post and John P. Roche tried out a new seminar designed to help seniors bring all of their college experience to bear on problems of fundamental importance. The question of the degree to which man can and does control his own destiny was examined from the standpoints of natural science, social science and the humanities. Students from many fields, including chemistry, economics, and literature, joined in bringing to bear and exchanging their knowledge on such issues as Why men join the Communist party? Was the Civil War on the agenda of history? and Is tragedy necessary? The experiment, supported by The Rockefeller Foundation, continues this year with variation in subject matter as well as class organization.

Both the definition of honors work and the senior seminar symbolize the College's concern to combine a solid understanding of one field of knowledge with an appreciation of the relevancy of that and other fields as well to the solution of problems that confront each individual.

A grant from The Carnegie Corporation made possible the initiation of projects to advance the quality of instruction at the more elementary levels in biology and mathematics. A fresh approach to the use of laboratory work in teaching the physical basis of life is being developed by Ariel Loewy of the Biology Department. The previously fruitful work in freshman mathematics is being extended by Cletus Oakley to include the sophomore year and to bring into a completely revised course an analysis of some of the modern mathematical concepts, such as topology.

Extensive attention was given to the future of the graduate program in social and technical assistance. The faculty recommended that it continue if sufficient funds could be found to cover needed administrative costs, and with the thought that further appraisal of the program should be made. We still are in course of making that appraisal.

## *FACULTY*

Two members of the faculty retired from service in June. John G. Herndon, Professor of Public Finance, had been a member of the faculty since 1928 and in recent years had concentrated on courses in taxation and the principles of public finance. Many Haverfordians will remember him with appreciation also for his teaching in other aspects of government and for his stimulation of interest in the United States Foreign Service as a career.

Abe Pepinsky, who retired as Professor of Psychology, had come to Haverford in 1942 to teach physics and had remained to develop a new department which has grown into an important part of the College.

On leave for the year were Marcel Gutwirth, H. Field Haviland, Jr., John A. Lester, Jr., John W. Flight (second semester), Howard M. Teaf, Jr. During the current year T. O. Jones is on leave to engage in chemical research at the University of Wisconsin, William A. Reitzel is teaching at the Naval War College, John P. Roche has a Faculty Fellowship to study problems in constitutional law, Ralph M. Sargent is devoting the year to research, and Douglas V. Steere is traveling widely under the auspices of the American Friends Service Committee. John A. Kelly, Harry W. Pfund and Ira D. Reid each will take one semester sabbatic leave this year for research and travel.

Faculty members who are beginning their teaching at Haverford this year are: John Cary in German, Craig Culbert in Chemistry, Robert Durling in English, Douglas Heath in Psychology, Aaron Lemonick in Physics, Richard Rush in Chemistry, Andrew Scott in Political Science, and Robert Wisner in Mathematics.

The Philosophy Department is favored with two visiting professors: Jacob Loewenberg, formerly of the University of California, for the year, and Paul Ricocur, of the University of Strasbourg, for the first semester.

## *STUDENTS*

With the number of undergraduates currently enrolled, it is believed that the average for the year will be 450. Limitation of the entering class to 115 students (selected from 600 applicants) will enable us to maintain this size.

As numbers have decreased, scholarships have increased. During the past year 36 percent of the student body received some scholarship help.

The honor system was strengthened in several ways. The program of education for new students conducted by the Customs Committee was expanded to include more careful discussion of honor system provisions. A revision was made by the Students' Association in the hours when ladies might be entertained in dormitory rooms on weekends. A special appraisal of the working of the whole system was made at the invitation of the College by Fred Hechinger of the New York *Herald-Tribune*. From the combination of student discussion and impartial review came a deeper understanding of the implications of individual responsibility. The Haverford system is unique, and rests upon intelligent acceptance by the entire student body.

One innovation by the Class of 1954 in connection with Commencement proved highly acceptable. It was decided to invite the Commencement speaker to spend a week at the College during the Spring becoming acquainted with the class. Robert M. Hutchins accepted the invitation, and the results were a highly stimulating week of April self-examination for the seniors and a Commencement address which helpfully challenged all of the College.

## *PLANT*

The past year saw us catch up on many deferred items of maintenance and reach a point where we might expect to keep the buildings and grounds in suitable condition on a regular basis. Renovation and painting programs were completed for the Hall and Hilles laboratories. Large-scale improvement of laboratory facilities was undertaken in Sharpless. Among the less conspicuous but solid gains were road and walk re-surfacing, stairway renovation in the dormitories, and a new floor in the kitchen.

An anonymous donor began a series of generous gifts of shrubs and trees which promise to change the physical aspects of the College over a long period. Excellent specimens have been planted around the Cricket Pavilion and the buildings facing on the "Lawn," in accordance with plans prepared by Stevenson Fletcher. Extension to other parts of the campus is in prospect.

## *FINANCES*

The College exceeded its budgeted expenditures at a number of points, particularly in connection with the development program and physical maintenance, but the income from funds was sufficient to cover these costs and to yield a small operating surplus. In scheduling our expenses the effort was made to provide maximum amounts for instruction and maintenance without incurring a deficit and without encumbering the College with heavy continuing commitments which could not be reduced. The unit fee was increased to \$85.00, effective 1954-55.

As we look forward to the completion of the first three units of the dormitories we can consider the desirability of placing our student charges on a single-fee basis.

## *DEVELOPMENT PROGRAM*

The second year of the new development program brought accomplishment in planning, in financial support and in actual construction.

Plans for the first units of the dormitories reached the final stage in the late Spring. During the summer specifications were developed by George Ewing, borings and surveys were completed, a study was made of heating needs, and approval of plans was sought from the state agencies.

Authorization was given at the end of the summer for Carroll, Grisdale & Van Alen to prepare final plans for the field house.

Meanwhile, the response to the appeal for support of the building program was widespread and generous. With the second year still not finished, 43 percent of alumni had contributed and a total of \$670,000 had been pledged or given. Under the guidance of Jonathan Rhoads and John Williams, solid organization was built. Francis R. Strawbridge chaired an active committee for capital gifts, and Earl Harrison headed a parents' committee which found an interested response larger than from any previous appeal.

The funds in hand or assured last June seemed sufficient to warrant the Board of Managers in authorizing construction of the first three units of the dormitories. Ground was broken on Alumni Day, but because of the delays in arriving at approval of final specifications, it was necessary to defer actual construction until this autumn. Bids now are being solicited for the work. Because the dormitories will be on the site of the tennis courts near the chemistry laboratory, it was necessary to relocate

those courts in the area behind Walton Field. This was done during the summer, adding one court and installing three all-weather courts which will greatly increase the possible playing times. As soon as \$850,000 is obtained the stage will be set to begin the field house.

In the year ahead we will approach the most difficult phase of the development program. All the evidence suggests that support will be found to reach the \$1,000,000 goal, but that more people must take part and that several major gifts will be needed.

Our greatest handicap will be the absence of the man who more than anyone else has contributed ideas and energy to the development program.

### *LESTER HAWORTH*

When Lester Haworth came to Haverford six years ago he lost little time in helping the College realize its pressing needs and its capacity to meet them. Through his efforts the 1949 Campaign took shape, and it was his idea to concentrate annual giving on the building program. He raised the sights of all of us, and he quietly showed the way to the new goals. At his death in August he left us all a legacy of vision and accomplishment.

### SIZE OF THE COLLEGE

In the College program of 1947 it was proposed that the undergraduate enrollment should be reduced to 400. This number was reached by a series of approximations, and while it was not regarded as having particular virtue in itself it seemed to offer the best solution to the problem of maintaining essential qualitative standards without undue financial sacrifice. Since then we have reduced the enrollment each year so that during the current year it will average 450. It has seemed wise to level off at this size.

The decision to hold enrollment at 450 now is subject to two questions. First, why should we not reduce this further to 400? Second, is it desirable to remain so small in the face of an impending increase in number of possible applicants to colleges and universities? Some answers may be suggested without attempting a comprehensive analysis of the question of size of other colleges.

To the first question the answer seems relatively simple.

In recent years, as we approached 450, we have concluded in our

budgeting that to reduce tuition income below that figure would require cutting expenditures which appear to be essential for serving student needs. As much as we might like to have the smaller college, it would be more expensive than present endowment resources would permit. However, we need not give up the hope for further slow reduction below 450.

The answer to the second question is more complex. When the previous decision as to size was reached, the College faced a post-war bulge of enrollment, but looked to a period of relative decline in demand for higher education. Four hundred was regarded as desirable when the then-current emergency had passed. Now the prospect is clearly for a 70 percent increase in population of college age in the United States by the year 1970. To the extent that the proportion of this age group actually going to college increases, the enrollment will increase in still greater proportion, and some analysts believe that the college and university enrollments will double in the next fifteen years. Whether one takes the conservative estimate of 70 percent or the liberal estimate of 100 percent, the prospective growth will be so great as to place very heavy pressures upon the educational agencies of the country. Faculties will have to be expanded and new buildings will have to be built, both on a larger scale, if the needs are to be met. Expansion of teaching staff and physical facilities need not be in precisely the same proportion as enrollment. In some institutions new students could be added at modest expense: others already are over-crowded or under-staffed. This increased demand for higher education promises to be long sustained, rather than a temporary emergency.

In the light of that prospect, we may re-examine the reasoning behind our decision to avoid further expansion. The primary consideration was a size which would permit the development of a genuine community of faculty and students. Experience with enrollments ranging from 100 to 600 had convinced the Haverford faculty that somewhere between 400 and 500 the College passed the point at which every member of the student body might hope to know the others, and at which faculty members might expect to know all the students by sight. At present all members of each class do know each other. It does not follow that all persons in the College who might expect such acquaintance in fact achieve it, but so long as the possibility and expectancy exist, many are likely to strive for it, and some may arrive at it. A larger enrollment makes such a relationship impossible.

From it may come, with proper cultivation, a number of benefits in the educational process. Students may develop personal acquaintance with a substantial proportion of the faculty. Students are obliged to live, outside as well as within the classroom, with others having quite different vocational interests, skills and family backgrounds: the group is too small to permit large and lasting cliques of students having special interests. Heavy responsibility for management of student government and the honor system can be placed upon a student body in which each member has a clear identity for the others. There can be a regular period of common worship and meditation. Intellectual discussion of problems of broad interests, such as those posed in Collection, as well as in classes, can be widely shared. In the whole atmosphere of the College there can be, given the right people, a joining of respect for each individual's development with a sense of common aims and responsibility.

Secondary considerations in arriving at this decision related to finances, admissions and diversity in college life. To enlarge enrollment beyond 400 or 450 would require in the long run an expansion in the dining hall, the Meeting House, the Library and the laboratories. Our present program for dormitories and field house is necessary for the lower enrollment and would have to be expanded if additional students were to live on the campus. So also would scholarship funds. It is believed that a reduction in proportion of residential and scholarship students would be undesirable. Any funds which might be available for expanded facilities would seem better used for faculty salaries, scholarships and books.

Moreover, a larger enrollment would impose difficulties in selecting a competent and well-balanced entering class. The process would become less personal and selectivity would be reduced. On the other hand, to admit a much smaller class would seem to make for an undesirable reduction in the diversity of outlook and background of the students that would influence both class discussion and extra-curricular life.

Some aspects of the problem are far from clear. It has been argued that a larger enrollment would spread fixed overhead costs of administration and maintenance more thinly. In fact, our percentage costs for these services are as low as or lower than larger institutions of our character. A larger size might well permit greater diversity in academic offerings, but here there is strong reason to believe that greater depth rather than spread would be more helpful to student growth. Wherever and whenever



colleges study their size, there seems to be a strong tendency to conclude that a modest expansion would be helpful. There always are advanced classes that would seem more efficient if attendance were enlarged, just as some elementary ones would gain from reduction in size, and there always are departments that would feel strengthened with at least one extra member and one extra course. These may stimulate the faculty and improve the allocation of teaching load. It is not at all certain from some of the recent management studies that largeness brings administrative efficiency, and there is a strong suggestion that where individual student growth is the goal the expense of services and administration tends to multiply disproportionately. The substitute for a college community where individual problems are widely recognized and shared may be a complex organization of personnel counselors, psychiatrists and deans, who can hardly hope to duplicate the understanding and affectionate acceptance that comes in the smaller group.

Placing all of these considerations in the balance, we have felt that the college of 400 to 450 comes closest to providing the environment which we feel is conducive to sound education. But can this position be sustained in the face of the tidal wave of students who are moving toward the colleges? Some colleges feel they have a public responsibility to expand their facilities as best they can. Our position is that we may be of greatest service in the long run by not so expanding. To expand would clearly, but to an undetermined degree, detract from the quality of our present work. It seems important to bend our efforts to improving rather than debasing those standards in a period when the pressures of expansion will be heavily in the other direction.

Haverford College, and others like it, has at least two constructive parts to play. One is to demonstrate that smaller units for liberal education are both desirable and practicable. To the extent this experience can be driven home, it may foster expansion in the form of area colleges, as in Pennsylvania, or of new units in university systems, as at Riverside in California, or of house plans within universities, as at Harvard, rather than further concentration of students in present centers. In a pluralistic society it is important to avoid a single, rigid educational system.

A second service may be to show what liberal arts colleges can do with greater selectivity and without major expansion. It may well be that it would be in the public interest to expand junior college and

technical school facilities to care for the enlarged enrollment, leaving to the present liberal arts colleges those students who seriously want, and are prepared for, a four-year program. Many students who now go through the four-year curriculum for the bachelor's degree because the degree seems socially important, might better be served by genuinely liberal studies in a two-year college, leaving places for others with deeper intellectual interests.

From these standpoints Haverford would meet its responsibilities best by seeking to improve its efforts at the small size, and to interpret its aims and methods to others. So acting, its impact might be small, but we would be in the Quaker tradition of testifying modestly, within our means, and independently of, but not indifferent to, the social pressures of the times, to what we feel to be right. The liberal education which we feel to be right is one that cultivates the growth of courageous and effective men who with integrity, faith in individual human worth, concern for the welfare of others, and a sense of spiritual guidance, can make sound judgments of ends and means. To do this best seems to require a diversified but unified community of faculty and students. Such a college is necessarily small and preferably free from public direction. We believe we can best serve the expanding population of college youth by demonstrating these convictions in action.

GILBERT F. WHITE

STATISTICS FOR REPORT OF THE PRESIDENT  
1953-1954

ENROLLMENT

Fall Semester, 1950 . . . . .	509
Spring Semester, 1951 . . . . .	476
Fall Semester, 1951 . . . . .	499
Spring Semester, 1952 . . . . .	480
Fall Semester, 1952 . . . . .	493
Spring Semester, 1953 . . . . .	489
Fall Semester, 1953 . . . . .	479
Spring Semester, 1954 . . . . .	468
Fall Semester, 1954 . . . . .	472*
*Undergraduate Students . . . . .	460
Graduate and Special Students . . . . .	12

## COMPOSITION OF THE STUDENT BODY

### FALL SEMESTER, 1954

The student body represents 29 states. The following foreign countries are represented: Austria, Bolivia, Cuba, Germany, Haiti, India, Japan, Jordan, Lebanon, Liberia, Netherlands, Sweden, Switzerland, Thailand, Venezuela.

Students who are members of the Society of Friends number 58, or 12 percent of the total.

### REGISTRATION IN ACADEMIC COURSES

<i>Department</i>	<i>Registration*</i>								
	1954	1953	1952	1951	1950	1949	1948	1947	1946
Astronomy . . . . .	41	41	48	26	23	19	16	18	12
Biblical Literature . .	40	35	39	38	42	37	65	36	33
Biology . . . . .	95	42	35	54	36	64	48	56	93
Chemistry . . . . .	199	206	190	169	177	162	187	232	193
Economics . . . . .	140	132	76	153	139	169	212	226	115
Engineering . . . . .	24	32	33	34	37	50	44	39	43
English . . . . .	323	312	364	367	411	412	414	353	423
French . . . . .	119	106	102	91	94	99	86	120	107
German . . . . .	91	108	118	113	96	125	129	157	140
Greek . . . . .	22	14	27	44	31	25	34	46	30
History . . . . .	106	110	117	115	137	166	242	177	208
History of Art. . . . .	39	38	30	26	15	15	24	—	—
Latin . . . . .	20	13	11	8	5	6	3	15	12
Mathematics . . . . .	135	177	151	177	152	207	176	184	198
Music . . . . .	22	16	19	12	19	13	11	11	25
Philosophy . . . . .	183	184	171	177	218	235	213	284	181
Physics . . . . .	80	68	83	51	77	57	98	76	73
Political Science . . .	146	130	179	159	138	178	180	216	148
Psychology . . . . .	92	123	108	118	137	108	174	93	97
Russian . . . . .	8	12	16	14	6	9	12	8	8
Sociology . . . . .	69	77	51	66	49	95	107	108	153
Spanish . . . . .	48	51	54	54	58	57	70	100	84

*\*Statistics show the course registrations for the Fall Semester of each year.*

REGISTRATION IN ACADEMIC COURSES—Continued

<i>Department</i>	<i>Registration*</i>								
	1954	1953	1952	1951	1950	1949	1948	1947	1946
<i>General Courses</i>									
Haverford 100 . . . . .	13	12	—	—	—	—	—	—	—
Humanities . . . . .	91	47	61	70	80	35	41	19	4
Physical Science . . . . .	41	43	65	54	35	51	36	52	0
Social Science . . . . .	132	141	146	122	149	114	52	0	0

SOCIAL AND TECHNICAL ASSISTANCE PROGRAM

Psychology 91 — Anthropology and Human Relations . . . . .	7
Social Science 91 — Case Study of Assistance . . . . .	9
Social Science 93 — Orientation Seminar . . . . .	9
Social Science 95 — Community Development . . . . .	9

HAVERFORD STUDENTS AT BRYN MAWR

Geology . . . . .	14
History . . . . .	2
History of Art . . . . .	5
Italian . . . . .	1
Music . . . . .	1
Political Science . . . . .	1
Russian . . . . .	4
Sociology . . . . .	1
Spanish . . . . .	3
Mathematics (Graduate School) . . . . .	1

DEGREES GRANTED, June 4, 1954

A.B. . . . .	97
S.B. . . . .	15
A.M. . . . .	17
S.M. . . . .	2

\*Statistics show the course registrations for the Fall Semester of each year.

## COLLEGE VISITORS

1953-1954

### *Collection Speakers*

- Jervis J. Babb, President, Lever Brothers Company, New York City  
Harry P. Cain, Chairman, Subversive Activities Control Board  
\*\*G. Brock Chisholm, M.D., former Director-General, World Health Organization  
Harold Clurman, dramatic critic and producer  
Fritz Eichenberg, artist  
\*\*Haven Emerson, M.D., Emeritus Professor of Public Health, Columbia University  
\*Enrico Fermi, Distinguished Service Professor of Physics, University of Chicago  
Lukas Foss, Department of Music, University of California  
Thomas C. Hennings, Jr., U. S. Senator from Missouri  
Harry C. Meserve, First Unitarian Church, San Francisco  
James A. Michener, author  
Philip Noel-Baker, Member of the House of Commons  
Jacob S. Potofsky, President, Amalgamated Clothing Workers  
John Provinse, anthropologist  
Jack R. Robinson, Brooklyn Dodgers  
\*\*Howard A. Rusk, M.D., Department of Rehabilitation and Physical Medicine, New York University  
\*Glenn T. Seaborg, Professor of Chemistry, University of California  
\*William P. Shepard, M.D., Vice President, Metropolitan Life Insurance Company  
Jan Tinbergen, Director, The Netherlands Central Government Planning Office  
André Trocmé, International Fellowship of Reconciliation, Paris  
Peter Viereck, poet

### *Departmental Visitors*

- Reginald Barrett, Nigeria Liaison Office  
\*\*Chester I. Barnard, former President, The Rockefeller Foundation  
Lucien Bernot, delegate of Centre National de la Recherche Scientifique to International Research Office on Social Implications of Technical Change  
Curt Boenheim, M.D., psychiatrist, Tavistock Institute of Human Relations  
Bart J. Bok, Professor of Astronomy, Harvard University  
Aleksandar Bozovic, Secretary of the Permanent Mission to the United Nations of the Federal People's Republic of Yugoslavia  
\*Harrison Brown, Professor of Geochemistry, California Institute of Technology  
Antoinette Cannon, Consultant to the Government of Puerto Rico  
Lester V. Chandler, Professor of Economics, Princeton University

- H. C. Chang, Division of Social Welfare, United Nations  
 G. Kitson Clark, Fellow of Trinity College, Cambridge University  
 Geoffrey Clive, Department of Philosophy, University of Delaware  
 \*W. Sterling Cole, Chairman, The Joint Committee on Atomic Energy of the  
 House and Senate  
 E. Virgil Cooper, Visual Education, School District of Philadelphia  
 Charles A. Coulson, Rouse Ball Professor of Mathematics, Oxford University  
 Thomas P. Davie, Principal, Capetown University  
 Dorothy Day, Catholic Workers' Movement, New York City  
 William F. Deedes, Member of the House of Commons  
 Egbert deVries, The International Bank  
 William Ebenstein, Professor of Politics, Princeton University  
 Glen E. Edgerton, Managing Director, Export-Import Bank  
 Peter G. Franck, Professor of Economics, American University  
 Francois Goguel, Executive Officer, French Conseil de la Republique  
 Theodore M. Greene, Professor of Philosophy, Yale University  
 Samuel Gurin, Professor of Physiological Chemistry, University of Pennsylvania  
 George H. Hallett, Jr., Director, Citizens Union of the City of New York  
 Earl P. Hanson, Department of Geography, University of Delaware  
 Gail A. Hathaway, hydrologist  
 Dennis Healey, Member of the House of Commons  
 Fred Hechinger, Education Editor, *New York Herald Tribune*  
 Robert M. Hutchins, President, The Fund for the Republic, New York City  
 Clarence King, Consultant, United Nations  
 A. A. Knowlton, Emeritus Professor of Physics, Reed College  
 Robert Lagemann, Professor of Physics, Vanderbilt University  
 Frank C. Laubach, Committee on World Literacy and Christian Literature  
 Glen Leet, Division of Social Welfare, United Nations  
 C. I. Lewis, Emeritus Professor of Philosophy, Harvard University  
 Thomas O. Mabbott, Professor of English, Hunter College  
 Martin Malia, Assistant Professor of Russian History, Harvard University  
 Milton Mayer, author  
 David McClelland, Professor of Psychology, Wesleyan University  
 Edward R. Miller, Chaplain, Antioch College  
 Lewis Mumford, philosopher and writer  
 Kathleen Regan, New York School of Social Work  
 David Reisman, Professor of Social Science, University of Chicago  
 William Rieman, III, Professor of Analytical Chemistry, Rutgers University  
 A. P. Ruderman, economist, International Labor Office, Geneva  
 John Sandelmann, former Consultant to the Commissioner, Trust Territories  
 of the Pacific Islands  
 \*Martin Schwarzschild, Eugene Higgins Professor of Astronomy, Princeton  
 University  
 Mohammed Shalaby, Division of Social Welfare, United Nations  
 Walter Silz, Professor of German Literature, Princeton University  
 Hans Singer, Department of Economic Affairs, United Nations

- E. W. Sinnott, Dean of the Graduate School, Yale University  
 William Wharton Smith, designing engineer, Electric Storage Battery Company,  
 Philadelphia
- \*\*Joseph Stokes, Jr., M.D., Physician-in-Chief, The Children's Hospital of  
 Philadelphia**
- Samuel Stokes, Department of French, Amherst College  
 Otto Struve, President, International Astronomical Union  
 Daisetz T. Suzuki, Visiting Professor, School of Japanese Studies, Columbia  
 University
- Woodlief Thomas, Economic Advisor, Board of Governors of the Federal  
 Reserve System
- Mottram Torre, psychiatrist, Foreign Operations Administration  
 Albert W. Tucker, Professor of Mathematics, Princeton University  
 William Vogt, Planned Parenthood Federation, New York City  
 William E. Warne, Director of American Operations Mission to Iran  
 John Witthoft, State Anthropologist, Harrisburg  
 Paul Yeager, Federal Mediation and Conciliation Service, Philadelphia  
 Paul Ylvisaker, Associate Professor of Politics, Swarthmore College
- \*Walter H. Zinn, Director, Argonne National Laboratory, Chicago**  
**\*Raymond E. Zirkle, Institute of Radiobiology and Biophysics, University of  
 Chicago**

*Advisory Committee on the Graduate Program*

- Scott Buchanan, Foundation for World Government, Charlottesville, Va.  
 Morris Llewellyn Cooke, Consulting Engineer, Philadelphia  
 Isador Lubin, former U. S. Representative on Economic and Security Council,  
 United Nations
- Dillon S. Myer, Executive Director, Group Health Association, Washington,  
 D. C.
- Clarence E. Pickett, Honorary Secretary, American Friends Service Committee  
 Emory Ross, Division of Foreign Missions, National Council of the Churches  
 of Christ, New York City
- George K. Strode, former Director, International Health Division, Rockefeller  
 Foundation

- \*Lecturer in series on Nuclear Science**  
**\*\*Lecturer in series on Frontiers in Medicine**

## REPORT OF THE LIBRARIAN

1953-1954

The Librarian is in a peculiarly good position this fall to take an Olympian view of proceedings in the Library during 1953-54, since he was in fact 3,000 miles away during the whole of that period. The administration of the Library was in the hands of Mrs. Ruth Reese and Mrs. Esther Ralph, Assistant Librarians, while I was absent on a year of sabbatic study in Oxford, England.

The first thing that strikes one in viewing the past year from this perspective is the splendid work of the Assistant Librarians and their staff. It is a tribute to their professional skill as librarians to report that the technical processes and regular services of the Library in 1953-54 were competently administered. But beyond this their province last year included the supervision of the work of 23 student assistants, and the scheduling of their 4,098 hours of work; dealing with faculty recommendations on Library policy and requests for special acquisitions and services; and meeting the needs of a student body which last year more than ever before made the Library their place of study. Esther Ralph, Ruth Reese, and their staff carried out these added responsibilities with intelligence, tact, and good judgment. To me it is a deep satisfaction, in returning this fall, to see the accomplishments and feel the spirit of cooperation which Ruth Reese and Esther Ralph have brought to the Haverford Library during the past year.

A second striking development of 1953-54 is apparent from the circulation statistics appended to this report. Not only did the general circulation of books outside the Library increase markedly — that is a trend to be encouraged — but the circulation of reserve books within the Library increased by some 54% over the figures for 1952-53. This is a startling increase. Our wishful thoughts are that it reflects the appeal of the renovated North Wing as a place for quiet study, or a greater readiness on the part of the Library staff to call special books to the student's attention and to help with reference questions. Both of these factors have probably influenced the trend. The major cause, however, would seem to be a new trend in the curricular program of the College,



a tendency to build courses on intensive study of selected works in the Library rather than on classroom texts on the one hand or on more diverse reading lists on the other. Whatever its cause, the trend must be watched closely during the coming year; it may presage an important shift in the role of the Library in the educational program at Haverford. By present figures, withdrawals of books from the Reserve Book Room during the past year were almost as numerous as withdrawals from the main collections of the Library.

Last year the faculty Library Committee began its survey and deliberations, as forecast in last year's report, on the ideal role of the Library in the Haverford program. Much groundwork has been done. In the coming year this study must be pushed to completion, and with it a survey undertaken by the Library staff to determine what resources of staff and equipment will be needed if we are to fill the role described for the Library in the academic life of the College. 1954-55 should be a year in which we set the sights for future development of the Library for several years to come.

### *PHYSICAL PLANT*

Though there were no major physical improvements made in the Library in the past year, two minor improvements should be put on record:

1. A weather-proof box was installed outside the main door of the Library, for the return of books when the Library is closed.
2. New fans were provided for the staff-room as a partial means of combatting the heat which makes work virtually impossible on the south side of the building during the summer months.

The staff-room was considerably brightened by a complete repainting during the past year.

### *STAFF*

The staff in 1953-54 was a good deal more active than in past years in attending library meetings at near-by colleges and in visiting library clinics specializing on processes in which we felt our own technical procedures could be improved. Ruth Reese and Esther Ralph attended

branch meetings of the American Library Association and the Association of College and Reference Libraries; other staff-members attended specialized meetings. The Library stands to gain a good deal from such visits, both by keeping abreast of new developments in library science and by becoming acquainted with other librarians in the area on whose friendly cooperation we rely in meeting many reference problems that come up through the year.

Three changes of staff must be reported as of the end of 1953-54. Mrs. Lunetta Headley left us after six years of excellent service in the Circulation Department; her place is filled for the coming year by Miss Fredericka Nolde, a recent graduate of Swarthmore College. Mrs. Doris Darnell, supervisor of the Reserve Book Room, has resigned to become librarian at Westtown School; Mrs. Suzanne Newhall, of Bryn Mawr, succeeds her at Haverford. Miss Katherine Jordan comes to us this year as Secretary, to succeed Miss Elizabeth Delaney, who has left to complete her undergraduate studies at Temple University. In addition to the regular staff there were three temporary appointments during 1953-54: Miss Harriet Lawrence again gave valuable assistance in the Cataloging Department, Miss Louise Coursey in circulation, and Mrs. Wilhelmina Randolph in general staff-room work.

It should be mentioned that the staff was able last year to introduce a procedure we have long felt the need of, entering a temporary card in the catalog file as soon as a book arrives, rather than waiting until the book is fully processed. The new card-record does take up valuable staff-time, but seems justified since it gives users of the Library prompt notice of the arrival of recent books.

Student assistants continued to do good service in attending the Circulation and Reserve Book Room desks, in shelving, mending, and plating books, and in other skilled library jobs. To continue to attract competent students to Reserve Book Room attendance, the wage was raised from 60¢ to 75¢ per hour for that work in January 1954. A general wage raise has been instituted for the coming year, providing 75¢ per hour for Circulation Desk attendance, 90¢ for Reserve Book Room attendance, and \$1.00 for shelving and staff-room work. This scale seems to have solved for the moment the problem of student-labor supply.

## GIFTS

There were many and generous gifts of books made to the Library in 1953-54. The list of donors and donations which follows is far from complete, though it serves to record the more extensive collections presented to the Library and several of the volumes of special interest:

From O. Theodor Benfey, 12 books on chemistry.

From William H. Bond, '37, the 1632 edition of Richard Hooker's *Laws of Ecclesiastical Policy* (STC 13719A).

From Mrs. W. Bayard Corson, 28 books on history and architecture.

From C. Willis Edgerton, Jr., '49, 137 books on chess and other subjects.

From The Embassy of the Polish Peoples Republic, the *Album of Copernicus Pictures* (1953).

From Andrew France, 18 books and periodicals on economics.

From Dr. Frederick R. Griffin, 16 books on philosophy.

From William S. Hall, 14 books of fiction.

From Philip L. Leidy, '16, 17 books of fiction.

From Miss Christine Mahl, 350 books of French and German literature and other subjects.

From Miss Virginia McCall, 4 books of fiction.

From William Maul Measey, 73 books on geography and travel.

From William A. Reitzel, '22, 3 books, including *A Modest Survey of that Celebrated Tragedy the Distrest Mother . . .* (London, 1712).

From the Rosenbach Company, 68 books of fiction.

From Mr. and Mrs. J. Henry Scattergood, 13 books, including three 18th and 19th century books on mathematics.

From Frank T. Seibert, Jr., '34, Général Collot's *Voyage dans L'Amérique Septentrionale* (Paris, 1826), 2 vols.

From Peter Stettenheim, '50, 61 books on graphic arts.

From Charles M. Tatum, '28, 32 books of English and American literature.

From Dr. Herbert W. Taylor, '14, 45 books on art and painting.

From Walter M. Teller, '31, in honor of the 70th birthday of his father, Chester J. Teller, '05, two early editions of Walt Whitman's *Leaves of Grass*: the 2nd edition (Brooklyn, 1856), and the 3rd (pirated) edition (Boston, 1860-61).

From Jan Tinbergen, 10 books on economics.

- From Mrs. James G. Vail, 52 books on various subjects.  
From Charles Warner, 30 volumes of Brookings Institution publications on political science.  
From Mrs. Allison P. Wesley, 3 books on art and literature.  
From Mrs. A. Clement Wild, 9 19th-century volumes on English church and university history, plus R. Ackermann's celebrated *Microcosm of London* (1808-11?) in 3 vols.  
From William C. Wilson, '54, 24 books of French, Latin, and English literature.  
From Mitchell Winn, '53, 9 books on drama.

In addition to these gifts and many others which are mentioned in the Report of the Curator of the Quaker Collection, many books of general interest were purchased in the past year on funds donated by the Library Associates, who in this and other ways have continued to lend valuable support to the work of the Library.

It is one of the rather mixed satisfactions of a sabbatic leave to realize how well the College manages to survive in your absence. Certainly the Library seems to have done its work smoothly and effectively during 1953-54.

Respectfully submitted,

JOHN A. LESTER, JR.

# STATISTICS FOR REPORT OF THE LIBRARIAN

1953-1954

## *Growth of Collections*

Total number of volumes (as of August 31, 1954)	196,828
Number of volumes added in 1953-1954:	
By purchase .....	2,691
By gift .....	748
Government Depository .....	317
Number of books discarded.....	31

## *Circulation*

Faculty and staff borrowings.....	3,670
Students .....	17,687
Outside borrowers .....	5,714
Total .....	27,071
Books charged out to carrels.....	743
Total .....	27,814

## *Reserve Book Room*

Books put on reserve.....	3,373
Reserve book circulation:	
Library use .....	20,337
Overnight .....	2,852
1-day .....	171
3-day .....	822
1-week .....	30
2-week .....	209
Total .....	24,421

## *Interlibrary Loan, 6/10/53-6/10/54*

Borrowed .....	284
Loaned .....	714

# REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1953-1954

Last year's review of the character and long-range objectives of the Treasure Room and its several collections has had two important results, both of which have to do with collections relating to Rufus Jones. The survey of the Rufus M. Jones Collection on Mysticism by John J. Stoudt, '33, produced a long list of "books wanted," and we have begun a systematic program of buying in the field with the income from the fund left for this purpose by Professor Jones at his death. By this means thirty-seven books came in during the year, and we shall proceed steadily in our acquisition of publications recommended by Dr. Stoudt and approved by the Philosophy Department. We hope thus to maintain the Collection on Mysticism as one of the unique resources of the Haverford College Library. Dr. Stoudt himself gave to the Collection seventy-five rare and out-of-print volumes from his own library of German and German-American mysticism.

Rufus Jones's manuscripts and papers, which are housed in the Library, received their first sorting and arranging during the past year. Mary Hoxie Jones took the chief responsibility for the work, and was assisted by Ruth Smith, whom the College employed from a special grant generously provided by the trustees of the Thomas H. and Mary Williams Shoemaker Fund.

## ACTIVITIES

Meanwhile the Treasure Room has witnessed the normal activities of a normal year.

*Visitors:* Twenty-seven research students have used our collections, an increase of seven over last year. Most of these researchers were interested in Quaker subjects, as for instance, Mack E. Thompson, of Providence, who came to see our materials relating to the Rhode Island Quaker, Moses Brown; Hanna D. Monaghan, who is studying the healing miracles of George Fox; Henry S. Allen of Amherst, interested in

Quaker merchants; Reverend Howard Thurman of Boston, who sought information on Rufus Jones; and William B. Edgerton of State College, seeking material on Friends and Russia. Maxfield Parrish, artist and Haverfordian, was a subject of more than the usual interest. Fred and Sara Machetanz from Alaska, and Seth W. Mattingly, a newspaperman from Dearborn, Michigan, spent some time looking over the famous Chemistry Notebook and our Parrish letters. Henry J. Cadbury dropped in frequently, and William Bacon Evans, whose work on a "Dictionary of Quaker Biography" continues, shared a regular place on the balcony of the Treasure Room with Mary Hoxie Jones and Ruth Smith. Our most distant research scholar was M. S. Khan, who came from Calcutta to use some of the rare Oriental manuscripts in the Rendel Harris Collection.

Visitors of a more casual nature, sightseers and students on Saturday and Sunday afternoons, attenders of meetings and special events in the Treasure Room numbered 1157. We were pleased to receive visits from Emma Hausknecht, chief nurse in Dr. Albert Schweitzer's hospital at Lambarene, and His Royal Highness, Akihito, Crown Prince of Japan. We must admit, however, that the Crown Prince found more to interest him in the old examination papers and student essays on a table in the Catalogue Room just outside the Treasure Room door, than he did in the Treasure Room itself. The Crown Prince's gift to the College as a memento of his visit — a silver cup mounted on a wooden stand — is now preserved among the memorabilia in the Library.

*Inquiries by Mail and Telephone* came to us from seventy-seven individuals and institutions, with Professor Cadbury and the Friends Historical Library of Swarthmore College leading the list as usual. People wrote from twenty-seven states, the District of Columbia, England, and France.

*Meetings in the Treasure Room:* Sixteen different groups met in the Treasure Room. Four of these were College gatherings or classes, viewing the Quaker or literary treasures in the Library; two classes came from the Haverford School to see our Shakespeare volumes; the Oak Lane Shakespeare Club met here for the same purpose; the English Department sponsored a lecture on Poe by Professor Thomas O. Mabbott of Columbia University; and the History and English Departments presented Professor George S. R. Kitson-Clark of Cambridge University. The Library Associates held four Meetings during the year: Professor and Mrs. Frank D.

Watson reported on their work in Greece on October 4; John Spencer Carroll discussed the Philippines on November 8; Roy Helton read from his poems on March 13; and Philip J. Noel-Baker, '10, M.P., spoke on Contemporary British politics on May 9.

*Exhibitions:* For many of the visiting groups special exhibitions were prepared — displays of the Shakespeare Folios and Quartos and other rarities from the William Pyle Philips Collection; Greek handicrafts, and the poems of Roy Helton, for meetings of the Library Associates; Haverfordiana; Quakeriana and Anti-Quakeriana; and the Abraham Lincoln letters from the Charles Roberts and Philips Collections. In connection with the 400th anniversary celebration of the death of Copernicus, we arranged a memorial exhibition with the help of the Polish Embassy in Washington. Our Philips copy of the first edition of the great Polish astronomer's *De Revolutionibus Orbium Coelestium* provided a focus for the exhibition. Around it we grouped a series of plates illustrating the life and work of Copernicus, from an album presented to the College by the Embassy, together with a new commemorative printing of *De Revolutionibus* published in 1953 in Poland, the seventh Latin and the second Polish editions. The Curator also displayed a number of recent Quakeriana accessions at the June 8th joint meeting of the Philadelphia Quarterly Meetings of Friends at Haverford Meetinghouse, where he talked on "New Quaker Treasures in the Haverford College Library."

*The Archives of the American Friends Service Committee* continue to grow in bulk, pointing to the time when we shall have seriously to consider arranging for additional space for these and our other special collections of manuscripts and rare books.

### GIFTS AND ACCESSIONS

For the Quaker Collection we have received and accessioned thirty-eight books by gift and seventy-nine by purchase, or a total of 117. Of these seventy were catalogued during the year. Quaker manuscripts and pictures came to us to the number of 254. Manuscripts accessioned for the Charles Roberts Autograph Collection and Haverfordiana totaled 348.

We should like to acknowledge with great appreciation the following gifts:

[TWENTY-FOUR



*For the Quaker Collection:*

- Alice Albertson Shurrocks, Nantucket, Mass., certificate of Graduation from Friends Select School for Amelia Mitchell, 6 mo. 30, 1854.
- Isaac L. Hibberd, '26, Denton, Texas, letter of Elias Hicks to Edwin P. Atlee, 9 mo. 27, 1824, describing his controversial interview with Anna Braithwaite, the English evangelical Friend.
- Arthur T. Harris, Kingston-on-Thames, England, "Meditations Written by Joshua Cresson, 1793."
- Professor Gerhard Friedrich, three letters relating to the correspondence between Theodore Dreiser and Rufus M. Jones; a letter and printed copy of a lecture of Robert P. Tristram Coffin; and a broadside containing a letter from Whittier to the Young Friends Association, dated Amesbury, Twelfth Month 8, 1890.
- Anonymously, through H. Justice Williams, Philadelphia, a photograph of the birthplace of George Fox and the monument in Fenny Drayton erected to his memory in 1872.
- Samuel M. Gummere, '07, Worcester, Mass., from the estate of Amelia M. Gummere, Constitution, Minutes and Papers of the Calliopean Society of New York, 1809-1822, a literary society of which Robert F. Mott was a member.
- Homewood Friends Meeting, Baltimore, through Jean M. Smith, an elaborately bound and illustrated Book of Psalms presented by London Friends to Robert Pearsall Smith and Hannah Whitall Smith in 1874.
- Thyra S. Folke, Copenhagen, second Danish edition (1953) of Rufus Jones's *The Faith and Practice of the Quakers*.
- Mary Hoxie Jones, Bryn Mawr, MS. volume, "School Record Book" of New England Yearly Meeting, containing the name of Rufus Jones among the pupils of the school in China Monthly Meeting.
- Margaretta S. Hinchman, Gladwyne, a small bust of Elizabeth Fry, done by Mary Rivers in 1843; an engraved portrait of Elizabeth Fry; and 306 original drawings and water colors by Walter Hinchman (1845-1920).
- W. E. Swift, Sharon, Mass., thirteen books of Quaker interest.

- Alfred G. Scattergood, '98, Germantown, Thomas Scattergood's copy of the rare 1719 Manuscript Discipline of Philadelphia Yearly Meeting.
- Arnold Wood, Jr., Locust, N. J., through S. Emlen Stokes, '14, and William T. Kirk, '16, 121 manuscripts relating to Friends and the Civil War, collected by William H. S. Wood of New York, of the Class of 1859.
- Donald Yoder, Lancaster, typescript copy of a letter of Jesse and Hannah Kenworthy, Eighth Month 20, 1830, referring to the Hicksite Separation.
- Gordon Holmes, through L. Ralston Thomas, '13, Providence, R. I., reproduction of "The Quiet Hour," from the painting by Benjamin Robert Haydon.
- A. Keith Smiley, '32, Mohonk Lake, N. Y., autograph letters and documents of John G. Whittier, Bayard Taylor, Francis Wayland, and Eli Grellet Jones.
- Charles A. Gauld, Rio de Janeiro, Brazil, material relating to the life of Percival Farquhar (1864-1953), a one-time Quaker, and an entrepreneur in the development of Brazil.
- Edith H. Jones, St. Paul, Minnesota, seven manuscripts relating to the family of Benjamin W. Ladd and Elizabeth Ladd, and a manumission paper by which Samuel Jones freed some slaves in Virginia, 1820.
- Mary G. Cary, Curator, Swarthmore College Peace Collection, thirteen photographs of "Orthodox golfing enthusiasts," taken by Watson W. Dewees.
- Charles Evans, Riverton, N. J., marriage certificate of David and Alice Harlan, 1756, and John and Rebecca Carter, 1798.

*For the Charles Roberts Collection of Autographs Letters:*

- Irvin C. Poley, '12, Philadelphia, letter and photograph of General William C. Gorgas; photographs of Nicholas Murray Butler and Henry George.
- Professor Thomas O. Jones, letter of Enrico Fermi.
- Garrett S. Hoag, '23, Boston, Mass., autographed letter of President Dwight D. Eisenhower, July 11, 1953. (This makes our collection of Presidential autographs complete.)

President Gilbert F. White, autograph letters of Aleksandar Bozovic, Paul E. Brown, Harry P. Cain, Brock Chisholm, Andrew W. Cordier, Charles A. Coulson, Paul H. Douglas, Fritz Eichenberg, Lukas Foss, Hu Shih, Benjamin F. James, Charles S. Johnson, Estes Kefauver, Samuel E. McConnell, Jr., James A. Michener, Edward R. Murrow, Philip Noel-Baker, Jacob S. Potofsky, Howard A. Rusk, John Philip Sousa, III, Jan Tinbergen, Shunichi Uchida, Harold H. Velde, Peter Viereck, Kenneth Younger. Also letters relating to the visit of the Crown Prince of Japan.

Professor Albert H. Wilson, autograph letters of Henry A. Wallace and Herbert H. Lehman.

Professor D. P. Lockwood, autograph letters of Philip Noel-Baker, '10, and Malcolm Muggeridge, editor of *Punch*.

*For the Haverfordiana Collection:*

Paul L. Sassaman, Glen Head, L. I., medal issued by the Class of 1869 as a memorial to the Class of 1862.

Alfred G. Scattergood, '98, Germantown, six manuscripts relating to cricket at Haverford.

Richard W. Power, '48, Chicago, Illinois, report of recitation of his great-uncle, Enos L. Doan, '85.

From the family of Robert W. Allen, '50, American flag draped over the coffin of Robert W. Allen (1925-1953), at funeral services held at Arlington National Cemetery.

Charles Allen Perera, Scarsdale, N. Y., invitation to an Everett Society Athenaeum lecture at Haverford, April 5, 1889.

Robert N. Cohee, Philadelphia, "Policy and Practice at the Haverford College Library," a chapter from a thesis at the Drexel Institute Library School.

Richard Cadbury, '07, and Olive Cadbury, Glen Moore, Pa., program of the Haverford College "Exhibition" of 1871; letter of Asa S. Wing.

William S. Bradley, '04, and Mrs. Bradley, Vista, California, *Exercises at the Semi-Centennial Celebration of the Foundation of Haverford School in 1833, at Haverford College, Tenth Month 27, 1833*. Bound, with original water color drawings by John Collins, of the Class of 1838.

Elliston P. Morris, '22, Southampton, account books and letter-books from the Cresson and Penrose estates, and Samuel B. Morris, one of the founders of Haverford College.

Akihito, His Imperial Highness, The Crown Prince of Japan, through Ambassador Eikichi Araki, silver cup bearing the Imperial Crest.

Among the purchases of Quaker books were the following:

From the Friends Library in London, three new etchings from Robert Spence's George Fox series.

From the Rhode Island Historical Society, Clifford P. Monahan, Librarian, photostatic copies of two previously unknown Rhode Island pamphlets of 1727 by John Hammet, who was at times a Quaker and at other times a Baptist.

A copy of the *European Magazine* for October, 1784, containing "Verses on the Death of John Woolman," an early English tribute to Woolman, of which the author is unknown.

Microfilms of two theses, one of which, Thomas Kimber's Ph.D. dissertation at the University of Southern California, "The Treatment of the Quaker as a Character in American Fiction, 1825-1925," was based in part on the extensive collection of Quaker Fiction at Haverford. The other, Charles D. Gelatt's M.A. thesis at Wisconsin, "Quaker Influence on Ralph Waldo Emerson," came to us through the efforts of Henry J. Cadbury, '03.

A second French edition, published in London in 1661, of one of George Fox's earliest writings, *To All That Would Know the Way to the Kingdom* (first published in English and French in 1655). No copy has previously been known in the United States, but now Haverford has both the first English edition and this French version.

A Haverford College medal of 1876, with the seal of the Corporation on one side and a view of Founders Hall on the other. It differs from other medals of the same date in our collection in showing an inscription, "South front, 177 feet," over Founders Hall.

As we look forward to the coming year we are gratified to be able to report the prospect of progress in reducing our backlog of uncatalogued Quaker books and pamphlets. The remainder of the grant from the Thomas H. and Mary Williams Shoemaker Fund will enable us to employ a special cataloguer for four months, who we hope will be able substantially to reduce our accumulation of uncatalogued Quaker literature.

THOMAS E. DRAKE

# REPORT OF THE MORRIS INFIRMARY

1953-1954

The report for the house patients is as follows:

	1953-1954	1952-1953
Patients admitted . . . . .	92	132
Total time (days) . . . . .	262	465

Diseases are classified as follows:

Grippe and respiratory . . . . .	33
Intestinal . . . . .	40
Joint conditions . . . . .	5
Miscellaneous . . . . .	14

Total number of visits of dispensary patients:

Medical . . . . .	2,616	3,349
Surgical . . . . .	630	775
	—	—
Total . . . . .	3,246	4,124

WILLIAM W. LANDER, M.D.

PUBLICATIONS AND ACTIVITIES  
OF THE FACULTY

1953-1954

ASENSIO, MANUEL J.

Lecture: Critic and Discussion leader, "The *Argumentos of La Celestina*," paper read at the meeting of the MLA, Chicago, December 29, 1953.

ASHMEAD, JOHN, JR.

Reviews: L. M. Myers, *American English*, in *Exercise Exchange*, II (1954), 17-19.

Lectures: "English preparation of college graduates," New Jersey Association of Deans and Counselors, Rutgers University, New Brunswick, N. J.; "Values in Action," College Conference on English in the Central Atlantic States, Hunter College, New York.

Member, Board of Directors, Main Line School Night.

BELL, PHILIP W.

Review: R. Nurkse, *Problems of Capital Formation in Underdeveloped Countries*, in *New Leader* (January 11, 1954).

Lectures: Panel Resource Member, "Our Foreign Economic Policy," World Affairs Council Conference; "The 1954 Budget," League of Women Voters of Haverford Township.

BENFEY, O. THEODOR

Article: "The Scientist's Conscience," *The Canadian Friend*, 50 (1954), 2-3.

Lectures: "Addition Compound Formation and Acid-Ester Exchange in the Identification of Esters," American Chemical Society, Chicago; "Studies in Identification of Organic Compounds," Earlham College Chemistry Club; "The Evolution of the Scientific Conscience," Annual Meeting of the Society for Social Responsibility in Science, Haverford and Toronto Friends Meeting; "This I Believe," Radio Broadcast; Society for Social Responsibility in Science, Richmond, Ind.; Pendle Hill Mid-winter Institute; Bryn Mawr Chapel Committee; Friends General Conference Round Table; Radnor Meeting; Swarthmore Meeting.

Preaching Engagement: Earlham College Chapel.

BENHAM, THOMAS A.

Book: *A Manual of Experiments for General Physics*, with Richard M. Sutton, revised edition, Philadelphia: Stephenson Brothers, 1954.

Articles: "Super Horn — A Folded Horn Enclosure," with Edward J. Gately, *Radio and Television News* (September 1953).

"Purist," *Radio and Television News* (December 1953).

Lectures: "Evaluation and Development of a Guidance Device for the Blind," American Association for the Advancement of Science, Annual Meeting, Boston; "Technical Devices for the Blind," Blinded Veterans' Association, Toledo, Ohio; Member of panel and Chairman of discussion group, Blinded Veterans' Association meeting, Toledo, Ohio; "Research on Aids for the Blind," Eye Institute, Berkshire Hotel, Reading, Penna.

Chairman of the Board, Philadelphia Branch, Pennsylvania Association for the Blind.

#### BERNHEIMER, RICHARD

Book: *Art and Religion*, New York: Abrams and Co., 1954.

#### CADBURY, WILLIAM E., JR.

Book: *Preparation for Medical Education in the Liberal Arts College*, co-author with A. E. Severinghaus and H. J. Carman, New York: McGraw-Hill Book Co., 1953. (Report of the Subcommittee on Preprofessional Education of the Survey of Medical Education.)

Review: Alexander Findlay, "Introduction to Physical Chemistry," third edition, revised, by H. W. Melville, F.R.S., in *J. Chem. Educ.*, 30 (1953), 535; David Ingersoll Hitchcock, "Physical Chemistry for Students of Biology and Medicine," in *J. Chem. Educ.*, 31 (1954), 334.

Editorial work: Associate Editor, *Journal of Chemical Education*.

Lectures: Panel on "The Chief Findings and Recommendations of the Survey of Premedical Education," at annual meeting of Association of American Medical Colleges, Atlantic City, N. J.; talk on admissions requirements for medical schools to the faculty of the Bowman Gray Medical School and invited guests, Winston-Salem, N. C.; "An Environment Favorable to Learning," American Conference of Academic Deans, Cincinnati, Ohio; "The Education of Science Majors," National Institute of Science and Beta Kappa Chi Scientific Society, New Orleans, La.

Group Discussion Leader, "Conference on Student Life" for Fulbright Scholars, Swarthmore College.

#### CAMPBELL, JOHN D.

Discussion Leader, Student-Faculty Conference on Intergroup Problems in Colleges and Universities, sponsored by the Albert M. Greenfield Center for Human Relations, University of Pennsylvania, Philadelphia, January 9, 1954.

Participant, Conference on the Relation of Psychology to General Education; sponsored by the Division on the Teaching of Psychology, American Psychological Association, Galesburg, Ill.

#### COMFORT, HOWARD

Articles: "Gaulish Terra Sigillata in the University of Pennsylvania Museum," *Am. Journ. Arch.*, 58 (1954), 33-37.

"I Vasi aretini: Studi e Prospettivi di Nuove Indagini," *Atti e Memorie dell'Acc. Petrarca di Arezzo*, vol. 35, pp. 6-19.

"L'Educazione per gli Adulti negli Stati Uniti d'America," *L'Educazione degli Adulti, Discussioni e Esperienze*, 153-168.



Reviews: Aileen Fox, *Roman Exeter, Excavations in the War-Damaged Areas*, in *Class. Weekly*, 47 (1953), 28.

Ettlinger and Simonett, *Römische Keramik aus dem Schütthugel von Vindonissa*, in *Am. Journ. Arch.*, vol. 58, pp. 174-6.

Vaes and Mertens, *La Céramique gallo-romaine en terre sigillée d'Elewijt* (Belgique), in *Am. Journ. Arch.*, vol. 58, p. 174.

Lamboglia, *Gli Scavi di Albtimilium e la Cronologia della Ceramica romana*, in *Am. Journ. Arch.*, vol. 58, pp. 256-7.

Lecture: "The United States Information Administration," Classical Club of Baltimore and Md. State Teachers Assn.; Rotary Club of Ardmore, Pa.

Board of Managers, Harcum Junior College.

Director, American Philosophical Association.

#### COMFORT, W. W.

Article: "A Quaker Voyage in 1784," *Bulletin of Friends Historical Association*, vol. 42, no. 2, pp. 91-97.

Reviews: Ernest Allison, *Fruitful Heritage*, in *The Friend*, vol. 126, no. 13, pp. 207-208.

Caroline Nicholson Jacob, *Builders of the Quaker Road*, in *Bulletin of Friends Historical Association*, vol. 42, no. 2, pp. 106-107.

Emily Cooper Johnson, *Under Quaker Appointment, The Life of Jane P. Rushmore*, in *Penna. Magazine of History and Biography*, LXVIII, no. 2, 1954.

Helena Hall, *William Allen*, in *The Friend*, vol. 127, no. 24, pp. 403-404.

Lectures: "Stephen Grellet," Pendle Hill; "Foundation Tenets of Quakerism," Upper Dublin Meeting, Pa.

Overseer, William Penn Charter School.

Member of Council, Historical Society of Pennsylvania.

#### DRAKE, THOMAS E.

Reviews: Frederick B. Tolles, *George Logan of Philadelphia*, in *The Friend*, 127 (1954), 241-243.

Caroline N. Jacob, *Builders of the Quaker Road*, in *Pennsylvania History*, 21 (April 1954), 184-185.

Lectures: "Elliott Cresson and the Founding of Lincoln University," Friends Historical Association; "New Treasures in the Quaker Collection at Haverford," joint meeting, Philadelphia Quarterly Meetings of Friends; "Quakerism on Nantucket," Nantucket Rotary Club.

Member, Board of Directors, Friends Historical Association.

#### DUNN, EMMETT R.

Article: "The Coral Snake Mimic Problem in Panama," *Evolution*, vol. 8, no. 2 (June 1954), pp. 97-102.

Curator of Amphibians and Reptiles, Philadelphia Academy of Natural Science.

Research Associate, American Museum of Natural History.

### FLIGHT, JOHN W.

- Lectures: Lectures and resource leader for Corinthian Society of Bryn Mawr Presbyterian Church; lectures at Stellenbosch and Johannesburg, So. Africa, to two clubs and a church young people's group.
- Delegate of Society of Biblical Literature and Exegesis to the American Council of Learned Societies.
- Member of Council and Chairman of Committee on Research, Society of Biblical Literature and Exegesis.

### FOSS, MARTIN

- Lectures: Commencement address, Lancaster Day School: "The Philosophy of History," Spring Day Lecture, Haverford College; "Philosophy," Springfield School.
- Preaching Engagements: Bryn Mawr College; Baldwin School.
- Member, The Board of Managers, *The Friend*.

### FRIEDRICH, GERHARD G.

- Articles: "Little American Hunting Song," *The Progressive*, 17, No. 9 (September 1953), 29.
- "Identification of a Benét Passage," *The New York Times Book Review* (September 6, 1953), 15.
- "Question After Summer Rain," *The New York Times* (September 8, 1953), 30.
- "Identification of a Whittier Passage," *The New York Times Book Review* (September 13, 1953), 47.
- "Epitaph for Edgar Allen Poe," *Books Abroad*, 27 (Autumn 1953), 374.
- "Prospect at Monterey," *The Personalist*, 34 (October 1953), 362.
- "Four Vignettes," *The Educational Forum*, 18 (November 1953), 54.
- "Until the Solitary Thrush," *The Saturday Review*, 36, No. 46 (November 14, 1953), 24; also reprinted in *Friends Intelligencer*, 111 (January 2, 1954), 2.
- "Fragment from the Prologue to Pennsylvania," *Friends Intelligencer*, 110 (November 28, 1953), 646.
- "Like Pagan Gods," *Phylon*, 14 (Fourth Quarter 1953), 409.
- "Two Sonnets: Night of Lost Souls; Then, Cruising the Caribbean," *Haverford Revue* (Winter 1953), 30-31.
- "Identification of a Lowell Passage," *The New York Times Book Review*, (December 27, 1953), 19.
- "Flight 301," *The Saturday Review*, 36, No. 2 (January 9, 1954), 44.
- "The Map Within the Mind," *The Christian Century*, 71 (January 27, 1954), 105.
- Emerson's "The Snow-Storm," translated into German, *The American-German Review*, 20, No. 3 (February-March 1954), 30.
- "There are Some Lines in Shakespeare." *The Educational Forum*, 18 (March 1954), 298.
- "A Quaker Librarian in James Joyce's *Ulysses*," *The Bulletin of Friends Historical Association*, 43 (Spring 1954), 35-36.
- "Seascape and Man," *The Educational Forum*, 18 (May 1954), 424.

Reviews: Wilhelm Gundert, et al., eds., *Lyrik des Ostens*, in *Books Abroad*, 27 (Autumn 1953), 409.

Walter Höllerer, *Der andere Gast*, in *Books Abroad*, 28 (Winter 1954), 58-59.

Lecture: "The Water of Life: Poems and Commentary," Pendle Hill.

#### GORDON, MILTON M.

Articles: "The Class Personality," in Samuel Koenig, Rex D. Hopper, and Felix Gross (eds.), *Sociology, A Book of Readings*, New York: Prentice-Hall, Inc., 1953, 106-11.

"Segregation—Two-Edged Sword," (with John P. Roche), *The New York Times Magazine* (April 25, 1954), pp. 10, 62-64.

"Social Structure and Goals in Group Relations," in Morroe Berger, Theodore Abel, and Charles H. Page (eds.), *Freedom and Control in Modern Society*, New York: D. Van Nostrand Co., 1954, 141-57.

Reviews: Roy Lewis and Angus Maude, *Professional People*, in *Annals of The American Academy of Political and Social Science*, 290 (November 1953), 159-60.

Paul A. F. Walter, Jr., *Race and Culture Relations*, in *Social Studies*, XLIV (November 1953), 277-78.

Harry S. Ashmore, *The Negro and the Schools*, in *The New Leader*, XXXVII (July 12, 1954), 25-26.

Lectures: "Social Class and American Intellectuals," Eastern Sociological Society, New York; Semi-annual Lecturer in "Units for Unity" series, Fellowship House, Philadelphia; "American Social Groups," Political Science class, Swarthmore College.

Chairman, Section on "Stratification and Social Organization," American Sociological Society Annual Meeting, Champaign-Urbana, Illinois.

#### GREEN, LOUIS C.

Articles: "Correlation Energies and Angular Components of the Wave Functions of the Ground States of H<sup>-</sup>, HeI, and LiII," (with Margaret N. Lewis, Marjorie M. Mulder, Cynthia W. Wyeth, and John W. Woll, Jr.), *The Physical Review*, 93 (1954), 273-279.

"A Discussion of Analytic and Hartree-Fock Wave Functions for Is<sup>2</sup> Configurations from H<sup>-</sup> to CV," (with Marjorie M. Mulder, Margaret N. Lewis, and John W. Woll, Jr.), *The Physical Review*, 93 (1954), 757-761.

Lectures: "Correlation Energies in Two Electron Systems," Physics Colloquium, Rensselaer Polytechnic Institute; "Configuration Interaction in some Two Electron Systems," Rydberg Centennial Conference, sponsored by the International Union of Pure and Applied Physics, University of Lund, Sweden.

Outside examiner for the Ph.D. degree in Astronomy, Princeton University.

#### HAVILAND, H. FIELD, JR.

Book: *Organizing for Peace*, co-author with D. S. Cheever, Boston: Houghton-Mifflin & Co., 1954.

Review: Craig and Gilbert (eds.), *The Diplomats: 1919-1939*, in *The American Political Science Review*, Vol. 48, No. 1, (March 1954).

Editorial work: Editor of four case studies of UN policy decisions published by the Woodrow Wilson Foundation during the summer of 1954.

Lectures: "Reflections on Current World Scene," Univ. of Pennsylvania; "Development of UN General Assembly," World Federation of UN Associations; "The UN Under Attack," Haverford League of Women Voters; "Labor and American Foreign Policy," Philadelphia Dress Joint Board; "Balance Sheet of US Foreign Policy," Har Zion Temple; "Labor and the UN," Labor Education Association; Adult education course, "US Foreign Policy," Germantown Friends School; "Tariffs and US Foreign Policy," World Affairs Council Foreign Policy Institute; "Tariffs and Labor," Labor Education Association Leadership Conference; "Indo-China and the Geneva Conference," Bryn Mawr Current Events Club; "Plans for Reviewing the UN Charter," World Federalists of Philadelphia; "The US and the UN," Haverford Township Teachers Association; "US Foreign Economic Policy," Philadelphia Knitgoods Workers.

Member, panel discussing international regional organizations, American Political Science Association Annual Convention.

Member, Board of Directors and Executive Committee, Philadelphia World Affairs Council.

Member, Board of Directors, Americans for Democratic Action.

Chairman, Woodrow Wilson Foundation Seminar on the UN.

Participant, Columbia University American Assembly on "The US Stake in the UN."

#### HERNDON, JOHN G.

Articles: "Robert Middleton, of Maryland, and Some of His Descendants," *Pennsylvania Genealogical Magazine*, XIX, No. 1 (September 1952), 91-101, and XIX, No. 2 (September 1953), 141-180.

"Rhoads Shankland, Esq., (1740-1816), Surveyor of Lewes, Delaware," *Pennsylvania Genealogical Magazine*, XIX (September 1953), 131-132.

Memorial Sermon, Christ Church, Philadelphia, Nov. 8, 1952, *Pennsylvania Genealogical Magazine*, XIX (September 1953), 134-138.

"The English Order of Precedency of Gentlemen and the College of Arms," *Historical Publications of the Society of Colonial Wars in the Commonwealth of Pennsylvania*, VII, No. 7 (1954), 1-15.

Lectures: "The Past is Prologue," principal address celebrating the sesqui-centennial of the New York Avenue Presbyterian Church, Washington, D. C.; "The English Order of Precedency and the College of Arms," Society of Colonial Wars in the Commonwealth of Pennsylvania, Philadelphia Club.

Vice President, the Phi Beta Kappa Association of Philadelphia.

Vice President, the Genealogical Society of Pennsylvania.

#### HETZEL, THEODORE B.

Member, Board of Westtown Alumni Association.

Member, panel on "Science and Religion," Cape May Conference.

## HUNTER, HOLLAND

Articles: "East-West Trade in the Cold War," *Foreign Trade, The NUFA Manual*, I (1954-1955), 75-84.

"How the Russians Run Railroads," *Railway Age* (Aug. 30, 1954), 24-26.

"Prospective United States Foreign Policy," *The Friend*, 127 (March 4, 1954), 287-90.

Reviews: C. Grove Haines, ed., *The Threat of Soviet Imperialism*, in *The Friend*, 128 (August 19, 1954), 56-58.

Robert Slusser, ed., *Soviet Economic Policy in Postwar Germany*, in *The Annals*, 291 (January 1954), 193-4.

C. R. Christensen, *Management Succession in Small and Growing Enterprises*; C. Krypton, *The Northern Sea Route*; W. L. Crum, *The Age Structure of the Corporate System*; J. F. Weston, *The Role of Mergers in the Growth of Large Firms*; annotations for the *U. S. Quarterly Book Review*.

Lectures: "Growth Rates Here and There," English-Speaking Union; "The Contest for Allegiance," Military Government Headquarters Reserve.

Committeeman, Democratic Party, Fourth Ward, Haverford Township.

## JAMES, ROBERT G.

Principal investigator, research project supported by the National Science Foundation, entitled "A Study of the Implications of the Existence of Bases for Banach Spaces."

## LESTER, JOHN A., JR.

Articles: "Two Notes on John Davidson," *Notes and Queries*, N. S. I, No. 3 (March 1954), 118.

"John Davidson's Articles in *The Glasgow Herald*," *Glasgow Herald* (March 24, 1954), p. 2.

"Thackeray's Narrative Technique," *PMLA*, LXIX, No. 3 (June 1954), 392-409.

## LOEWY, ARIEL G.

Lecture: "An Actomyosin-like Substance from the Plasmodium of a Mxyomycete," Botanical Seminar, University of Pennsylvania.

## MACCAFFREY, WALLACE T.

Review: Williamson, *The Tudor Age*, in *American Historical Review* (July 1954).

Lecture: "The English Political Revolution, 1530-60," American Historical Association, Chicago.

Member, forum on research needs of Folger Library, Washington, D. C., November 1953.

## MACINTOSH, ARCHIBALD

Articles: "The Class of 1957," *Haverford Trends*, No. 25 (January 1954).

"Note on Climbing—Athabasca River," *Canadian Alpine Journal*, 1954.

"Memorial—J. Henry Scattergood," *American Alpine Journal*, 1954.

Preaching Engagement: Girard College Chapel.

Vice Chairman, College Entrance Examination Board.

Secretary, Central Committee of The School and College Study of Admission  
with Advanced Standing.

Overseer, The William Penn Charter School.

Trustee, The Episcopal Academy.

#### MELDRUM, WILLIAM B.

Editorial work: Associate Editor, *Journal of the Franklin Institute*.

Contributor, *The Catalyst*.

Chairman, Session of National Science Foundation, Washington & Lee University,  
May 6-8, 1954.

#### OAKLEY, CLETUS O.

Book: *Principles of Mathematics*, with C. Allendoerfer, preliminary edition, New  
York: McGraw-Hill, 1953, viii + 544 pp.

Article: "Mathematics Revolution Reaches the High Schools," *New York Herald-  
Tribune* (Aug. 8, 1954), Sec. 2, p. 5.

Editorial work: Editorial work for McGraw-Hill and Barnes & Noble.

Lectures: "A New Approach to Freshman Mathematics," Math. Assoc. of America,  
Drexel Institute; "Modern Mathematics," 28th Annual Conference of the  
Secondary Education Board, New York; "Thirty Painted Cubes," Swarthmore  
Mathematics Club; "A Two-Year Combined Course in Mathematics and  
Physics," ASEE, Lafayette College; "Abstract Mathematics for Freshmen,"  
M.A.A., Reid College.

Governor, Math. Assoc. of America.

Chairman, Division of Mathematics, American Society of Engineering Education.

Honors Examiner, Swarthmore College.

#### PARKER, FRANK H.

Lectures: "Minimum Requirements for a Realistic Theory of Knowledge," The  
Metaphysical Society of America, Harvard University, Cambridge, Mass.;  
"A Philosopher's View of Heaven and Hell," Youth Forum, Ardmore Metho-  
dist Church.

#### PEPINSKY, ABRAHAM

Articles: "Contributions of the Psychology of Music to the Development of Music  
Therapy," *Music Therapy*, III, 205-212.

"Limitations of Research in Music Therapy," *Music Therapy*, pp. 326-332.

Lectures: 20 lectures on Musical Acoustics and the Psychology of Music, Phila-  
delphia Musical Academy; Lectures on Mental Health to Parent-Teacher  
Associations, church groups, Community Chest, etc.

President, Mid-Atlantic Chapter, National Association of Music Therapy.

Chairman, Research Committee, NAMT.

Chairman, Psychology Committee, Music Teachers National Association.

Chairman, Montgomery County Committee, Mental Health Association of South  
East Penna.

Member, Board of Directors, Mental Health Association of South East Penn-  
sylvania.

Member, Board of Directors, Philadelphia Musical Academy.  
Chairman, Educational Board, Philadelphia Musical Academy.  
Fellow, Acoustical Society of America.  
Delegate to Governor's Conference, Detroit.  
Delegate to National Association of Mental Health, Cleveland.

PFUND, HARRY W.

Review: *German Studies Presented to L. A. Willoughby*, Oxford, in *Modern Language Notes*, LXIX, No. 6 (June 1954), 456-458.  
Editorial work: Associate Editor, *American-German Review*.  
Lecture: "Goethe und Amerika," University of Colorado.  
Vice President, Carl Schurz Memorial Foundation.  
Director and Chairman, Library Committee, German Society of Pennsylvania.  
Member, Board of Overseers, Erstes Deutsches Reichswaisenhaus, Lahr, Black Forest, Germany.

POST, L. ARNOLD

Reviews: Sir Arthur Pickard-Cambridge, *The Dramatic Festivals of Athens*, in *The Classical Weekly*, 47 (1953-1954), 87.  
Gerhard Müller, *Studien zu den platonischen Nomoi*, in *American Journal of Philology*, 75 (1954), 94-96.  
Edouard des Places, *Platon, Les Lois, Livres I-VI*, in *American Journal of Philology*, 75 (1954), 201-206.  
Editorial work: Editor, Loeb Classical Library: *Minor Attic Orators II; Rhetorica ad Herennium*.  
Lecture: "Aristotle's *Poetics* Today," Wilson College.

REESE, WILLIAM H.

Articles: Four articles of music criticism, Fremont (Ohio) *News-Messenger*, August 16-19, 1954.  
Editorial work: *Haverford College Song Book*, 1954.  
President, College Music Association.  
Conductor, The New Choral Society of Philadelphia.

REID, IRA DE A.

Articles: "Changes in Values and Attitudes: Their Implications for Higher Education," in *The New South and Higher Education*, Montgomery, Ala.: Paragon Press, 1954, pp. 68-80.  
"Social Work and the General Welfare," Alumni Day Address. New York School of Social Work, New York: NYSSW, 1954, 13 pp.  
"Integration: Ideal, Process, and Situation," *XXIII Yearbook, Journal of Negro Education* (Summer 1954), pp. 348-354.  
Review: Lillian Smith, *The Journey*, in *Phylon, Review of Race and Culture*, XV, No. 2 (Spring 1954), 206-7.  
Editorial work: Harry S. Ashmore, *The Negro and the Schools*. For The Fund for the Advancement of Education.  
Manuscript reader: *American Journal of Sociology* and *American Sociological Review*.

Lectures: University of Vermont, Howard University, McGill University, New Jersey State Teachers College (Trenton), Tuskegee Institute, Wilmington Friends School.

Friends' Institutes: General Conference, Whittier College, Avon Institute. President, Eastern Sociological Society.

Vice President, American Sociological Society.

Section Leader, Fourth United States Commission to UNESCO, Minneapolis, Sept. 1953.

#### ROCHE, JOHN P.

Book: *The Dynamics of Democratic Government*, with Murray S. Stedman, Jr., New York: McGraw-Hill Book Company, 1954.

Articles: "The Crisis in British Socialism," reprinted in *The Antioch Review Reader*, Yellow Springs, Ohio, 1953.

"Segregation — Two-Edged Sword," with Milton M. Gordon, *New York Times Magazine* (April 25, 1954); reprinted in *The Forum*, Johannesburg, South Africa (July 1954).

"Alumni and Academic Freedom," *Bulletin of the A.A.U.P.*, Vol. 39 (1953), 236-242; reprinted in *American Alumni Council News* (January 1954).

Reviews: Patterson, *Jurisprudence: Men and Ideas of the Law*, in *Cornell Law Quarterly* (Spring 1954).

Aaron, *America in Crisis*, in *Western Political Quarterly* (December 1953).

Langer & Gleason, *The Undeclared War*, in *New Leader* (October 19, 1953).

Quint, *The Forging of American Socialism*, in *Phylon* (3rd Quarter 1953).

Buckley & Bozell, *McCarthy and His Enemies*, in *New Leader* (May 24, 1954).

Miller, *Roger Williams*, in *Pennsylvania Magazine of History & Biography*, (April 1954).

Howe, ed., *The Holmes-Loski Letters*, in *U. of Pa. Law Review* (June 1954).

*The Secret Diary of Harold Ickes*, in *New Leader* (July 12, 1954).

Gay, *The Dilemma of Democratic Socialism*, in *Western Political Quarterly*, (December 1953).

Lectures: "Democracy, Problem and Process," A.F.S.C. Collegiate Institute, Washington, D. C.; "The U.S. and the U.N.," Shop Stewards, Local 813, UAW-CIO; "The Current State of Civil Liberties," Old York Road Branch, W.I.L.; "Growing Up in Crisis," Assembly Talk, Abington Friends School; "The Bricker Amendment," Haverford Township League of Women Voters; "The Quaker Tradition in Education," Collection Address, Swarthmore College; "The New Deal in Perspective," A.F.S.C. Internes in Industry, Philadelphia; "Civil Liberties Today," Local 190, ILGWU-AFL, Philadelphia; "Schizophrenia and Foreign Policy," Tamiment Institute; "Labor Politics," ILGWU Training Institute, New York.

Member, Board of Directors, Philadelphia Branch, American Civil Liberties Union. Member, Board of Directors, League for Industrial Democracy.

Lecturer, Salzburg Seminar in American Studies, Salzburg, Austria, January term, 1954.



SNYDER, EDWARD D.

Articles: "Seventy Years of Whittier Biography," *Bulletin of Friends Historical Association*, Vol. 40, No. 2 (Spring 1954), 1-15.

"Dear Lord and Father of Mankind," *The Friend*, 127, No. 9 (October 29, 1953), 134-135.

Review: Martha Hale Shackford, *Whittier and the Carthlands*, in *The Friend*, (January 21, 1954), 243.

Lectures: "Whittier's Religious Poems," annual dinner meeting of *The Friend*, Arch Street Meeting House, December 1953.

SOMERS, HERMAN M.

Articles: "U.S. Civil Control Endangered," *Freedom and Union* (September 1953).

"Workmen's Compensation: Unfulfilled Promise," with Anne R. Somers, *Industrial and Labor Relations Review* (October 1953).

"The Federal Bureaucracy: Its Reaction to Political Change," *Good Government* (January-February 1954).

"Rehabilitation and Workmen's Compensation," with Anne R. Somers, *Insurance Law Journal* (February 1954), and *Labor Law Journal* (March 1954).

"Foreign Aid Programs," *American People's Encyclopedea Yearbook*, 1954.

"The Federal Bureaucracy and the Change of Administration," *American Political Science Review* (March 1954).

"Military Policy and Democracy," *Current History* (May 1954).

"The British Industrial Injuries Act," with Anne R. Somers, *Monthly Labor Review* (May 1954).

"The Ontario Workmen's Compensation System," with Anne R. Somers, *Monthly Labor Review* (June 1954).

"Economic Mobilization since World War II," monograph, Industrial College of the Armed Forces, 1954.

Editorial work: Editorial Consultant, Public Affairs Press, Washington, D. C.

Lectures: "The Future of Workmen's Compensation," Industrial Relations Research Association, Spring Meeting, Columbus, Ohio; "Problems of Tenure," Society for Personnel Administration, Annual Meeting, Washington, D. C.; "Issues in an Election Year," 7th Annual Labor Journal Editors Conference, Chicago, Illinois; "Administration in The Federal Government," Industrial College of the Armed Forces.

STEER, ALFRED G., JR.

Book: *The Form and Function of the Family in Goethe's "Campagne in Frankreich and Belagerung von Mainz."* Dissertation, University of Pennsylvania, 1954. (Microfilm, Library of Congress card MICA 54-2085).

Article: "*The Form and Function of the Family in Goethe's 'Campagne in Frankreich and Belagerung von Mainz,'*" abstract, in *Dissertation Abstracts*, XIV (1954), 1422.

STEERE, DOUGLAS V.

Book: *The Very Thought of Thee*, with J. M. Batten, Nashville, Tenn. (1953), 87 pp.

Articles: "Christian Hope," *Theology Today*, X, No. 3 (October 1953), 367-374.  
"Letter on Africa," *The Friend*, Vol. 127, No. 19 (March 18, 1954), pp. 315-16.

"Walter Fales, 1895-1953," *The Friend*, Vol. 128, No. 4 (August 19, 1954), pp. 50-51.

Lectures: American Friends Service Committee, Annual Meeting, Philadelphia; AFSC Conference on Africa, Greensboro, North Carolina (two lectures); AFSC Annual Meeting, Indianapolis; AFSC Annual Meeting, New York City; Five Years Meeting Mission Board, New York City; Faculty Luncheon, University of Michigan, Ann Arbor, Michigan; Faculty Breakfast, Michigan State College, East Lansing, Mich.; International House, Washington, D. C.; U. S. State Department (Africa Desks) Lecture and Conference, Washington, D. C.; Contemporary Club, Philadelphia; One World Club, Cornell University, Ithaca, N. Y.; Yale Divinity School; Princeton Council of Churches; Haverford College; Swarthmore College International Club; Gould Farm, Great Barrington, Mass.; Grail Community, New York City; Haverford College Alumni, Pittsburgh, Penna.; Old Haverford Meeting; Radnor Meeting; South Jersey Half-Yearly Meeting; Ithaca, N. Y., Young Friends; AFSC Work Camp Reunion, Westtown, Pa.; Oakwood School; Dana Lecturer, Carleton College, Northfield, Minnesota; University of Michigan (Annual Lecture Series on Religion); Manchester College and Regional Conference of Church of Brethren; Founders Day Lecture, Randolph Macon College, Lynchburg, Va.; Annual Lecture Series, Howard University School of Religion (three lectures); St. George's Church, New York City (3 Lenten Lectures); Cum Laude Society, Washington (D. C.) Friends School (Annual Lecture); Ventnor Foundation, Atlantic City, N. J.; Pendle Hill; Swarthmore College Collection; Yale University (lecture to Philosophy of Religion Class); Wilson College, Chambersburg, Pa. (Commencement Address); Clergy of St. Louis, Missouri; Diocese of Central New York, Syracuse, N. Y.; Clergy of Central Pennsylvania Evangelical and Reformed Church, Reading, Pennsylvania; Philadelphia Presbytery; Yale Divinity School; Baltimore, Maryland, Methodist Clergy; Episcopal Women of Philadelphia; Council on Religion of Independent Schools, Washington, D. C.

Preaching engagements: Michigan State College; Smith College; Mount Holyoke College; Vassar College; Cornell University; Pennsylvania State University; Connecticut College; Oberlin College (Baccalaureate Sermon).

Chairman, Board of Directors, Pendle Hill.

President, Board of Trustees, Woolman House.

Chairman, American Section, International Fellowship of Reconciliation.

Member, Board of Trustees, Wainwright House.

Member, Board of Trustees, St. Martin's House.

Consultant to Harper and Bros. on religious books.

### SUTTON, RICHARD M.

Book: *A Manual of Experiments for General Physics*, with T. A. Benham, revised edition, Philadelphia: Stephenson Bros., 1954.

Article: "A Family of Solar Eclipses," *Scientific American*, Vol. 190, No. 2 (February 1954), pp. 36-40.

Review: P. W. Bridgman, *The Nature of Some of Our Physical Concepts*, in *Scripta Mathematica*, Vol. 19 (September 1953), pp. 156-158

Editorial work: Textbooks in physics for MacMillan Company.

Lectures: Demonstration Lectures in Physics: Eastern Tennessee Education Association, Knoxville, Tennessee; Hebron Academy (150th Anniversary), Hebron, Maine; Bates College, Lewiston, Maine; Friends Central School; Haverford College, Spring Day 1954; Chicago Physics Club, Chicago, Illinois; American Physical Society, Knoxville, Tennessee.

"Great Landmarks in Experimental Science" (two lectures), Washington Philosophical Society, Washington, D. C.; James Mapes Dodge Lectures (two), Franklin Institute, Philadelphia, Pennsylvania; "Tomorrow's Eclipse of the Sun." American Physical Society and American Association of Physics Teachers, Minneapolis; "A Way Through," Friends Council on Education, Atlantic City, N. J.

Member, Governing Board, American Institute of Physics.

Chairman, Committee in Charge of Westtown School.

Chairman, Committee on Awards, American Friends Service Committee.

Chairman, Examining Committee in Physics, School and College Study of Admission with Advanced Standing.

### SWAN, ALFRED J.

Book: *Russian Music from the Beginning of the Nineteenth Century*, by Igor Glebof, translated from the Russian, with annotations and introduction by A. J. Swan. Ann Arbor, Mich.: J. W. Edwards, 1954, 329 pp.

Articles: "Russian Chant, with Chart of Russian Notations and their Sources," in *New Oxford History of Music*, New York: Oxford University Press, 1954. II, 52-57; "Quartet #4 in D," performed at Provo, Utah, June 1954.

Lectures: Music Club, New Bedford, Massachusetts; International Congress of Liturgical Music, Vienna (*in absentia*, read by John Davison).

### TEAF, HOWARD M., JR.

Lectures: "What Lies Beyond the Mountain." Near East Yearly Meeting of Friends, Brummana, Lebanon; Talks on the American economy to groups of businessmen and government officials, The Hague and Amsterdam; Talks on various aspects of technical assistance at Amsterdam Quaker Center, Viittakivi (Finland) Folk High School, and KVT Finnish Workcamp Assn.

Survey of technical assistance projects of American Friends Service Committee in Israel and Jordan (March-April 1954).

### WHITE, GILBERT F.

Articles: "Work of the UNESCO Advisory Committee on Arid Zone Research," *Science*, 120, No. 3105, p. 15.

"Some new queries for Friends' schools," *American Friend*, Vol. 41, No. 23, pp. 361-362.

"The liberal arts college," *Survey of Medical Education—Subcommittee on Preprofessional Education. Preparation for medical education in the liberal arts college*, 1953, pp. 369-377.

"Alumni day address," *Westonian*, Vol. 60, No. 3, pp. 5-8.

Lectures: American Association for Advancement of Science; Friends Council on Education; Art and Science Club of Germantown; Moorestown Sunday Breakfast Club; Rutgers University Chapel; Swarthmore Economic Club; Westtown Alumni Association.

Member of Board: American Friends Service Committee; Lingnan University; New Hope Foundation; Pendle Hill.

Vice President, Pennsylvania Foundation for Independent Colleges.

Chairman, Leadership Conference, Clarens, Switzerland.

Chairman, Section on Water Resources, Mid-Century Conference on Resources for the Future.

Member: Advisory Committee on Arid Zone Research; Committee on Educational Interchange Policy, Institute of International Education.

#### WYLIE, LAURENCE

Editorial work: Associate Editor, *Symposium*.

Lectures: Northeastern Conference on the Teaching of Languages; Private School Teachers Association of Philadelphia and Vicinity; New York Chapter of Haverford Alumni Association.

Chairman, Committee on French, School and College Study of Admission with Advanced Standing.

Member, Board of Overseers of Haverford Monthly Meeting.





# Haverford College Bulletin



THIS ISSUE CONTAINS THE  
REPORT OF  
TREASURER AND COMPTROLLER  
OF

THE CORPORATION OF HAVERFORD COLLEGE  
FOR YEAR ENDING EIGHTH MONTH 31, 1954

VOLUME LIII

NUMBER THREE

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*January, 1955*





# Corporation of Haverford College

## *Officers*

Dr. S. Emlen Stokes, *President*  
Moorestown, N. J.

Wm. Morris Maier, *Treasurer*  
1000 Provident Trust Bldg., Philadelphia 3, Pa.

John F. Gummere, *Secretary*  
W. School Lane and Fox Street, Philadelphia 44, Pa.

Wm. Nelson West, 3rd, *Assistant Secretary*  
1300 Packard Bldg., Philadelphia 2, Pa.

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## Members of the Standing Nominating Committee of the Corporation

### *Term Expires 1955*

William E. Cadbury..... R.D. #2, West Chester, Pa.  
Henry C. Evans.....635 Manatawna Avenue, Roxboro, Philadelphia 28, Pa.  
Timothy P. Haworth.....Apt. 3-C, Morris Court Apts., Merchantville, N. J.

### *Term Expires 1956*

Alexander C. Wood, Jr. .... 48, The Bourse, Philadelphia 6, Pa.  
William Y. Hare .....Lincoln Liberty Building, Philadelphia 7, Pa.  
Roger Scattergood.....Provident Trust Building, Philadelphia 3, Pa.

### *Term Expires 1957*

J. Barclay Jones.....153 Gulph Road, Radnor, Pa.  
Russell W. Richie.....1212 Market Street, Philadelphia 7, Pa.  
Wilmot R. Jones.....Alapocas Drive, Wilmington, Del.

# Board of Managers

## *Ex-officio as Officers of Corporation*

Dr. S. Emlen Stokes, *President*..... Moorestown, N. J.  
Wm. Morris Maier, *Treasurer*...1000 Provident Trust Bldg., Philadelphia 3, Pa.  
John F. Gummere, *Secretary*,...W. School Lane and Fox St., Philadelphia 44, Pa.  
Wm. Nelson West, 3rd, *Asst. Secretary* 1300 Packard Bldg., Philadelphia 2, Pa.

### *Term Expires 1955*

Frederic H. Strawbridge.....801 Market Street, Philadelphia 7, Pa.  
Jonathan M. Steere.....1118 Girard Trust Bldg., Philadelphia 2, Pa.  
Stanley R. Yarnall.....5337 Knox Street, Gtn., Philadelphia 44, Pa.  
Dr. Henry M. Thomas, Jr.....314 Overhill Road, Baltimore 10, Md.  
Alexander C. Wood, Jr.....#48 The Bourse, Philadelphia 6, Pa.  
Harold Evans.....1000 Provident Trust Bldg., Philadelphia 3, Pa.  
\*Robert A. Locke.....Haverford, Pa.  
Russell W. Richie.....1212 Market Street, Philadelphia 7, Pa.  
Dr. Joseph Stokes, Jr., Children's Hospital, 1740 Bainbridge St., Phila 46, Pa.

### *Term Expires 1956*

Thomas B. Harvey ..... 50 W. Wildey Street, Philadelphia 23, Pa.  
M. Albert Linton.....4601 Market Street, Philadelphia 39, Pa.  
Edward Woolman.....Haverford, Pa.  
Thomas W. Elkinton .....Public Ledger Building, Philadelphia 6, Pa.  
Henry C. Evans.....635 Manatawna Avenue, Philadelphia 28, Pa.  
Garrett S. Hoag.....131 Glen Rd., Wellesley Farms, Mass.  
Dr. Jonathan E. Rhoads.....131 W. Walnut Lane, Philadelphia 44, Pa.  
\*James M. Houston.....717 Oliver Building, Pittsburgh 22, Pa.  
Geoffroy Billo.....25 Broad Street, New York 4, N. Y.

### *Term Expires 1957*

Charles J. Rhoads.....Ithan Road, Bryn Mawr, Pa.  
Edward W. Evans, Awbury, E. Washington Lane, Germantown, Philadelphia 38, Pa.  
William A. Bатtey.....605 Walnut Lane, Haverford, Pa.  
Dr. Frederic C. Sharpless.....Beach Haven, N. J.  
John A. Silver.....Applehill Farm, Pipersville, Bucks Co., Pa.  
H. Justice Williams.....901 Provident Trust Bldg., Philadelphia 3, Pa.  
Daniel Smiley.....Mohonk Lake, N. Y.  
\*Theodore Whittelsey, Jr.....986 Railroad Avenue, Bryn Mawr, Pa.  
\*Donald E. Wilbur.....115 Pennsylvania Avenue, Bryn Mawr, Pa.  
Stephen G. Cary.....20 So. 12th Street, Philadelphia 7, Pa.

## **Faculty Representatives on Board of Managers**

### *Term Expires 1955*

Herman M. Somers

### *Term Expires 1956*

Holland Hunter

*Alternates, 1954-55* H. Field Haviland, Jr. and Laurence W. Wylie

\*Alumni Representative Manager.

## Officers of the Board of Managers

### *Chairman of Board*

Dr. S. Emlen Stokes

### *Secretary of Board*

Wm. Nelson West, 3rd  
1300 Packard Bldg., Phila. 2, Pa.

## Standing Committees of the Board of Managers

*The Chairman of the Board is an ex-officio  
member of all committees*

### *Executive Committee*

Dr. S. Emlen Stokes, *Chairman*  
Jonathan M. Steere  
Dr. Frederic C. Sharpless  
Alexander C. Wood, Jr.  
Thomas W. Elkinton  
Edward W. Evans

John F. Gummere  
M. Albert Linton  
Dr. Jonathan E. Rhoads  
Wm. Morris Maier  
Thomas B. Harvey  
Theodore Whittelsey, Jr.

Wm. Nelson West, 3rd, *Secretary*

### *Committee on Finance and Investment*

Jonathan M. Steere, *Chairman*  
Harold Evans  
Wm. Morris Maier

Alexander C. Wood, Jr.  
M. Albert Linton  
Robert A. Locke

Russell W. Richie

### *Committee on College Property*

Daniel Smiley, *Chairman*  
Edward Woolman  
Henry C. Evans  
Geoffroy Billo

Thomas W. Elkinton  
John A. Silver  
James M. Houston  
William A. Battey

Donald E. Wilbur

### *Committee on Honorary Degrees*

Stanley R. Yarnall, *Chairman*  
Dr. Henry M. Thomas, Jr.  
Harold Evans

Garrett S. Hoag  
Dr. Joseph Stokes, Jr.  
H. Justice Williams

Holland Hunter

### *Counsel*

MacCoy, Evans and Lewis  
1000 Provident Trust Building  
Philadelphia 3, Pa.

## Administration

- GILBERT FOWLER WHITE ..... *President*  
 S.B., S.M. and Ph.D., University of Chicago; LL.D., Hamilton College.
- ARCHIBALD MACINTOSH ..... *Vice-President and Director of Admissions*  
 A.B., Haverford College; A.M., Columbia University; Ph.D., University of Pennsylvania.
- \* LESTER CORNERIUS HAWORTH ..... *Vice-President*  
 S.B., Earlham College.
- WILLIAM EDWARD CADBURY, JR. .... *Dean*  
 S.B. and A.M., Haverford College; Ph.D., University of Pennsylvania.
- MRS. EDYTHA M. CARR ..... *Registrar*
- ALDO CASELLI ..... *Comptroller and Business Manager*  
 D.S.E. and C., University of Naples.
- JOHN ASHBY LESTER, JR. .... *Librarian*  
 S.B., Haverford College; A.M. and Ph.D., Harvard University.
- THOMAS EDWARD DRAKE ..... *Curator of the Quaker Collection*  
 A.B., Stanford University; A.M., University of Michigan; Ph.D., Yale University.
- WILLIAM WOLTER LANDER ..... *Physician in Charge*  
 S.B., Ursinus College; M.D., University of Pennsylvania.
- MABEL SYLVIA BEARD ..... *Resident Nurse*  
 R.N., Lankenau Hospital.
- LOUIS CRAIG GREEN ..... *Director of the Strawbridge Memorial Observatory*  
 A.B., A.M. and Ph.D., Princeton University.
- MRS. MIRIAM R. NUGENT ..... *Dietitian*  
 B.S., New York University.
- BENNETT SMEDLEY COOPER ..... *Alumni Secretary and Assistant to the President*  
 S.B., Haverford College.
- GERTRUDE MANN WONSON ..... *Admissions Office*  
 S.B., Simmons College.
- MRS. ALICE M. BERRY ..... *Secretary to the President*
- MRS. MARIS M. OGDEN ..... *Secretary to the Dean*  
 A.B., Rosemont College.

\*Deceased

Philadelphia 10th Month 12, 1954

TO THE BOARD OF MANAGERS AND THE CORPORATION:

The report of your Treasurer for the fiscal year Ninth Month 1st, 1953 to Eighth Month 31st 1954 is submitted herewith.

It is pleasant to note that the year ended with a surplus; it is unpleasant to notice the small size of that surplus \$5,531.39. If the college operations are to continue effectively in both "good" years and "bad" years, it would seem apparent that a substantial income reserve fund must be created for use in those years when income from invested funds will be less. One reason for the high level of expenditures this year was the bringing of our physical plant into adequate condition - dormitories and other buildings and houses were renovated and painted, a new floor was installed in the kitchen, driveways were re-surfaced, and other improvements made.

Significant of the vigor of the academic life at the college are the considerable sums granted for various current projects by foundations during the year: \$66,100.00.

There were few new bequests, but the endowment was increased by payment from the executors of the estates of William Pyle Philips, Morris E. Leeds and William B. Bell. Together with new gifts, bequests and income transferred to principal, these increases amounted to \$699,499.53.

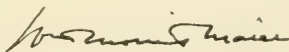
The college endowment is now divided into three parts: Consolidated Investments having a total book value of \$6,647,820.78; The William Pyle Philips Fund with a book value of \$1,813,758.48 (with all the assets not yet received); and the Anonymous Fund with a book value of \$885,155.74. The market value of all of these Funds as of Eighth month 31st, 1954 was \$12,112,053.38 or \$2,765,318.38 over book value. The rate of return on the book value of all our funds was 5.5%.

The percentage of bonds, preferred and common stock in Consolidated Investments remains practically unchanged from a year ago.

Most of the securities held represent, in the judgment of the Finance Committee, sound long term investments. We are not buyers and sellers; however, there were during the year some changes made which were deemed salubrious, these resulted in net realized gains of \$104,075.91.

As usual and in accordance with directions of the Board, a portion of income from certain of the Funds was transferred to principal and in the Anonymous Fund pursuant to agreement with the donor the total income, \$42,247.03 this year was also so transferred.

The statement of Lawrence E. Brown & Company attesting to the audit of the Treasurer and Comptroller is attached.



Treasurer

# THE CORPORATION OF HAVERFORD COLLEGE

## OPERATING STATEMENT

For the Year Ending August 31, 1954

### *Receipts at College - Applicable to Budget*

Tuition:			
Cash.....	\$242,354.44		
Scholarship Funds.....	56,663.66		
Donations.....	<u>21,326.90</u>	\$320,345.00	
Board.....		181,950.66	
Room.....		83,502.00	
Re-examination.....		25.00	
Board & Room from Non-Students.....		46,299.84	
Miscellaneous Receipts.....		<u>33,681.82</u>	\$665,804.32

### *Income from Funds - Applicable to Budget*

Consolidated Investments General Funds.....	322,317.85		
William Pyle Philips Fund - General.....	45,684.23		
John Farnum Memorial Fund.....	1,577.51		
From Trusts:			
Nathan Branson Hill.....	110.43		
W. Percy Simpson.....	1,595.11		
Henry C. Brown.....	<u>9,638.98</u>	<u>11,344.52</u>	380,924.11

### *Donations Applicable to Budget*

From Alumni Sustaining Fund.....	25,000.00		
Miscellaneous.....	<u>2,373.87</u>		27,373.87

*Interest Received*..... 2,813.89

TOTAL RECEIPTS..... 1,076,916.19

### *Expenses of Running the College*

Administration.....	123,596.35		
Educational Department.....	438,936.33		
Maintenance & Operations.....	193,067.64		
Dining Room & Kitchen.....	209,214.23		
Development.....	<u>31,325.59</u>	996,140.14	

### *Miscellaneous Expenses*

Treasurer's & Secretary's and Legal			
Expenses & Services.....	12,476.18		
Old Style Pensions.....	28,162.00		
Interest.....	1,915.94		
Stork Art Gift Shortage of Income....	301.52		
Eighth 1/10 Cost of New Boiler			
in Power Plant.....	3,564.48		
Eighth 1/10 Cost of Repairs			
to Barclay Hall.....	3,430.63		
Work Aid to Students.....	4,577.30		
Pensions to Non-Faculty and			
Reserve.....	7,250.00		
Reserve for Death Benefit			
for Non-Faculty.....	1,000.00		
Alumni Association Expense			
Charged Off.....	<u>12,566.61</u>	<u>75,244.66</u>	<u>1,071,384.80</u>

*Operating Surplus Added to Reserve Fund*..... 5,531.39

THE CORPORATION OF HAVERFORD COLLEGE

INCOME RESERVE ACCOUNT

8th Month, 1954

Balance in Reserve August 31, 1953.....	\$22,048.67
Operating Surplus for year 1953-1954 .....	<u>5,531.39</u>
TOTAL INCOME RESERVE AUGUST 31, 1954 .....	<u><u>\$27,580.06</u></u>

REPORT ON CONSOLIDATED FUNDS

	Principal			Income					
	Book Value Sept. 1, 1953	Increased	Decreased	Book Value August 31, 1954	Balance Sept. 1, 1953	Net Income	Expended	Special	Balance August 31, 1954
<u>Funds for General Purposes</u>									
General Endowment Fund.....	\$97,295.14	\$500.00		\$97,795.14		\$5,611.11	\$5,611.11		
John M. Whitall Fund.....	10,640.09			10,640.09		612.58	612.58		
David Scull Fund.....	44,806.59			44,806.59		2,579.63	2,579.63		
Edward L. Scull Fund.....	11,364.35			11,364.35		654.27	654.27		
Wistar Morris Memorial Fund.....	5,144.24			5,144.24		296.17	296.17		
Israel Franklin Whitall Fund.....	10,781.94			10,781.94		620.74	620.74		
Jacob P. Jones Endowment Fund.....	1,301,375.34			1,301,375.34		74,923.40	70,163.46	4,759.94 <sup>1</sup>	
John Farnum Brown Memorial Fund.....	275,899.76			275,899.76		15,884.23	15,884.23		
Ellen Waln Fund.....	11,117.10			11,117.10		640.04	640.04		
Clementine Cope Endowment Fund.....	21,493.67			21,493.67		1,237.44	1,237.44		
Joseph E. Gillingham Fund.....	42,394.72			42,394.72		2,440.77	2,440.77		
Henry Norris Fund.....	5,886.01			5,886.01		338.87	338.87		
Elizabeth H. Farnum Fund.....	9,160.24			9,160.24		527.38	527.38		
James R. Magee Fund.....	45,035.96			45,035.96		2,600.03	2,600.03		
Albert K. Smiley Fund.....	1,500.00			1,500.00		86.36	86.36		
Hinchman Astronomical Fund.....	39,515.48			39,515.48		2,275.00	2,275.00		
W. D. & E. M. L. Scull Fund.....	174,560.31			174,560.31		10,049.87	10,049.87		
Albin Garret Memorial Fund.....	26,771.00			26,771.00		1,541.27	1,541.27		
Arnold Chase Scattergood Fund.....	24,381.59			24,381.59		1,403.71	1,403.71		
Francis B. Gummere Memorial Fund.....	125,569.51			125,569.51		7,229.35	7,229.35		
Isaac Sharpless Memorial Fund.....	218,728.43			218,728.43		12,592.74	12,592.74		
General Education Fund.....	126,076.83			126,076.83		7,258.56	7,258.56		
William Penn Foundation.....	102,067.43			102,067.43		5,876.27	5,876.27		
William Carroll Brinton Mem'l. Fund.....	14,125.79			14,125.79		813.26	813.26		
Corporation Fund.....	85,004.50		60,175.56	24,828.94		2,584.28	2,584.28		
Elizabeth J. Shortridge Fund.....	10,000.00			10,000.00		575.72	575.72		
Howard Comfort Memorial Fund.....	5,527.31			5,527.31		318.22	318.22		
Emma Ridgway Comly Fund.....	49,987.50			49,987.50		2,877.90	2,877.90		
Ellen W. Longstreth Fund.....	117,520.19			117,520.19		6,765.93	6,765.93		
Albert L. Baily Fund.....	5,000.00			5,000.00		287.86	287.86		
Elizabeth B. Wistar Warner Fund.....	4,950.00			4,950.00		284.98	284.98		
T. Allen Hilljes Bequest.....	280,764.31			280,764.31		16,164.30	16,164.30		
Leonard L. Greif, Jr. & Roger L. Greif Fund.....	7,000.00			7,000.00		403.01	403.01		
Edward M. Wistar Fund.....	2,500.00			2,500.00		143.93	143.93		
Morris E. Leeds Fund.....	464,880.00	300,000.00	7.81	764,872.19		38,278.79	38,278.79	21,825.00 <sup>1</sup>	
(from assets not yet received).....						39,000.00	55,453.79		
J. Henry Scattergood Fund.....	5,200.00			12,000.00		495.12	495.12		
Parker S. Williams Fund.....	103,993.26			103,993.26		5,987.15	5,987.15		
Clarence W. Bankard Fund.....	4,418.75			4,418.75		254.40	254.40		
Gilbert C. Fry Fund.....	5,000.00			5,000.00		287.86	287.86		
<i>Forward</i> .....	3,897,437.34	307,300.00	60,183.37	4,144,553.97		272,802.50	246,217.56	26,584.94 <sup>1</sup>	



REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income			
	Book Value Sept. 1, 1953	Increased	Decreased	Book Value August 31, 1954	Net Income	Expended	Balance Special August 31, 1954
<i>Forward</i> .....	3,897,437.34	307,300.00	60,183.37	4,144,553.97	272,802.50	246,217.56	26,584.94 <sup>1</sup>
<b>Funds for General Purposes (Continued)</b>							
Daniel B. Boyer Fund.....	2,500.00			2,500.00	143.93	143.93	
Mary K. Conly Fund.....	35,000.00			35,000.00	2,015.04	2,015.04	
Marrlott C. Morris Fund.....	10,000.00			10,000.00	575.72	575.72	
Mary Brown Fund.....	1,000.00			1,000.00	57.57	57.57	
1949 Campaign Salary Fund.....	173,024.34	996.14		174,020.48	9,961.44	8,965.30	996.14 <sup>4</sup>
Rufus M. Jones Fd. for Adv. of Teaching.	351,803.68	2,025.42		353,829.10	20,254.21	18,228.79	2,025.42 <sup>4</sup>
William B. Bell Fund.....	19,444.44	14,346.47		33,790.91	1,188.29	1,188.29	
Dr. Thomas Wistar Fund.....	25,068.15			25,068.15	1,443.24	1,443.24	
Charles McCaul Fund.....	35,825.67	1,361.53		37,187.20	2,147.22	1,647.22	500.00 <sup>1</sup>
Isaac & Lydia Cope Sharpless Fund.....	5,000.00			5,000.00	287.86	287.86	
	<u>4,556,103.62</u>	<u>326,029.56</u>	<u>60,183.37</u>	<u>4,821,949.81</u>	<u>310,877.02</u>	<u>280,770.52</u>	<u>27,084.94<sup>4</sup></u>
							<u>3,021.56<sup>4</sup></u>
<b>Funds for Wistar Brown Graduate School</b>							
Moses Brown Fund.....	<u>372,813.89</u>	<u>2,146.38</u>		<u>374,960.27</u>	<u>21,463.82</u>	<u>14,332.44</u>	<u>4,985.00<sup>1</sup></u>
							<u>2,146.38<sup>4</sup></u>
<b>Funds for Morris Infirmary</b>							
Infirmary Endowment Fund.....	9,653.44			9,653.44	555.77	555.77	
John W. Pinkham Fund.....	5,059.50			5,059.50	291.29	291.29	
	<u>14,712.94</u>			<u>14,712.94</u>	<u>847.06</u>	<u>847.06</u>	
<b>Funds for Haverford Union</b>							
Haverford Union Fund.....	<u>1,878.82</u>			<u>1,878.82</u>	<u>108.17</u>	<u>108.17</u>	
<b>Funds for Scholarships</b>							
Thomas P. Cope Fund.....	5,257.82			5,257.82	89.24		300.00 <sup>1</sup>
Edward Yarnall Fund.....	6,069.23			6,069.23	169.70		300.00 <sup>1</sup>
Isaiah V. Williamson Fund.....	19,817.40			19,817.40	295.86		1,100.00 <sup>1</sup>
	<u>31,144.45</u>			<u>31,144.45</u>	<u>1,793.07</u>		<u>1,700.00</u>
<i>Forward</i> .....							647.87

REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income					
	Book Value Sept. 1, 1953	Increased	Decreased	Book Value August 31, 1954	Balance Sept. 1, 1953	Net Income	Expended	Special	Balance August 31, 1954
<i>Forward</i> .....	31,144.45			31,144.45	554.80	1,793.07		1,700.00	647.87
Funds for Scholarships (Continued)									
Richard T. Jones Scholarship Fund.....	5,056.25			5,056.25	80.04	291.10		300.00	71.14
Mary M. Johnson Scholarship Fund.....	7,013.61			7,013.61	162.89	403.79		450.00	116.68
Sarah Marshall Scholarship Fund.....	7,919.76			7,919.76	455.96	106.97		456.12	106.97
Clementine Cope Fellowship Fund.....	22,845.86			22,845.86	2,054.98	1,315.29		2,300.00	1,070.27
Isaac Thorne Johnson Scholarship Fund...	9,233.91	131.62		9,365.53		531.62		131.62	
Casper Wistar Memorial Fund.....	6,451.21	500.00		6,951.21	113.44	395.40		400.00	108.84
J. Kennedy Moorhouse Scholarship Fund...	5,155.85			5,155.85	122.48	296.84		300.00	119.32
Louis Jacqueline Palmer Scholarship Fund...	10,549.19	258.00		10,807.19	165.99	617.25		600.00	183.24
Paul W. Newhall Mem'l. Scholarship Fund...	5,045.60			5,045.60	93.05	290.49		300.00	83.54
Robert Martin Zuckert Memorial Scholarship Fund.....	22,250.00			22,250.00	307.41	1,280.99		1,250.00	338.40
Samuel E. Hillis Scholarship Fund.....	5,017.31			5,017.31	288.86	67.87		300.00	67.87
Class of 1913 Scholarship Fund.....	3,000.00			3,000.00	48.19	172.72		180.00	40.91
Class of 1917 Scholarship Fund.....	8,236.08	725.00		8,961.08	134.85	493.78		120.00	508.63
Daniel B. Smith Fund.....	5,000.00			5,000.00	91.32	287.86		300.00	79.18
Sarah Tatum Hillis Memorial Scholarship Fund.....	75,534.58			75,534.58	1,137.74	4,348.71		4,536.00	950.45
Elihu Grant Memorial Scholarship Fund...	40,078.73	177.22		40,255.95	550.21	2,311.52		2,300.00	561.73
Christian Febiger Memorial Scholarship Fund.....	17,050.00			17,050.00	287.13	981.61		1,000.00	268.74
Joseph L. Markley Memorial Scholarship Fund.....	5,000.00			5,000.00	80.30	287.86		300.00	68.16
Joseph C. & Anne N. Birdsall Scholarship Fund.....	25,000.00			25,000.00	394.45	1,439.31		1,500.00	333.76
Daniel E. Davis, Jr. Memorial Scholarship Fund.....	3,000.00			3,000.00	46.83	172.72		100.00	119.55
Jonathan M. Steere Scholarship Fund.....	10,000.00			10,000.00	137.20	575.72		550.00	162.92
William Graham Tyler Memorial Scholarship Fund.....	15,000.00			15,000.00	243.08	863.59		900.00	206.67
1890 Memorial Scholarship Fund.....	2,700.00			2,700.00	75.78	155.45		100.00	131.23
1949 Campaign Scholarship Fund.....	42,905.11	1,330.06		44,235.17	405.72	2,480.54		2,300.00	338.21
Max Leuchter Scholarship Fund.....	10,975.25	137.99		11,113.24		631.87		137.99	
A. Clement Wild Scholarship Fund.....	13,012.50	4,100.00		17,112.50	182.77	827.84		700.00	310.61
Caroline Chase Scholarship Fund.....	6,245.11			6,245.11	114.84	359.55		350.00	124.39
Roy Thurlby Griffith Mem'l. Fund.....	5,000.00			5,000.00	147.61	287.86		350.00	85.47
Class of 1904 Scholarship Fund.....		6,000.00		6,000.00		86.36		24,836.00	86.36
	425,420.36	13,359.89		438,780.25	7,919.24	24,735.53		25,353.66	7,291.11

REPORT ON CONSOLIDATED FUNDS (Continued)

	Principal			Income					
	Book Value Sept. 1, 1953	Increased	Decreased	Book Value August 31, 1954	Balance Sept. 1, 1953	Net Income	Expended	Special	Balance August 31, 1954
<u>Funds for the Library Fund</u>									
Alumni Library Fund.....	17,435.06			17,435.06		1,003.78	1,003.78	170,205	86.34
Mary Farnum Brown Library Fund.....	68,033.14	17.59		68,050.73		3,916.84	3,916.84	3,729,054	204.21
Wm. H. Jenks Library Fund.....	5,000.00			5,000.00	99.78	287.86	287.86	301,772	243.14
Mary Wistar Brown Williams Library Fund.....	20,306.74			20,306.74	1,359.56	1,169.11	1,169.11	2,153,132	54.04
Anna Yarnall Fund.....	173,078.14			173,078.14	9,964.54	9,625.14	9,625.14	339,402	1,321.30
F. B. Gummere Library Fund.....	635.47			635.47	31.13	36.59	36.59	43,792	2,859.41
Edmund Morris Ferguson, Jr. Memorial Fund.....	1,002.34			1,002.34	36.81	57.71	57.71	8,182	5,564.05
Class of 1888 Library Fund.....	6,550.00			6,550.00	895.30	377.10	377.10	1,068,192	
Class of 1918 Library Fund.....	1,253.52			1,253.52	170.97	72.17	72.17		
Quakeriana Fund.....	600.00			600.00	19.50	34.54	34.54		
Mohonk Fd. for Rufus Jones Coll. Myst.....	1,500.00			1,500.00	223.91	86.36	86.36	23,832	
Rufus M. Jones Book Fund.....	5,000.00			5,000.00	1,057.27	287.86	287.86	198,204	
1949 Campaign Library Fund.....	34,426.89	198.20		34,625.09	1,671.00	1,982.04	1,982.04	595,432	
	334,821.30	215.79		335,037.09	5,565.23	19,276.50	19,276.50	8,648.76	
<u>Funds for Old Style Pensions</u>									
President Sharpless Fund.....	41,237.08			41,237.08		2,374.12	2,374.12		
William P. Henszey Fund.....	36,758.66			36,758.66		2,116.29	2,116.29		
Jacob P. Jones Benefit Fund.....	68,113.78			68,113.78		3,921.48	3,921.48		
Pliny Earle Chase Memorial Fund.....	3,272.24			3,272.24		188.39	188.39		
Haverford College Pension Fund.....	112,040.73			112,040.73		6,450.45	6,450.45		
	261,422.49			261,422.49		15,050.73	15,050.73		
<u>Funds for Special Purposes</u>									
Thomas Shipley Fund.....	5,248.00			5,248.00	527.73	302.14	302.14	507,985	321.89
Elliston P. Morris Fund.....	1,126.75			1,126.75	279.04	64.87	64.87	148,512	195.40
John B. Garrett Reading Prize Fund.....	2,247.87			2,247.87	1,331.24	129.42	129.42	50,003	1,410.66
Special Endowment Fund.....	9,227.07			9,227.07	1,397.15	531.23	531.23	200,007	
	17,849.69			17,849.69	3,535.16	1,027.66	1,027.66	1,040,552	687.53
<i>Forward.....</i>									2,615.48



REPORT ON NON-CONSOLIDATED FUNDS

	Principal			Income			Balance August 31, 1954		
	Book Value Sept. 1, 1953	Increased	Decreased	Book Value August 31, 1954	Balance Sept. 1, 1953	Net Income		Expended	Special
John Farnum Memorial Fund.....	32,375.19			32,375.19		1,577.51	1,577.51		
Nathan Branson Hill Trust.....						110.43	110.43		
W. Percy Simpson Trust.....						1,595.11	1,595.11		
Henry C. Brown Trust.....						9,638.98	9,638.98		
William Pyle Phillips Fund:	1,458,634.23	355,124.25		1,813,758.48		20,000.00			
(From Assets not yet received).....						71,368.46	45,684.23		
(Assets in Hand).....								27,827.56 <sup>13</sup>	
General.....					16,244.02			7,254.73 <sup>15</sup>	15,895.19
Special.....								10,630.73 <sup>2</sup>	
Augustus Taber Murray Res. Scholarship Fund.....	22,775.34			22,775.34	692.41	1,033.12		980.00 <sup>19</sup>	745.53
Anonymous.....	786,190.76	98,964.98		885,155.74		42,247.03		42,247.03 <sup>17</sup>	
	2,299,975.52	454,089.23		2,754,064.75	16,936.43	147,570.64	58,606.26	89,260.09	16,640.72

Note: Key to Code Number

- 1Scholarships
- 2Books
- 3Prizes
- 4Income to Principal
- 5Lectures
- 7Religious Education Committee
- 8Prints & Labor
- 9Fence at Spring Avenue
- 10Office Equipment & Supplies
- 12Trips
- 13Visitors
- 15Miscellaneous
- 17Total Income to Principal
- 18Total Special
- 19Annuity

SUMMARY OF CONSOLIDATED FUNDS

	Book Value September 1, 1953	Increased	Decreased	Book Value September 1, 1954	Net Income
Funds for General Purposes.....	\$4,556,103.62	\$ 326,029.56	\$ 60,183.37	\$4,821,949.81	\$ 310,877.02
Fund for T. Wistar Brown Graduate School.....	372,813.89	2,146.38		374,960.27	21,463.82
Funds for Morris Infirmary.....	14,712.94			14,712.94	847.06
Fund for Haverford Union.....	1,878.82			1,878.82	108.17
Funds for Scholarships.....	425,420.36	13,359.89		438,780.25	24,725.53
Funds for Library.....	334,821.30	215.79		335,037.09	19,276.50
Funds for Old Style Pensions.....	261,422.49			261,422.49	15,050.73
Funds for Special Purposes.....	93,012.37	794.20		93,806.57	7,108.80
	<u>\$6,060,185.79</u>	<u>\$ 342,545.82</u>	<u>\$ 60,183.37</u>	<u>\$6,342,548.24</u>	<u>\$ 399,457.63</u>
Plus Undistributed Gain.....	248,482.09	56,790.45		305,272.54	
Total Funds.....	<u>\$6,308,667.88</u>	<u>\$ 399,336.27</u>	<u>\$ 60,183.37</u>	<u>\$6,647,820.78</u>	<u>\$ 399,457.63</u>

CONSOLIDATED & NON-CONSOLIDATED FUNDS COMBINED

The Book Value Increased \$853,425.50 as Follows:

Donations for additions to funds.....	\$ 699,499.53
Income Transferred to Principal.....	49,850.06
Leeds Transfer.....	7.81
Gains on Securities.....	18,382.50
Called.....	31,334.49
Sold.....	58,936.51
	<u>\$ 858,010.90</u>
Less: Loss on Called.....	\$ 2,431.53
Loss on Sale.....	2,153.87
	<u>4,585.40</u>
	<u>\$853,425.50</u>

Income Return: The net income, after allowing commission to our fiscal agent was 5.5% on book value of Consolidated Investments.

CLASSIFICATION OF INVESTMENTS

August 31, 1954

	<u>Consolidated Account</u>		<u>Non- Consolidated Account</u>
<u>BONDS</u>			
Government, U.S.....	\$217,500.00		
Industrial.....	155,075.07		\$15,081.00
Public Utility.....	272,864.66		9,517.50
Railroad.....	684,967.62	( 20.68%)	293,892.38
Instr. of Government..	<u>44,937.50</u>	1,375,344.85	
			<u>318,490.88</u>
<u>PREFERRED STOCK</u>			
Industrial.....	576,587.08		104,689.50
Public Utility.....	416,552.55	(18.16%)	
Railroad.....	<u>214,421.59</u>	1,207,561.22	<u>15,467.75</u>
			120,157.25
<u>COMMON STOCK</u>			
Banks & Insurance....	616,041.76		23,347.05
Industrial.....	1,557,565.97		1,866,944.84
Public Utility.....	968,465.75		368,200.56
Railroad.....	185,747.82	(50.83%)	27,265.48
Miscellaneous.....	<u>51,380.00</u>	3,379,201.30	<u>19,325.49</u>
			2,305,083.42
<u>MORTGAGES</u> .....	139,355.22	(2.096%)	1,175.00
		139,355.22	1,175.00
<u>MISCELLANEOUS</u>			
(Including Campus Houses).....	432,873.49	(6.511%)	
		432,873.49	
<u>CASH</u> due to Funds from Corporation.....	113,484.70	(1.707%)	9,158.20
		113,484.70	9,158.20
	<u>6,647,820.78</u>		<u>2,754,064.75</u>

NOTE: There also held \$3,150.00 in non-interest bearing U.S. Savings Bonds Series "F" (all in Safe Keeping) allocated as Donations -- Field House.

There are \$56,614.06 Banks & Insurance Co. Stock not included in the above figures being holdings in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund has an overdraft in Principal cash of \$33,414.06.

SUMMARY OF THE ACCOUNTS OF  
THE CORPORATION OF HAVERFORD COLLEGE  
WM. MORRIS MAIER, TREASURER  
ALDO CASELLI, COMPTROLLER

For the Year Ending Eighth Month 31, 1954

RECEIPTS

*Income from Endowment Funds Consolidated:*

Funds for General Purposes.....	\$310,877.02		
T. Wistar Brown Graduate School Fund	21,463.82		
Morris Infirmary Fund.....	847.06		
Haverford Union Funds.....	108.17		
Scholarship Funds.....	24,725.53		
Library Funds.....	19,276.50		
Old Style Pensions Funds.....	15,050.73		
Special Purpose Funds.....	<u>7,108.80</u>	399,457.63	

*Income from Non-Consolidated Funds:*

John Farnum Memorial Fund.....	1,577.51		
Augustus Tabor Murray Research Scholarship Fund.....	1,033.12		
William Pyle Philips Fund.....	91,368.46		
Henry C. Brown Trust.....	9,638.98		
Nathan Branson Hill Trust.....	110.43		
W. Percy Simpson Trust.....	1,595.11		
Anonymous Fund (income to accumulate).....	<u>42,247.03</u>	<u>147,570.64</u>	547,028.27

*Income from College Sources:*

Tuition.....		320,345.00	
Board.....		181,950.66	
Room.....		83,502.00	
Board and Room from Non-Students:			
Rents.....	3,420.00		
Rooms: Guests, Alumni, Faculty and Employees.....	6,836.44		
Summer Conferences.....	3,441.50		
Meals: Day Students, Guests.....	2,656.20		
Faculty, Special Events & Employees.....	18,035.90		
Summer Conferences.....	11,794.80		
Other Income.....	<u>115.00</u>	46,299.84	

*Miscellaneous Collections:*

Re-Examination.....	25.00		
Bookstore.....	<u>3,109.90</u>		

*Forward* ..... \$632,097.50      \$547,028.27



Forward.....		\$632,097.50	\$547,028.27
Infirmary.....	\$ 494.60		
Fines.....	1,070.75		
Transcripts.....	577.00		
Sale of Sundry Items.....	194.00		
Rent of Machinery & Lands.....	535.97		
Admission to Athletic Games.....	1,477.50		
Sundry Minor Collections.....	4,920.33		
Discounts Earned.....	736.63		
T. A. Benham's Project--Overhead....	2,542.05		
Unit Fee.....	8,023.09		
Rental of Dining Room.....	7,000.00		
From Philip's account for Public Relations costs.....	3,000.00	33,706.82	665,804.32
Interest Received.....			2,813.89
Donations for Additions to Funds (as per schedule).....			699,499.53
Donations Other Than for Funds			
Applicable to Budget:			
For General Purpose.....			2,373.87
Interest on Radio Club Funds.....	75.32		
For Music.....	602.20		
For Books (from George Allen).....	100.00		
( " L.A. Post ).....	100.00		
( " Friends of Library)	612.06		
( " Matzke Royalties)	27.86	839.92	
For Scholarships:			
From Yarnall Education Committee..	400.00		
From Wm. Deishes Fund.....	500.00		
From Director of City Trusts.....	600.00		
From Friends Freedmens Assn.....	3,200.00		
From Christopher Reynolds Fdn.....	7,000.00		
From Shoemaker Foundation.....	3,000.00		
From Grant Foundation.....	300.00		
From Service Fund Drive.....	297.37		
From Haverford Society of Md.....	300.00		
From New England Scholarship Com..	500.00		
From Repayment of Loans.....	245.00		
From Miscellaneous.....	5,557.89		
From M. Cauffiel.....	100.00		
From Ethan Stavisky Foundation....	250.00		
From C. Schmidt & Sons.....	500.00		
From Guggenheim Foundation.....	1,250.00		
From Board of Education.....	800.00	24,800.26	
For Alumni Association Salaries.....		4,564.00	
For Campus Club.....		49.00	
For Cope Field.....		70.00	
For Faculty Publications.....		700.00	
For General Purposes.....		2,035.00	
For Russian Program.....		2,811.56	
For W. Ufford Project.....		106.58	
For L. Green Project.....		.38	
For R. James Project.....		2,500.00	
(from National Science Fdn.)			
Forward.....		\$39,154.22	\$1,917,519.88

Forward.....	\$39,154.22	\$1,917,519.88
For Reading Seminar..... (from Rockefeller Foundation)	7,450.00	
For T. Benfey Project..... (from Research Corp.)	1,700.00	
For Gold Coast Project..... (from Ford Foundation)	10,000.00	
For Chemistry Department..... (from E.I. DuPont de Nemours Co.)....	2,500.00	
For Biology Department..... (from Carnegie Corp.)	8,500.00	
For Mathematics Department..... (from Carnegie Corp.)	10,750.00	
For Ariel Loewy Project..... (from National Science Fdn.)	10,000.00	
For Alumni Association & Development Fund....	25,000.00	
For Human Relations Gift-Dividend.....	<u>162.00</u>	115,216.22

*Additions to Funds - Income*

*Transferred to Principal*

1949 Campaign Salary Fund.....	996.14	
Rufus M. Jones Fund for Advancement of Teaching.	2,025.42	
Moses Brown Fund.....	2,146.38	
1949 Campaign Library Fund.....	198.20	
1949 Campaign Scholarship Fund.....	248.05	
Mary Farnum Brown Library Fund.....	17.59	
Max Leuchter Scholarship Fund.....	137.99	
Isaac Thorne Johnson Scholarship Fund.....	131.62	
George Pierce Prize Fund.....	134.40	
Mathematics Department Prize Fund.....	<u>52.25</u>	6,088.04
Anonymous Fund (from 1953).....		1,514.99
Anonymous Fund (for 1954).....		42,247.03

*Reserve for Non-Faculty Pensions*

(see account)

Pensions.....	7,250.00	
Interest.....	<u>1,780.48</u>	9,030.48

<i>Death Benefit for Non-Faculty</i> .....		1,000.00
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*Miscellaneous Items to Balance Accounts*

Library Collections.....	1,055.19	
Skating Pond receipts.....	289.10	
Taxes Withheld.....	107,586.22	
Sales Tax Collected.....	461.82	
In & Out.....	1,697.93	
Collected from Faculty & Students & others for work done.....	8,433.96	
Student Store (Gross Sales).....	18,609.04	
Loans - Repaid.....	1,637.50	
Students Affairs.....	597.06	
Bookstore - Collections.....	46,136.03	
Accounts Receivable-Students (total collected)..	695,393.54	
Accounts Receivable-Employees.....	110,495.36	
Accounts Receivable-Government.....	4,423.68	
Fire Losses - Collections.....	1,683.56	
Treasurer's In & Out.....	<u>328.53</u>	998,828.52

Forward.....		\$3,091,445.16
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Forward..... \$3,091,445.16

*Items Relating to Other Fiscal Years*

Advance receipts for Following Year.....	13,363.58	
Rooms Paid for in Advance.....	5,998.39	
Expenses for Following Year.....	12,885.75	
Prepaid Insurance.....	7,641.73	
Accounts Payable.....	3,455.06	
Inventory.....	14,203.48	
Reserve for New Boiler - Applied.....	3,564.48	
Reserve for Barclay Hall Repairs - Applied.....	<u>3,430.63</u>	64,543.10

New Construction..... 7,593.19

*Investments Realized*

*Consolidated Investments*

*Bonds:*

Industrial.....	12.50	
Public Utility.....	33,262.40	
Railroad.....	36,688.00	
Miscellaneous.....	6,000.00	

*Preferred Stock*

Public Utility.....	21,737.15	
Industrial.....	23,206.27	

*Common Stock*

Banks & Insurance.....	1,530.63	
Industrial.....	128,733.42	
Public Utility.....	53,125.38	

*Mortgages*

Payments on account.....	29,449.78	
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Miscellaneous.....	<u>10,380.85</u>	344,126.38
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*William Pyle Philips Investments:*

*Bonds*

Railroad.....	53,220.00	
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*Common Stock*

Industrial.....	71.63	
Public Utility.....	<u>.72</u>	53,292.35

*Anonymous Investments*

*Common Stock*

Industrial.....	73,416.68	
Public Utility.....	1,486.41	
Railroad.....	<u>9,103.32</u>	84,006.41

John Farnum Memorial Fund..... 222.00

C. Wharton Stork Art Gift Fund..... 299.83 481,946.97

*Balance 9/1/53*

In Treasurer's Account.....	154,225.69	
In President's Account.....	30,605.43	
In Anonymous Account.....	<u>2,786.68</u>	187,617.80

Total Receipts..... \$3,833,146.22

EXPENDITURES

1953-1954

*Expenses of Running the College*

*Administration*

Salaries.....	\$ 89,592.53	
Supplies & Postage.....	6,100.52	
Services.....	2,622.37	
Telegraph & Telephone.....	2,196.48	
Replacement & Repair.....	549.17	
Additional Equipment.....	362.40	
Taxes.....	1,251.87	
Insurance.....	255.16	
Traveling.....	2,968.06	
Public Relations.....	8,194.22	
Printing.....	5,433.74	
Entertainment.....	3,505.60	
Not Elsewhere Classified.....	<u>564.23</u>	123,596.35

*Educational Departments*

Salaries.....	389,794.97	
Supplies & Postage.....	25,525.50	
Services.....	3,895.04	
Telephone & Telegraph.....	3,120.20	
Equipment.....	201.59	
Taxes.....	4,964.34	
Insurance.....	1,719.33	
Traveling.....	4,197.61	
Not Elsewhere Classified.....	<u>5,517.75</u>	438,936.33

*Maintenance & Operation*

Wages.....	105,449.13	
Supplies.....	8,987.97	
Contracts.....	15,891.54	
Water, Heat, Light & Power.....	33,988.53	
Telephone & Telegraph.....	622.92	
Replacement & Repair.....	765.79	
Small Tools & Equipment.....	7,544.19	
Taxes.....	8,370.48	
Insurance.....	5,966.24	
Not Elsewhere Classified.....	<u>5,480.85</u>	193,067.64

*Dining Room & Kitchen*

Salaries.....	61,479.47	
Supplies & Postage.....	124,132.35	
Services.....	13,777.37	
Water, Heat, Light & Power.....	5,206.76	
Telephone & Telegraph.....	367.68	
Replacement & Repair.....	2,931.78	
Taxes.....	918.27	
Insurance.....	198.06	
Traveling.....	<u>202.49</u>	209,214.23

<i>Forward</i> .....	\$964,814.55
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Forward..... \$964,814.55

*Development*

Salaries.....	\$ 20,262.18		
Supplies.....	6,978.74		
Services.....	1,667.61		
Telephone & Telegraph.....	574.55		
Taxes.....	301.44		
Insurance.....	61.95		
Traveling.....	<u>1,479.12</u>	<u>31,325.59</u>	<u>31,325.59</u>

*Total Expenses of Running the College.....* 996,140.14

*Miscellaneous Expenses*

<i>Treasurer's, Secretary's &amp; Legal</i>			
Expense and Service.....	12,476.18		
Old Style Pensions.....	28,162.00		
Interest.....	1,915.94		
Stork Art Gift Shortage of Income.....	301.52		
Eighth 1/10 cost of New Boiler (Power Plant)...	3,564.48		
Eighth 1/10 cost of Repairs to Barclay Hall...	3,430.63		
Work Aid to Students.....	4,577.30		
Pensions to Non-Faculty & Reserve.....	7,250.00		
Reserve for Death Benefit for Non-Faculty.....	1,000.00		
Alumni Expenses Charged Off.....	<u>12,566.61</u>		75,244.66

*Expenditures from Principal of Fund*

For Construction Library Wing.....	60,175.56		
Morris E. Leeds Distribution.....	<u>7.81</u>		60,183.37

*Expenditures from Income of Funds*

*For Scholarships*

From General Funds.....	27,084.94		
From Scholarship Funds.....	22,536.00		
For Fellowships.....	4,985.00		
Clementine Cope Fellowship.....	<u>2,300.00</u>		56,905.94

*Expenditures from Income of Funds for Library*

Lectures.....	170.20		
Books.....	<u>8,262.77</u>		8,432.97

*Expenditures from Income of Augustus Taber*

*Murray Fund*

Annuity.....			980.00
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*Expenditures from Income of Funds for*

*Special Purposes*

Lectures.....	976.92		
Visitors.....	2,790.15		
Books.....	398.20		
Prizes.....	501.00		
Cherokee Project.....	1,040.85		
Planting & Grounds.....	1,901.22		
Religious Education Committee.....	200.00		
Observatory.....	334.29		
Trips of Students.....	<u>253.06</u>		<u>8,395.69</u>

Forward..... \$1,206,282.77

Forward..... \$1,206,282.77

*Expenditures from Wm. Pyle Philips*

*Fund - Special*

Visitors.....	27,827.56	
Miscellaneous.....	7,254.77	
Library and Books.....	<u>10,950.73</u>	46,033.06

*Expenditures from Donations*

*other than Funds*

For Music.....	811.70	
For Library (Books).....	618.25	
(Speakers).....	<u>346.19</u>	964.44
For Prizes.....	15.00	
For work in Treasure Room.....	1,518.00	
For Scholarships.....	21,329.25	
For Student Loans.....	699.68	
For Student Aid.....	137.50	
Toward Alumni Association Salaries.....	4,564.00	
For Campus Club.....	45.00	
For Cope Field.....	148.00	
For Faculty Publications.....	650.00	
For General Purposes.....	753.91	
For Classrooms.....	575.65	
For Observatory Equipment.....	86.56	
For Russian Program.....	2,811.56	
For Equipment.....	2,708.40	
For W. Ufford Project.....	276.50	
For L. Green Project.....	127.08	
For T. O. Jones Project.....	1,550.73	
For Sociology.....	95.70	
For Senior Seminar - Rockefeller Grant.....	5,596.18	
For O. T. Benfey Project.....	1,154.63	
For Gold Coast Project - Ford Fdn.....	7,482.96	
For Chemistry - DuPont Company.....	2,496.65	
For Biology.....	<u>3.00</u>	56,602.08
Human Relations.....		4,700.00
Transferred to Corporation Account.....		2,373.87

*Non-Faculty Pensions - Paid from Reserve.....* 2,065.00

*Miscellaneous Items to Balance Account*

Library.....	719.87	
Skating Pond.....	20.12	
Taxes Withheld - Paid.....	114,224.79	
Taxes Withheld - Pensions.....	130.60	
Penna Sales Tax - Paid.....	461.82	
In & Out.....	2,050.57	
Work in Progress.....	8,709.56	
Student Store - Purchases & Operations.....	18,613.09	
Loans.....	8,411.01	
Student Affairs.....	1,003.04	
Bookstore - Purchases & Operations.....	50,288.77	
Accounts Receivable from Students-Charges.....	696,044.37	
Accounts Receivable from Employees -Charges....	55,020.38	
Accounts Receivable from Government-Charges....	22,444.63	
Fire Losses - Paid.....	<u>1,670.00</u>	979,812.62

Forward..... \$2,297,869.40

Forward.....		\$2,297,869.40
Cash Over & Short.....		200.71
<i>Items Relating to Other Fiscal Years</i>		
Advance Receipts for Other Years - Applied.....	14,290.59	
Rooms paid for in advance - Applied.....	7,703.84	
Expenses for Following Years - Applied.....	61,122.65	
Prepaid Insurance.....	25,259.99	
Accounts Payable.....	33,785.95	
Inventory.....	12,783.34	
New Construction.....	<u>1,899.34</u>	156,845.70

*Income Transferred to Principal*

1949 Campaign Salary Fund.....	996.14	
Rufus M. Jones for Advancement of Teaching.....	2,025.42	
Moses Brown Fund.....	2,146.38	
1949 Campaign Library Fund.....	198.20	
1949 Campaign Scholarship Fund.....	248.05	
Mary Farnum Brown Library Fund.....	17.59	
Max Leuchter Scholarship Fund.....	137.99	
Isaac Thorne Johnson Scholarship Fund.....	131.62	
George Pierce Prize Fund.....	134.40	
Mathematic Department Prize Fund.....	<u>52.25</u>	6,088.04
Anonymous Fund (for 1953.....)		1,514.99
Anonymous Fund (for 1954).....		42,247.03

*Investments Made or Donated*

*Consolidated Investments*

*Bonds*

Industrial.....	95,240.63
Public Utility.....	98,899.10
Railroad.....	6,743.00
Instrumentality of Govn.....	20,000.00

*Preferred Stock*

Industrial.....	86,681.13
Public Utility.....	28,296.97
Railroad.....	14,989.89

*Common Stock*

Banks & Insurance.....	16,920.80	
Industrial.....	185,795.01	
Public Utility.....	137,455.82	
Miscellaneous.....	14,600.00	
Mortgages.....	12,500.00	
Miscellaneous.....	<u>11,001.12</u>	729,123.47

Forward..... \$2,504,765.87

Forward..... \$2,504,765.87

*William Pyle Philips Investments*

*Bonds*

Railroad..... 33,133.62

*Common Stock*

Industrial..... 292,016.67

Public Utility..... 71,252.26 396,402.55

*Anonymous*

*Common Stock*

Industrial..... 116,481.16

Public Utility..... 16,120.00

Railroad..... 12,490.03 145,091.19

*Augustus Taber Murray Research*

Scholarship Fund..... 5,660.30 1,276,277.51

*Balance August 31, 1954*

Treasurer's Account..... 25,264.20

President's Account..... 16,589.71

Anonymous Account..... 10,248.93 52,102.84

*Total Expenditures*..... \$3,833,146.22



# Lawrence E. Brown & Company

ESTABLISHED 1882

## Certified Public Accountants (PENNSYLVANIA)

ADDISON R. BROWN  
W. EDWIN DILL  
ROBERT W. JOHNSTON  
R. CARL RHODAS  
ADDISON R. BROWN, JR.  
ALBERT F. ZANGER

1917 FIDELITY-PHILADELPHIA TRUST BUILDING  
PHILADELPHIA

October 12, 1954

Board of Managers  
The Corporation of Haverford College  
Haverford, Penna.

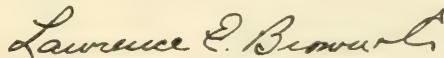
Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1954, as set forth in the annual report of the Treasurer and Comptroller of The Corporation of Haverford College.

Our examination comprised the verification of the receipts and expenditures of the Treasurer and Comptroller for the year; the reconciliation of the cash balance at 8th Month 31, 1954 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company and Fidelity-Philadelphia Trust Company as fiscal agents for the Corporation.

In our opinion, the annual report of the Treasurer and Comptroller correctly sets forth the results of the operations of The Corporation of Haverford College for the fiscal year ended 8th Month 31, 1954, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,



LAWRENCE E. BROWN & CO.  
Certified Public Accountants.

DONATIONS FOR ADDITIONS TO FUNDS

1953 - 1954

WILLIAM PYLE PHILIPS FUND		
On account of residuary estate of		
William Pyle Philips.....		336,741.75
DAVID R. BOWEN PRE-MEDICAL FUNDS		
From Mrs. Edith W. Bowen.....	7.55	
From Mrs & Mrs. Meyer I. Gerson.....	100.00	107.55
CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND		
(Through 1949 Campaign)		
From Thomas Wistar.....		500.00
CHARLES McCAUL FUND		
Final distribution from estate of		
Mary N. Weatherly.....		1,361.53
LOUIS JACQUETTE PALMER SCHOLARSHIP FUND		
From Triangle Society.....		258.00
MORRIS E. LEEDS FUND		
On account of residuary estate of		
Morris E. Leeds.....		300,000.00
CLASS OF 1917 SCHOLARSHIP FUND		
Dr. Donald Chandler.....	100.00	
Robert B. Haines, 3rd.....	10.00	
Edmund T. Price.....	75.00	
Arthur H. Napier.....	20.00	
Arthur E. Spellissy.....	200.00	
John W. Spaeth, Jr. ....	30.00	
Joseph W. Greene, Jr. ....	200.00	
William H. Chamberlain.....	10.00	
M. Alexander Laverty.....	10.00	
Dr. Newlin F. Paxson.....	20.00	
Hugh E. McKinstry.....	50.00	725.00
ELIHU GRANT MEMORIAL SCHOLARSHIP FUND		
Proceeds from sale of books.....		177.22
J. HENRY SCATTERGOOD FUND		
(Through 1949 Campaign)		
From estate of J. Henry Scattergood.....		6,800.00
<i>Forward</i> .....		646,671.05

Forward..... \$646,671.05

*Donations for Additions to Funds (Continued)*

GENERAL ENDOWMENT FUND

From Maria Luisa Gildemeister..... 500.00

A. CLEMENT WILD SCHOLARSHIP FUND

(Through 1949 Campaign)

From Mrs. Gertrude A. Wild..... 4,100.00

WILLIAM H. BAKER PRIZE FUND (New)

Legacy from Mertie Gay Baker ..... 500.00

CLASS OF 1904 SCHOLARSHIP FUND (New)

Gift of Class of 1904..... 6,000.00

1949 CAMPAIGN SCHOLARSHIP FUND

Gift of Richard C. Baker..... 1,082.01

WILLIAM B. BELL FUND

Final distribution from estate

of William B. Bell..... 14,346.47

ANONYMOUS FUND

Gift from donor..... 26,300.00

TOTAL DONATIONS FOR ADDITIONS TO FUNDS ..... 699,499.53

CONTRIBUTORS TO "LIBRARY ASSOCIATES"

Mr. & Mrs. Charles D. Abbott.....	\$ 10.00
Mr. & Mrs. Eugene C. Alder.....	3.00
Mr. & Mrs. A. H. Allen.....	2.00
Dr. & Mrs. Kenneth E. Appel.....	20.00
Mr. & Mrs. Herbert O. Bailey.....	5.00
Mr. Wilfred Bancroft.....	5.00
Mr. & Mrs. Paul Bleyden.....	2.00
Mr. & Mrs. Harold Brecht.....	2.00
Mr. & Mrs. Friedrich Bruns.....	5.00
Mr. & Mrs. William E. Cadbury, Jr....	4.00
Mrs. Richard L. Cary.....	5.00
Mr. & Mrs. Aldo Caselli.....	2.00
Mrs. George H. Chambers.....	4.00
Mr. & Mrs. George K. Chandler.....	2.00
Dr. & Mrs. J. H. Cloud.....	2.00
Mr. & Mrs. Hayward H. Coburn.....	5.00
Mrs. William H. Collins.....	2.00
Mr. & Mrs. Howard Comfort.....	2.00
Mr. & Mrs. Bennett S. Cooper.....	2.00
Mr. & Mrs. James A. Crawford.....	2.00
Mr. & Mrs. Carlton Cressman.....	4.00
Mr. Claude A. Cubberly.....	2.00
Dr. & Mrs. David M. Davis.....	5.00
Mr. & Mrs. Thomas E. Drake.....	5.00
Mr. & Mrs. Henry S. Drinker.....	10.00
Mr. & Mrs. Leonard L. Eyster.....	2.00
Mrs. McClure Fahnestock.....	2.00
Dr. & Mrs. Clifford B. Farr.....	2.00
Miss Esther H. Flint.....	5.00
Miss Kathryn V. Forrest.....	2.00
Mrs. Sara K. Fuller.....	2.00
Col. & Mrs. Clyffard Game.....	2.00
Mr. & Mrs. Douglas Gould.....	2.00
Dr. & Mrs. Louis C. Green.....	2.00
Mr. Morris M. Green.....	10.00
Miss Gladys H. Griscom.....	3.00
Mr. & Mrs. Richard M. Gummere.....	2.00
Mr. & Mrs. Edward G. Haack.....	4.00
Mr. & Mrs. Alfred W. Haddleton.....	2.00
Miss Bertha E. Harding.....	4.00
Miss Ethel Hastings.....	5.00
Mrs. John Hastings, Jr.....	5.00
Mr. & Mrs. Lester C. Haworth.....	2.00
Mr. & Mrs. John G. Herndon.....	4.00
Miss Margarette S. Hinchman.....	2.00
Mr. & Mrs. Harrison Hires.....	10.00
Mrs. H. Wyman Hitchcock.....	2.00
Mrs. Gilbert T. Hoag.....	3.00
Mr. & Mrs. Howard J. Hogenauer.....	15.00
Mrs. Orville Horowitz.....	2.00
Mr. & Mrs. Allen F. Horton.....	5.00
Mr. & Mrs. Holland Hunter.....	2.00
Mr. & Mrs. Ames Johnson.....	5.00
Mr. & Mrs. Barclay Jones.....	5.00
Miss Mary Hoxie Jones.....	2.00
Mr. John A. Kelly.....	4.06
Mrs. William M. Kift.....	2.00
Mr. & Mrs. John M. Kimmich.....	5.00
Mr. & Mrs. Alexander Laverty.....	4.00
Mrs. Arthur Leverkus.....	2.00
Mr. & Mrs. M. Albert Linton.....	10.00
Miss Dorothy H. Litchfield.....	2.00
Mr. & Mrs. Richard W. Lloyd.....	5.00
Mr. R. A. Locke.....	5.00
Mr. & Mrs. Dean P. Lockwood.....	4.00
Mr. & Mrs. Arthur B. Loder.....	5.00
Mrs. J. H. Longmaid.....	2.00
Dr. & Mrs. Balduin Lucke.....	2.00
Mr. & Mrs. Bruce A. Ludgate, Jr.....	4.00

*Brought Forward* \$286.06

<i>Brought Forward</i> \$286.06	
Mr. & Mrs. Archibald MacIntosh.....	\$ 2.00
Mr. & Mrs. William M. Maier.....	2.00
Miss Belle Matheson.....	5.00
Miss Virginia A. McCall.....	2.00
Miss Beatrice McGeorge.....	5.00
Mr. Samuel S. McNeary.....	2.00
Mr. & Mrs. Richard W. Mecaskey.....	3.00
Mr. & Mrs. E. G. Miller.....	5.00
Mrs. Bingham Milne.....	5.00
Mrs. J. F. Mitchell, Jr.....	3.00
Mr. C. C. Morris.....	10.00
Dr. & Mrs. Stuart Mudd.....	10.00
Mr. Clarence N. Myers.....	2.00
Miss Caroline Newton.....	10.00
Dr. & Mrs. Jesse T. Nicholson.....	20.00
Mr. Robert Scott Noone.....	10.00
Mr. & Mrs. Raymond T. Ohl.....	5.00
Mr. & Mrs. Harry W. Pfund.....	4.00
Mr. & Mrs. Clarence E. Pickett.....	2.00
Dr. Ethel G. Pierce.....	3.00
Miss Ida W. Pritchett.....	5.00
Mr. & Mrs. G. R. Rebmam, Jr.....	5.00
Miss Diana Reeves.....	10.00
Mr. & Mrs. Layton B. Register.....	5.00
Mr. Thomas C. Reid.....	5.00
Mr. & Mrs. William Reitzel.....	2.00
Mr. Charles J. Rhoads.....	10.00
Dr. & Mrs. Jonathan E. Rhoads.....	10.00
Mr. Charles S. Ristine.....	5.00
Mrs. Louise Barclay Robinson.....	5.00
Mrs. John M. Rusby.....	2.00
Mr. & Mrs. William P. Sadler.....	10.00
Mr. & Mrs. Ralph M. Sargent.....	10.00
Mrs. Samuel Scoville, Jr.....	2.00
Dr. & Mrs. Frederic C. Sharpless.....	3.00
Mr. & Mrs. T. Kite Sharpless.....	2.00
Mr. Lucius R. Shero.....	5.00
Miss Mary C. Smith.....	5.00
Miss Ruth H. Smith.....	2.00
Mr. & Mrs. Edward D. Snyder.....	2.00
Mr. Freas B. Snyder.....	2.00
Mr. & Mrs. Herman M. Somers.....	2.00
Dr. & Mrs. William C. Stadie.....	2.00
Mr. & Mrs. Herbert W. Starr.....	3.00
Miss Margaret H. Steen.....	5.00
Mr. & Mrs. Jonathan M. Steere.....	5.00
Mrs. J. Stoddell Stokes.....	5.00
Mr. & Mrs. Hugh E. Stone.....	4.00
Mr. & Mrs. Philip S. Sweetser.....	2.00
Mr. Emmett R. Tatnall.....	2.00
Miss Frances W. Terry.....	2.00
Mrs. Arthur H. Thomas.....	5.00
Dr. & Mrs. Owen J. Toland.....	5.00
Mr. & Mrs. Edwin L. Vogel.....	4.00
Mr. & Mrs. Frank D. Watson.....	2.00
Dr. & Mrs. J. W. Welty.....	4.00
Mr. & Mrs. Nelson L. West.....	5.00
Mr. & Mrs. William Nelson West III..	2.00
Mr. & Mrs. Gilbert F. White.....	3.00
Mr. & Mrs. Allen E. Whiting.....	5.00
Mr. H. Justice Williams.....	2.00
Mr. Albert H. Wilson.....	5.00
Mr. & Mrs. D. Wright Wilson.....	2.00
Miss Rebecca B. Wistar.....	5.00
Mr. & Mrs. Thomas Wistar.....	10.00
Mr. & Mrs. Richard R. Wood.....	10.00
Mr. & Mrs. Thomas M. Woodward.....	4.00
Mrs. Clarence E. Wunder.....	2.00

*Total* \$612.06

CONTRIBUTORS TO THE "CAMPUS CLUB"

Mr. Edward H. Cahill.....	\$ 5.00
Simonetta Caselli.....	2.00
Mr. & Mrs. Bennett Cooper.....	2.00
Mr. Aubrey C. Dickson, Jr. ....	5.00
Miss Gladys Griscom.....	5.00
Mr. & Mrs. Harry Pfund.....	3.00
Mr. & Mrs. Albert K. Smiley, Jr. ....	2.00
Mr. Daniel Smiley.....	20.00
Mr. Howard M. Teaf, Jr. ....	5.00
	<hr/>
	\$ 49.00
	<hr/> <hr/>

CONTRIBUTORS TO THE "HAVERFORD COLLEGE FRIENDS OF MUSIC"

Janet M. Agnew.....	\$ 2.00
E. P. Alexander.....	5.00
Kenneth E. Appel.....	2.00
Robert S. Beal.....	2.00
Miss Alice Biddle.....	10.00
Mrs. Rebecca Bradbeer.....	5.00
Mr. & Mrs. T. R. S. Broughton.....	4.00
Richard C. Bull.....	2.00
Mary G. Cary.....	5.00
Mrs. George K. Chandler.....	2.00
Mrs. Julia Cope Collins.....	5.00
Mrs. Howard Comfort.....	2.00
Mrs. W. W. Comfort.....	5.00
Frances Wistar Brown Conti.....	1.00
Mrs. Sabato Conti.....	1.00
Elinor E. Curwen.....	2.00
Doris M. Collot D'Escury.....	2.00
Mr. & Mrs. Henry S. Drinker.....	50.00
Miss Gertrude Ely.....	10.00
Spencer Ervin.....	5.00
Mrs. Edmund C. Evans.....	10.00
Miss Mary Evans.....	5.00
Miss Clare Ray Ford.....	3.00
Dr. & Mrs. Robert E. Forster.....	2.00
Mrs. Albert V. Fowler.....	2.00
Mrs. Sara K. Fuller.....	5.00
Miss Mary K. Gibson.....	10.00
Milton M. Gordon.....	2.00
Miss Cynthia Griffin.....	2.00
Miss Gladys H. Griscom.....	5.00
Mrs. John S. C. Harvey.....	10.00
Mrs. Wallace Hayward.....	5.00
Mrs. Charles Hepburn.....	5.00
Harrison Hires.....	10.00
Mr. J. Bennett Hill, Jr. ....	5.00
Ray A. Hutchinson.....	2.00
Mrs. H. M. Hutton.....	2.00
Harry Ingersoll.....	5.00
Sophia Yarnall Jacobs.....	10.00
Virginia S. Keller.....	2.00
Mrs. George Kerbaugh.....	5.00
Mrs. Wm. M. Kift.....	2.00
William Kohler.....	10.00
Mrs. B. W. Lingelbach.....	5.00
Mrs. M. H. Lloyd.....	5.00
Dean and Esther Lockwood.....	2.00
Ariel G. Loewey.....	2.00
Miss Judith M. Logan.....	2.00
Mrs. Howard M. Longstreth.....	5.00
Wallace T. MacCaffrey.....	5.00
Beatrice MacGeorge.....	5.00
Mrs. Soledad Marichal.....	2.00
Professor B. Marti.....	2.00
Mr. & Mrs. Thomas W. McMasters.....	5.00
Mr. & Mrs. W. B. Meldrum.....	2.00
C. C. Morris.....	10.00
Mrs. Joseph H. Morris.....	2.00
Mr. Stafford H. Newhall.....	4.00
Miss Caroline Newton.....	5.00
Dr. & Mrs. Alex. Orden.....	4.00
Mr. George W. Patterson.....	4.00

	Forward	\$312.00
Mr. Harry W. Pfund.....	\$	2.00
Mr. & Mrs. William Reitzel.....		10.00
Jonathan E. Rhoads.....		10.00
Mrs. John F. Rich.....		5.00
Frederick P. Ristine.....		10.00
Beverly & Leon Robbins.....		4.00
Mrs. M. Robertson.....		2.00
Mrs. William P. Sadler.....		2.00
Mrs. Charles C. Savage.....		10.00
James E. Sax.....		2.00
Dr. & Mrs. F. Schreier.....		4.00
Mrs. Richard J. Schulte.....		2.00
Mr. & Mrs. T. Kite Sharpless.....		5.00
Mrs. Edward D. Snyder.....		2.00
Miss Mary H. Steen.....		2.00
Mr. S. Emlen Stokes.....		10.00
Mrs. J. Stogdell Stokes.....		5.00
Mr. G. Frederick Stork.....		2.00
Mrs. Harrison Taylor.....		5.00
Mrs. Winifred Tilbury.....		5.00
Dr. Gemit Toennies.....		5.00
Joseph J. Tunney.....		2.00
Mr. & Mrs. Harold Van Doren.....		4.00
Mrs. M. L. Van Moppes.....		2.00
Adolph Vogel.....		5.00
Mrs. John K. Walker.....		2.00
Mr. & Mrs. Frank D. Watson.....		4.00
Miss Nadia Watson.....		2.00
Mrs. Charles R. Wentz.....		2.00
Mrs. William White.....		5.00
Mr. & Mrs. Allen Whiting.....		10.00
Dr. Elizabeth D. Wilson.....		2.00
Ellen Winsor.....		10.00
Kenneth Woodroffe.....		<u>2.00</u>
	<i>Total</i>	<u>\$468.00</u>

NON-FACULTY PENSIONS ACCOUNT

RECEIPTS

Balance September 1, 1953

Composed of Reserves and Interest Accumulated.....	35,609.60
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Added:

Yearly payment for future services.....	737.00
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Toward funding liability for past services.....	4,448.00
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For payment to retired persons.....	2,065.00
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Interest.....	<u>1,780.48</u>	\$44,640.08
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EXPENDITURES

Pensions paid to three persons:

M. Norris, J. P. Rantz & H. Wilson.....	<u>2,065.00</u>
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Balance August 31, 1954.....	<u><u>\$42,575.08</u></u>
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## REPORT NO. 28 OF

## "LOAN FUND"

Established 1926

Current Year 1953-1954

Cash balance on hand, August 31, 1953.....	\$ 7,481.20
5 Loans repaid during year.....	1,346.07
7 Partial payments on loans during year.....	846.85
Interest received during year.....	484.93
	<u>\$ 10,159.05</u>

*Operating Expenses*

15 Loans made during year.....	4,360.25
Cash on hand, August 31, 1954.....	\$ 5,798.80
Loans outstanding, August 31, 1954.....	14,785.34
Interest Outstanding, August 31, 1954.....	1,155.77
Total Resources, August 31, 1954.....	<u>\$ 21,739.91</u>

Total to August 31, 1954

Gifts and Donations.....	\$ 28,131.14
424 Loans Repaid.....	64,719.81
565 payments on loans.....	25,116.53
Interest paid up.....	16,170.39
Other sundry collections.....	50.02
Total receipts.....	<u>\$134,187.89</u>
Repayments of gifts and donations.....	\$ 21,708.05
Loss on funds and Merion Title & Trust Co.....	582.01
Expenses.....	160.21
Loans granted.....	<u>105,938.82</u>
	<u>128,389.09</u>
Cash balance on hand August 31, 1954.....	5,798.80
Outstanding interest to August 31, 1954.....	1,155.77
Outstanding loans to August 31, 1954.....	<u>14,785.34</u>
	<u>\$ 21,739.91</u>



## ENDOWMENT FUNDS

### FUNDS FOR GENERAL PURPOSES

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#### GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300; 1954, Maria Luisa Gildemeister, \$500. Present book value, \$97,795.14. The income is used for salaries and scholarships.

#### JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College. Present book value, \$32,375.19.

#### JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,640.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

#### DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

#### EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

#### WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. There are no restrictions. The income is used for general college purposes. Present book value, \$5,144.24.

#### ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,781.94. The income only is used for the payment of professors or teachers.

### **JACOB P. JONES ENDOWMENT FUND**

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,301,375.34. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

### **JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS**

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$275,899.76. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

### **ELLEN WALN FUND**

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$11,117.10. There are no restrictions. The income is used for general college purposes.

### **CLEMENTINE COPE ENDOWMENT FUND**

Founded in 1904 by bequest of \$25,000 from Clementine Cope. There are no restrictions. The income is used for general college purposes. Present book value, \$21,493.67.

### **NATHAN BRANSON HILL TRUST**

Founded in 1904 by deposit with First National Bank and Trust Company of Minneapolis, Minn., Trustee, of a paid up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid in the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931 Samuel Hill died and the policy realized \$5,039. The Trust is to remain in the care of the above named bank, now known as First National Bank of Minneapolis, until twenty-one years after the death of Samuel Hill's son, James N. Hill, who is still alive. At that time, the Trust is to terminate and the principal is to be vested in Haverford College absolutely.

### **JOSEPH E. GILLINGHAM FUND**

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 was until recently appropriated annually from the income for scholarships, the balance being used for general college purposes. Present book value, \$42,394.72.

### **HENRY NORRIS FUND**

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,886.01. There are no restrictions. The income is used for general college purposes.

### **ELIZABETH H. FARNUM FUND**

Founded in 1891. The original principal of this fund, amounting to \$10,000, was held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum of Philadelphia. The income was first paid to a life tenant until 1914, when income first accrued to the College "for the payment of the salaries of teachers and professors by the said College employed." Under date of Ninth Month 18, 1944, upon petition of the Trustee, concurred in by the College, the Court of Common Pleas awarded the principal to the Corporation of Haverford College "to be administered by it for the purposes set forth in the deed of trust in accordance with the non-profit corporation law."

### **JAMES R. MAGEE FUND**

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250, \$100, \$449.89, \$175.00, 197.99 (1947-48) and \$7.40 (1948-49), under his legacy. Present book value, \$45,035.96. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

### **ALBERT K. SMILEY FUND**

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,500.00. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

### **THE HINCHMAN ASTRONOMICAL FUND**

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$39,515.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

### **WALTER D. AND EDITH M. L. SCULL FUND**

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the

principal of the fund. Present book value, \$174,560.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

#### **ALBIN GARRETT MEMORIAL FUND**

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

#### **ARNOLD CHASE SCATTERGOOD MEMORIAL FUND**

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. The income only is to be used toward the payment of professors' salaries. Present book value, \$24,381.59.

#### **FRANCIS B. GUMMERE MEMORIAL FUND**

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$125,569.51.

#### **ISAAC SHARPLESS MEMORIAL FUND**

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received, were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$218,728.43.

#### **GENERAL EDUCATION BOARD FUND**

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$126,076.83.

#### **HAVERFORD IMPROVEMENT FUND AND CONSOLIDATED CAMPUS HOUSES ACCOUNT**

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an

undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

As of Ninth Month 1, 1944, all of these eight College Lane houses, together with seven houses which had been bought for the College and formed a part of the College debt, and nine other Campus houses which were owned free of debt, were consolidated at a combined valuation of \$281,331.70 into a new Campus Houses Account held by Consolidated Investment Account. There have been additional investments in other College houses from time to time and the present book value is \$395,771.15. A return of 4% interest is to be credited to income to the College and 1½% is to be applied to the annual reduction of the investment.

#### **WILLIAM PENN FOUNDATION**

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$102,067.43.

#### **WALTER CARROLL BRINTON MEMORIAL FUND**

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$14,125.79.

#### **CORPORATION FUND**

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. In 1951 the fund was increased by \$4,994.50, being proceeds of the sale of .284 acres of land to Philadelphia Electric Co. In 1953-54 the cost of renovation of Philips wing in the Library was taken from this fund (\$60,175.56). Present book value, \$24,828.94. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

### **ELIZABETH J. SHORTRIDGE FUND**

Founded 12 Month 22, 1930, by bequest from Elizabeth J. Shortridge, without restrictions. Until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$10,000.00.

### **HOWARD COMFORT MEMORIAL FUND**

Founded in 1934 by gift of \$1,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908.

The fund was added to by further gifts from the same donor of \$1,000 in 1935, \$1,000 in 1936, \$2,000 in 1937 and \$500 in 1949. The income only is to be used for general purposes. Present book value \$5,527.31.

### **EMMA RIDGWAY COMLY FUND**

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$49,987.50.

### **ELLEN W. LONGSTRETH FUND**

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and residuary \$84,416.28 in 1935-36, together with further realization on residuary assets, viz. \$3,338.69 in 1936-37, \$73.33 in 1938, \$166.80 in 1942-43, and \$258.00 in 1943-44 and in 1947-1948, \$10,785.65 additional was received upon the death of a life tenant of a trust, making a total of \$119,038.75. Present book value, \$117,520.19.

### **ALBERT L. BAILY FUND**

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$5,000.00.

### **ELIZABETH B. WISTAR WARNER FUND**

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value \$4,950.00.

### **T. ALLEN HILLES BEQUEST**

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given



them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$280,764.31.

#### **LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND**

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Further gifts of \$1,000 from each of the above donors were made in 1947-1948. During 1949-1950 an additional gift of \$1,000.00 was received from Leonard L. Greif, Jr. Further gift was made in 1952-1953 of \$1,000.00 by Leonard L. Greif, Jr. Present book value, \$7,000.00.

#### **EDWARD M. WISTAR FUND**

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present book value, \$2,500.00.

#### **MORRIS E. LEEDS FUND**

Founded Sixth Month 26, 1941 by a gift of 400 Participating shares of Leeds and Northrup Stock Trust (Value \$40,000.). This gift was added to in 1948 by a further gift of 550 shares (value \$55,000.), and in 1949 by 620 shares (value \$62,000.). Through the 1949 Campaign there were also added cash donation of \$59,000. Further donation in 1952-53 of 1500 shares.

In 1953-54 further gift of \$299,992.19.

The entire fund is unrestricted as to principal and interest, and was ordered by the Managers, until otherwise directed, to be included among the funds for general purposes. The present book value is \$764,872.19.

#### **J. HENRY SCATTERGOOD FUND**

Founded Tenth Month, 1941, by donations totaling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of \$340 was made in 1943-44, \$200.00 in 1949-50, \$1,000 in 1950-51 (through 1949 campaign) \$1,000 in 1951-52 (through 1949 campaign), \$1,000 in 1952-53 (through 1949 campaign), and \$6,800.00 in 1953-54 (through 1949 campaign).

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College.

### **PARKER S. WILLIAMS FUND**

Founded Tenth Month 1, 1947, by unrestricted bequest of \$100,000 under the will of Parker S. Williams, Class of 1894, of Villanova, Pa., who died in 1942. The actual amount received from the executors was \$103,993.26, due to the increased value of certain investments, which were held, instead of being converted, under an agreement with the College. Income was paid to the College from time to time until the receipt of the bequest.

### **W. PERCY SIMPSON TRUST**

#### **Provident Trust Co. and William J. Clark Trustees**

This perpetual Trust was established under the will of W. Percy Simpson, Class of 1890, who died Second Month 19, 1938. The will provides that one fourth of the net income from the residuary estate, after the death of his widow (who died in 1940) and of his son (who died in 1946), shall go to two grandchildren, and of the remaining three quarters one tenth shall go to Haverford College. Thus Haverford's share of the income now is 3/40th. The income comes partly from securities but largely from Texas Oil Royalties and rentals. Of the present income as estimated by the Trustees, Haverford's share is about \$1,875 per annum.

The will further provides "without imposing any obligation upon Haverford College, I recommend to it the advisability of expending the moneys which shall from time to time come to it under this will or so much thereof as may be required, for the examination and analysis of applicants for admission to the College with respect to their mental, physical and general qualifications, and of students therein for the purpose of determining the field of activity best suited to the individual."

The will further provides that whenever a vacancy shall occur by the death or resignation or otherwise of the individual Trustee, the selecting of a new Trustee shall be done by the governing body of Haverford College, and that if The College fails to perform this duty, the payment of further income to it shall terminate.

### **CLARENCE W. BANKARD FUND**

Founded Second Month 10, 1948, by unrestricted bequest from Clarence W. Bankard, Class of 1901, of Philadelphia, amounting to \$4,418.75. The Board until otherwise ordered, set up a new fund for general purposes unrestricted as to principal and income.

### **GILBERT C. FRY FUND**

Founded Fourth Month 2, 1948, by an unrestricted gift of \$1,000 U. S. Treasury Bond from Gilbert C. Fry, of Germantown, Philadelphia, Class of 1923, in remembrance of his 25th anniversary of graduation. A new fund was set up and until otherwise ordered by the Managers, the income only will be used for general purposes. Further gift of \$500.00 was made in 1949-50, \$1,000 was made in 1950-51 (through 1949 campaign), \$1,000 1951-52, and \$1,500 in 1952-53. Present book value \$5,000.00.

### **DANIEL B. BOYER FUND**

Founded Third Month 3, 1948, with an initial gift of \$2,500 in stock from Daniel B. Boyer, Boyertown, Pa., Class of 1911. The donor's letter states: "It is my desire that the income from the stock be allocated for faculty use. If present reduced College income is not sufficient to cover current faculty needs, the Board of Managers should not hesitate to sell the shares and apply the proceeds for that purpose." A new fund was set up, and until otherwise ordered by the Managers, the income only will be used for faculty salaries.

### **MARY K. COMLY FUND**

Founded Sixth Month 29, 1948, by unrestricted bequest of Mary K. Comly, of Philadelphia, of \$35,000. A new fund was set up, and until otherwise ordered by the Managers, the income only is to be used for general purposes.

### **HENRY C. BROWN TRUST**

**Pennsylvania Co. for Banking and Trusts, Trustee**

Founded Eighth Month 18, 1948, by bequest of estimated value of \$183,000 from Henry C. Brown, of Philadelphia, ex Class of 1866, to the Pennsylvania Co., in trust for benefit of Haverford College. The will provides that the income is to be used for current expenses. The will further provides that "the said College shall have power in its discretion to use a portion of the principal of the said trust estate not exceeding in any one year twenty per cent of the original fund for permanent purposes such as buildings, books and equipment proper for conducting the work of instruction and education."

The Managers have not as yet made any requisition to the Trustee for any share of the principal of the Trust.

### **MARRIOTT C. MORRIS FUND**

Founded Ninth Month 1, 1948, by unrestricted bequest of \$10,000 from Marriott C. Morris, Class of 1885, of Germantown.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$10,000.

### **MARY BROWN FUND**

Founded Sixth Month 1, 1949, by unrestricted bequest of \$1,000 from Dr. Mary Brown, of Drexel Hill, Pennsylvania.

The fund is classified among unrestricted funds for General Purposes, and is included in Consolidated Investment Account. Book value, \$1,000.

### **1949 CAMPAIGN SALARY FUND**

Founded Sept. 1, 1950 by a transfer of \$107,800.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to augment faculty salaries and for increasing, where necessary, the teaching staff to make possible the desired ratio between faculty and students.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$174,020.48.

### **THE RUFUS M. JONES FUND FOR ADVANCEMENT OF TEACHING**

Founded Sept. 1, 1950 by a transfer of \$235,000.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to stimulate professional growth, encourage desirable research, make possible short-term absences for study or to render special service, and to raise professors' salaries.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$353,829.10.

### WILLIAM PYLE PHILIPS FUND

Founded on the death of William Pyle Philips, class of 1902, of New York City, N. Y. on December 18, 1950 by the bequest of his entire residuary estate as an endowment fund in perpetuity, the principal is to be invested in such securities as the Board of Managers shall deem advisable "but at least  $\frac{1}{2}$  thereof to be invested in diversified common stocks."

The income is "to be applied from time to time to such purposes as said Board of Managers in their discretion shall deem advisable, provided, however, that approximately one-half ( $\frac{1}{2}$ ) of such income be applied to one or more of the following purposes:

"(a) Purchase for the Treasure Room of the College Library of rare books which the College would not otherwise buy and comparable with the books mentioned in *Article Third* hereof;

"(b) Bringing to the College distinguished scientists or statesmen for a lecture or series of lectures, for courses of instruction, for seminars, for research or for other academic purposes; and

"(c) Subscription to important learned periodicals, domestic and foreign, of the various humanities and sciences, purchases of back numbers of such periodicals and binding of the same for permanent preservation in the College Library." Present book value \$1,764,499.31.

### WILLIAM B. BELL FUND

Founded in Ninth Month 1951 by partial distribution of \$19,444.44 on account of an unrestricted bequest to the College of William B. Bell, Class of 1900, of New York, and in 1953-54 a final distribution of \$14,436.47.

The fund is to be used for General Purposes and is included in Consolidated Investments Account. Present Book Value is \$33,790.91.

### DR. THOMAS WISTAR FUND

Founded in 1952, upon the termination of a Trust by the bequest of the residuary estate of Dr. Thomas Wistar, class of 1858, the funds are to be kept invested and the net income used for such purposes either general or special as the Managers of said College may direct. Present book value is \$25,068.15.

### THE CHARLES McCAUL FUND

Founded in 1953 by a bequest of  $\frac{1}{8}$ th of the residuary estate of Mary N. Weatherly. The fund is to be known as The Charles McCaul Fund, in memory of her step-father. The income only shall be spent.

The use of the fund is unrestricted but it is the hope of the Testatrix that some portion of the income may be used to provide one or more scholarships, and that the rest of the income may be used to provide *sound and conservative instruction* in the Social Sciences.

It is my preference that such scholarships be awarded to students who show especial interest in the field of religion and the Social Sciences, but I do not specifically limit the use of the Fund, having confidence in Haverford College to teach high ideals." The present book value of this Fund is \$37,187.20.

### ISAAC & LYDIA COPE SHARPLESS FUND

Founded in 1953 by bequest of \$5,000.00 from Lydia Cope Sharpless, who died Sept. 23, 1952, "in memory of my husband, Isaac Sharpless." The fund is without restriction, and has a present book value of \$5,000.00.

## FUND FOR GRADUATE SCHOOL

### MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$374,960.27. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

## FUNDS FOR INFIRMARY

### INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. The income is used toward the expenses of the Morris Infirmary. Present book value, \$9,653.44.

### JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary. Present book value, \$5,059.50.

## FUND FOR HAVERFORD UNION

### HAVERFORD UNION FUND

Founded in 1920 by gift from the former Haverford Union Members of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,878.82.

## FUNDS FOR SCHOLARSHIPS

### THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,257.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

### EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

### ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

### RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. The income only to be used to sustain the "Richard T. Jones Scholarship." Present book value, \$5,056.25.

### MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships. Present book value, \$7,013.61.

### SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships. Present book value, \$7,919.76.

### CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty. Present book value, \$22,845.86.

### ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$9,365.53. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

## CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Casper Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$6,951.21.

## J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,155.85.

## LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

In 1950 there was added to this fund the proceeds of ten life insurance policies formerly held in the Triangle Society Endowment Fund amounting to \$2,954.18 plus the balance of \$500 in that Fund and four additional con-

tributions of \$543.01, \$222.00, \$1,000. and \$330 by members of the Society, making the present book value of this Fund \$10,807.19.

#### **PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND**

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$5,045.60.

#### **ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND**

Founded in 1935 by gift of \$750. \$2,000 each year, 1936 to 1940, and in 1942; \$2,500 in 1941; \$1,000 in 1943; \$1,000 in 1944; \$2,000 in 1945; \$2,000 in 1947-1948, \$1,000 in 1949-1950, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$22,250.00.

#### **SAMUEL E. HILLES ENDOWMENT**

##### **CREATED BY MINA COLBURN HILLES**

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$5,017.31.

#### **CLASS OF 1913 SCHOLARSHIP FUND**

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value, \$3,000.00.

#### **THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND**

Founded Fifth Month 31, 1939, by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value, \$22,775.34.



## THE CLASS OF 1917 SCHOLARSHIP FUND

Founded Seventh Month 13, 1942, by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. This was increased to \$200.00 per annum in 1947-1948. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00 (increased to \$200 in 1947-48, increased to \$300 in 1949-50, increased to \$500 in 1952-53), or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 was already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years was added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Further contributions of \$500 were made in 1944-1945; \$425 in 1945-1946; \$810 in 1946-47; \$985 in 1947-1948; \$250 in 1948-1949; \$450 in 1949-1950; \$670 in 1950-51; \$705 in 1951-52; \$405 in 1952-1953; and \$725.00 in 1953-54. Present book value, \$8,961.08.

### DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943, by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass., who died in 1944. This was increased Fifth Month 24, 1945 by a bequest of \$2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, \$5,000.00

### SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Founded Eleventh Month 1, 1943 by bequest of \$75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value \$75,534.58.

### ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Established Second Month 2, 1944 by gift of \$200 from Mrs. Elihu Grant to supplement the simultaneous transfer of \$803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and \$75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of \$1,000 in 1943-44 and \$2,000 in 1944-45. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45. Mrs. Grant made a further gift of \$1,000 in 1945-46. In 1949-1950 in connection with the Campaign, the Grant Foundation made a further gift to the College of \$25,000, to be added to this fund. Present book value, \$40,255.95.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College." If conditions change, the Managers are given power to change the use of the fund. In making the additional grant in 1949-50, the Foundation stated that "the income from this present gift may be allocated as scholarship or fellowship awards by the proper authorities of the College to under graduate or graduate students without restriction as to courses of studies." Present book value, \$40,255.95.

#### **CHRISTIAN FEBIGER MEMORIAL SCHOLARSHIP FUND**

Founded Sixth Month 13, 1946 by a gift of \$8,000 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

On Third Month 18, 1949 a bequest of \$9,050 was received from the executors of Mrs. Madeleine Seabury Febiger, who died September 27, 1947, and was added to this fund.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College. Present book value, \$17,050.

#### **JOSEPH L. MARKLEY MEMORIAL SCHOLARSHIP FUND**

Founded 2nd Month 10, 1947 by gift of \$5,000.00 from Mrs. Mary E. B. Markley of Ann Arbor, Michigan, widow of Joseph L. Markley, A.B. '85, M.A. '86, who was Professor of Mathematics at University of Michigan. The gift was made "to be held as an endowment fund in memory of Joseph L. Markley of the Class of 1885. The income of which is to be granted each year, in the discretion of the faculty, as a scholarship to some student on the basis of character, scholarship and financial need."

#### **JOSEPH C. AND ANNE N. BIRDSALL SCHOLARSHIP FUND**

Founded 2nd Month 24, 1947 by initial gift of \$10,000 from Dr. Joseph C. Birdsall, Class of 1907, of Haverford, Pa., "for the establishment of a new fund to be known as "Joseph C. and Anne N. Birdsall Scholarship Fund, the income only to be granted each year, in the discretion of the faculty of Haverford College, as scholarship aid to some student or students of Haverford College who are preparing for medicine,—the selection to be upon the basis of character, scholarship and financial need." Further gifts 1947-48, \$5,000; 1948-49, \$5,000; 1949-50, \$5,000. Present book value, \$25,000.

#### **DANIEL E. DAVIS, JR., MEMORIAL SCHOLARSHIP FUND**

Founded by gifts made First Month 20 and Second Month 17, 1948, totalling \$3,000, by Mr. and Mrs. Daniel E. Davis, of Sewickley, Pa., to establish the Daniel E. Davis, Jr., Memorial Scholarship Fund, in memory of their son, ex Class of 1944, who was killed in aerial warfare in the Pacific.

The income from the fund is to be granted each year, in the discretion of the Faculty, as a scholarship to some student on the basis of character, scholarship and financial need.

## **JONATHAN M. STEERE SCHOLARSHIP FUND**

Founded Twelfth Month 28, 1948 by gift of \$2,300 from Jonathan M. Steere, Class of 1890. Classified among the Scholarship Funds and included in Consolidated Investment Account.

The donor's provisions governing the use of the fund are as follows: "With this stock, or its proceeds, I wish to establish a fund for a scholarship primarily for a graduate of Moses Brown School, Providence, R. I., now under the care of New England Yearly Meeting of Friends. Should the scholarship not be awarded in any one year to a graduate of Moses Brown School, it may be awarded to someone else, preferably from New England, in the discretion of the College. If advisable, it may be given to more than one boy in any year. My preference is that it be awarded to a member of the Society of Friends, but I do not so restrict it. Should the time come when, for any reason, scholarships may not be needed or desirable, having full confidence in the Management of the College, I wish that both the principal and the income be used as the College in its sole discretion shall determine.

"I suggest that at the College it be known as the 'Moses Brown School Scholarship', and at the School as the 'Haverford Scholarship'." A further gift of \$4,985.00 was made in 1949-50 and \$2,715 in 1950-51 (through 1949 campaign). Present book value, \$10,000.

## **WILLIAM GRAHAM TYLER MEMORIAL SCHOLARSHIP FUND**

Founded Tenth Month 1949 by gift of \$15,000 from Miss Mary Graham Tyler in memory of her father, William Graham Tyler, Class of 1858. Formerly of Philadelphia, William Graham Tyler took an active part in civic improvement in New Jersey and in Iowa, and was concerned with the advancement of Friends Education at both William Penn College and Haverford College.

The income from the fund is to be granted each year, in the discretion of the College, as scholarship aid to some student or students on the basis of character, scholarship, and financial need. Preference is to be given to students from Oskaloosa, Iowa, or William Penn College in that state.

## **1890 MEMORIAL SCHOLARSHIP FUND**

Founded in March 1950 by a gift of \$2500 from Andrew L. Lewis of Worcester, Pennsylvania, in memory of his father, John F. T. Lewis, of Class of 1890, "and in recognition of his father's friendship with the members of his class."

The income from this fund is to be awarded as a scholarship by the College to a deserving student. Since in the beginning the income from this fund will not be large enough to furnish an entire scholarship, it may be used in conjunction with some other scholarship to insure aid of material size, increased by \$100 in 1951-52 and \$100 in 1952-53. Present book value, \$2,700.

## **1949 CAMPAIGN SCHOLARSHIP FUND**

Founded Sept. 1, 1950 by a transfer of \$38,610.00 from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds available for scholarships, in order to maintain the quality and increase the diversity of the student body and to carry on the tradition that personal merit rather than ability to pay is the primary entrance qualification.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$44,235.17.

## MAX LEUCHTER SCHOLARSHIP FUND

The plan for this fund was evolved during the life of Max Leuchter, who died in 1949, and carried out upon his death by his wife Cecila P. Leuchter and his sons, Ben Z. Leuchter and Joel C. Leuchter. Self educated after completion of grade school, becoming editor and publisher of the Vineland Times Journal, Max Leuchter wished to benefit the College to which he sent his son, and which he had come to greatly admire.

The purpose of the donors in making this gift in 1950 of \$10,000.00 was to "create a scholarship which shall be given yearly to a student whose need can be demonstrated, whose academic performance meets the College requirements, and who, in addition, gives promise of making an outstanding contribution to the life of the College through his breadth of interest, his love of hard play and of hard work."

The scholarship shall be in the amount of \$300.00 in the beginning. It may be given to a new student each year or to one student through each of his four years. All income received above \$300.00 shall be capitalized each year.

"When the income from the fund has reached proportions such that an additional scholarship of \$300.00 can be awarded, and that at the same time at least \$300.00 can be returned to the fund, the additional award shall then be made."

"It is the further wish of the donors that, while their interests are primarily as stated above, should the Board of Managers of the College be faced with circumstances which cannot be foreseen now, the Board may, at its discretion, use the income from the fund for College purposes other than the scholarship purposes." The present book value is \$11,113.24.

## A. CLEMENT WILD SCHOLARSHIP FUND

Founded in 1951 by a first gift of \$4,087.50 of Gertrude T. Wild in memory of her husband, A. Clement Wild, of the class of 1899. The income from the fund is to be used for a scholarship or scholarships, to be granted without restrictions in the discretion of the College.

In making the gift the donor, though reiterating the freedom from restrictions, expressed the feeling that as A. Clement Wild was born in England, becoming a naturalized American Citizen, a grant to an English Exchange Student or someone in a similar category would be appropriate. Increased by \$4,625.00 in 1951-52, \$4,300.00 in 1952-53 and in 1953-54 \$4,100.00. The present book value is \$17,112.50.

## CLASS OF 1904 SCHOLARSHIP FUND

Founded June 4th, 1954 in commemoration of its fiftieth anniversary by the Class of 1904 and the families of its deceased members, the Fund is to be used for scholarship purposes and has a present book value of \$6,000.

## CAROLINE CHASE SCHOLARSHIP FUND

Founded December 10, 1951 by payment on a bequest of part of the residue of the estate of Caroline Chase, daughter of Thomas Chase, one time president of the College, of Providence, Rhode Island, whose Will provided:

"This gift is made as an expression of my father's enthusiastic appreciation for its high standards of scholarship in Greek, Latin and English literature.

"It is my intention that the said share given to said Haverford College shall be used for any of the educational purposes of said College according to the discretion of the President of the time being."

Present book value of the fund is \$6,245.11.

## ROY THURLBY GRIFFITH MEMORIAL FUND

Founded in 1953 by a legacy of \$5,000.00 from Grace H. Griffith, who died April 14, 1952, in memory of Roy Thurlby Griffith, class 1919. "The income therefrom to be used for a scholarship or scholarships for such individual or

individuals as in the judgment of the Trustees of said College shall be deserving of the same. The Trustees of said College shall have full power and discretion to determine the number of scholarships, the amount of such scholarships, and the recipients of the same, but it is my desire that wherever possible preference shall be given to boys who have no father and who are in need of financial assistance." Present book value \$5,000.

## FUNDS FOR THE LIBRARY

### ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

### MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$68,050.73. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

### WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library. Present book value, \$5,000.00.

### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

### ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$173,078.14. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the pres-

ent Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

#### F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.41, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$635.47.

#### EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$1,002.34.

#### CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. Additional donations were made as follows: \$500 in 1939-40; \$100 in 1943-44; \$500 in 1944-45 and \$200 in 1945-46. Present book value, \$6,550.00.

#### CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,253.52.

## QUAKERIANA FUND

Founded 1st Month 8, 1947, by gift of \$600 from President Emeritus William Wistar Comfort '94, as explained in letter from him as follows: "In 1940 some Alumni gave me a sum of money to buy books for myself. This I have done, and now there remains \$600 which I wish to make over to the Corporation, the interest of which may provide books or manuscripts for the Quaker collections. As a compliment to the donors of the fund, I should like the enclosed bookplate to be inserted in such future purchases."

## MOHONK FUND FOR THE RUFUS JONES COLLECTION OF MYSTICISM

Founded Third Month 21, 1949 by gifts totaling \$1,500 from members of the Albert K. Smiley family of Mohonk Lake, N. Y.

The gift was made "to make possible additions to the Rufus Jones Collection on Mysticism in the College Library," with the further provision that "it may be used at the discretion of Haverford College, if the purpose for which it is intended should no longer be applicable or desirable."

The fund is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$1,500.

## RUFUS M. JONES BOOK FUND

Founded Seventh Month 11, 1949 from bequest of \$5,000 through a deed of Trust established by Rufus M. Jones during his life, "the income only to be used—for the purchase of books on Mysticism, to be added to the Collection of books on that subject," which he turned over to the College a few years before his death.

The fund is designated as the Rufus M. Jones Book Fund, is classified among Library Funds, and is included in Consolidated Investment Account. Book value, \$5,000.

## 1949 CAMPAIGN LIBRARY FUND

Founded Sept. 1, 1950 by a transfer of \$22,100. from the receipts of the 1949 Haverford Campaign for additional endowment.

The income is to be used to increase funds with which to buy books, and thus maintain the excellence of the Library.

Until otherwise ordered by the Board, 10% of the income is to be capitalized each year; provided that this shall not reduce the yield from the fund below 4%.

A portion of the Capital of this Fund may be expended at the discretion of the Board of Managers in accordance with the policy stated in the Campaign Appeal. Present book value, \$34,625.09.



## FUNDS FOR PENSIONS

### PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund. Present book value, \$3,272.24.

### HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$112,040.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

## FUNDS FOR SPECIAL PURPOSES

### THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,248.00. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

### ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace. Present book value, \$1,126.75.

### JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value, \$2,247.87.

### SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment." Present book value, \$9,227.07.

### SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,296.88. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

### ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,727.00. The income only to be used as a prize for the best essays on Peace written by students of the College.

### **S. P. LIPPINCOTT HISTORY PRIZE FUND**

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$2,546.88.

### **FRANCIS STOKES FUND**

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income. Present book value, \$5,120.30.

### **GEORGE PEIRCE PRIZE FUND**

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400 from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value, \$3,071.60. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund. Present book value, \$3,337.36.

### **LYMAN BEECHER HALL PRIZE FUND**

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,155.00.

### **NEWTON PRIZE FUND**

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize. Present book value, \$1,397.75.

### **EDWARD B. CONKLIN ATHLETIC FUND**

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,400.00. The income is to be used without restriction in any branch of athletics.

### **ARBORETUM FUND**

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and

the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Addition in 1951 (through 1949 campaign) of \$4,775 by Edward Wortman. Present book value, \$9,362.75.

#### **WILLIAM ELLIS SCULL PRIZE FUND**

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present book value, \$2,000.00.

#### **PAUL D. I. MAIER FUND**

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$1,000.00.

#### **STRAWBRIDGE OBSERVATORY MAINTENANCE FUND**

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipping of the William J. Strawbridge, '94. Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value, \$3,839.54.

#### **C. WHARTON STORK ART FUND**

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

#### **JACOB AND ENGENIE BUCKY MEMORIAL FOUNDATION**

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God<sup>1</sup>; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.<sup>2</sup>

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In

God We Trust,' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

In 1945-1946, a further gift of \$1,000 from the Trustees was added to the fund. Unused income, if any, has also been capitalized. Present book value, \$4,362.52.

#### MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. A further gift of \$125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination. Present book value, \$1,411.39.

#### WILLIAM T. ELKINTON FUND

Founded Ninth Month 6, 1944, by bequest from William T. Elkinton, of Philadelphia, arising from a Trust set up by him during his lifetime. The principal was \$2,491.50 and income received, \$11.11, a total of \$2,502.61. After the death of a life beneficiary, the Trust provided: "to pay over, assign and transfer one of said equal parts unto the Corporation of Haverford College (a corporation of the State of Pennsylvania); the principal fund thus passing to said Corporation to constitute a part of such endowment as may be established at Haverford College as a fitting memorial of Friends' relief work abroad, which memorial 'should foster the peaceful relations of the United States with foreign countries by acquainting our youth with the principles of European governments and with international problems'; provided however, that if no such Endowment should be established at Haverford College prior to the expiration of one year after the principal of the Fund hereby conveyed becomes distributable under the provisions of this deed, the said one-third part of the fund hereby conveyed shall be devoted by the Corporation of Haverford College for such other purpose as the Trustees acting hereunder, their survivor or successor, shall designate, preferably for the furtherance of education in some form at Haverford College or for providing assistance in the form of scholarships to promote education."

In accordance with a suggestion from President Morley, concurred in by Thomas W. Elkinton representing the Trustees, the Managers voted on Ninth Month 22, 1944, that "the income until otherwise directed, is to be used for traveling and other expenses in the attendance at intercollegiate conferences for discussion of international problems by representatives of the International Relations Club at Haverford." The Trustee further stated "as long as the activities of the Club are closely related to 'acquainting our youth with the principles of European governments and with international problems,' the use of the income by the Club would be satisfactory."

## **TILNEY MEMORIAL FUND**

Founded in First Month, 1945, by gifts totaling \$2,000 by I. Sheldon Tilney, 1903, in memory of his parents, John S. and Georgiana E. Tilney. The income is to be used "to try to influence the student body towards a more religious viewpoint of life." Permission was also granted by the donor that "the income may be used also in connection with a scholarship for students in the field of Philosophy or Biblical Literature."

In 1945-1946 the fund was increased to \$5,000, by gifts of \$1,000 from Georgiana S. Kirkbride and \$2,000 from Robert W. Tilney, sister and brother of I. Sheldon Tilney. In 1948-49 a further gift of \$250 was received from I. Sheldon Tilney. In 1949-50 a further gift of \$1,000 and in 1952-53 \$500 was received from I. Sheldon Tilney. Present book value, \$6,500.

## **CLASS OF 1902 LATIN PRIZE FUND**

Founded Second Month 2, 1945, by gift from Class of 1902 of \$142.90, being proceeds of sale of security formerly purchased and held by the Class to perpetuate a Latin Prize of \$10 annually at Haverford. The Class had donated the income for this prize since 1913. An unused balance of \$39.00 of such donations was transferred to the income account of this fund.

## **CLASS OF 1898 GIFT**

Founded Sixth Month 12, 1948, by contributions totaling \$6,100 from members of the Class of 1898 as a 50th Anniversary Gift of their graduation. The conditions of the gift were "For a period of 25 years the income only produced by the fund is to be used to pay the expenses of lectures at the College by qualified persons on such subjects and at such times as the President of the College, with the advice of the Faculty, may think best, including at the discretion of the President, conferences between the lecturers and the students. After August 31, 1973, the income and/or principal of the fund, may, at the discretion of the Board of Managers, be used for any purpose in connection with the College." Present book value is \$6,315.00.

## **EDMUND J. LEE MEMORIAL AWARD FUND**

Founded Eighth Month 31, 1948, by donations totaling \$906.50 from members of the Class of 1943 on the occasion of their Fifth Reunion. The Class desired "to perpetuate the memory of Edmund Jennings Lee, 2nd, its sole member killed in the past war, and to stimulate in the College that spirit of service for which he was known. In 1948-1949 a further gift of \$100 was received from Miss Mildred W. Lee, sister of Edmund J. Lee.

"The proceeds from the invested fund shall be used to establish an annual award to be known as the Edmund J. Lee Memorial Award to be awarded annually beginning in 1949, to the recognized undergraduate organization which has contributed most toward the furtherance of academic pursuits, extra-curricular activities, spiritual growth, or college spirit, in individuals or in the College as a whole during the year. The Award is to be used by its recipient in continuing to render such service."

## **THE DAVID R. BOWEN PREMEDICAL FUND**

Established in 1950 by the family and friends of the late Dr. David R. Bowen, who, regretting a definite lack in his own training, believed strongly that men preparing to be physicians should receive a basic liberal education of the kind offered at Haverford College. The income is to be used at the discretion of the President of Haverford College, to purchase books for the use of premedical students, pay for professional magazine subscriptions, for lecturers, or for any other projects closely related to premedical training. Further gifts have been made yearly to the fund. Present book value, \$542.55.

### **JONATHAN & RACHEL COPE EVANS FUND**

“Founded in 1952, through gifts to the 1949 Campaign by the children and grandchildren of Jonathan and Rachel Cope Evans. The principal is to be invested and the income used one-half for scholarships and one-half for the purposes of the Rufus M. Jones Fund for Advancement of Teaching. If, however, at the expiration of twenty-five years the Board of Managers deems it advisable to use the income, or if necessary the principal, of the Fund for other purposes, it shall be free to do so.” A further gift was made in 1952-53 of \$500. Present book value is \$14,043.62.

### **EDWARD HAWKINS MEMORIAL FUND**

Established in 1953 by a gift to the College from the Class of 1937. The Fund is given in memory of Edward Hawkins, a member of that class.

The income to be used for the purchase of equipment required for intramural athletics. If such becomes impracticable, the income is to be used as directed by the Managers. Present book value is \$1,457.44.

### **WILLIAM W. BAKER PRIZE FUND**

“Founded in 1954 by bequest of \$500.00 from Mertie Gay Baker, who died January 31st, 1954, the fund is to be invested and the income given as a prize in the study of Greek. If the study of Greek at the said College should be discontinued, I direct that the income be given as a prize for the study of Latin and should the study of Latin be discontinued, I direct that the income be used as a prize in the study of Ancient History or Biblical Literature.”

STATED MEETINGS OF THE CORPORATION  
AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held in Tenth Month at such time and place as the Board of Managers may determine.

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The Stated Meetings of the Managers for 1953-54 will be held on the third Sixth-day of First, Third, Fifth, Ninth and Eleventh months.

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LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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FORM OF BEQUEST OF PERSONAL PROPERTY

*I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, the sum of .....Dollars.*

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FORM OF DEVISE OF REAL ESTATE

*I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estates: (Here describe the real estate.)*







# HAVERFORD COLLEGE BULLETIN



*Directory, 1954-1955*

VOLUME LIII

NUMBER FOUR

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*April, 1955*

HAVERFORD COLLEGE was founded in 1833 as the first college established by members of the Society of Friends in the United States. Wherever the first Quaker settlers set up their meetings for worship, they also opened schools, but because Friends have no ordained ministry or priesthood set apart from secular life, they made in the beginning no provision for institutions of higher learning. With the expansion of science and learning in the early nineteenth century, however, the need for advanced training was felt by the Friends as it was by the many other religious groups in America which founded colleges in that era. A tragic separation in American Quakerism in 1827-28 brought this need sharply to the attention of certain leaders of the "Orthodox" Quaker body in Philadelphia and New York. They organized Haverford, therefore, as an institution which would provide an "enlarged and liberal system of instruction" to meet the intellectual needs of "Friends on this continent," offering a course of instruction in science, mathematics, and classical languages "as extensive as given in any literary institution in this country." In religion, morals, and manners, the students who attended Haverford were, in the Quaker phrase of the day, to receive a "guarded" education, but their training was to be "equal in all respects to that which can be obtained in colleges." Haverford College in those days was modestly called Haverford School, but the intent was clear to create an intellectual center that would give to Friends the kind of education which other young Americans were receiving in the best colleges.

The choice of the site of Haverford College exercised its founders for three years; it was settled by the purchase of 198 acres of rolling farmland in the center of the Welsh Tract, a large area originally set apart by William Penn for Quaker immigrants from Wales. The region still bears the native place-names of its settlers, of which Haverford is one. The site was propitious. Today the College campus (increased to 216 acres) is a beautiful area of fields and woodlands, although the Philadelphia suburbs have spread out along the Main Line to Haverford and beyond. What had been fields grew into a graceful sweep of lawns, distinguished by trees and by planting reminiscent of an English garden. This was the contribution of William Carvill, an English landscape gardener whose careful planting gave Haverford a campus of great charm.

During the first forty years of the College's existence, Founders Hall, the original building, Alumni Hall, which is now incorporated in the Library, and an Astronomical Observatory comprised the major part of the physical plant. Throughout this era Haverford men were proving by their effectiveness in their communities the soundness of the

principles on which the College had been founded. In 1847 Haverford opened its doors to young men who were not members of the Society of Friends, and in 1856 it became a degree-granting institution, with a tradition of high scholarship which has continued unshaken. At the same time it has adhered to its Quaker traditions of simplicity of living and enlightened interest in social issues.

An era of progress began in 1874 under the presidency of Thomas Chase. He and his brother, Professor Pliny Earle Chase, brought the institution to full academic stature, and strengthened its endowment. In this period a number of new buildings were erected, notably Barclay Hall, which, as the principal dormitory, became the center of student life.

President Isaac Sharpless, 1887-1917, led Haverford College into the forefront of American collegiate institutions. His many-sided genius enabled him to gather and hold together a faculty of extraordinary capacity. In his regime, and the years immediately following, modern dormitories and classrooms, well-equipped laboratories for Chemistry, Physics, Biology, and Engineering were added to the growing assembly of buildings. The Gymnasium was erected in 1900; Roberts Hall, containing administrative offices and a large auditorium, in 1903. The Haverford Union, used for many College activities, dates from 1910; the Morris Infirmary from 1912. A modern Observatory was built in 1933, and a modern addition to the Library was completed in 1941.

As the College enrollment has grown in recent years, the need for residences in which men of like tastes and interests might have more intimate associations has been met by the establishment of a Spanish House and a French House, each with a resident director. In these specialized student residences the occupants have the advantages of group life without social discrimination of a fraternity system.

The original fund of \$60,000 raised when the College was started has been increased by generous bequests and donations to more than \$8,300,000. This endowment enables the College to maintain a superior faculty of unusual size in proportion to the number of students. Student enrollment is limited in order that teaching may continue on the basis of personal acquaintance in a unified community, as it has throughout the history of Haverford College.

Haverford Station on the Pennsylvania Railroad, between Bryn Mawr and Ardmore, is twenty minutes from downtown Philadelphia. The campus fronts on the famous Lancaster Pike (U. S. 30). It is approximately two hours train journey from Haverford to New York or Baltimore and less than three hours to Washington. Philadelphia's Orchestra, its museums and libraries, its scientific laboratories and industrial plants are all easily accessible to Haverford students, who can make full use of the cultural opportunities of a city while enjoying the beauty of a college campus in a quiet suburban setting.

# 1954

1954															
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
<b>Sept.</b>				1	2	3	4	<b>Nov.</b>		1	2	3	4	5	6
	5	6	7	8	9	10	11		7	8	9	10	11	12	13
	12	13	14	15	16	17	18		14	15	16	17	18	19	20
	19	20	21	22	23	24	25		21	22	23	24	25	26	27
	26	27	28	29	30				28	29	30				
<b>Oct.</b>						1	2	<b>Dec.</b>				1	2	3	4
	3	4	5	6	7	8	9		5	6	7	8	9	10	11
	10	11	12	13	14	15	16		12	13	14	15	16	17	18
	17	18	19	20	21	22	23		19	20	21	22	23	24	25
	24	25	26	27	28	29	30		26	27	28	29	30	31	
31															

# 1955

1955															
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
<b>Jan.</b>							1	<b>April</b>						1	2
	2	3	4	5	6	7	8		3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
	23	24	25	26	27	28	29		24	25	26	27	28	29	30
30	31														
<b>Feb.</b>			1	2	3	4	5	<b>May</b>	1	2	3	4	5	6	7
	6	7	8	9	10	11	12		8	9	10	11	12	13	14
	13	14	15	16	17	18	19		15	16	17	18	19	20	21
	20	21	22	23	24	25	26		22	23	24	25	26	27	28
	27	28							29	30	31				
<b>March</b>			1	2	3	4	5	<b>June</b>				1	2	3	4
	6	7	8	9	10	11	12		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30	31				26	27	28	29	30		

College days in heavy-face type

# Calendar

1954-1955

Registration of all new students . . . . .	September 20-21
Beginning of College year with Collection, 9 A.M. . . . .	September 22
Registration of returning students to be filed by 4 P.M. . . . .	September 22
First semester classes begin 8 A.M. . . . .	September 23
Thanksgiving vacation (dates inclusive) 1 P.M. . . . .	November 24-28
Major Registration cards for men in the fourth term must be filed by 4 P.M. . . . .	December 8
Registration (Spring Term) . . . . .	December 14, 15, 16
Christmas vacation (dates inclusive) 12 noon . . . . .	December 18-January 2
First Semester classes end, 4 P.M. . . . .	January 13
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive) . . . . .	January 12-15
Mid-year examinations (dates inclusive)** . . . . .	January 17-29
Second semester classes begin 8 A.M. . . . .	January 31
Applications for Fellowships for the following year must be filed by . . . . .	March 1
Spring vacation (dates inclusive) 12 noon . . . . .	March 26-April 3
Major Registration cards for men in the fourth term must be filed by 4 P.M. . . . .	April 13
Manuscripts in competition for prizes must be filed in the Registrar's Office by 4 P.M. . . . .	May 2
Registration (Fall Term) . . . . .	May 3, 4, 5
Second Semester classes end 12 noon . . . . .	May 14
All papers assigned must be turned in by 4 P.M.*	
Senior Comprehensive Examinations (dates inclusive) . . . . .	May 16-19
Final examinations (dates inclusive)** . . . . .	May 19-June 1
Commencement . . . . .	June 3

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\*If a paper is assigned in place of the final examination in a course, the date by which it is due may be set by the instructor not later than 4 P.M. of the fourth day preceding the end of the examination period. Late papers will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean.

\*\*Laboratory notebooks must be turned in not later than the scheduled time of the examination in the course. Late notebooks will receive no credit unless arrangements have been made *in advance* with the instructor in the course and the Dean. In courses which have no scheduled examination, notebooks must be turned in by 4 P.M. of the fourth day preceding the end of the examination period.

## HAVERFORD COLLEGE

### Student Activities Calendar      1954 - 1955

September	20-21	Registration of new students
September	22	Beginning Collection
September	23	Classes begin
September	25	Freshman Mixed Dance at Bryn Mawr
September	26	Freshman-Faculty tea at Haverford
October	2	Football
October	8	Cross Country Track
October	16	Junior Show at Bryn Mawr College
October	16	Football
October	23	Homecoming
October	23	Football
October	23	Soccer
October	23	Sophomore Dance
November	5	Cross Country
November	5-6	Drama Club
November	9	Soccer
November	9	Cross Country
November	14	Friends of Music Concert
November	16	Soccer
November	20	Football - Swarthmore
November	20	Varsity Club Dance
November	24-28	Thanksgiving Recess
December	1	Basketball
December	3-4	Drama Club at Bryn Mawr
December	4	Basketball
December	12	Bryn Mawr Concert
December	13	Christmas Collection and party at Haverford
December	15	Basketball
December	17	Basketball
December	17	Wrestling
Dec. 18 - Jan.	2	Christmas vacation
January	8	Fencing
January	9	Friends of Music Concert
January	12	Basketball
January	13	Classes end
January	15	Basketball
January	31	Second Semester begins



Student Activities Calendar 1954 - 1955 (Continued)

February	1	Fencing
February	5	Wrestling
February	9	Basketball
February	12	Wrestling
February	12	Fencing
February	12	Bryn Mawr College Freshman Show and Dance
February	19	Basketball
February	25	Wrestling (away) Swarthmore (Hood trophy)
February	26	Fencing
February	26	Basketball (away) Swarthmore (Hood trophy)
March	2	Fencing
March	3-4	Class Night
March	5	Junior Prom
March	6	Friends of Music Concert
March	12	Orchestra Concert
March	18-19	Drama Club at Bryn Mawr
March	18-19	Glee Club (away)
Mar. 26 - Apr. 3		Spring vacation
April	6	Baseball
April	11	Tennis
April	12	Golf
April	15	Baseball
April	16	Glee Club concert
April	19	Golf
April	20	Baseball, Tennis
April	23	Track
April	23	Bryn Mawr College Junior Show
April	24	Friends of Music Concert
April	26	Baseball
April	27	Track
April	28	Baseball
April	29	Tennis, Golf
April	29-30	Penn Relays
April	30	Senior Prom
May	4	Golf
May	6-7	Drama Club at Haverford
May	7	Spring Day
May	7	Baseball - Swarthmore Hood Trophy
May	7	Track (away) Hood Trophy - Swarthmore
May	7	Tennis (away) Hood Trophy - Swarthmore
May	10	Track
May	11	Golf, Tennis, Baseball
May	13	Golf, Swarthmore - Home
May	14	Tennis
May	14	Second Semester ends
June	3	Commencement

ACADEMIC YEAR 1954 - 1955

DIRECTORY

FACULTY AND STAFF

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Midway, unless otherwise noted	<u>Office</u>
(B.M.=Bryn Mawr, H.C.=Haverford College)			
Asensio, Manuel J.	500 Oakley Road	2-4163	Williams House
Ashmead, John, Jr.	531 Panmure Road	2-1648	Whitall 14
Baldwin, Barbara B.	569 Lancaster Ave.	LA 5-7992	Observatory
Beard, Mabel S.	Infirmiry, H. C.	9-9603	Infirmiry
Bell, Philip W.	616 Walnut Lane	2-2535	Whitall 10
Benfey, O. Theodor	765 College Avenue	2-9353	Chem. Lab. Basem't
Benham, Thomas A.	3 College Lane	2-8044	Sharpless 101
Bernheimer, Richard M.	225 N. Roberts Road, B.M.	LA 5-6693	Bryn Mawr College
Berry, Alice M.	Lincoln Highway, Berwyn	Ber. 0225	Roberts, 2nd fl.
Bishop, Ronald	Hedgerow Theatre, Moylan	ME 6-2482	
Bowe, Edward S.	111 Folcroft Ave., Folcroft	FA 9-2329	Gymnasium
Bramall, Norman B.	260 Margate Road, Upper Darby	FL 3-3795	Gymnasium
Bramall, Raymond	554 Broadview Road, Beverly Hills	FL 2-5581	Gymnasium
Cadbury, Henry J.	Pendle Hill, Wallingford	ME 6-6947	Founders 303 (2nd Sem.)
Cadbury, Wm. E., Jr.	791 College Avenue	2-0203	Roberts, 1st fl.
Campbell, John D.	4 College Circle	9-9741	Sharpless 308
Carr, Edytha M.	125 Windsor Ave., Narberth	MO 4-2480	Roberts, 1st fl.
Cary, John R.	627 Walnut Lane	2-3203	Whitall 11
Caselli, Aldo	6 College Circle	2-5562	Comptroller, Whitall
Comfort, Forrest D.	108 Chestnut Ave., Narberth	MO 4-3717	Roberts, 1st fl.
Comfort, Howard	901 Rock Creek Road, B.M.	LA 5-4578	Sharpless 301
Comfort, William W.	South Walton Road	2-0455	
Conner, Robert L.	227 N. Roberts Road, B.M.	LA 5-3539	Sharpless 201
Cooper, Bennett S.	4 College Lane	2-6724	Alumni Office
Cornman, Dr. Henry, III	337 Righter's Mill Road, Gladwyne	2-7736	Infirmiry (2nd Sem.)
Culbert, Craig D.	335 Sycamore Avenue, Merion	MO 4-8124	Chem. Lab.
deGraaff, Frances	Low Buildings, B.M.	LA 5-0015	Bryn Mawr College
Docherty, Patricia	773 College Avenue	9-2092	Bookstore, Union
Docherty, William, Jr.	773 College Avenue	9-2092	Gymnasium
Donovan, Janet L.	237 Signal Road, Drexel Hill	HI 7-1601	Whitall, Business Office
Drake, Thomas E.	650 Clyde Road, B.M.	LA 5-1534	Library, Treas. Room
Dunn, Emmett R.	748 Rugby Road, B.M.	LA 5-2753	Sharpless 209
Durling, Robert M.	7 College Lane	9-9315	Whitall 7
Ely, Daniel B.	103 Dudley Ave., Narberth	MO 4-8227	Coop, Union
Ersek, Bertha	7207 Penarth Avenue, Upper Darby	FL 2-6092	Whitall, Business Office
Flight, John W.	791 College Avenue	9-1668	Sharpless 304
Foss, Martin	1a College Lane	2-1599	Library 49
Foster, Catherine S.	2008 Laurel Rd., Havertown	HI 6-2645	Whitall, Business Office
Friedrich, Esther B.	2 College Lane	2-7414	Library staff
Friedrich, Gerhard G.	2 College Lane	2-7414	Library 50
Gernat, Jean L.	538 Ashland Avenue, Folcroft	FA 9-6673	Gymnasium Office
Goldberger, Else	Crum Creek Farm, Newtown Square	EL 6-3927	Library staff

Residence  
Haverford, unless  
otherwise noted

Telephone  
Midway, unless  
otherwise noted

Office

(B.M.= Bryn Mawr, H.C.= Haverford College)

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Midway, unless otherwise noted	<u>Office</u>
Gordon, Milton M.	612 Montgomery Ave., B.M.	LA 5-9983	Library 46
Gordon, R. Henri	38 Dorset Road, Devon	Wayne 2970	Gymnasium
Green, Louis C.	791 College Avenue	9-0265	Observatory
Gross, Barbara M.	2004 Laurel Road, Havertown	HI 6-0444	Bookstore, Union
Gutwirth, Marcel M.	8 College Lane	9-2266	Library 38
Haddleton, Alfred W.	20 Tenmore Road, B.M.	LA 5-1235	Gymnasium
Harter, Gerald S.	2511 Grand Ave., Holmes	WA 8-1394	Gymnasium
Haviland, H. Field, Jr.	629 Haydock Lane	2-9823	Library 45
Heath, Douglas H.	36 Railroad Avenue	2-6908	Sharpless 306
Herndon, John G.	1 College Lane	2-0364	
Hetzl, Theodore B.	768 College Avenue	2-4393	Hilles, 2nd fl.
Hewitt, Anna B.	245 S. 38th St., Phila. 4	EV 6-4946	Library, Treas. Room
Holmes, Clayton W.	2 College Circle	9-9651	Hilles, 1st fl.
Holmes, Mildred	547 Woodland Avenue, Springfield		Founders, Public Relations
Hornik, Henry	143 S. 60th Street, Phila. 39	AL 4-4269	Library 47
Hunter, Holland	Woodside Cottage, H.C.	9-2780	Library 42
Hyslop, Constance	516 Panmure Rd., c/o Feroe	2-7395	Library staff
James, Robert C.	Featherbed Lane, H.C.	9-9736	Founders 105
Janschka, Fritz	339 Louella Ave., Wayne	Wayne 0648-J	Bryn Mawr College
**Jones, Thomas O.	Dept. of Chemistry, University of Wisconsin		
Jordan, Katherine V.	Beechwood Apts., Narberth	MO 4-8599	Library staff
*Kelly, John A.	3 College Lane	2-4160	Whitall 8
Kelly, J. Wallace	27 Wyoming Avenue, Ardmore	9-0428	
Kipping, Margery P.	519 S. Narberth Avenue, Merion	WE 4-4857	Founders, Alumni Office
Koch, Heinz F.	3026 Cheltenham Avenue, Philadelphia 19	CH 7-0577	Chem. Lab.
Krasauskas, Marija K.	3236 Berks Street, Philadelphia 21	ST 7-8043	Library staff
Lander, Dr. Wm. W.	105 Charles Drive, B.M.	LA 5-1033	Infirmery (1st Sem.)
Lemonick, Aaron	114 Linwood Ave., Ardmore	9-1485	Sharpless 107-A
Lester, John A., Jr.	500 Panmure Road	2-3168	Library, 1st fl.
Lockwood, Dean P.	2 College Circle	9-9330	Library
Loewenberg, Jacob	119 Whitehall Apts.	9-2434	Library 41
Loewy, Ariel G.	114 Linwood Ave., Ardmore	2-0682	Sharpless 201
Lunt, William E.	5 College Lane	9-2315	
MacCaffrey, Wallace T.	1 College Lane	9-9875	Library 40
MacIntosh, Archibald	3 College Circle	2-0961	Roberts, 2nd fl.
Mahan, Agnes C.	I-1, Broadlawn Apts., 204 David Drive, B.M.	LA 5-5644	Faculty Secretary, Whitall 6
Matsushima, Satoshi	730 Panmure Road		Observatory
Meldrum, William B.	747 College Avenue	2-0881	Chem. Lab. 1st fl.
Miller, Margaret A.	240 E. Montgomery Avenue, Ardmore	2-1755	Roberts, 2nd fl.
Mills, James	6712 Souder St., Phila. 24	JE 3-8030	Gymnasium
Morsch, Richard O.	217 Wickford Road, Chatham Park, Havertown	HI 6-2949	Gymnasium
Newhall, Suzanne K.	164 Pennsylvania Ave., B.M.	LA 5-3014	Library staff
Nolde, Fredericka	7048 Germantown Avenue, Philadelphia	CH 7-0416	Library staff
Nugent, Miriam R.	Founders Hall, H.C.	9-2746	Dietitian, Founders
Oakley, Cletus O.	Featherbed Lane, H.C.	9-9895	Founders 103
Oakley, Louise G.	Featherbed Lane, H.C.	9-9600	Founders, Public Relations
Ogden, Maris M.	6E, Wynnewood Park Apts., Wynnewood	2-2415	Roberts, 1st fl.
Palmer, Frederic, Jr.	1 College Lane	2-6878	
Parker, Francis H.	Featherbed Lane, H.C.	2-2498	Library 43

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Midway, unless otherwise noted	<u>Office</u>
(B.M.= Bryn Mawr, H.C.= Haverford College)			
Pepinsky, Abraham	Spera Lane and Whitehall Road, Norristown	NO 5-7584	Sharpless 108
**Pfund, Harry W.	624 Overhill Road, Ardmore	2-5532	Whitall 8
Pickett, Clarence E.	510 Panmure Road	2-6872	
Post, L. Arnold	9 College Lane	9-2932	Library 51
Prizer, William	23 Railroad Avenue	2-4599	Gymnasium
Prudente, Ernest	822 Wynnewood Road, Ardmore	2-2577	Gymnasium
Quinn, Francis J.	1 College Circle, 3rd fl.	9-1813	Founders 304
Ralph, Esther	Village Way, Malvern		Library staff
Randall, Roy E.	Coach House, H.C.	9-9845	Gymnasium
Raney, Elizabeth A.	"The Studio", 1319 East Montgomery Avenue	2-6542	Public Relations
Rantz, J. Otto	2122 Chestnut Ave., Ardmore		
Reese, Ruth H.	205 Marlboro Rd., Ardmore	2-8788	Library staff
Reese, William H.	5 College Circle	9-0913	Union, Music Room
**Reid, Ira DeA.	2 College Lane	2-7764	Whitall 12
***Reitzel, William A.	Naval War College, Newport, R. I.		
Ricci, Rose	131 Poplar Avenue, Wayne	Wayne 2642	Whitall, Business Office
Richie, David S.	154 E. Main Street, Moorestown, N.J.		
Ricoeur, Paul	8 College Lane	2-9613	Founders 306 (1st Sem.)
Rittenhouse, Leon H.	6 College Lane	2-5522	
***Roche, John P.	773 College Avenue	9-0372	
Rossi, Ruth E.	31-B Hurley Court, Upper Darby	FL 2-5298	Whitall, Business Office
Ruffino, John J., Jr.	636 Kenilworth Road, Ardmore	2-3842	Gymnasium
Rush, Richard M.	33 Glenbrook Rd., Ardmore	9-0675	Chem. Lab. 3rd fl.
***Sargent, Ralph M.	Highlands, North Carolina		
Scott, Andrew M.	617 Railroad Avenue	9-9823	Chase 7
Snyder, Edward D.	36 Railroad Avenue	2-0712	Chase 3
Somers, Herman M.	521 Panmure Road	9-1382	Founders 108
Steer, Alfred G., Jr.	230 Lynbrooke Road, Springfield	SW 6-0573	Library 44
***Steere, Douglas V.	c/o American Friends Service Committee,		20 S. 12th St., Phila.
Stefan, Marie	10M, Wynnewood Park Apts., Wynnewood	9-0467	Whitall, Business Office
Sutton, Richard M.	785 College Ave. facing Walton Road	9-1198	Sharpless 104
Swan, Alfred	519 Walnut Lane, Swarthmore	SW 6-6142	Union, Music Room
Teaf, Howard M., Jr.	3 College Lane	2-4049	Whitall 9
Walker, Robert H., Jr.	4169 Leidy Ave., Phila. 4	GR 3-3230	Library 48
Wang, Yenking K.	206 Cricket Ave., Ardmore	2-8439	Observatory
Watson, Frank D.	36 Railroad Avenue	9-1035	Whitall 12
White, Gilbert F.	1 College Circle	2-4642	Roberts, 2nd fl.
Wilson, Albert H.	757 College Avenue	2-1853	
Wilson, Norman M.	23 Wellington Rd., Ardmore	2-4036	Hilles, basement
Wisner, Robert J.	739 College Avenue	2-0162	Hilles, 2nd fl.
Wonson, Gertrude M.	North House, New Gulph Rd., B.M.		Roberts, 2nd fl.
Woodroffe, Kenneth S.	1 College Circle, 3rd fl.	9-1813	Founders 305
Wylie, Laurence W.	753 College Avenue	2-4148	Library 39
Young, Barbara G.	77 Hillcrest Ave., Havertown	HI 6-4309	Whitall, Business Office

\* Indicates absence during first semester.

\*\* Indicates absence during second semester.

\*\*\* Indicates absence during whole academic year.

COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by dialing  
Midway 9-9600 unless otherwise noted

Admissions Office (Roberts Hall):

Archibald MacIntosh, Director of Admissions  
Gertrude M. Wonson, Assistant to the Director of Admissions

Alumni Office (Founders Hall): Bennett S. Cooper, Alumni Secretary and Assistant to the President

Barclay Hall, 1st Floor (Rooms 101-122) (Pay Station) Midway 2-9459

Barclay Hall, 2nd Floor (Rooms 201-222) (Pay Station) Midway 2-9508

Barclay Hall, 3rd Floor (Rooms 301-322) (Pay Station) Midway 2-9506

Biology Laboratory (Sharpless Hall): E. Dunn, A. Loewy, R. L. Conner

Bookstore (Union Hall): Pat Docherty, Manager - Barbara M. Gross

Buildings Maintenance (Whitall Hall): Ellis W. Roberts, Foreman - William Anderson, Garland Banks, Philip Daly, Alf Jansen, Arthur Kulp, Glen R. McCoury, Starling McCoury, Charles Roberts, Joseph Sinclair, Gerald Spencer, Edward Walsh

Business Office (Whitall Hall): Aldo Caselli, Comptroller and Business Manager; Bertha Ersek, Secretary; Marie Stefan, Accountant - Janet Donovan, Catherine Foster, Rose Ricci, Futh Rossi, Barbara Young.

Chase Hall: A. Scott, E. Snyder

Chemistry Laboratory: O. T. Benfey, C. Culbert, W. Meldrum, R. Rush

Dean's Office (Roberts Hall): William E. Cadbury, Jr., Dean  
Maris M. Ogden, Secretary to the Dean

Dietitian (Founders Hall): Miriam R. Nugent

Engineering Laboratory (See Hilles)

Faculty Secretarial Office (Whitall 6): Agnes C. Mahan

Founders Hall, East . . . . . (Pay Station) Midway 2-9460

Founders Hall, Dormitory . . . . . (Pay Station) Midway 2-9533

Founders Hall, Offices: H. J. Cadbury, R. C. James, C. Oakley, F. Quinn, P. Ricoeur, H. Somers, K. Woodroffe.

French House, 8 College Lane: Marcel Gutwirth, Director (Pay Station) Midway 2-9613

Grounds Maintenance (Whitall Hall): Walter Volkert, Foreman - Thomas J. Cavanaugh, Willie Lee Coley, Louis Coursey, Michael Gunther, Ben Harper, Thomas L. Henzy, George S. Hughes, Julius Latney, Edward Loomis, Perry McDaniel, Walter Muraski, John Reddan.

Gymnasium Offices: W. Docherty, Jr., A. Haddleton, R. Morsch, R. Randall, J. Gernat, Secretary

Haverford Union. . . . . (Pay Station) Midway 2-9514

Hilles Laboratory of Applied Science (Engineering): T. Hetzel, C. Holmes, N. Wilson, R. Wisner

Housekeeping (Founders Hall): Ruth Mays, Housekeeper - U. Grant Birkhead, Randolph Braxton, Charles Davis, John Elliott, Lewis Gaskins, John House, George Johnson, Fred Jordan, Samuel Lake, C. B. Plant, Pasquale Rolli, John Savage, Otha Savage, Walter Ward, Aaron Young.

Infirmary: William W. Lander, M.D.  
Henry Cornman, M.D.  
Mabel S. Beard, R.N.

Kitchen: Doris Cram, Lloyd Melton, Joseph Banks . . . . (Pay Station) Midway 2-9544

Roy Bell, William Lanier, John Latney,  
Samuel Lyons, Lloyd Melton, Harold  
Newton, William Newton, Hammett Puyear,  
Wm. Pierce, Walter Richardson, Herbert  
Robinson, Henry Roselle, Emanuel Strothers,  
Dock Young, Joseph Waters

Library: John A. Lester, Jr., Librarian

Esther Ralph and Ruth Reese, Assistant Librarians - Esther Friedrich, Else  
Goldberger, Constance Hyslop, Katherine Jordan, Marija Krasauskas,  
Suzanne Newhall, Fredericka Nolde  
Treasure Room: Thomas Drake, Curator  
Anna B. Hewitt, Assistant Curator

Offices: M. Foss, G. Friedrich, M. Gordon, M. Gutwirth, F. Haviland, H. Hornik,  
H. Hunter, J. Loewenberg, W. MacCaffrey, F. Parker, L. A. Post,  
A. Steer, R. Walker, L. Wylie.

COLLEGE OFFICE AND BUILDING TELEPHONES (Continued)

- Lloyd Hall, 4th Entry (Rooms 11 - 56) . . . . . (Pay Station) Midway 2-9520  
 Lloyd Hall, 8th Entry (Rooms 61 - 94) . . . . . (Pay Station) Midway 2-9628  
 Merion Hall. . . . . (Pay Station) Midway 2-9658  
 Merion Annex. . . . . (Pay Station) Midway 2-9561  
 Music Room (Haverford Union)  
 Observatory: Louis C. Green  
 Physics Laboratory (Sharpless Hall): T. Benham, A. Lemonick, R. Sutton  
 Placement Bureau (Founders Hall): Bennett S. Cooper, Director  
 Margery Kipping, Secretary  
 Power House: C. Chapin, Foreman . . . . . (Pay Station) Midway 2-9540  
 President's Office (Roberts Hall): Gilbert F. White, President  
 Alice M. Berry, Secretary to the President  
 Psychology Laboratory (Sharpless Hall): J. Campbell, Dr. Frederick Sharpless, Executive  
 Vice-Chairman of the Development Committee,  
 A. Pepinsky, D. Heath  
 Public Relations Office (Founders Hall):  
 News Bureau: Louise G. Oakley, Director  
 Elizabeth Raney  
 Registrar's Office (Roberts Hall): Edytha M. Carr, Registrar  
 Scull House, 521 Panmure Road, 3rd floor . . . . . (Pay Station) Midway 9-9516  
 Scull House, 521 Panmure Road, 2nd floor . . . . . (Pay Station) Midway 2-7958  
 Sharpless Hall: Biology Laboratory: E. Dunn, A. Loewy  
 Physics Laboratory: T. Benham, R. Sutton  
 Psychology Laboratory: J. Campbell, A. Pepinsky  
 Offices: H. Comfort, F. D. Comfort, J. Flight  
 Snack Bar (Union Hall Basement): Daniel B. Ely  
 Union Hall: W. Reese, A. Swan  
 Vice-President's Office (Roberts Hall): Archibald MacIntosh; Margaret Miller, Secretary  
 Whitall Hall: J. Ashmead, P. Bell, J. Cary, R. Durling, J. Kelly\*, H. Pfund\*\*,  
 I. Reid\*\*, H. Teaf, F. Watson.  
 Williams House, 500 Oakley Road: Manuel J. Asensio, Director  
 (Pay Station) Midway 2-9428  
 Yarnall House, 500 Panmure Road . . . . . (Pay Station) Midway 2-9512

COLLEGE TELEPHONE SERVICE

When there is an operator at the switchboard (9:00 a.m. to 5:00 p.m., Monday through Friday, 9:00 a.m. to 12:30 p.m. on Saturday, none Sunday) any of the offices listed below may be reached by dialing Midway 9-9600.

When there is no operator on duty, use the following telephone numbers:

- Midway 9-9600 . . . . Maintenance and Operations Office  
 Midway 9-9601 . . . . Library; Registrar  
 Midway 9-9602 . . . . Chemistry Laboratory; Physics Laboratory  
 Midway 2-7307 . . . . President's Office  
 Midway 2-5704 . . . . Admissions Office  
 Midway 2-0340 . . . . Public Relations Office  
 Midway 2-7004 . . . . Gymnasium; Infirmary

FACULTY OFFICE TELEPHONES

The offices of most of the members of the Faculty may be reached by dialing Midway 9-9600 during the hours when there is an operator at the switchboard.

CAMPUS SECURITY OFFICER

M. H. Eastburn, 2200 Sproul Road, Broomall, Penna., ELgin 6-0606  
 or call Long Distance for Mobile Operator and ask for WJ 6-4544

\* Indicates absence during first semester  
 \*\* Indicates absence during second semester

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room:

- |                       |                         |
|-----------------------|-------------------------|
| Bc for Barclay Center | L. for Lloyd Hall       |
| Bn for Barclay North  | M.A. for Merion Annex   |
| Bs for Barclay South  | M. for Merion Hall      |
| F. for Founders Hall  | S.H. for Scull House    |
| F.H. for French House | W.H. for Williams House |
|                       | Y.H. for Yarnall House  |

Name	Home Address	College Address	Private Phone
A			
ABRAMSON, Marc F. . . . .	7120 Woolston Rd., Phila. 38, Pa.	217 B	_____
ADAMS, Charles S. . . . .	12 Orchard St., Leominster, Mass.	34 L	<u>2-9305</u>
ADAMS, John F. . . . .	110 East Fell St., Summit Hill, Pa.	218 B	_____
ADAMS, M. Ian . . . . .	417 West Price St., Phila. 44, Pa.	205 B	_____
AIKEN, Paul L., Jr. . . . .	8700 Ventnor Ave., Margate City, N. J.	218 B	_____
ALBRIGHT, Gerald S. . . . .	1222 Van Steffy Ave., Wyomissing, Pa.	63 L	<u>2-4958</u>
ALBRIGHT, Jonathan P. . . . .	Box 86, Gilbert, Pa.	101 B	_____
ALLEN, Alexander C. . . . .	144 Loantaka Way, Madison, N. J.	201 B	_____
ALLEN, Harry R. . . . .	3224 W. Penn St., Phila. 29, Pa.	Day	_____
ALLEN, John J. . . . .	1202 Main St., Walpole, Mass.	52 L	_____
ALLEN, Paul R., Jr. . . . .	242 Merriam St., Weston 93, Mass.	117 B	<u>2-9184</u>
ALVORD, Robert W. . . . .	3512 Lowell St., N.W., Washington 16, D. C.	92 L	_____
AMSTERDAM, Tony . . . . .	5209 Woodbine Ave., Phila. 31, Pa.	Day	_____
ANDERSON, George M. . . . .	39 W. Montgomery Ave., Rockville, Md.	42 L	<u>2-5874</u>
APMANN, Robert P. . . . .	67 Grandview Place, Upper Montclair, N. J.	71 L	_____
ARMSTRONG, Charles S. . . . .	8117 Park Crest Drive, Silver Spring, Md.	9 M	_____
ARMSTRONG, John K. . . . .	8117 Park Crest Drive, Silver Spring, Md.	93 L	<u>2-9144</u>
ARMSTRONG, Peter H. . . . .	c/o Col. D. P. Armstrong, The Army War College, Carlisle, Pa.	42 L	<u>2-5874</u>
ARNOLD, Harris C., Jr. . . . .	1894 Eden Rd., Lancaster, Pa.	108 MA	_____
AVERNA, Vincent S. . . . .	505 Holly Rd., Yeadon, Pa.	93 L	<u>2-9144</u>
AZUMI, Koya . . . . .	617 Kichijoji, Tokyo, Japan	11 L	_____

Name	Home Address	College Address	Private Phone
B			
BAKER, James E.	734-A No. Terrace, Penn Towne Apts. Phila., Pa.	106 MA	_____
BAKER, James W.	Colonial Farms, Avondale, Pa.	414 B	<u>2-7599</u>
BAKER, T. Nelson, III	Virginia State College, Petersburg, Va.	212 B	_____
BARKER, Norman J., Jr.	122 Ardmore Ave., Ardmore, Pa.	Day	_____
BARLOW, A. Ralph	1515 Manor Ave., McKeesport, Pa.	84 L	_____
BARNERT, Nyles N.	6 Lowell Ave., West Orange, N. J.	308 B	_____
BARNHART, Calvin C.	Box 356, Newark, Del.	54 L	_____
BARR, Mason, Jr.	608 Juniper St., Falls Church, Va.	14 M	_____
BARRETT, John S.	510 Jefferson St., Pottsville, Pa.	83 L	<u>2-0824</u>
BARTON, Robert A., Jr.	4429 Warren St., N.W., Washington 16, D. C.	92 L	<u>2-9144</u>
BECKER, Mark	Clough and Newtown Rd., R. R. #1, Newtown Ohio	303 B	_____
BELASH, David C.	3 West Cedar St., Boston 8, Mass.	214 B	_____
BENJAMIN, Robert S.	34 Cliff Rd., Wellesley Hills, Mass.	310 B	_____
BENNETT, Lee C., Jr.	224 Haverford Ave., Swarthmore, Pa. Local Address: 501 Oakley Rd., Haverford, Pa.	211 B	<u>2-5539</u>
BERGER, David S.	105 College Ave., Frederick, Md.	304 B	_____
BERLIN, Cheston M., Jr.	105 Markham Dr., Pittsburgh 28, Pa.	117 B	<u>2-9184</u>
BERNSTEIN, John A.	Everglades Hotel, Miami, Fla.	319 B	_____
BERTOLET, William C.	500 Friedensburg Rd., Reading, Pa.	409 B	_____
BING, Anthony G.	92 College St., Hudson, Ohio	208 B	_____
BIRCH, James A.	1055 Colonial Dr., Youngstown, Ohio	11 F	_____
BISHOP, Samuel A. M.	935 Maltby Rd., Orlando, Fla.	91 L	<u>2-9144</u>
BLANCHARD, Eric D.	1 West 72nd St., New York 23, N. Y.	92 L	<u>2-9144</u>
BLEDSON, Theodore R.	1505 Grace Church Rd., Silver Spring, Md.	21 L	_____
BLOCK, Blaine L.	1817 Benson Dr., Dayton, Ohio	23 L	<u>9-9644</u>
BORTON, Anthony	Hidden Springs Farm, Neshanic Station, N. J.	307 B	_____
BOYER, James L.	2 Sunnyside Rd., Silver Spring, Md.		



Name	Home Address	College Address	Private Phone
BRADBEER, James B.	Moylan, Pa.	Day	_____
BRADFIELD, William S., Jr.	124 Ardmore Ave., Ardmore, Pa.	Day	_____
BRADLEY, Edward L.	17 W. Mercer Ave., Havertown, Pa.	Day	_____
BRAINARD, Charles R.	Box 65, RFD#6, Towson 4, Md.	11 L	_____
BRAKER, James A.	43 Mt. Lebanon Blvd., Pittsburgh 28, Pa.	23 L	9-9644
BROEKMAN, Han van Mourik	Windmolenweg 20, Boekelo (Or.) Netherlands	11 L	9-0423
BROUGHTON, Robert P.	46 Rocklynn Pl., Pittsburgh 28, Pa.	64 L	2-4958
BROWN, Charles V.	2nd Hill, New Milford, Conn.	12 L	9-0423
BUCK, Alfred S.	2123 Albemarle Ter., Brooklyn 26, N. Y.	320 B	_____
BUCY, James G.	5830 Stony Island Ave., Chicago 37, Ill.	16 M	_____
BUCY, Paul G.	5830 Stony Island Ave., Chicago 37, Ill.	214 B	_____
BURELBACH, Frederick M., Jr.	21 Hamilton Ave., Cranford, N. J.	43 L	2-9330
BURTON, Thomas M.	1222 16th St., N.W., Washington 6, D. C.	308 B	_____

C

CABLE, Peter G.	Chestnut Hill Rd., Wilton, Conn.	218 B	_____
CALKINS, Kenneth R.	1217 Judson Ave., Evanston, Ill.	12 M	_____
CARRAGAN, William D.	Tamarack Rd., Troy, N. Y.	34 YH	_____
CATO, John D.	356 W. 116th St., New York, N. Y.	64 L	2-4958
CAUFFIEL, Joseph J.	406 Coleman Ave., Johnstown, Pa.	94 L	2-9144
CHALLENGER, Robert C.	R.D.#2, Bridgeville, Pa.	12 M	_____
CHANGTRAKUL, Pramote	111 Prompongse Rd., Bangapi, Bangkok, Thailand Local Address: 2213 Walnut St., Phila., Pa.	Day	_____
CHARLSON, Murray T.	2915 Knowlson Ave., Pittsburgh 26, Pa.	22 F	_____
CLARK, Jonathan J.	549 Palisado Ave., Windsor, Conn.	304 B	_____
CLARK, Laurence H.	East Main St., Stockbridge, Mass.	317 B	_____
CLAVEL, Pierre	9 Rutland Rd., Scarsdale, N. Y.	41 L	9-1429
CLURMAN, Rodney H.	123 Barrett Rd., Lawrence, Long Island, N. Y.	103 MA	2-8750
COE, Donald B.	3240 Henry Hudson Pkwy., New York 63, N. Y.	56 L	_____
COHEN, Richard L.	1461 Ocean Pkwy., Brooklyn 30, N. Y.	114 MA	_____

Name	Home Address	College Address	Private Phone
COHILL, Donald F.	1416 Sunnyhill La., Havertown, Pa.	44 L	_____
CONE, Donald F.	1607 Carlisle Rd., Greensboro, N. C.	71 L	_____
CONROY, Frank	61 East 86th St., New York City, N. Y.	316 B	_____
CONTAKOS, Samuel C.	234 Union St., Johnstown, Pa. Local Address: 145 Cheswald La., Haverford Pa.	Day	<u>2-9792</u>
COOPER, Thomas A.	Valley View Dr., Huntingdon Valley, Pa.	14 L	_____
COPE, John G.	American Consulate General Navy 117, F.P.O., New York, N. Y.	61 L	<u>2-4958</u>
CORONEOS, Clive R.	Hasco, Port-au-Prince, Haiti, West Indies	23 WH	_____
COWEN, Arthur, III	33 E. 70th St., New York City, N. Y.	34 L	<u>2-9305</u>
CRANE, Donald A.	37 School Ave., Chatham, N. J.	309 B	_____
CRAWFORD, John F.	27 Bedford Rd., Pleasantville, N. Y.	207 B	_____
CRIST, Robert L.	1933 Massey Circle, South Charleston, W. V.	104 B	_____
CROASDAILE, Richard E., Jr.	Hills and Dales, Canton, Ohio	22 WH	_____

D

DANE, Henry J.	3983 48th St., Sunnyside 4, Long Island, N. Y.	306 B	_____
DANNAY, Douglas	29 Byron La., Larchmont, N. Y.	110 MA	<u>2-4979</u>
DAVIS, Hester A.	159 East Lyman Ave., Winter Park, Fla.	29 SH	<u>2-7958</u>
D'ARRIGO, Philip	408 S. 6th St., Vineland, N. J.	44 L	_____
DENSFORD, Robert W.	5710 Oxon Hill Rd., Washington 21, D. C. Local Address: 5 College Circle, Haverford, Pa.	Day	<u>2-0166</u>
DENT, Benjamin A.	Dillard University, New Orleans 22, La.	410 B	_____
DICK, John H.	37 Eleventh Ave., Haddon Heights, N. J.	42 L	<u>2-5874</u>
DINGE, Richard F.	Crum Creek & Farnum Rds., RD#3, Media, Pa.	Day	_____
DIXON, John E.	Belle Mead, N. J.	62 L	<u>2-4958</u>
DOHERTY, William P., Jr.	135 Broad St., Bridgeton, N. J.	74 L	<u>9-0529</u>
DONHAM, Michael B.	Pines La., Chappaqua, N. Y.	81 L	_____
DORSEY, David F., Jr.	5530 Thompson St., Phila. 31, Pa.	113 MA	_____
DOUGLAS, Walter B.	3427 Oakwood Terrace, N.W., Washington 10, D. C.	62 L	<u>2-4958</u>
DUFF, Stewart M.	204 Lexington Ave., Pittsburgh 15, Pa.	115 B	<u>2-2830</u>

Name	Home Address	College Address	Private Phone
DUNGAN, Jon R.	44 Willow St., Plymouth, Pa.	322 B	_____
DUTTENHOFER, Franklin H.	7224 Hilltop Rd., Upper Darby, Pa.	Day	_____

E

ELDRIDGE, Roswell	Rensselaerville, Albany Co., N. Y.	202 B	_____
ELLIS, David W.	Taylor Highlands, Huntingdon, Pa.	206 B	_____
ELLISON, George H.	Cutler Rd., Hamilton, Mass.	307 B	_____
EVANS, Franklin	635 Manatawna Ave., Phila. 28, Pa.	5 F	_____
EWEN, Leslie A.	Hamilton La., Darien, Conn.	103 B	_____
EYSTER, A. Daniel	Seven Valleys, Pa.	210 B	_____

F

FAIRFIELD, Edward S.	22 S. Illinois Ave., Apt. 3A, Atlantic City, N. J.	14 L	_____
FARRELL, Henry M.	151 Harvard Ave., Rockville Centre, N. Y.	12 L	<u>9-0423</u>
FEICK, M. Mather	4400 Q St., N.W., Washington 7, D. C.	6 M	_____
FERGUSON, Lawrence C.	1 Fred Mason Rd., Cheshire, Mass.	14 L	_____
FETTUS, George H.	116 N. Sumner Ave., Margate, N. J.	413 B	_____
FLINT, John B.	Half-Mile Common, RD#5, Westport, Conn.	41 L	<u>9-1429</u>
FOGEL, Michael R.	11 Manhattan Ave., Crestwood, N. Y.	210 B	_____
FORMAN, Marc A.	2201 S. 22nd St., Phila. 45, Pa.	Day	_____
FORMAN, Phillip M.	646 Kelton Ave., Columbur 5, Ohio	215 B	_____
FORMAN, Richard T.	Lombardy Orchard, Easton, Md.	63 L	<u>2-4958</u>
FOSTER, Roger S., Jr.	3420 34th St., N.W., Washington 8, D. C.	61 L	<u>2-4958</u>
FOULKE, David S.	111 Forest Ave., Ambler Pa.	32 WH	_____
FRANCIS, James B., Jr.	219 Broughton La., Villanova, Pa.	Day	_____
FRANKE, Otto L.	2905 Guilford Ave., Baltimore 18, Md.	13 L	<u>9-0423</u>
FREEDMAN, Irwin S.	5646 Beaumont St., Phila. 43, Pa.	Day	_____
FREEDMAN, Mark B.	423 E. Allen's La., Phila. 19, Pa.	72 L	_____
FREEMAN, Harvey A.	24 South St., Middlebury, Vt.	84 L	_____
FREY, Alexander H., Jr.	King of Prussia Rd., Radnor, Pa.	13 L	<u>9-0423</u>

Name	Home Address	College Address	Private Phone
FRIEDMAN, Burton	5326 Berks St., Phila. 31, Pa.	Day	_____
FRIEDMAN, Harold	24 S. Merion Ave., Bryn Mawr, Pa.	17 F	_____
FULLER, Richard S.	Box 175, Central Square, N. Y.	109 MA	_____

G

GAGE, Robert J.	5930 N. 11th St., Phila. 41, Pa.	Day	_____
GALLAGER, Laurence R.	429 Drury La., Baltimore 29, Md.	311 B	_____
GALLANT, Jonathan A.	309 Packman Ave., Mount Vernon, N. Y.	34 YH	_____
GARVER, Thomas H.	3501 E. 3rd St., Duluth 4, Minn.	5 M	_____
GEIST, Kenneth L.	#145 Central Park West, New York 23, N. Y.	306 B	_____
GELSER, Leigh M.	245 Milton Rd., Rye, N. Y.	120 B	_____
GETTY, Carl J.	464 Brookhurst Ave., Narberth, Pa.	Day	_____
GIBSON, David J.	RD#3, Bradford, Pa.	210 B	_____
GIBSON, Seth	USOM - Iran, APO #205 c/o Postmaster, New York, N. Y.	32 L	<u>2-9713</u>
GOLD, Allan	939 W. Roosevelt Blvd., Phila. 40, Pa.	306 B	_____
GOLDFINGER, Alexander M., Jr.	469 Elizabeth Ave., Newark 8, N. J.	9 FH	<u>2-4614</u>
GOODKIND, Thomas B.	43 Mayhew Ave., Larchmont, N. Y.	74 L	<u>9-0529</u>
GOODMAN, Gerald S.	400 West End Ave., New York, N. Y.	13 L	<u>9-0423</u>
GOODMAN, Jay S.	3310 Egerton Rd., Baltimore 15, Md.	22 L	_____
GOULD, John H.	14 Prospect St., Winchester, Mass.	72 L	_____
GRAY, George W.	2352 Grant Ave., Cuyahoga Falls, Ohio	22 WH	_____
GRAY, John H., III	25 Lenox Ave., Bronxville, N. Y.	412 B	_____
GREEN, Joseph E., III	274 Wilson St., Carlisle, Pa.	72 L	_____
GREENBERG, Marshall G.	4759 N. Avers Ave., Chicago, Ill.	43 L	<u>2-9330</u>
GREENE, David G. S.	Box #1046, Alfred, N. Y.	122 B	_____
GREENLEAF, Newcomb	27 Woodcrest Ave., Short Hills, N. J.	310 B	_____
GREER, Robert B., III	RD#1, Renfrew, Pa.	83 L	<u>2-0824</u>
GROFF, Diller B., III	3726 Harrison St., N.W., Washington 15, D. C.	309 B	_____
GROSSBLATT, Norman	57 Whiteoak Dr., South Orange, N. J.	82 L	<u>2-2748</u>

Name	Home Address	College Address	Private Phone
GRUBER, John B.	308 Hockersville Rd., Hershey, Pa.	109 B	_____
GUNSTER, Gerald D.	9 Lee Park Ave., Wilkes-Barre, Pa.	305 B	_____
GUNTHER, Michael A.	Darmstadt 2 Land, Kolonie Trautheim, Germany	37 SH	_____

### H

HABERLAND, Paul M.	2386 N. Terrace Ave., Milwaukee 11, Wis.	32 YH	_____
HAKANSON, Tore E. G.	Helmfeltsgaten 5B, Malmö, Sweden	34A SH	_____
HALL, Winfield S.	3136 Wisconsin Ave., Berwyn, Ill.	31 L	_____
HALSTEAD, Dirck S.	Baldwin Rd., Mt. Kisco, N. Y.	305 B	_____
HAMBURGER, Henry L.	101 Brightside Ave., Pikesville 8, Md.	33 L	<u>2-5865</u>
HAMESTER, Hans L.	34 E. Benedict Ave., Havertown, Pa.	Day	_____
HAMILTON, Kenneth G.	79 Highland Ave., Short Hills, N. J.	92 L	<u>2-9144</u>
HANSON, John P.	201 Haines St., Newark, Del.	209 B	<u>2-5539</u>
HARDY, Richard D.	RFD#1, Salisbury, Conn. Local Address: 637 Montgomery Ave., Bryn Mawr, Pa.	Day	_____
HARDY, Roger B.	18461 Puritan, Detroit 23, Mich.	220 B	_____
HARKINS, John J.	945 Herbert St., Phila. Pa.	107 B	<u>2-0438</u>
HARPER, David H.	191 Race St., Denver 6, Colo. Local Address: 432 Montgomery Ave., Haverford, Pa.	Day	<u>MI 2-3218</u>
HARRIS, Daniel E.	Box 33, Hartford, Pa.	74 L	_____
HARRIS, E. Berkeley	459 W. 24th St., New York City, N. Y.	102 MA	_____
HARRISON, Eric J.	1126 Greentree Rd., Pittsburgh 20, Pa.	208 B	_____
HART, Benson H.	298 Aurora Rd., Hudson, Ohio	112 B	_____
HARTMANN, Lawrence M.	1150 5th Ave., N.Y.C. 28, N. Y.	206 B	_____
HARVEY, Thomas B.	King of Prussia Rd., Radnor, Pa.	410 B	_____
HARVEY, William B.	532 Avonwood Rd., Haverford, Pa.	Day	_____
HAVILAND, Paul R., Jr.	45 Lincoln Ave., Lansdowne, Pa.	412 B	_____
HAWKINS, John R.	118 Common St., Walpole, Mass.	8 F	<u>2-6519</u>
HAYAKAWA, Ichiya	c/o Oono, 2058 Minamikase, Kawasaki-shi Kanagawa-ken, Japan	31 SH	_____

Name	Home Address	College Address	Private Phone
HAYNES, William G.	4204 Princeton Ave., Phila. 35, Pa.	Day	_____
HAZELTON, Pierce C.	475 Churchill Rd., West Englewood, N. J.	17 M	_____
HECHT, Warren B.	60 Pershing Ave., Elizabeth, N. J.	215 B	_____
HEEG, Michael M.	68-10 108th St., Forest Hills, L. I., N. Y.	61 L	<u>2-4958</u>
HELMSTADTER, Thomas H.	2145 Duquesne Ave., McKeesport, Pa.	41 L	<u>9-1429</u>
HENDERSON, Rolland H.	Paullina, Iowa	110 B	<u>2-6893</u>
HENSEL, David B.	5566 15th St., N., Arlington 5, Va.	18 F	_____
HILL, Horatio S.	137 W. 142nd St., New York 30, N. Y.	302 B	_____
HILL, Norman S.	43 Passaic Ave., Summit, N. J.	213 B	<u>2-5539</u>
HILL, Richard M.	Wayland Rd., Sudbury, Mass.	315 B	_____
HILSENRAD, Margit	3/4 Kleine Pfarrgasse, Vienna 2, Austria	24 SH	_____
HINSHAW, Robert E.	Gonic, N. H. Local Address: 268 Montgomer Ave., Haverford, Pa.	Day	_____
HIRSS, Andris M.	159 Singleton St., Woonsocket, R. I.	43 L	<u>2-9330</u>
HITZROT, Henry W., Jr.	S. Compo Rd., Westport, Conn.	8 F	<u>2-6519</u>
HOAG, Joseph H. S.	251 Harrogate Rd., Penn Wynne, Phila. 31, Pa.	6 F	_____
HODGE, Paul M.	Norristown Rd., Maple Glen, Pa.	15 F	_____
HODGES, Samuel J.	Drawer 920, Lynchburg, Va.	33 YH	_____
HOGENAUER, David E.	648 King St., Port Chester, N. Y.	53 L	<u>2-2998</u>
HOLMES, James D.	2843 Allendale Pl. N.W., Washington 8, D. C.	305 B	_____
HOOVER, Henry B., Jr.	Trapelo Rd., South Lincoln, Mass.	106 B	<u>9-1594</u>
HOPKINS, Johns W.	Darlington, Md.	63 L	<u>2-4958</u>
HOPKINS, P. Donald	11 North Jackson Ave., Wenonah, N. J.	116 B	<u>2-2163</u>
HOPPER, Robert J.	77 Kensington Park, Arlington 74, Mass.	71 L	_____
HOPPIN, Nicholas	131 E. 94th St., New York 28, N. Y.	203 B	_____
HORAN, David E.	46 Country Club Rd., Melrose 76, Mass.	24 YH	_____
HORNBECK, Richard S.	14 Sutton Place South, New York 22, N. Y.	6 M	_____
HORNER, Joseph L.	250 Conway St., Carlisle, Pa.	21 F	_____
HUDSON, Floyd E.	109 Rehoboth Ave., Rehoboth Beach, Del.	116 B	<u>2-2163</u>

Name	Home Address	College Address	Private Phone
HUME, Ann T.	2 Montague Terrace, Brooklyn, N. Y.	27 SH	_____
HUMPHREYS, Marvin W.	4508-38th St., N.W., Washington 16, D. C.	11 M	_____
HUNT, Peter T.	464 6th Ave., New York 11, N. Y.	206 B	_____
HUNT, Robert W.	5404 Kimbark Ave., Chicago 15, Ill.	4 FH	_____
HUNTER, Allan A., Jr.	1937 Myra Ave., Los Angeles 27, Calif.	31 L	_____
HURCHALLA, George	Yost Rd., RD#3, Norristown, Pa.	310 B	_____
HURD, Christopher, W., Jr.	Upland Fields Rd., Lincoln, Mass.	213 B	<u>2-5539</u>

I

INNES, Bruce J. M.	1345 Crofton Rd., Baltimore 12, Md.	51 L	_____
IRIYE, Akira	332,3-chome, Narimune, Suginami-ku, Tokyo, Japan	110 B	<u>2-6893</u>
IFVINE, Robert A.	617 Williamson Rd., Bryn Mawr, Pa.	Day	_____
ISAY, Richard A.	1230 Squirrel Hill Ave., Pittsburgh 17, Pa.	83 L	<u>2-0824</u>

J

JAECKEL, Ralph	148 East Philadelphia St., York, Pa.	116 MA	_____
JOHNSON, M. Alanson, II	1425 Market St., Lewisburg, Pa.	55 L	<u>9-0729</u>
JOHNSON, Myles A.	2860 Lafayette Ave., New York City 65, N. Y.	207 B	_____
JOHNSON, Otis S.	39 Kirkland St., Cambridge 38, Mass.	64 L	<u>2-4958</u>
JOHNSON, Richard M.	714 2nd St., S., Kirkland, Wash.	43 L	<u>2-9330</u>
JOHNSON, Stanley B.	24 Ravine Rd., Wellesley Hills, Mass.	106 B	<u>9-1594</u>
JOHNSTON, Jamie H.	6909 1/2 Bonita Terrace, Hollywood 28, Calif.	316 B	_____
JONES, Everett L., III	111-1/2 S. Main St., Federalsburg, Md.	116 B	<u>2-2163</u>
JORDAN, John S., Jr.	5000 Bates Rd., N.E., Washington 11, D. C. Local Address: c/o Mrs. Arthur W. Palmer County Line Rd. & Buck La., Haverford, Pa.	Day	_____
JOSLYN, Allen S.	326 N. Grove St., Lock Haven, Pa.	11 M	_____
JOYCE, Thomas J., Jr.	557 E. Gates St., Phila. 28, Pa.	Day	_____
JUDD, Stuart E., Jr.	East Side Rd., Woodbury, Conn.	83 L	<u>2-0824</u>
JUDOVIICH, Joel I.	2006 Delancey Place, Phila. 3, Pa.	203 B	_____

Name	Home Address	College Address	Private Phone
<b>K</b>			
KABACK, H. Ronald	8401 Germantown Ave., Phila. 7, Pa.	203 B	_____
KAHN, Stephen J.	376 Bleecker St., New York 10, N. Y.	Day	_____
	Local Address: 605 Railroad Ave., Haverford, Pa.		
KALEN, Norman L.	Apartado 1561, Caracas, Venezuela, S. A.	23 WH	_____
KANTER, Ira E.	73 Sheffield Rd., Newtonville, Mass.	53 L	<u>2-2998</u>
KEELEY, George P.	7110 Louise Rd., Phila. 38, Pa.	94 L	<u>2-9144</u>
KELLY, Richard M.	Westtown School, Westtown, Pa.	105 B	_____
KEMMERER, John L.	Residence Park, Palmerton, Pa.	4 F	_____
KEPNER, Chase D.	Millersville RD#6, Box 1134, Lancaster, Pa.	56 L	_____
KERN, Donald E.	Washington La., Huntingdon Valley, Pa.	107 MA	_____
KERR, Douglas S.	c/o Mr. P. C. Jessup, Jr., 2025 Shore Blvd., Long Island City 5, N. Y.	205 B	_____
KILPATRICK, Robert W.	707 N. W. 20th St., Gainesville, Fla.	109 B	_____
KIRBY, Edwin J., Jr.	1711 E. 32nd St., Baltimore 18, Md.	32 YH	_____
KLEIN, Arthur	The Cottage, Harcum Jr. College, Bryn Mawr, Pa.	3 F	<u>2-6616</u>
KLINMAN, Jerry	302 Calvert Rd., Merion, Pa.	Day	_____
KLINMAN, Norman R.	302 Calvert Rd., Merion, Pa.	Day	_____
KLOTS, Cornelius E.	215 Young Ave., Pelham, N. Y.	54 L	_____
KNIGHT, Charles A.	410 Ridge Rd., Middletown, Conn.	314 B	_____
KNOWLTON, Stephen B., Jr.	126 Sharon Ave., Sharon Hill, Pa.	Day	_____
KOCH, Heinz F.	3026 Cheltenham Ave., Phila. 19, Pa.	Day	_____
KOSKOFF, Eric G.	5500 Hobart St., Pittsburgh 17, Pa.	317 B	_____
KRAUSE, Robert L.	113 Beverly Rd., Phila. 31, Pa.	308 B	_____
KRAVIS, Gary I.	218 Stoneway La., Merion, Pa.	Day	_____
KREISHER, John H.	561 Topping Hill Rd., Westfield, N. J.	Day	_____
	Local Address: 33 Glenbrook Rd., Ardmore, Pa.		
KUMMER, Theodore G.	Carversville, Pa.	Day	_____
	Local Address: #3 College Circle, Haverford, Pa.		
KUNZ, Earl N., Jr.	7615 Rockwell Ave., Phila. 11, Pa.	316 B	_____
KURKJIAN, Ernest	1617 Race St., Phila. 3, Pa.	Day	_____



Name	Home Address	College Address	Private Phone
KURZMAN, Harold P., Jr.	1035 5th Ave., New York 28, N. Y.	10 FH	_____
KUSHNER, David A.	29 Bryn Mawr Ave., Bala-Cynwyd, Pa.	64 L	<u>2-4958</u>

L

LACHMAN, Alan B.	5420 Connecticut Ave., N.W., Washington 15, D. C.	7 F	_____
LADENBURG, Thomas J.	69 Oakland Ave., Tuckahoe, N. Y.	118 B	_____
LANE, Charles B.	120 Kingwood Park, Poughkeepsie, N. Y.	73 L	<u>9-0529</u>
LANGSAM, Walter E.	300 Carlisle St., Gettysburg, Pa.	31 L	_____
LEEDS, Robert W., Jr.	46 Righters Mill Rd., Narberth, Pa.	Day	_____
LENFEST, David S.	Waldoboro, Me.	303 B	_____
LETCHER, John H.	Rockdale Addition, Miami, Okla. Local Address: 5 College Circle, Haverford, Pa.	Day	_____
LEVIN, Joel M.	301 W. Tabor Rd., Phila. 20, Pa.	217 B	_____
LEWIS, Robert P.	25 Plaza St., Brooklyn 17, N. Y.	8 FH	_____
LINDEMAN, Robert J.	227 E. 3rd St., Waynesboro, Pa.	209 B	<u>2-5539</u>
LONG, William H., III	5200 Wesley Ave., Baltimore 7, Md.	94 L	<u>2-9144</u>
LUBIN, Jack.	5316 Delancey St., Phila. 43, Pa.	Day	_____
LUTHERER, Lorenz O.	RFD#4, Chagrin Falls, Ohio	10 FH	_____

M

MACK, Charles S.	246 W. Upsal St., Phila. 19, Pa.	114 B	_____
MACKENZIE, John R.	104 D-1 Charles Dr., Bryn Mawr, Pa.	Day	_____
MacKOWN, Craig	40 Robin Rd., West Hartford, Conn.	33 L	<u>2-5865</u>
MACON, Edwin J.	Timberlake Dr., Rt. 3, Knoxville, Tenn.	105 B	_____
MADDOCK, Thomas, II	River Rd., Trenton 8, N. J.	22 YH	_____
MAIDEN, Don R.	8801 Crefeld St., Phila. 18, Pa.	Day	_____
MALANI, Chandru	c/o Beauforts & Co., 35 Churchgate St., Bombay, India	111 MA	_____
MANCHESTER, C. B. Ray	5365 Wissahickon Ave., Phila. 44, Pa.	Day	_____
MANDELL, Morton S.	475 Warick Rd., Wynnewood, Pa.	82 L	<u>2-2748</u>
MANHEIM, Anthony A.	912 Fifth Ave., New York, N. Y.	220 B	_____

Name	Home Address	College Address	Private Phone
MANN, Harold M.	126 E. Riverbank, Beverly, N. J.	73 L	9-0529
MAREK, Richard W.	151 Central Park, W., New York City, N. Y.	122 M	
MARQUARDT, John F.	5830 Stony Island Ave., Chicago 37, Ill.	34b SH	2-2871
MARTENIS, Thomas W.	RFD#4, Elkton, Md.	44 L	
MASLAND, William S.	42 Summit St., Phila. 18, Pa.	51 L	
MASTERSON, Robert D.	c/o Mr. T. G. Masterson, Morgan Hotel, Ft. Myers, Fla.	12 L	9-0423
MATLACK, Louis R.	101 Colonial Ave., Moorestown, N. J.	21 L	
MAZUREK, Stanley	3426 E. Edgemont St., Phila. 34, Pa.	14 M	
McCANDLESS, Richard L.	Beechwood Blvd., M.R. #10, Butler, Pa.	55 L	9-0729
McCANDLESS, Richard L.	c/o H. V. Douglas, State Rd., N. C.	14 F	
McDONALD, John G.	126 S. Van Buren St., Rockville, Md.	56 L	
McDOWELL, Robin S.	895 Riverton Terrace, Stratford, Conn.	72 L	
McLEAN, Arthur M.	36 Sherman Ave., Dobbs Ferry, N. Y.	21f F	
McMASTERS, James L.	Box 700, Havana, Cuba	31 WH	2-7738
MEAD, Donald C.	11 Horseguard Lane, Scarsdale, N. Y.	22 L	
MEAKER, Douglas W.	166 Sandy Valley Rd., Dedham, Mass. Local Address: c/o Holland Hunter, Woodside Cottage, Haverford, Pa.	Day	
MEDSGER, Thomas A., Jr.	213 Mitchell La., Edgeworth, Sewickley, Pa.	318 B	2-8863
MELCHER, William D. L.	Old Conestoga Rd., Malvern RD#1, Pa.	Day	
MERRILL, Nathaniel S.	20 Pine St., Exeter, N. H. Local Address: Woodside Cottage, Haverford, Pa.	Day	
MEYER, Jean C.	The Grange, Scarborough, N. Y.	8 FH	
MEZGER, Erik B.	Oak Hill Farm, Henderson Rd., Bridgeport, Pa.	Day	
MICHAEL, John R.	105 Lansdowne Court, Lansdowne, Pa.	Day	
MIKHAIL, John H.	Ramallah, Jordan	73 L	9-0529
MILAM, Lorenzo W.	1894 Edgewood Ave., Jacksonville 5, Fla.	115 B	2-2830
MILLER, Edward W., Jr.	430 E. 65th St., New York 21, N. Y.	7 F	
MILLER, Louis H.	3817 Menlo Dr., Baltimore 15, Md.	122 MA	
MINNICH, Edward L., Jr.	106 Mooreland Ave., Carlisle, Pa.	24 YH	

Name	Home Address	College Address	Private Phone
MOHR, Jay	1322 Oakwood Court, Lynchburg, Va.	103 B	_____
MONKEMEYER, J. Shenton	84 - 21 Chapin Parkway, Jamaica 32, N. Y.	10 M	_____
MONROE, Richard C.	116 Castlewood Rd., Baltimore 10, Md.	84 L	_____
MONTGOMERY, J. Langford, Jr.	23 Lexington Ave., Pitman, N. J.	314 B	_____
MOODY, James P., Jr.	c/o B. Stetter, Sleepy Hollow Rd., Briarcliff Manor, N. Y.	7 FH	_____
MORROW, Grant, III	15 Canterbury Rd., Pittsburgh 2, Pa.	23 L	<u>9-9644</u>
MOSES, Sanford H., Jr.	8 Prospect St., Winchester, Mass.	34 L	<u>2-9305</u>
MOSS, Urban H., Jr.	5006 Blythewood Rd., Baltimore 10, Md. Local Address: 785 College Ave., Haverford, Pa.	Day	<u>2-5874</u>
MOSS, William W.	704 Powell St., Williamsburg, Va. Local Address: 5 College Circle, Haverford, Pa.	Day	_____
MURRAY, William M.	Camp Hill RD#1, Pa.	9 FH	<u>2-4614</u>
MUSSER, Harold E., Jr.	P.O. Box 246 or Parsons Hill, Somerset, Pa.	22 YH	_____
MUSSER, John H.	Box 116, Mount Joy, Pa.	8 M	_____

N

NAUMAN, Daniel W.	549 Virginia Ave., Havertown, Pa.	Day	_____
NEIMARK, Paul G.	5124 Hyde Park Blvd., Chicago 15, Ill.	2 F	_____
NEUHAUS, Charles F.	P. O. Box 451, Ventura, Calif.	63 L	<u>2-4958</u>
NEWMEYER, William L., III	1245 Josephine St., (Apt. 10) Denver 6, Colo.	409 B	_____
NICKEL, Paul E.	5133 Fenton Rd., Flint, Mich.	13 M	_____
NOBLE, Jay A.	1272 Clove Rd., Staten Island 1, N. Y.	82 L	<u>2-2748</u>
NOLTE, Kemble P.	607 E. Belle Ave., Milwaukee, Wis.	207 B	_____
NOWLIS, David P.	900 Highland Ave., Rochester 20, N. Y.	6 FH	_____
NOYES, Robert W.	23 Fernwood Place, Mt. Lakes, N. J.	81 L	_____

O

O'BRIEN, Robert R.	12 Nelson St., Framingham, Mass.	32 SH	_____
ORTMAN, H. William	6644 Boyer St., Phila. 19, Pa.	52 L	_____
OSLER, John H., III	717 Belmont Ave., Collingswood, N. J.	52 L	_____

Name	Home Address	College Address	Private Phone
P			
PACKARD, William M.	156 E. 79th St., New York 21, N. Y.	24 L	<u>9-9064</u>
PAINE, Lincoln D.	300 Hammond St., Chestnut Hill, Mass.	414 B	<u>2-7599</u>
PANKEN, Peter M.	915 West End Ave., New York 25, N. Y.	113 B	<u>2-0323</u>
PARKER, Daniel E.	40 W. Oak St., Ramsey, N. J.	6 FH	_____
PARKER, Garth	1001 Black Rock Rd., "Sunset View" Gladwyne, Pa.	61 L	<u>2-4958</u>
PATT, Robert F.	8301 Cadwalader Rd., Elkins Park, Pa.	20 F	_____
PAUL, David T.	540 E. Graver's La., Phila. 18, Pa.	Day	_____
PEARSON, Bruce F.	Old Chalfont Rd., Fricks, Pa.	7 FH	_____
PENICK, Theodore G.	245 Washington Ave., Chatham, N. J.	91 L	<u>2-9144</u>
PENNELL, Franklin H., Jr.	Spencer Rd., Ivyland, Pa.	31 YH	_____
PEPPER, William, Jr.	20 E. Bells Mill Rd., Phila. 18, Pa.	32 L	<u>2-9713</u>
PERERA, John B.	9 Hathaway Rd., Scarsdale, N. Y.	32 L	_____
PFALTZ, John L.	10 Windermere Terrace, Short Hills, N. J.	22 L	_____
PHELPS, Paulding	11 West Chestnut Ave., Phila. 18, Pa.	24 L	<u>9-9064</u>
PHILLIPS, Harvey E.	67 Petersville Rd., New Rochelle, N. Y.	4 M	_____
PINE, Edward H.	11-18 Fairhaven Place, Fair Lawn, N. J.	113 B	<u>2-0323</u>
PLASS, Neil W.	601 Clyde St., Apt. 7, Pittsburgh 13, Pa.	21 L	_____
PLATENIUS, Peter H.	Casilla 247, Santa Cruz, Bolivia, S. A.	211 B	<u>2-5539</u>
PLATT, Hermann K.	Lurgan Rd., New Hope, Pa.	107 B	<u>2-0438</u>
POTTER, David	816 S. 47th St., Phila. 43, Pa.	51 L	_____
PRATT, Robert G.	144 Ardmore Ave., Haddonfield, N. J.	108 B	<u>2-8750</u>
PRICE, Hollis F., Jr.	825 Walker Ave., Memphis 6, Tenn.	212 B	_____
PRICE, Leighton A.	"Fairmeadows" RFD#3, Centerdale 11, R. I.	4 M	_____
PRICE, Robert B., Jr.	5118 Kanawha Ave., Charleston 4, W. Va.	14 L	_____

R

RALPH, Boyd G.	Washington & Jefferson Sts., Gastonville, Pa.	119 B	_____
RANDALL, Mark H.	Haverford College, Haverford, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
RAPER, Harrison C.	Route 2, Vienna, Va.	17 M	_____
RAUCH, Richard M.	227 South St., Harrisburg, Pa.	119 B	_____
READ, Robert E.	208 Hamilton Rd., Ridgewood, N. J.	53 L	<u>2-2998</u>
REEVES, Francis B.	Blue Bell, Pa.	33 L	<u>2-5865</u>
REHMEYER, Richard C.	647 N. Hawthorne St., York, Pa.	41 L	<u>9-1429</u>
REGAN, Theodore M., Jr.	7001 Andrews Ave., Phila. 38, Pa.	44 L	_____
REILL, James H.	543 Country Club La., Havertown, Pa.	Day	_____
REMSBERG, Elva Mahala	Middletown, Md.	23 SH	_____
RENKEN, Fritz G.	1611 Harris Rd., Phila. 18, Pa.	Day	_____
RENNER, Peter M.	35 Freemont Drive, Tuscaloosa, Ala.	215 B	_____
RHOADS, John B.	101 Paxtang Ave., Paxtang, Harrisburg, Pa.	31 L	_____
RICE, Daniel H., III	47 Laconia Rd., Worcester 9, Mass.	Day	_____
RIDGEWAY, Robert G.	425 W. Chelton Ave., Phila. 44, Pa.	Day	_____
RICHARDSON, H. Burt, Jr.	131 Pennington Ave., Passaic, N. J.	118 B	_____
RIEGL, Jan A.	6201 5th Ave., Apt. 3-B, Pittsburgh 32, Pa.	4 F	_____
RIVERS, Richard D.	49 S. Franklin St., Wilkes-Barre, Pa.	101 MA	_____
ROBINSON, Douglas C.	55 Coniston Ave., Waterbury, Conn.	216 B	_____
ROBINSON, Raymond B.	12 Cooper La., Larchmont, N. Y.	216 B	_____
ROCKWELL, Peter B.	P.O. Box 31, Stockbridge, Mass.	318 B	<u>2-8863</u>
RODEWALD, Paul G., Jr.	508 Edgerton Place, Pittsburgh 8, Pa.	219 B	_____
ROLOFF, Michael W.	153 Columbia Hts., Brooklyn, N. Y.	7 M	_____
ROSENBERGER, Peter B.	RD#8, New Castle, Pa.	33 L	<u>2-5865</u>
RUPPENTHAL, C. Robert, Jr.	405 Glenway Rd., Erdenheim, Phila. 18, Pa.	73 L	<u>9-0529</u>

S

SANGREE, M. Huyett, Jr.	118 Paramount Pkwy., Kenmore 17, N. Y. Local Address: 742 College Ave., Haverford, Pa.	Day	_____
SANSON, Ralph C., Jr.	25 - 65th Place, Long Beach 3, Calif.	313 B	_____
SARNOFF, Stephen B.	4201 Massachusetts Ave., N.W., Washington, D. C.	7 M	_____
SAYLES, William A.	10 Longwood Dr., Wayne, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
SCHATANOFF, David	New Freedom, York Co., Pa.	21 YH	_____
SCHATANOFF, Joseph	Main St., New Freedom, York Co., Pa.	115 MA	_____
SCHERER, Edward U.	349 Allegheny St., Jersey Shore, Pa.	222 B	_____
SCHOONOVER, Eric T.	The American University, Cairo, Egypt	317 B	_____
SCHOTT, John R.	15 Benjamin West Ave., Swarthmore, Pa.	12 L	9-0423
SCHRAMM, Richard E.	724 Price St., West Chester, Pa.	315 B	_____
SCHULTHEIS, Carl F.	2090 Oakmont Ave., Havertown, Pa.	Day	_____
SCHUMPERT, O. Lamar, Jr.	Central Presbyterian Church, 7th & Mulberry Sts., Terre Houe, Ind.	320 B	_____
SCHWARTZ, Robert G.	1104 Muhlenberg Ave., Swarthmore, Pa.	54 L	_____
SCHWENTKER, Frederic N.	209 Tunbridge Rd., Baltimore 12, Md.	413 B	_____
SCOTT, Alexander F., Jr.	1950 Plymouth St., Phila. 38, Pa.	102 B	_____
SEAVER, David B.	1191 Stanyan Ave., San Francisco 17, Calif.	82 L	2-2748
SEAVER, Paul S.	1191 Stanyan St., San Francisco, Calif.	24 L	9-9064
SEELEY, Robert A.	878 Central Ave., Hammonton, N. J.	32 L	2-9713
SEMANS, H. Stark	350 Woodbine Ave., Penn Valley, Pa.	13 F	_____
SHAW, Herbert W.	104-31 124th St., Richmond Hill 19, L. I., N. Y.	93 L	2-9144
SHEDD, Gordon M.	201 Poplar Ave., Wayne, Pa.	Day	_____
SHULTZ, Robert L.	No. 6, Crab Apple La., Rockford, Ill.	108 B	2-8750
SIEVERTS, Steven H.	200 Main St., Riverton, N. J.	112 MA	_____
SLAVIN, Frances	5 Tudor City Place, New York, N. Y.	21 SH	_____
SMITH, Earl J.	333 E. Lincoln Ave., New Castle, Pa.	120 B	_____
SMITH, Michael E.	246 Western Ave., Gloucester, Mass.	24 L	9-9064
SOTOMAYOR, Guy G.	2 South Drive, Roslyn, N. Y.	34 WH	_____
SPEICHER, John K., Jr.	270 Orchard Rd., Newark, Del.	8 M	_____
SQUIRES, Edward C.	818 Youngsford Rd., Gladwyne, Pa.	105 B	_____
STEELE, Thomas H.	206 Euclid Ave., New Castle, Pa.	114 B	_____
STEERE, Geoffrey H.	505 Wayne Ave., Waynesboro, Va.	34b SH	2-2871
STEPHENS, John M.	Concord Pike & Silverside Rd., RD#2, Wilmington, Del.	14 M	_____

Name	Home Address	College Address	Private Phone
STEVENS, Edward J., III	14250 Bustleton Pike, Phila. 16, Pa.	34 L	<u>2-9305</u>
STINE, William D.	2116 Allen St., Allentown, Pa.	7a F	_____
STOVER, Donald O.	5801 Bahama Shores Dr., St. Petersburg, Fla.	117 B	<u>2-9184</u>
STROTBECK, John M.	122 N. Rumson Ave., Margate City, N. J.	91 L	<u>2-9144</u>
SUPPLEE, John G.	45 Woodland Ave., Glen Ridge, N. J.	62 L	<u>2-4958</u>
SUTTON, David C.	785 College Ave., Haverford, Pa.	13 L	_____
SWIFT, Daniel W.	160 Maskwonicut St., Sharon, Mass.	216 B	_____
SWINTON, Neil W., Jr.	41 Wamesit Rd., Waban 68, Mass.	93 L	<u>2-9144</u>

T

TANNENBAUM, Kenneth A.	103 Wilklow Ave., Hempstead, N. Y.	21 YH	_____
TAWELL, Arthur L.	Stuart Lane, Woods Hole, Mass.	15 M	_____
THOMAS, Charles H., Jr.	3936 Grant Ave., Phila. 14, Pa.	318 B	<u>2-8863</u>
THOMAS, E. J. Baylis	40 Rockglen Rd., Phila. 31, Pa.	Day	_____
THOMAS, Henry M., III	314 Overhill Rd., Baltimore 10, Md.	81 L	_____
THOMAS, John W.	RD#1, Ringoes, N. J.	23 L	<u>9-9644</u>
THOMPSON, Edward J., Jr.	911 Presqueisle St., Philipsburg, Pa.	19 F	_____
TILLEY, Jon P.	1402 E. Patterson Ave., Kirksville, Miss.	219 B	_____
TODD, Richard H., Jr.	29 Kalorama Circle, N.W., Washington 8, D. C.	307 B	_____
TOGASAKI, Robert K.	1848 Buchanan St., San Francisco, Calif.	118 B	_____
TORG, Joseph S.	1324 Medary Ave., Phila. 41, Pa.	94 L	<u>2-9144</u>
TRAUT, Robert R.	747 Santa Clara Ave., Claremont, Calif.	74 L	<u>9-0529</u>
TYSON, William B.	22 Rope Ferry Rd., Hanover, N. H.	35 WH	_____

U

UNGER, Thomas	234 State St., Perth Amboy, N. J.	204 B	<u>2-6835</u>
---------------	-----------------------------------	-------	---------------

V

VanARKEL, Arthur T.	230 Oak Ave., Haddonfield, N. J.	205 B	_____
VanDUSEN, Derek B.	606 W. 122nd St., New York 27, N. Y.	315 B	_____

Name	Home Address	College Address	Private Phone
VERSACI, Frank, Jr. . . . .	6437 N. Park Ave., Phila. 26, Pa. Local Address: 521 Panmure Rd., Haverford, Pa.	Day	_____
VINEY, James L. . . . .	c/o Col A. G. Viney, Hq. C/S, Comm. Zone, USAREUR, A.P.O. 58, N. Y.	33 WH	_____
VOGEL, Carl S., Jr. . . . .	412 Righters Mill Rd., Penn Valley, Pa.	32 L	<u>2-9713</u>
W			
WAGNER, Richard V. . . . .	203 Goodale Rd., Baltimore 12, Md.	311 B	_____
WALLACE, John G. . . . .	36 Woodbridge St., South Hadley, Mass.	108 B	<u>2-8750</u>
WALLACE, Robert P. . . . .	123 Lawrence Ave., Homestead Park, Pa.	21 F	_____
WALTON, David S. . . . .	309 S. 21st St., Brigantine, N. J.	22 L	_____
WALTON, Howard L. . . . .	#6 North Ave., Wyncote, Pa.	Day	_____
WARDE, William D. . . . .	19 Norris Rd., Hyde Park 36, Mass.	7a F	_____
WEAVER, Harold D., Jr. . . . .	Delaware State College, Dover, Del.	84 L	_____
WEEKS, Edward F. . . . .	59 Chestnut St., Boston, Mass.	106 B	<u>9-1594</u>
WEIGERT, Martin G. . . . .	4954 Brandywine St., N.W., Washington 16, D. C.	10 M	_____
WHITE, Courtland Y. . . . .	Rebel Fox Farm, Paoli, Pa.	Day	_____
WHITE, William, Jr. . . . .	621 Villa Rd., Drexel Hill, Pa.	301 B	_____
WHITNEY, James N. . . . .	413 Valley Forge Rd., Wayne, Pa.	81 L	_____
WIELAND, D. Alexander, Jr. . . . .	Spring Lane, Roxboro, Phila. 28, Pa.	22 L	_____
WIGGENHORN, Anthony W. . . . .	Clarkstown Country Club, Nyack, N. Y.	31 YH	_____
WILBUR, E. Reed . . . . .	115 Pennsylvania Ave., Bryn Mawr, Pa.	411 B	_____
WILENTZ, Jack N. . . . .	185 High St., Perth Amboy, N. J.	204 B	<u>2-6835</u>
WILLCOX, David L. . . . .	627 Highland Rd., Ithaca, N. Y.	Day	_____
WILLIS, Thayer . . . . .	9 Bettswood Rd., Norwalk, Conn.	121 MA	_____
WILLS, Daniel C. . . . .	40 Cross St., Westerly, R. I.	16 M	_____
WILSON, Robert G. . . . .	920-D Pelhamdale Ave., Pelham, N. Y.	91 L	<u>2-9144</u>
WINANS, Charles S. . . . .	1434 Navahoe Dr., Mt. Lebanon, Pittsburgh 28, Pa.	411 B	_____
WINTER, Donald P. . . . .	110 Poplar Dr., Pittsburgh 28, Pa.	104 B	_____
WITHERSPOON, Gerald S. . . . .	2988 Wicklow Rd., Columbus, Ohio	11 L	<u>9-0423</u>



Name	Home Address	College Address	Private Phone
WOLF, Jean L.	50 Central Park, W., New York 23, N. Y.	13 M	_____
WOOD, William E.	Hidden Springs, Neshanic Sta., N. J.	62 L	<u>2-4958</u>
WOODHAM, Lewis R.	181 Pasadena Place, Hawthorne, N. J.	21 BF	_____
WOODRUFF, Roy H.	22 E. 8th St., New York City, N. Y.	217 B	_____
WORDEN, Stanley	24 The Green, Dover, Del.	1 F	_____
WOZNICKI, Lamar deB.	318 E. Meehan Ave., Phila. 19, Pa.	105 MA	_____
Y			
YOST, William A., III	1936 N. 74th St., Wauwatosa 13, Wis.	313 B	_____
Z			
ZAMBA-REEVES, Joseph J.	Fastsville, Ysd. Basson Co., Monrovia, Liberia, West Africa	16 F	_____
ZAVITZ, Peter K. C.	4205 Stanford St., Chevy Chase 15, Md.	21 L	_____



STUDENTS'  
PICTURES

Arranged  
alphabetically  
by classes

This section arranged  
by Students' Council



P. BELL



T. BERNHAM



J. CAMPBELL



J. CARY



H. COMFORT



J. CONNER



C. CULBERT



W. DOHERTY



T. DRAKE



R. DURLING



J. FLIGHT



M. JORDAN



L. GREEN



A. HADDELTEN

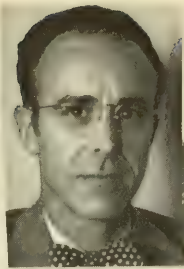


F. HAVILAND

FACULTY



C. DEBACH



J. J. DELOACH



C. HOLMES



H. HUNTER



R. JOHNS



A. SZWONICK



J. LESTER



A. LOWEY



J. J. O'CONNELL



A. MACINTOSH



J. MCCAFFERY



W. MELDRUM



C. OAKLEY



H. PUND



L. POST



F. QUINN



W. RANDALL



P. RICOUER



J. ...



S. MUM



H. SCHMERS



H. TRAP



R. WALKER



N. ILLAN



R. WISER



K. WOODROFFE



L. WYLIE



G. ALBRIGHT



J. J. ALBRIGHT

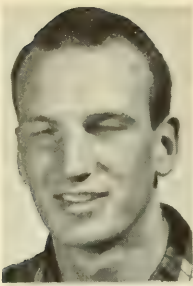


A. C. ALLEN



J. J. ALLEN

SENIORS



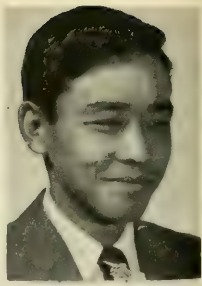
R. W. ALVORD



R. F. ARMANI



H. C. ARNOLD



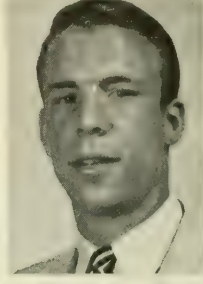
A. AZUMI



N. J. BARKER



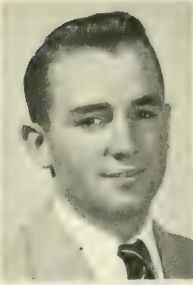
L. C. BENNETT



E. J. BLOMHARD



T. R. BLEDSOE



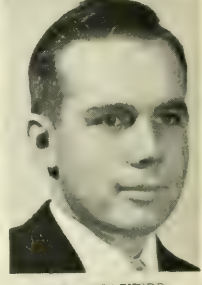
A. BOYER



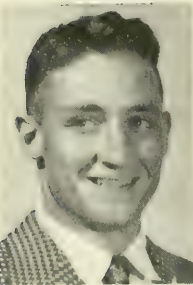
J. B. BRADSHER



W. BRADFIELD



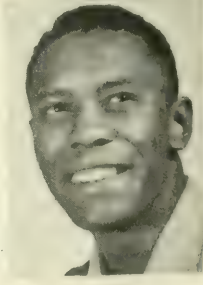
C. R. BRAINERD



J. A. BARKER



F. BURDETTE



J. D. COX



J. J. CAUPPY L.





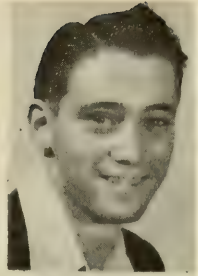
D. F. CONE



S. C. CONTAKOS



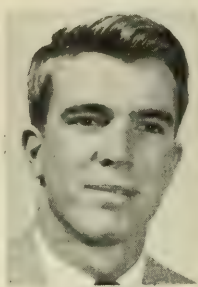
R. CRUASDALE



D. DARNAY



J. E. DIXON



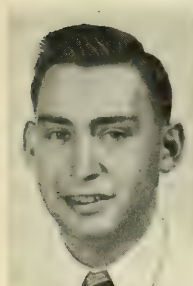
R. ELDRIDGE



J. FLINT



O. L. FRANKE



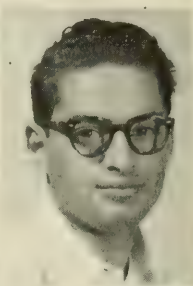
I. FREEDMAN



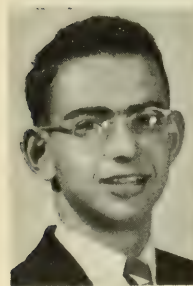
A. H. FREY



R. FULLER



A. GOLDFINGER



T. B. GODKINS



G. W. GREY



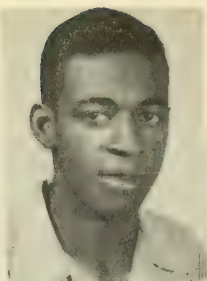
A. I. HAMBURGER



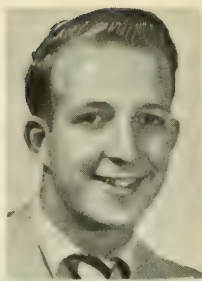
E. B. HARRIS



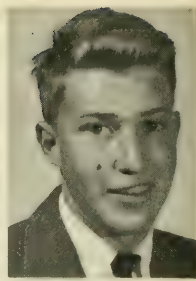
P. C. HAZELTON



N. S. HILL



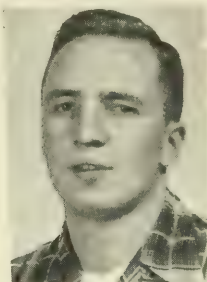
D. E. HUGENAUCR



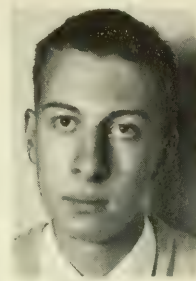
J. W. HOPKINS



R. JANKEL



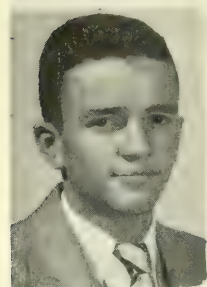
M. A. JOHNSON



J. JORDEN



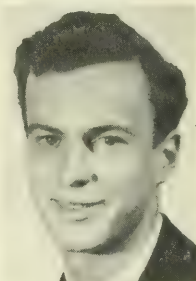
I. D. KANTOR



C. P. KEPNER



D. E. KERN



A. KLINA



J. LUBIN



J. R. MACKENZIE



D. R. MAIDEN



C. N. MALINI



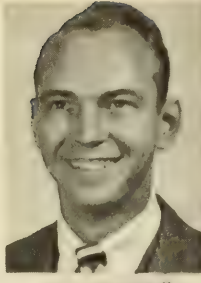
C. B. MANCHESTER



M. S. WANDELL



R. W. MERREK



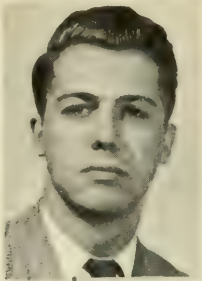
R. MADTERTSON



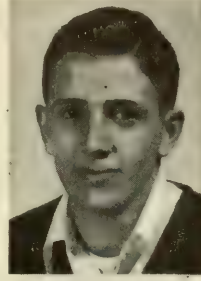
W. S. MASLAND



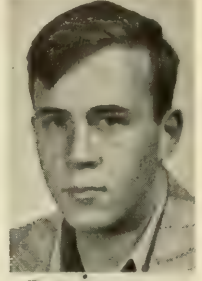
R. L. MCCANDLESS



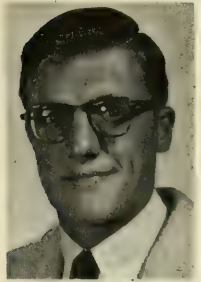
J. R. MCCANN



J. G. McDONALD



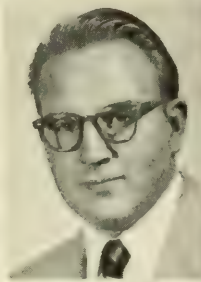
H. S. MERRILL



G. MORROW



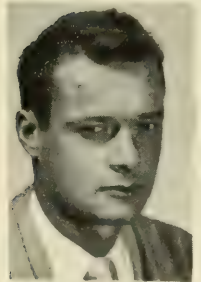
U. H. MOSS



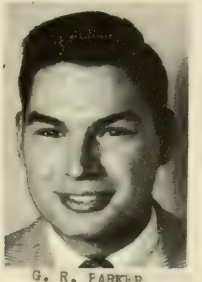
C. P. NEUHAUS



J. A. NOBLE



J. H. OSLER



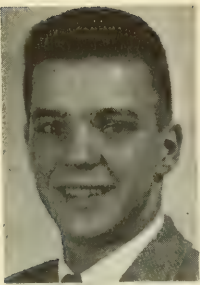
G. R. PARKER



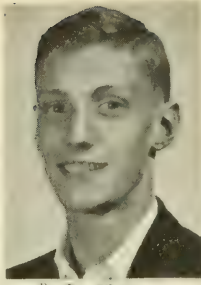
T. G. PENICK



P. PHELPS



H. C. RAPER



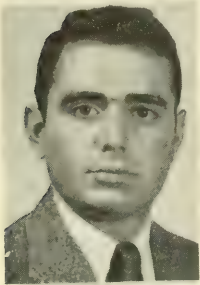
R. E. READ



F. H. REVER



D. H. RICE



R. D. RIVERS



F. ROSENBERGER



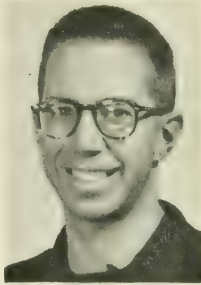
J. R. SANDREE



J. SCHATANOFF



E. U. SCHLER



R. G. SCHWARTZ



A. F. SCOTT



R. SEBLEY



J. SPICHER



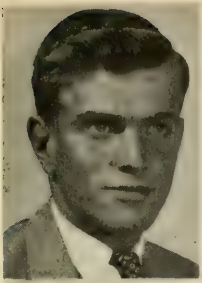
J. M. STROTBECK



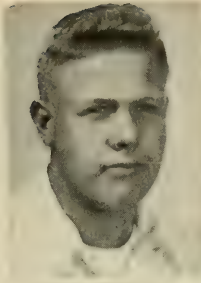
J. G. SWELLEN



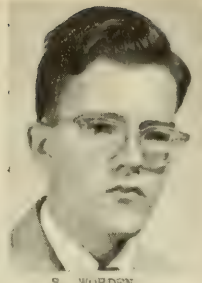
D. C. SUTTON



R. G. WILSON



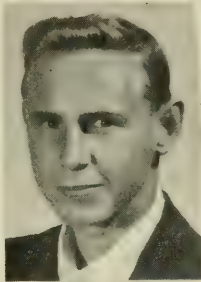
E. E. WOOD



S. WORDEN.



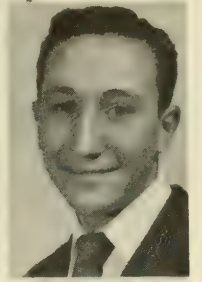
O. M. ANDERSON



J. K. ARMSTRONG



F. E. ARMSTRONG



V. S. AVERNA



J. E. BAKER



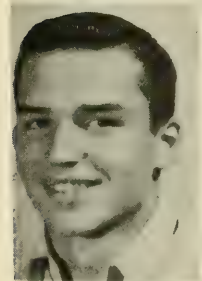
J. W. BAKER



A. R. BAYLOW



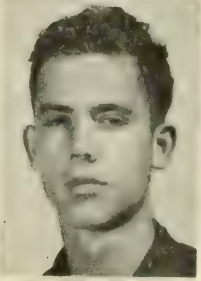
J. S. BARRETT



R. A. BARTON



S. A. M. BISHOP



H. BROEKMAN



N. P. BROUGHTON

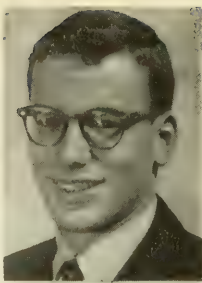
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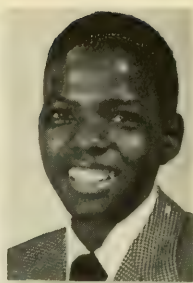
R. H. SLUEMAN



D. F. CAHILL



J. H. DICK



J. DORSEY



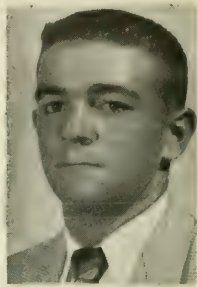
W. T. DOUGLAS



J. R. DUNGAN



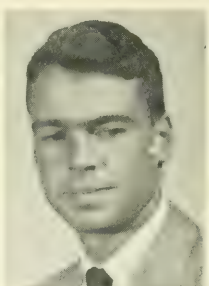
P. EVANS



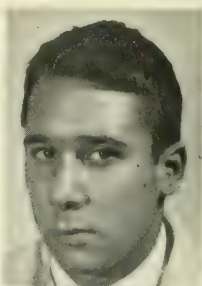
G. N. PETTUS



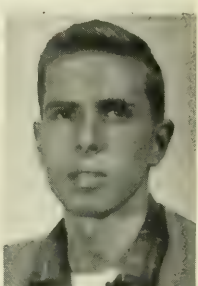
M. B. FREEDMAN



H. A. PRULMAN



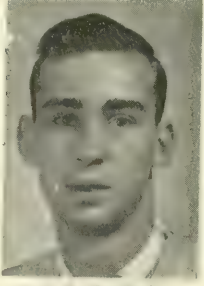
H. K. FRIEDMAN



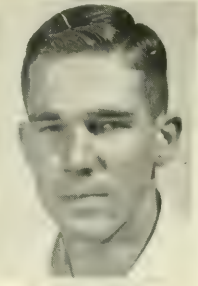
R. J. GABE



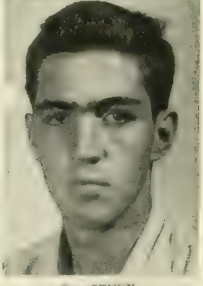
T. H. HAWES



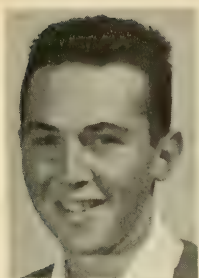
G. H. JOHNSON



J. H. GOULD



J. E. GREEN



M. G. GRIENBERG



L. G. S. GREHE



R. E. GREER



N. G. GRANT



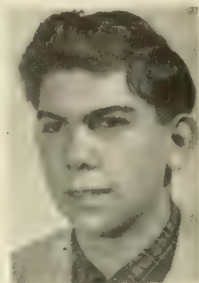
W. S. HALL



D. E. HARRIS



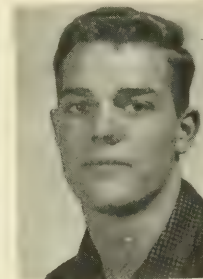
J. H. HAWKINS



D. HENSEL



A. W. HINGS



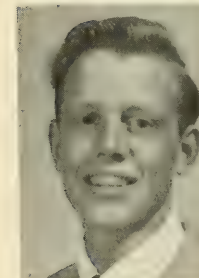
H. W. HITZEL



J. W. H. HONG



J. L. HORNER



J. R. INNES



R. A. IRVINE



R. J. JAY

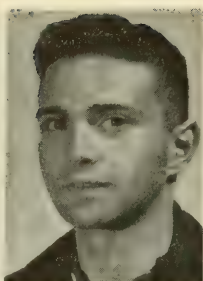


O. JOHNSON

J  
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N  
I  
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R  
S



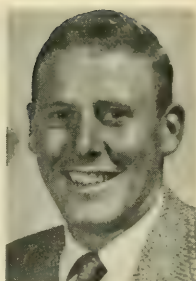
R. M. JOHNSON



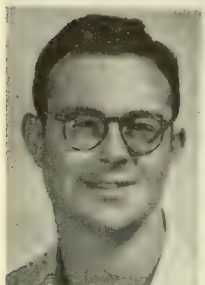
J. I. JUDOVICH



N. L. KALEB



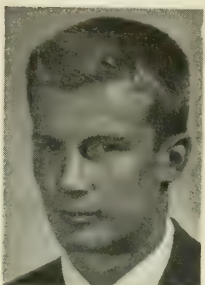
G. KEELEY



J. J. KLITMAN



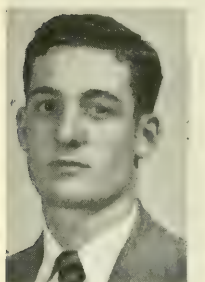
S. B. KNOWLTON



T. G. KUMMER



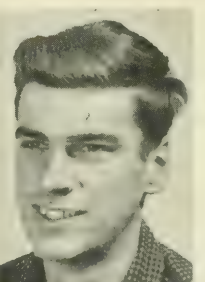
T. J. LIDENBURG



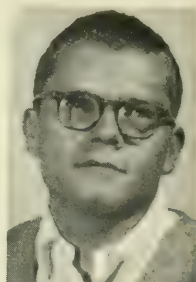
C. B. LANE



A. E. LANGSAM



N. R. MABRY



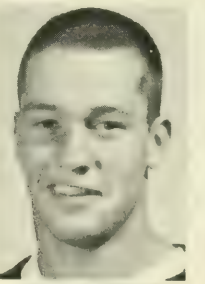
C. MACKOWN



E. M. MANN



J. F. MARQUARDT



T. W. MORRIS



S. L. MAZUREK





R. S. MCDOWELL



A. W. MCLEAN



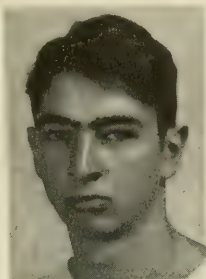
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D. C. MEAD



H. I. MIKHAIL



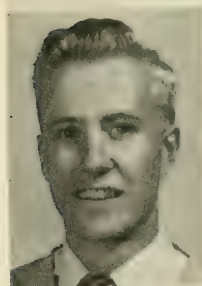
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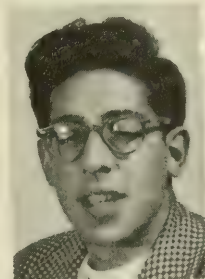
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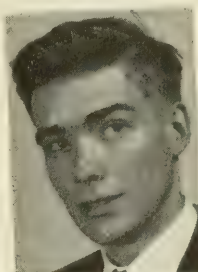
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R. C. MONROE



P. G. NELMARK



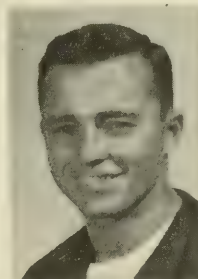
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J. L. PALTE



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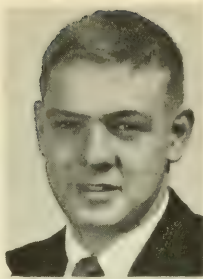
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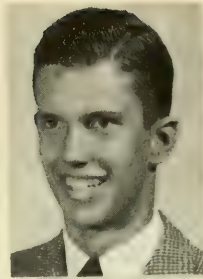
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C. R. RUPPENTHAL



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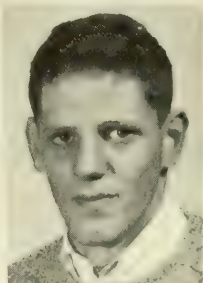
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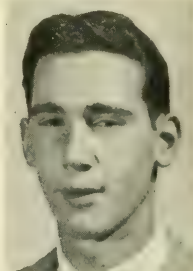
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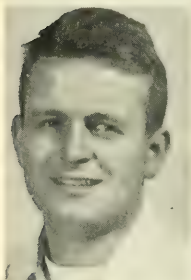
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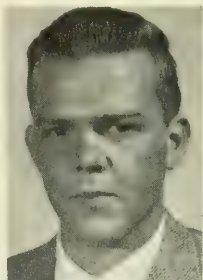
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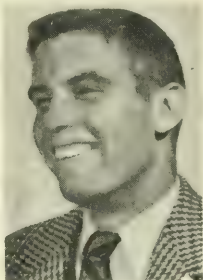
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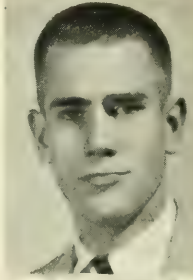
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J. A. THOMAS



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R. R. TRAUT



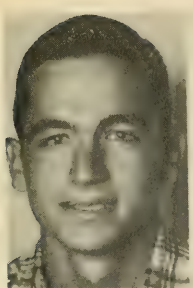
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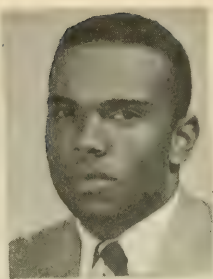
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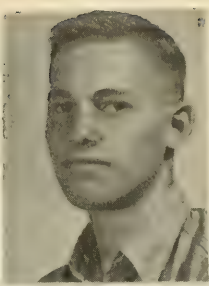
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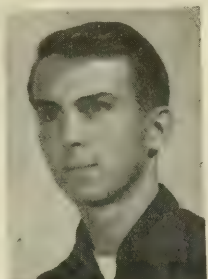
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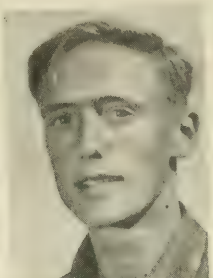
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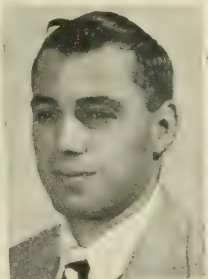
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L. WZENICKI



M. ABRAMSON



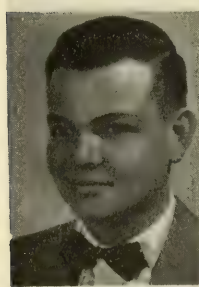
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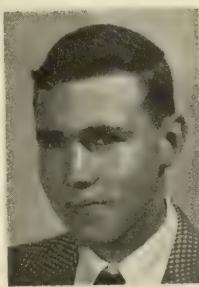
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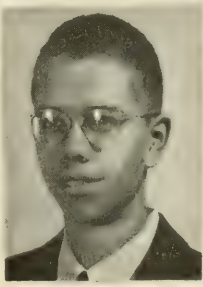
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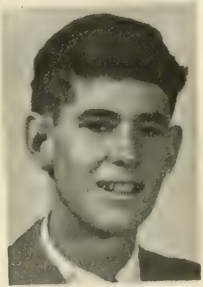
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M. BARR



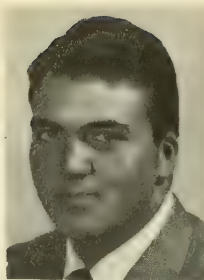
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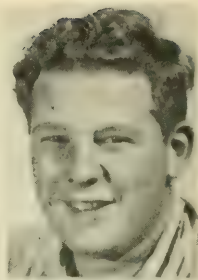
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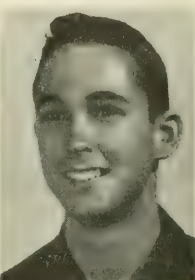
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C. F. BROWN



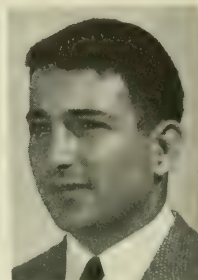
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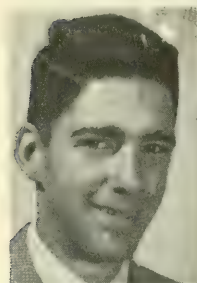
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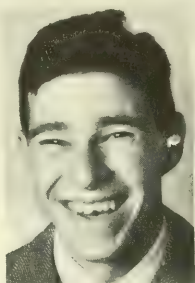
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F. T. CHARLSON



J. CLAVEL



R. L. COHEN



T. A. JOCKER



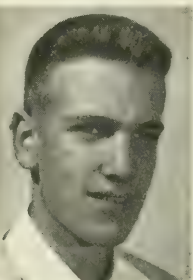
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T. R. GARDNER



A. GARDNER



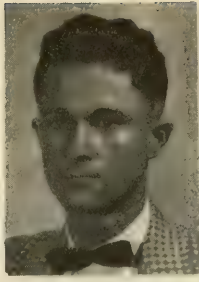
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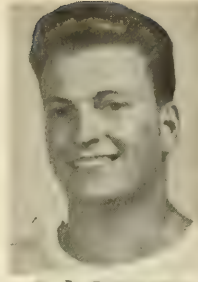
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B. A. DENT



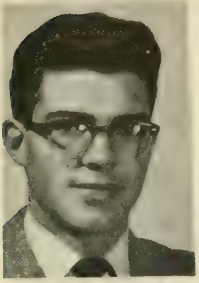
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W. B. FAIRWEATHER



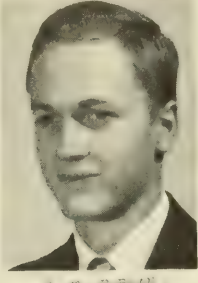
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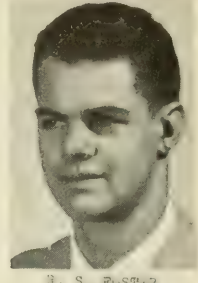
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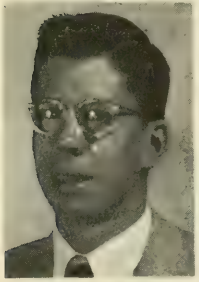
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H. T. FURMAN



H. S. FOSTER



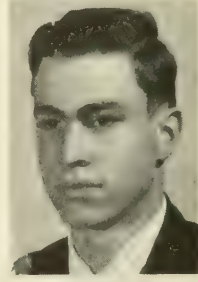
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L. R. GALBRAITH



J. S. GILMAN



J. G. GOFF



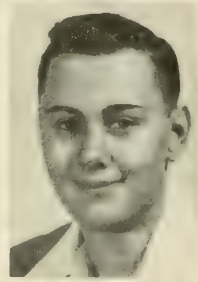
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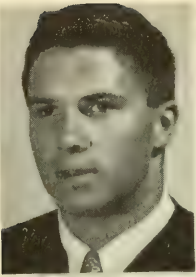
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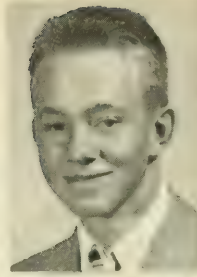
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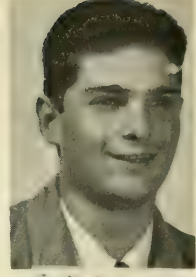
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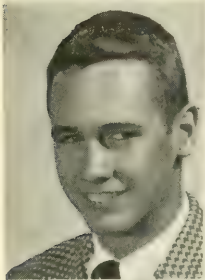
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H. L. HAMSTER



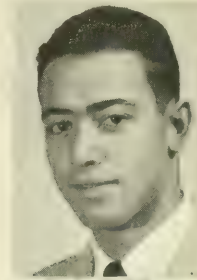
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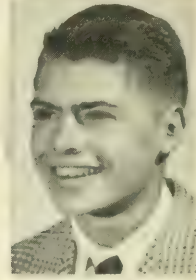
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T. E. HARVEY



A. E. HECHT



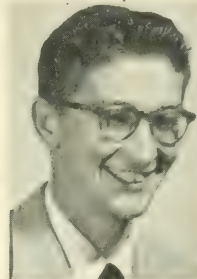
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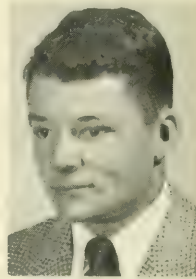
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S. J. HODGES



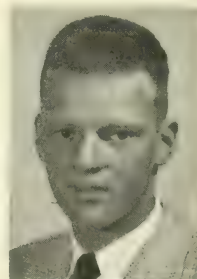
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D. HOPKINS



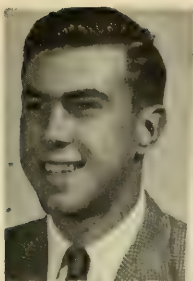
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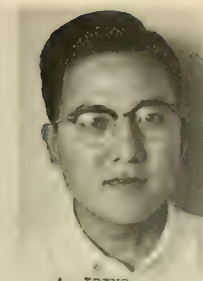
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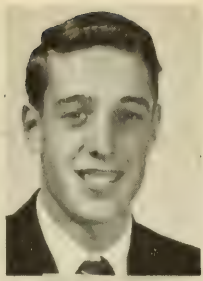
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C. W. HURD



A. IRIYE



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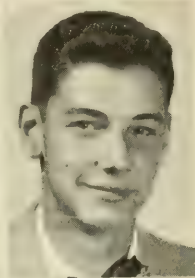
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R. W. KILPATRICK



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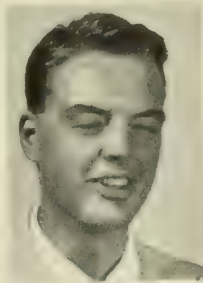
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J. H. LETCHER



J. LEVIN



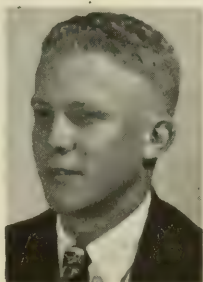
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D. W. MEAKER



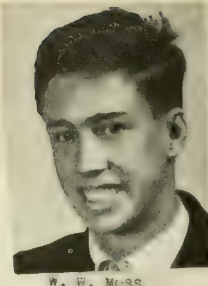
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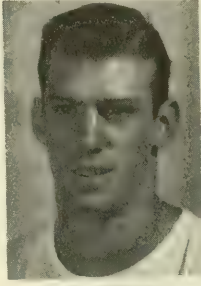
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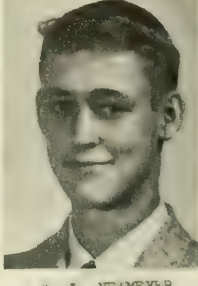
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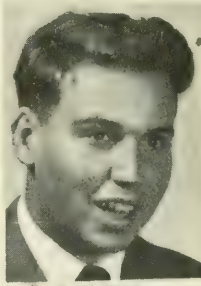
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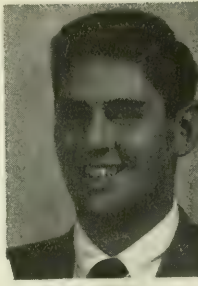
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L. D. FINE



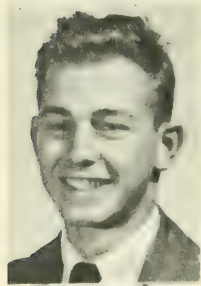
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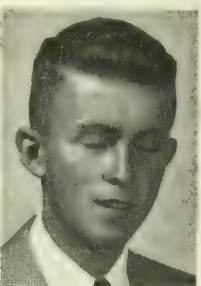
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N. W. PLASS



F. H. PLATEN, 13



R. B. PRICE



D. C. ROBINSON

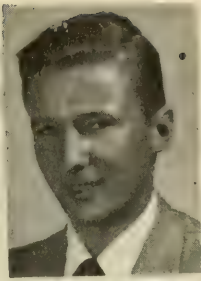


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D. R. SCHOTT



E. J. STEVENS



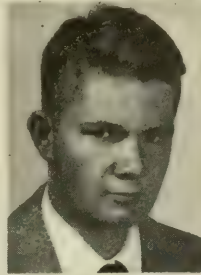
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W. J. STOCKEBRAND



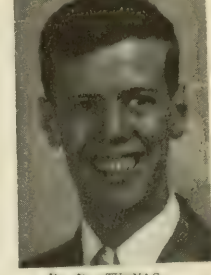
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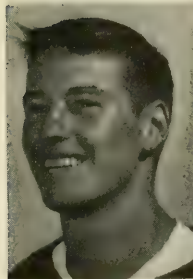
D. W. SWIFT



A. L. TAWELL



H. M. THOMAS



J. S. TORG



W. H. TYSON



T. UNGER



P. VERSACI



C. S. VOGEL



E. V. WAGNER

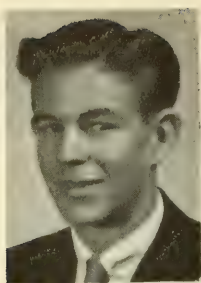


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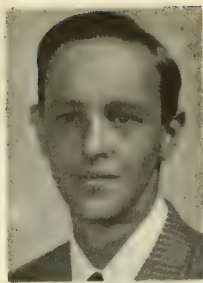


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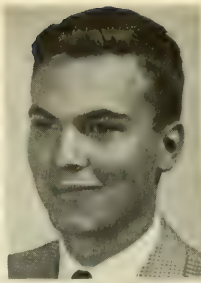
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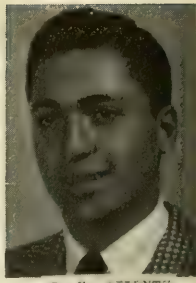
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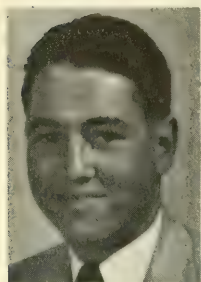
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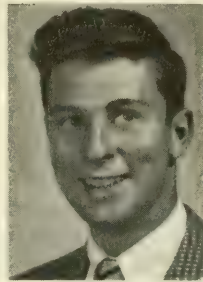
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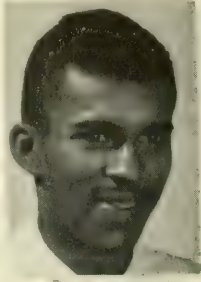
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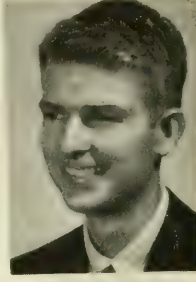
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C. S. WINANS



R. A. WOODRUFF



W. A. YOST

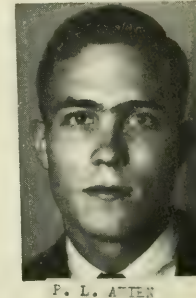
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F. E. J. ZAVITZ



J. P. ADAMS



P. L. ALLEN



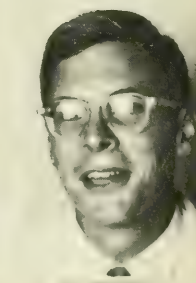
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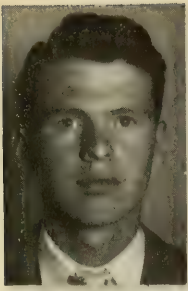
T. I. BAKER III



W. N. BARNERT



W. BECKNER



R. J. BENJAMIN



C. M. BENLIN



W. C. BERTOLET



J. A. BIRCH



J. L. BOYER



E. L. BRADLY



J. G. BUCZ



A. J. BUCK



T. M. BURTON



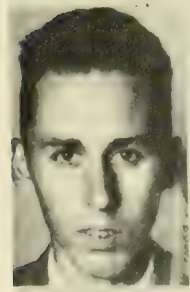
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W. D. CARRIGAN



J. J. CLARK



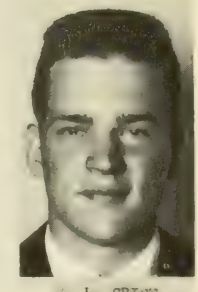
L. H. CLARE



F. CONROY



J. F. CRAWFORD



W. L. CRIST

FRESHMEN



H. J. DAMS



S. E. DUFF



G. W. ELLIS



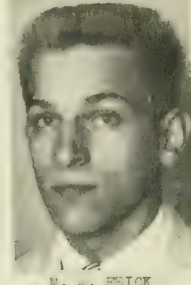
G. H. GILSON



L. A. GLEN



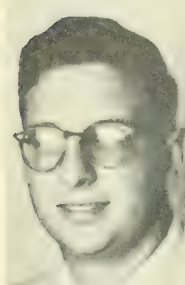
A. D. HYSYER



M. W. PEICK



M. R. PUGEL



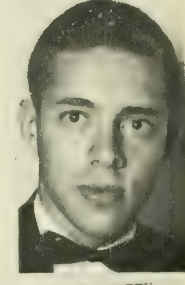
E. FRIEDMAN



K. L. GRIST



L. M. GELSER



C. J. GATTY



D. J. GILSON



A. GOLD



N. GREENLEAF



J. D. GUNSTER



D. S. HALSTEAD



R. B. HARDY



J. J. HARKINS



E. J. HARRISON



L. M. HARTMANN



T. D. HARVEY



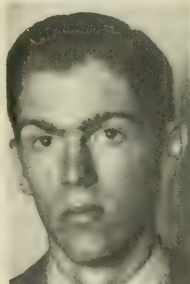
T. H. HELMSTADTER



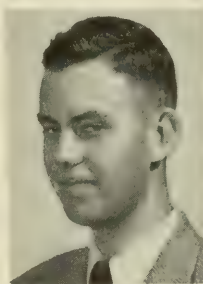
H. H. HILL



R. M. HILL



J. D. HOLMES



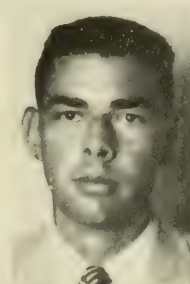
R. J. HOPPER



N. HOPKIN



R. S. HORNBECK



M. W. HUMPHRYS



P. T. HUNT



G. HURCHALLA

F  
R  
E  
S  
H  
M  
E  
N



M. A. JOHNSON



J. H. JOHNSTON



F. S. JOSLYN



E. R. KABRICK



R. M. KELLY



D. S. FERR



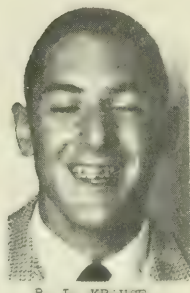
N. BLINMAN



N. J. KNIGHT



E. G. KOSKOFF



R. L. KRAUSE



C. N. FUNG



H. P. KURZMAN



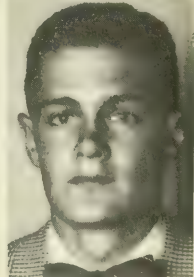
J. S. LENFEST



L. C. LUTHERER



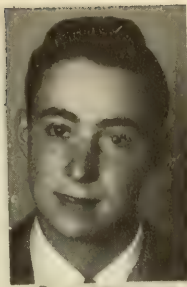
E. J. MACUN



T. MADDOX



A. A. MANHELE



T. A. MADSGER



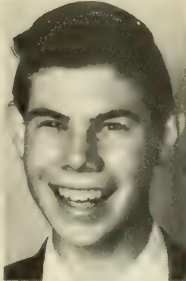
J. C. MEYER



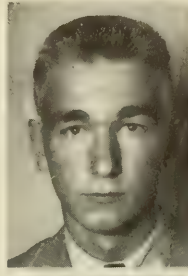
L. W. MILAN



J. P. MOHR



H. S. MONKEMEYER



J. L. MONTGOMERY



H. E. MUSSER



R. P. NOLT



D. F. NOWLIS



D. E. PARKER



P. H. PENNELL



H. S. PHILLIPS



H. K. PLATT



H. G. PLATT



H. P. PRICE



L. A. PRICE



R. G. RALSH



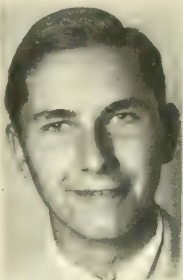
M. H. RANDALL



R. M. RAUCH



J. H. REILL



J. A. RILGL



R. C. REHMYER



H. B. ROBINSON



F. B. ROCKWELL



F. G. RODEWALD



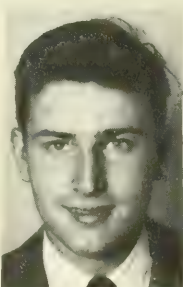
M. W. ROLOFF



S. B. SARNOFF



R. A. SAYLES



D. SCHATANOFF



E. T. SCHONOVER



U. L. SCHUMPERT





R. E. SCHRAMM



R. L. SHULTZ



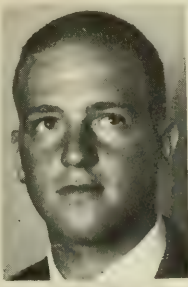
E. J. SMITH



E. C. SQUIRES



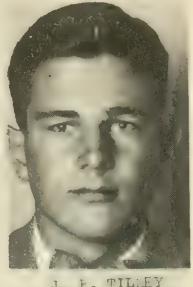
T. H. STEELE



K. A. TANNENBAUM



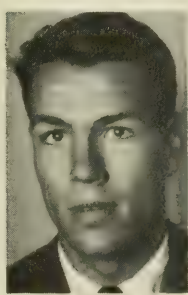
C. H. THOMAS



J. F. TILDLEY



R. E. TODD



A. T. VAN ARKEL



D. B. VAN DUSEN



V. G. WEIGERT



A. W. WIGGERHORN



D. C. HILLS



D. P. WINTER



H. A. DAVIS



M. GUNTHER



I. HAYAKAWA



H. HILSENRAH



A. T. HUME



R. R. O'BRIAN



E. M. REMBERG



F. SLAVIN

Students arranged by Class in which they are  
enrolled during the first semester of 1954 - 1955.

### FRESHMAN CLASS

Adams, John Francis	Hardy, Roger Bruce	Nowlis, David P.
Adams, M. Ian	Harkins, John J.	Parker, Daniel E.
Aiken, Paul L., Jr.	Harrison, Eric J.	Pennell, Franklin H., Jr.
Baker, T. Nelson, III	Hartmann, Lawrence M.	Phillips, Harvey E.
Barnert, Nyles, N.	Harvey, William B.	Platt, Hermann K.
Becker, Mark	Hill, Horatio S., Jr.	Pratt, Robert G.
Benjamin, Robert S.	Hill, Richard M.	Price, Hollis F., Jr.
Berlin, Cheston Milton, Jr.	Holmes, James D.	Price, Leighton A.
Bertolet, William C.	Hopper, Robert J.	Ralph, Boyd G.
Birch, James Anthony	Hoppin, Nicholas	Randall, Mark H.
Boyer, James L.	Hornbeck, Richard S.	Rauch, Richard McK.
Bradley, Edward L., Jr.	Humphreys, Marvin W.	Reill, James Henry
Buck, Alfred S.	Hunt, Peter Thomas	Reigl, Jan A.
Bucy, James G.	Hurchalla, George, Jr.	Robinson, Raymond B.
Burton, Thomas Mark	Johnson, Myles Arthur	Rockwell, Peter B.
Cable, Peter George	Johnston, Jamie H.	Rodewald, Paul G., Jr.
Carragan, William D.	Joslyn, Allen S.	Roloff, Michael W.
Clark, Jonathan Joseph	Kaback, H. Ronald	Sarnoff, Stephen B.
Clark, Laurence H.	Kelly, Richard M.	Sayles, William A.
Conroy, Frank	Kerr, Douglas S.	Schatanoff, David
Crawford, John F.	Kirby, Edwin J., Jr.	Schoonover, Eric T.
Crist, Robert L.	Klinman, Norman	Schramm, Richard E.
Dane, Henry James	Knight, Charles A.	Schumpert, O. Lamar, Jr.
Duff, Stewart M.	Koskoff, Eric G.	Shultz, Robert L.
Ellis, David W.	Krause, Robert L.	Smith, Earl J.
Ellison, George Henry	Kunz, Carl Norman, Jr.	Squires, E. Chadwick
Ewen, Leslie Alan	Kurzman, Harold P., Jr.	Steele, Thomas H.
Eyster, A. Daniel	Lenfest, David S.	Tannenbaum, Kenneth A.
Feick, M. Mather	Lutherer, Lorenz O.	Thomas, C. Howard, Jr.
Fogel, Michael Roy	Macon, Edwin J.	Tilley, J. Peter
Friedman, Burton	Maddock, Thomas, II	Todd, Richard H., Jr.
Geist, Kenneth Lee	Manheim, Anthony A.	vanArkel, A. Thomas
Gelser, Leigh Maxfield	Medsker, Thomas A., Jr.	Van Dusen, Derek B.
Getty, Carl James	Meyer, Jean-Charles	Weigert, Martin G.
Gibson, David James	Mohr, Jay Preston	Wiggenhorn, Anthony W.
Gold, Allan	Monkemeyer, H. Shenton	Wills, Daniel C.
Greenleaf, Newcomb	Montgomery, J. Langford, Jr.	Winter, Donald Paul
Gunster, Gerald D.	Musser, Harold E., Jr.	
Halstead, Dirck S.	Nolte, Kemble P.	

### SOPHOMORE CLASS

Abramson, Marc Fred	Calkins, Kenneth R.	Dent, Benjamin A.
Adams, Charles S.	Challener, Robert C.	Doherty, William P., Jr.
Allen, Harry Rodman	Charlson, Murray T.	Donham, Michael B.
Allen, Paul R., Jr.	Clavel, Pierre	Fairfield, E. Steven
Amsterdam, Tony G.	Clurman, Rodney H.	Farrell, Henry M.
Barr, Mason, Jr.	Cohen, Richard L.	Ferguson, Lawrence C., Jr.
Belash, David C.	Cooper, T. Astley	Forman, Phillip M.
Bernstein, John A.	Cope, John G.	Forman, Richard T.
Bing, Anthony G.	Coroneos, Clive R.	Foster, Roger S., Jr.
Block, Blaine L.	Cowen, Arthur, III	Francis, James B., Jr.
Brown, Charles V., Jr.	Crane, Donald A.	Gallager, Laurence R.
Bucy, P. Craig	Densford, Robert W.	Gallant, Jonathan A.

## SOPHOMORE CLASS

Gibson, Seth	Kilpatrick, Robert W.	Platenius, Peter H.
Goodman, Jay S.	Kravis, Gary I.	Price, Robert B., Jr.
Gray, John Henry, III	Lachman, Alan B.	Rehmeyer, Richard C.
Groff, Diller B., III	Langsam, Walter E.	Robinson, Douglas C.
Gruber, John B.	Leeds, Robert W., Jr.	Sanson, Ralph C., Jr.
Haberland, Paul M.	Letcher, John H., III	Schott, John R.
Hamester, Hans L.	Levin, Joel M.	Stevens, Edward J., III
Hanson, John P.	Lindeman, Robert J.	Stine, William D.
Hart, Benson H.	Long, W. Herbert, III	Stover, Donald O.
Harvey, Thomas B., Jr.	Mack, Charles S.	Swift, Daniel W.
Haviland, Paul R., Jr.	Matlack, Louis R.	Tawell, Arthur L.
Hecht, Warren B.	Meaker, Douglas W.	Thomas, Henry M., III
Heeg, Michael M.	Mezger, Erik B.	Torg, Joseph S.
Helmstadter, Thomas H.	Milam, Lorenzo W.	Tyson, William B.
Henderson, Rolland H.	Moody, James P., Jr.	Unger, Thomas
Hodge, Paul M.	Moses, Sanford H., Jr.	Versaci, Frank, Jr.
Hodges, Samuel J.	Moss, William W., III	Vogel, Carl Stephens, Jr.
Hoover, Henry B., Jr.	Murray, William M.	Wagner, Richard V.
Hopkins, P. Donald	Musser, John H.	Walton, Howard L.
Horan, David E.	Nauman, Daniel W.	Warde, William D.
Hudson, F. Eugene	Newmeyer, William L., III	Weeks, Edward F.
Hunt, Robert W.	Nickel, Paul E.	Whitney, James N.
Hunter, Allan A., Jr.	Noyes, Robert W.	Wilbur, E. Reed
Hurd, Christopher W., Jr.	Paine, Lincoln D.	Wilentz, Jack N.
Iriye, Akira	Panken, Peter M.	Willcox, David L.
Johnson, Stanley B., III	Paul, David, T.	Winans, Charles S.
Jones, Everett L., III	Pepper, William, Jr.	Woodruff, Roy H.
Joyce, Thomas J., Jr.	Pine, Edward H.	Yost, William A., III
Judd, Stuart E., Jr.	Plass, Neil W.	Zavitz, Peter K. C.

## JUNIOR CLASS

Anderson, George M.	Duttenhofer, Franklin H.	Innes, B. Jeremy M.
Armstrong, John K.	Evans, Franklin	Irvine, Robert Allen
Armstrong, Peter H.	Fettus, George H.	Isay, Richard A.
Averna, Vincent S.	Freedman, Mark B.	Johnson, Otis S.
Baker, James Estes	Freeman, Harvey A.	Johnson, Richard M.
Baker, J. Winsor, Jr.	Friedman, Harold M.	Judovich, Joel I.
Barker, Norman John, Jr.	Gage, Robert J.	Kalen, Norman
Barlow, A. Ralph, Jr.	Garver, Thomas H.	Keeley, George P.
Barrett, John Smith	Goodman, Gerald S.	Kemmerer, John LeR.
Barton, Robert A., Jr.	Gould, John H.	Klinman, Jerry J.
Berger, David S.	Green, Joseph E., III	Knowlton, Stephen B., Jr.
Bishop, Samuel A.	Greenberg, Marshall G.	Kummer, Theodore G.
Broekman, Dan vanM.	Greene, David G. S.	Kurkjian, Ernest
Broughton, Robert P.	Greer, Robert B., III	Kushner, David A.
Changtrakul, Pramote	Grossblatt, Norman	Ladenburg, Thomas J.
Coe, Donald B.	Hall, Winfield S.	Lane, Charles B.
Cohill, Donald F.	Harris, Daniel Everett	MacKown, Craig
D'Arrigo, Philip	Hawkins, John R.	Mann, H. Michael
Dick, John H.	Hensel, David B.	Marquardt, John F.
Dinge, Richard F.	Hirss, Andris M.	Martenis, Thomas W.
Dorsey, David F., Jr.	Hitzrot, H. William, Jr.	Mazurek, Stanley L.
Douglas, Walter B.	Hoag, Joseph H. S.	McDowell, Robin S.
Dungan, Jon R.	Horner, Joseph LeF.	McLean, Arthur M.

## JUNIOR CLASS

McMasters, James L.	Renner, Peter M.	Thompson, E. Jackson, Jr.
Mead, Donald C.	Rhoads, John B.	Togasaki, Robert K.
Mikhail, Hanna I.	Richardson, H. Burt, Jr.	Traut, Robert R.
Miller, Edward W., Jr.	Ruppenthal, Carl R., Jr.	Viney, James L.
Miller, Louis H.	Schwentker, Frederic N.	Wallace, John G.
Minnich, Edward L., Jr.	Seaver, David B.	Wallace, Robert P.
Monroe, Richard C.	Semans, H. Stark	Walton, D. Sellers
Neimark, Paul G.	Shaw, Herbert W., Jr.	Weaver, Harold D., Jr.
Ortman, H. William	Shedd, Gordon M.	White, Courtland Y., IV
Packard, William M.	Sieverts, Steven H.	White, William, Jr.
Patt, Robert F.	Smith, Michael E.	Wieland, D. Alexander, Jr.
Pearson, Bruce F.	Sotomayor, Guy G.	Willis, Thayer, Jr.
Perera, John B.	Steere, Geoffrey H.	Witherspoon, Gerald S.
Pfaltz, John L.	Stephens, John M.	Woodham, Lewis R.
Potter, David	Swinton, Neil W., Jr.	Woznicki, Lamar deB.
Regan, Theodore M., Jr.	Thomas, John W.	Zamba-Reeves, Joseph J.
Renken, Fritz G.		

## SENIOR CLASS

Albright, Gerald S.	Goodkind, Thomas B.	McDonald, John G., Jr.
Albright, Jonathan P.	Gray, George W.	Melcher, William Diehl
Allen, Alexander C.	Hamburger, Henry	Merrill, Nathaniel S.
Allen, John J.	Hamilton, Kenneth G.	Michael, John R.
Alvord, Robert W.	Hardy, Richard D.	Morrow, Grant, III
Apmann, Robert P.	Harper, David H.	Moss, Urban H., Jr.
Armstrong, Charles S.	Harris, E. Berkeley, Jr.	Neuhaus, Charles F.
Arnold, Harris C., Jr.	Haynes, William G.	Noble, Jay A.
Azumi, Koya	Hazelton, Pierce C.	Osler, John H., Jr.
Barnhart, Calvin C.	Hill, Norman Spencer, Jr.	Parker, Garth R.
Bennett, Lee C., Jr.	Hinshaw, Robert E.	Penick, Theodore G.
Blanchard, Eric D.	Hogenauer, David E.	Phelps, Paulding
Bledsoe, Theodore R.	Hopkins, Johns W., Jr.	Raper, Harrison C.
Borton, Anthony	Jaeckel, Ralph	Read, Robert E.
Bradbeer, James B.	Johnson, M. Alanson, II	Reeves, F. Brewster
Bradfield, William S. Jr.	Jordan, John S., Jr.	Rice, Daniel H., III
Brainard, Charles R.	Kahn, Stephen J.	Rivers, Richard D.
Braker, James A.	Kanter, Ira E.	Rosenberger, Peter B.
Burelbach, Frederick M., Jr.	Kepner, Chase D.	Sangree, M. Huyett, Jr.
Cato, John D.	Kern, Donald E.	Schatanoff, Joseph
Cauffiel, Joseph J.	Klein, Arthur	Scherer, Edward U., Jr.
Cone, Donald F.	Klots, Cornelius E.	Schultheis, Carl F., Jr.
Contakos, Samuel C.	Kreisher, John H.	Schwartz, Robert G.
Croasdaile, Richard E., Jr.	Lewis, Robert P.	Scott, Alexander F., Jr.
Dannay, Douglas	Lubin, Jack	Seaver, Paul S.
Dixon, John E.	Mackenzie, John R.	Seeley, Robert A.
Eldridge, Roswell	Maiden, Don R., Jr.	Speicher, John K., Jr.
Flint, John B.	Malani, Chandru N.	Strotbeck, John M.
Forman, Marc Allan	Manchester, C. Brey	Supplee, John G.
Foulke, David S.	Mandell, Morton S.	Sutton, David C.
Franke, O. Lehn	Marek, Richard W.	Wilson, Robert G.
Freedman, Irwin S.	Masland, William S.	Wolf, Jean-Louis
Frey, Alexander H., Jr.	Masterson, Robert D.	Wood, William E., III
Fuller, Richard S.	McCandless, Richard L.	Worden, Stanley, Jr.
Goldfinger, Alexander M., Jr.	McCann, James R.	

SOCIAL AND TECHNICAL ASSISTANCE

Davis, Hester A.

Gunther, Michael

Hakansson, Tore E. G.

Hayakawa, Ichiya

Hilsenrad, Margit

Hume, Ann Towner

O'Brien, Robert R.

Remsberg, Elva M.

Slavin, Frances

GRADUATE STUDENTS

Koch, Heinz Frank

Thomas, E. J. Baylis

SPECIAL STUDENT

Ridgeway, Robert G.

# COMMENCEMENT

1954

## PRIZES

The Clementine Cope Fellowships for 1954-55  
for graduate study at another institution  
have been awarded to

HOWARD I. KALODNER, 1954, First

JOHN HAGANS KELLY, 1954, Second

The Mathematics Department Prizes for Freshmen

First Prize . . . . . AKIRA IRIYE, 1957

Second Prize . . . . . HENRY M. THOMAS, III, 1957

The Alumni Prize for Composition and Oratory  
has been awarded in equal amounts to

TONY GUY AMSTERDAM, 1957

ROBERT WILSON NOYES, 1957

The Scholarship Improvement Prizes for two Seniors who have shown  
the most steady and marked improvement in scholarship during the  
college course have been awarded as follows:

First Prize . . . . . AMAR SINGH, 1954

Second Prize . . . . . JOSEPH GILBERT THORP DEBERRY, 1954

The Class of 1896 Prizes in Latin and Mathematics  
for Sophomores have been awarded to

JAMES R. SHUSTER, 1956, Latin

CARL ROBERT RUPPENTHAL, JR., 1956, Mathematics

The Lyman Beecher Hall Prize in Chemistry  
for Juniors, Seniors, or Graduates, within three years of  
graduation who expect to engage in research, has been awarded to

THOMAS DARRAH THOMAS, 1954

The Founders Club Prize for the Freshman who has shown the best attitude toward college activities and scholastic work has been awarded to

LAURO DE B. S. HALSTEAD, 1957

LOUIS R. MATLACK, 1957

The William Ellis Scull Prize  
for the upperclassman who shall have shown the  
"greatest achievement in voice and the articulation  
of the English Language" has been awarded to

WILLIAM JAMES MARBLE, 1955

The George Peirce Prize in Chemistry or Mathematics offered exclusively for students who expect to engage in research has been awarded to

JOHNS WILSON HOPKINS, 1955

The Class of 1910 Poetry Prize  
for the best verse written by a Haverford undergraduate during  
the year has been awarded to

PHILIP WARNOCK SILVER, 1954

The Class of 1902 Prize in Latin  
has been awarded to

DAVID CABOT BELASH, 1957

The Newton Prize in English Literature  
on the basis of Final Honors in English  
has been awarded to

JOSEPH GILBERT THORP DEBERRY, 1954

The John B. Garrett Prize for Systematic Reading  
has been awarded to

WILLIAM HAROLD BITTEL, JR., 1954

The Edmund Jennings Lee Prize, for that student organization which has done most to advance the interests of Haverford College during the current academic year has been awarded to

THE INTERNATIONAL CLUB



# HONOR SOCIETIES

## PHI BETA KAPPA SOCIETY

The following members of the graduating class  
have been elected

FREDRIC RUFF JAMESON  
HOWARD ISAIAH KALODNER  
MONTGOMERY THOMAS FURTH  
DAWSON FREDERICK MUTH  
NORMAN EAKES MATTHEWS  
THEODORE GOODWIN BELOTE  
WILLIAM WISTAR COMFORT, II  
JAMES DOUGLAS CRAWFORD  
CHESTER TOWNSEND RUDDICK, JR.  
THOMAS DARRAH THOMAS  
JOHN HAGANS KELLY  
JOHN CHRISTIAN WREN  
LUTZ ALEXANDER PRAGER  
PAUL SIDDALL SEAVER  
PETER WOLL  
RICHARD KNIGHT TAYLOR  
DAVID HUGH KELSEY  
PAUL PALMER CRAIG  
STANLEY ALBERT FORSTER  
RICHARD BENTLEY BOURNE  
JOHN YEWDALL TRUMPER  
DAN A. WHEATON  
WILLIAM CUSTIS MEADS

The following members of the Junior Class  
have been elected

JAY ARTHUR NOBLE  
MARC ALLAN FORMAN  
DAVID CHASE SUTTON  
MORTON STANLEY MANDELL

## FOUNDERS CLUB

The following students were elected  
for merit in both studies and college activities:

During 1951

EARL GRANT HARRISON, JR., 1954

During 1952

PAULDING PHELPS, 1955

During 1953

WILLIAM WISTAR COMFORT, II, 1954

JAMES D. CRAWFORD, 1954

ROBERT P. FEESER, 1954

MONTGOMERY T. FURTH, 1954

L. MORRIS JOHNSON, 1954

WILLIAM G. KAYE, 1954

JOHN H. KELLY, 1954

WILLIAM S. MASLAND, 1955

NORMAN E. MATTHEWS, 1954

WILLIAM M. PACKARD, 1956

STEPHEN H. SACHS, 1954

M. HUYETT SANGREE, JR., 1955

AMAR SINGH, 1954

During 1954

PHILIP S. BENJAMIN, 1954

JOHN C. BURTON, 1954

EDWARD P. HOLLINGSWORTH, 1954

GRANT MORROW, III, 1955

DAVID R. PERRY, 1954

LUTZ A. PRAGER, 1954

RONALD R. RENO, 1954

JOHN G. WALTON, II, 1954

BENNETT S. COOPER, 1918

# HONORS

## HIGHEST HONORS

MONTGOMERY THOMAS FURTH, 1954	Philosophy
FREDRIC RUFF JAMESON, 1954	French
HOWARD I. KALODNER, 1954	English
DAWSON FREDERICK MUTH, 1954	Political Science
THOMAS DARRAH THOMAS, 1954	Chemistry

## HIGH HONORS

RICHARD BENTLEY BOURNE, 1954	Chemistry
JOHN HAGANS KELLY, 1954	Economics
CHESTER TOWNSEND RUDDICK, 1954	Greek
DAN A. WHEATON, 1954	English
PETER WOLL, 1954	Political Science
JOHN CHRISTIAN WREN, 1954	English

## HONORS

THEODORE GOODWIN BELOTE, 1954	English
WILLIAM WISTAR COMFORT, II, 1954	Mathematics
PAUL PALMER CRAIG, 1954	Mathematics
PAUL PALMER CRAIG, 1954	Physics
JOSEPH GILBERT THORP DEBERRY, 1954	English
STANLEY ALBERT FORSTER, 1954	Chemistry
DAVID HUGH KELSEY, 1954	Philosophy
PAUL RICHARD KLEIN, 1954	History
WILLIAM CUSTIS MEADS, 1954	German
LUTZ ALEXANDER PRAGER, 1954	Political Science
PHILIP WARNOCK SILVER, 1954	Spanish
RICHARD KNIGHT TAYLOR, 1954	Sociology
CARLO MARCELLO VENEZIALE, 1954	Chemistry
JOHN GARDENER WALTON, II, 1954	Engineering
ERVIN ROBERT WERNER, 1954	Chemistry

## HONORABLE MENTION

VINCENT S. AVERNA, 1956	English 11-12
VINCENT S. AVERNA, 1956	Social Science 12
JOHN S. BARRETT, 1956	German 15-16
RICHARD L. COHEN, 1956	Physics 13-14
MARC A. FORMAN, 1955	German 13-14
GERALD S. GOODMAN, 1956	Mathematics 21-22
MARSHALL G. GREENBERG, 1956	Mathematics 21-22
JOEL I. JUDOVICH, 1956	English 11-12
STEPHEN BROOKS KNOWLTON, JR., 1956	English 12
ROBIN S. MCDOWELL, 1956	Mathematics 11-12
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MASTERS OF SCIENCE

WARREN L. MEYERS (B.S. Fordham University, 1952)

*Research:* "Alkyl halide derivatives of dinitrobenzoic acid."

ELI P. HALPERN (A.B. Haverford College, 1952)

*Research:* "Characterization of ethers and esters."

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In the next to last column is given the number of the student's dormitory room:

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 F.H. for French House  
 L. for Lloyd Hall  
 M.A. for Merion Annex

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 S.H. for Scull House  
 W.H. for Williams House  
 Y.H. for Yarnall House

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C

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COE, Donald B.	3240 Henry Hudson Pkwy., New York 63, N. Y.	56 L	_____
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D

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E			
ELDRIDGE, Roswell (Page 39)	Rensselaerville, Albany Co., N. Y.	202 B	_____
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FOGEL, Michael R. (Page 58)	11 Manhattan Ave., Crestwood, N. Y.	210 B	_____
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FORMAN, Phillip M. (Page 51)	646 Kelton Ave., Columbus 5, Ohio	215 B	_____
FORMAN, Richard T. (Page 51)	Lombardy Orchard, Easton, Md.	63 L	<u>2-4958</u>
FOSTER, Roger S., Jr. (Page 51)	3420 34th St., N.W., Washington 8, D. C.	61 L	<u>2-4958</u>
FOULKE, David S.	111 Forest Ave., Ambler Pa.	32 WH	_____
FRANCIS, James B., Jr. (Page 51)	219 Broughton La., Villanova, Pa.	Day	_____
FRANKE, Otto L. (Page 39)	2905 Guilford Ave., Baltimore 18, Md.	13 L	<u>9-0423</u>
FREEDMAN, Irwin S. (Page 39)	5646 Beaumont St., Phila. 43, Pa.	Day	_____
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Name	Home Address	College Address	Private Phone
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HARVEY, William B. (Page 59)	532 Avonwood Rd., Haverford, Pa.	Day	_____
HAVILAND, Paul R., Jr.	45 Lincoln Ave., Lansdowne, Pa.	412 B	_____
HAWKINS, John R. (Page 45)	118 Common St., Walpole, Mass.	8 F	2-6519
HAYAKAWA, Ichiya (Page 64)	c/o Oono, 2058 Minamikase, Kawasaki-shi Kanagawa-ken, Japan	31 SH	_____

Name	Home Address	College Address	Private Phone
HAYNES, William G. . . . .	4204 Princeton Ave., Phila. 35, Pa.	Day	_____
HAZELTON, Pierce C. (Page 40). . . . .	475 Churchill Rd., West Englewood, N. J.	17 M	_____
HECHT, Warren B. (Page 52). . . . .	60 Pershing Ave., Elizabeth, N. J.	215 B	_____
HEEG, Michael M. (Page 52). . . . .	68-10 108th St., Forest Hills, L. I., N. Y.	61 L	<u>2-4958</u>
HELMSTADTER, Thomas H. (Page 52). . . . .	2145 Duquesne Ave., McKeesport, Pa.	41 L	<u>9-1429</u>
HENDERSON, Rolland H. . . . .	Paullina, Iowa	110 B	<u>2-6893</u>
HENSEL, David B. (Page 45). . . . .	5566 15th St., N., Arlington 5, Va.	18 F	_____
HILL, Horatio S. (Page 59). . . . .	137 W. 142nd St., New York 30, N. Y.	302 B	_____
HILL, Norman S. (Page 40). . . . .	43 Passaic Ave., Summit, N. J.	213 B	<u>2-5539</u>
HILL, Richard M. (Page 59). . . . .	Wayland Rd., Sudbury, Mass.	315 B	_____
HILSENRAD, Margit (Page 64). . . . .	3/4 Kleine Pfarrgasse, Vienna 2, Austria	24 SH	_____
HINSHAW, Robert E. . . . .	Gonic, N. H.	Day	_____
	Local Address: 268 Montgomer Ave., Haverford, Pa.		
HIRSS, Andris M. (Page 45). . . . .	159 Singleton St., Woonsocket, R. I.	43 L	<u>2-9330</u>
HITZROT, Henry W., Jr. (Page 45). . . . .	S. Compo Rd., Westport, Conn.	8 F	<u>2-6519</u>
HOAG, Joseph H. S. (Page 45). . . . .	251 Harrogate Rd., Penn Wynne, Phila. 31, Pa.	6 F	_____
HODGE, Paul M. (Page 52). . . . .	Norristown Rd., Maple Glen, Pa.	15 F	_____
HODGES, Samuel J. (Page 52). . . . .	Drawer 920, Lynchburg, Va.	33 YH	_____
HOGENAUER, David E. (Page 40). . . . .	648 King St., Port Chester, N. Y.	53 L	<u>2-2998</u>
HOLMES, James D. (Page 59). . . . .	2843 Allendale Pl. N.W., Washington 8, D. C.	305 B	_____
HOOVER, Henry B., Jr. (Page 52). . . . .	Trapelo Rd., South Lincoln, Mass.	106 B	<u>9-1594</u>
HOPKINS, Johns W. (Page 40). . . . .	Darlington, Md.	63 L	<u>2-4958</u>
HOPKINS, P. Donald (Page 52). . . . .	11 North Jackson Ave., Wenonah, N. J.	116 B	<u>2-2163</u>
HOPPER, Robert J. (Page 59). . . . .	77 Kensington Park, Arlington 74, Mass.	71 L	_____
HOPPIN, Nicholas (Page 59). . . . .	131 E. 94th St., New York 28, N. Y.	203 B	_____
HORAN, David E. (Page 52). . . . .	46 Country Club Rd., Melrose 76, Mass.	24 YH	_____
HORNBECK, Richard S. (Page 59). . . . .	14 Sutton Place South, New York 22, N. Y.	6 M	_____
HORNER, Joseph L. (Page 45). . . . .	250 Conway St., Carlisle, Pa.	21 F	_____
HUDSON, Floyd E. (Page 52). . . . .	109 Rehoboth Ave., Rehoboth Beach, Del.	116 B	<u>2-2163</u>

Name	Home Address	College Address	Private Phone
HUME, Ann T. (Page 64)	2 Montague Terrace, Brooklyn, N. Y.	27 SH	_____
HUMPHREYS, Marvin W. (Page 59)	4508-38th St., N.W., Washington 16, D. C.	11 M	_____
HUNT, Peter T. (Page 59)	464 6th Ave., New York 11, N. Y.	206 B	_____
HUNT, Robert W. (Page 52)	5404 Kimbark Ave., Chicago 15, Ill.	4 FH	_____
HUNTER, Allan A., Jr.	1937 Myra Ave., Los Angeles 27, Calif.	31 L	_____
HURCHALLA, George (Page 59)	Yost Rd., RD#3, Norristown, Pa.	310 B	_____
HURD, Christopher, W., Jr. (Page 53)	Upland Fields Rd., Lincoln, Mass.	213 B	<u>2-5539</u>

I

INNES, Bruce J. M. (Page 45)	1345 Crofton Rd., Baltimore 12, Md.	51 L	_____
IRIYE, Akira (Page 53)	332,3-chome, Narimune, Suginami-ku, Tokyo, Japan	110 B	<u>2-6893</u>
IRVINE, Robert A. (Page 45)	617 Williamson Rd., Bryn Mawr, Pa.	Day	_____
ISAY, Richard A. (Page 45)	1230 Squirrel Hill Ave., Pittsburgh 17, Pa.	83 L	<u>2-0824</u>

J

JAECKEL, Ralph (Page 40)	148 East Philadelphia St., York, Pa.	116 MA	_____
JOHNSON, M. Alanson, II (Page 40)	1425 Market St., Lewisburg, Pa.	55 L	<u>9-0729</u>
JOHNSON, Myles A. (Page 60)	2860 Lafayette Ave., New York City 65, N. Y.	207 B	_____
JOHNSON, Otis S. (Page 45)	39 Kirkland St., Cambridge 38, Mass.	64 L	<u>2-4958</u>
JOHNSON, Richard M. (Page 46)	714 2nd St., S., Kirkland, Wash.	43 L	<u>2-9330</u>
JOHNSON, Stanley B. (Page 53)	24 Ravine Rd., Wellesley Hills, Mass.	106 B	<u>9-1594</u>
JOHNSTON, Jamie H. (Page 60)	6909 1/2 Bonita Terrace, Hollywood 28, Calif.	316 B	_____
JONES, Everett L., III (Page 53)	111-1/2 S. Main St., Federalsburg, Md.	116 B	<u>2-2163</u>
JORDAN, John S., Jr. (Page 40)	5000 Bates Rd., N.E., Washington 11, D. C. Local Address: c/o Mrs. Arthur W. Palmer County Line Rd. & Buck La., Haverford, Pa.	Day	_____
JOSLYN, Allen S. (Page 60)	326 N. Grove St., Lock Haven, Pa.	11 M	_____
JOYCE, Thomas J., Jr.	557 E. Gates St., Phila. 28, Pa.	Day	_____
JUDD, Stuart E., Jr. (Page 53)	East Side Rd., Woodbury, Conn.	83 L	<u>2-0824</u>
JUDOVIICH, Joel I. (Page 46)	2006 Delancey Place, Phila. 3, Pa.	203 B	_____

Name	Home Address	College Address	Private Phone
K			
KABACK, H. Ronald (Page 60)	8401 Germantown Ave., Phila. 7, Pa.	203 B	_____
KAHN, Stephen J.	376 Bleecker St., New York 10, N. Y. Local Address: 605 Railroad Ave., Haverford, Pa.	Day	_____
KALEN, Norman L. (Page 46)	Apartado 1561, Caracas, Venezuela, S. A.	23 WH	_____
KANTER, Ira E. (Page 40)	73 Sheffield Rd., Newtonville, Mass.	53 L	<u>2-2998</u>
KEELEY, George P. (Page 46)	7110 Louise Rd., Phila. 38, Pa.	94 L	<u>2-9144</u>
KELLY, Richard M. (Page 60)	Westtown School, Westtown, Pa.	105 B	_____
KEMMERER, John L.	Residence Park, Palmerton, Pa.	4 F	_____
KEPNER, Chase D. (Page 40)	Millersville RD#6, Box 1134, Lancaster, Pa.	56 L	_____
KERN, Donald E. (Page 40)	Washington La., Huntingdon Valley, Pa.	107 MA	_____
KERR, Douglas S. (Page 60)	c/o Mr. P. C. Jessup, Jr., 2025 Shore Blvd., Long Island City 5, N. Y.	205 B	_____
KILPATRICK, Robert W. (Page 53)	707 N. W. 20th St., Gainesville, Fla.	109 B	_____
KIRBY, Edwin J., Jr. (Page 53)	1711 E. 32nd St., Baltimore 18, Md.	32 YH	_____
KLEIN, Arthur (Page 40)	The Cottage, Harcum Jr. College, Bryn Mawr, Pa.	3 F	<u>2-6616</u>
KLINMAN, Jerry (Page 46)	302 Calvert Rd., Merion, Pa.	Day	_____
KLINMAN, Norman R. (Page 60)	302 Calvert Rd., Merion, Pa.	Day	_____
KLOTS, Cornelius E.	215 Young Ave., Pelham, N. Y.	54 L	_____
KNIGHT, Charles A. (Page 60)	410 Ridge Rd., Middletown, Conn.	314 B	_____
KNOWLTON, Stephen B., Jr. (Page 46)	126 Sharon Ave., Sharon Hill, Pa.	Day	_____
KOCH, Heinz F.	3026 Cheltenham Ave., Phila. 19, Pa.	Day	_____
KOSKOFF, Eric G. (Page 60)	5500 Hobart St., Pittsburgh 17, Pa.	317 B	_____
KRAUSE, Robert L. (Page 60)	113 Beverly Rd., Phila. 31, Pa.	308 B	_____
KRAVIS, Gary I.	218 Stoneway La., Merion, Pa.	Day	_____
KREISHER, John H.	561 Topping Hill Rd., Westfield, N. J. Local Address: 33 Glenbrook Rd., Ardmore, Pa.	Day	_____
KUMMER, Theodore G. (Page 46)	Carversville, Pa. Local Address: #3 College Circle, Haverford, Pa.	Day	_____
KUNZ, Earl N., Jr. (Page 60)	7615 Rockwell Ave., Phila. 11, Pa.	316 B	_____
KURKJIAN, Ernest	1617 Race St., Phila. 3, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
KURZMAN, Harold P., Jr. (Page 60)	1035 5th Ave., New York 28, N. Y.	10 FH	_____
KUSHNER, David A.	29 Bryn Mawr Ave., Bala-Cynwyd, Pa.	64 L	2-4958

L

LACHMAN, Alan B. (Page 53)	5420 Connecticut Ave., N.W., Washington 15, D. C.	7 F	_____
LADENBURG, Thomas J. (Page 46)	69 Oakland Ave., Tuckahoe, N. Y.	118 B	_____
LANE, Charles B. (Page 46)	120 Kingwood Park, Poughkeepsie, N. Y.	73 L	9-0529
LANGSAM, Walter E. (Page 46)	300 Carlisle St., Gettysburg, Pa.	31 L	_____
LEEDS, Robert W., Jr.	46 Righters Mill Rd., Narberth, Pa.	Day	_____
LENFEST, David S. (Page 60)	Waldoboro, Me.	303 B	_____
LETCHER, John H. (Page 53)	Rockdale Addition, Miami, Okla. Local Address: 5 College Circle, Haverford, Pa.	Day	_____
LEVIN, Joel M. (Page 53)	301 W. Tabor Rd., Phila. 20, Pa.	217 B	_____
LEWIS, Robert P.	25 Plaza St., Brooklyn 17, N. Y.	8 FH	_____
LINDEMAN, Robert J. (Page 53)	227 E. 3rd St., Waynesboro, Pa.	209 B	2-5539
LONG, William H., III (Page 53)	5200 Wesley Ave., Baltimore 7, Md.	94 L	2-9144
LUBIN, Jack (Page 40)	5316 Delancey St., Phila. 43, Pa.	Day	_____
LUTHERER, Lorenz O. (Page 60)	RFD#4, Chagrin Falls, Ohio	10 FH	_____

M

MACK, Charles S. (Page 53)	246 W. Upsal St., Phila. 19, Pa.	114 B	_____
MacKENZIE, John R. (Page 40)	104 D-1 Charles Dr., Bryn Mawr, Pa.	Day	_____
MacKOWN, Craig (Page 46)	40 Robin Rd., West Hartford, Conn.	33 L	2-5865
MACON, Edwin J. (Page 60)	Timberlake Dr., Rt. 3, Knoxville, Tenn.	105 B	_____
MADDOCK, Thomas, II (Page 60)	River Rd., Trenton 8, N. J.	22 YH	_____
MAIDEN, Don R. (Page 40)	8801 Crefeld St., Phila. 18, Pa.	Day	_____
MALANI, Chandru (Page 40)	c/o Beauforts & Co., 55 Churchgate St., Bombay, India	111 MA	_____
MANCHESTER, C. B. Ray (Page 40)	5365 Wissahickon Ave., Phila. 44, Pa.	Day	_____
MANDELL, Morton S. (Page 41)	475 Warick Rd., Wynnewood, Pa.	82 L	2-2748
MANHEIM, Anthony A. (Page 61)	912 Fifth Ave., New York, N. Y.	220 B	_____

Name	Home Address	College Address	Private Phone
MANN, Harold M. (Page 46)	126 E. Riverbank, Beverly, N. J.	73 L	<u>9-0529</u>
MAREK, Richard W. (Page 41)	151 Central Park, W., New York City, N. Y.	122 M	_____
MARQUARDT, John F. (Page 46)	5830 Stony Island Ave., Chicago 37, Ill.	34b SH	<u>2-2871</u>
MARTENIS, Thomas W. (Page 46)	RFD#4, Elkton, Md.	44 L	_____
MASLAND, William S. (Page 41)	42 Summit St., Phila. 18, Pa.	51 L	_____
MASTERSON, Robert D. (Page 41)	c/o Mr. T. G. Masterson, Morgan Hotel, Ft. Myers, Fla.	12 L	<u>9-0423</u>
MATLACK, Louis R. (Page 53)	101 Colonial Ave., Moorestown, N. J.	21 L	_____
MAZUREK, Stanley (Page 46)	3426 E. Edgemont St., Phila. 34, Pa.	14 M	_____
McCANDLESS, Richard L. (Page 41)	Beechwood Blvd., M.R. #10, Butler, Pa.	55 L	<u>9-0729</u>
McCANN, James R. (Page 41)	c/o H. V. Douglas, State Rd., N. C.	14 F	_____
McDONALD, John G. (Page 41)	126 S. Van Buren St., Rockville, Md.	56 L	_____
McDOWELL, Robin S. (Page 47)	895 Riverton Terrace, Stratford, Conn.	72 L	_____
McLEAN, Arthur M. (Page 47)	36 Sherman Ave., Dobbs Ferry, N. Y.	21f F	_____
McMASTERS, James L. (Page 47)	Box 700, Havana, Cuba	31 WH	<u>2-7738</u>
MEAD, Donald C. (Page 47)	11 Horseguard Lane, Scarsdale, N. Y.	22 L	_____
MEAKER, Douglas W. (Page 53)	166 Sandy Valley Rd., Dedham, Mass. Local Address: c/o Holland Hunter, Woodside Cottage, Haverford, Pa.	Day	_____
MEDSGER, Thomas A., Jr. (Page 61)	213 Mitchell La., Edgeworth, Sewickley, Pa.	318 B	<u>2-8863</u>
MELCHER, William D. L.	Old Conestoga Rd., Malvern RD#1, Pa.	Day	_____
MERRILL, Nathaniel S. (Page 41)	20 Pine St., Exeter, N. H. Local Address: Woodside Cottage, Haverford, Pa.	Day	_____
MEYER, Jean C. (Page 61)	The Grange, Scarborough, N. Y.	8 FH	_____
MEZGER, Erik B.	Oak Hill Farm, Henderson Rd., Bridgeport, Pa.	Day	_____
MICHAEL, John R.	105 Lansdowne Court, Lansdowne, Pa.	Day	_____
MIKHAIL, John H. (Page 47)	Ramallah, Jordan	73 L	<u>9-0529</u>
MILAM, Lorenzo W. (Page 61)	1894 Edgewood Ave., Jacksonville 5, Fla.	115 B	<u>2-2830</u>
MILLER, Edward W., Jr. (Page 47)	430 E. 65th St., New York 21, N. Y.	7 F	_____
MILLER, Louis H. (Page 47)	3817 Menlo Dr., Baltimore 15, Md.	122 MA	_____
MINNICH, Edward L., Jr. (Page 47)	106 Mooreland Ave., Carlisle, Pa.	24 YH	_____

Name	Home Address	College Address	Private Phone
MOHR, Jay (Page 61)	1322 Oakwood Court, Lynchburg, Va.	103 B	_____
MONKEMEYER, J. Shenton (Page 61)	84 - 21 Chapin Parkway, Jamaica 32, N. Y.	10 M	_____
MONROE, Richard C. (Page 47)	116 Castlewood Rd., Baltimore 10, Md.	84 L	_____
MONTGOMERY, J. Langford, Jr. (Page 61)	23 Lexington Ave., Pitman, N. J.	314 B	_____
MOODY, James P., Jr. (Page 54)	c/o B. Stetter, Sleepy Hollow Rd., Briarcliff Manor, N. Y.	7 FH	_____
MORROW, Grant, III (Page 41)	15 Canterbury Rd., Pittsburgh 2, Pa.	23 L	<u>9-9644</u>
MOSES, Sanford H., Jr. (Page 54)	8 Prospect St., Winchester, Mass.	34 L	<u>2-9305</u>
MOSS, Urban H., Jr. (Page 41)	5006 Blythewood Rd., Baltimore 10, Md. Local Address: 785 College Ave., Haverford, Pa.	Day	<u>2-5874</u>
MOSS, William W. (Page 54)	704 Powell St., Williamsburg, Va. Local Address: 5 College Circle, Haverford, Pa.	Day	_____
MURRAY, William M. (Page 54)	Camp Hill RD#1, Pa.	9 FH	<u>2-4614</u>
MUSSER, Harold E., Jr. (Page 61)	P.O. Box 246 or Parsons Hill, Somerset, Pa.	22 YH	_____
MUSSER, John H. (Page 54)	Box 116, Mount Joy, Pa.	8 M	_____

N

NAUMAN, Daniel W. (Page 54)	549 Virginia Ave., Havertown, Pa.	Day	_____
NEIMARK, Paul G. (Page 47)	5124 Hyde Park Blvd., Chicago 15, Ill.	2 F	_____
NEUHAUS, Charles F. (Page 41)	P. O. Box 451, Ventura, Calif.	63 L	<u>2-4958</u>
NEUMEYER, William L., III (Page 54)	1245 Josephine St., (Apt. 10) Denver 6, Colo.	409 B	_____
NICKEL, Paul E.	5133 Fenton Rd., Flint, Mich.	13 M	_____
NOBLE, Jay A. (Page 41)	1272 Clove Rd., Staten Island 1, N. Y.	82 L	<u>2-2748</u>
NOLTE, Kemble P. (Page 61)	607 E. Belle Ave., Milwaukee, Wis.	207 B	_____
NOWLIS, David P. (Page 61)	900 Highland Ave., Rochester 20, N. Y.	6 FH	_____
NOYES, Robert W. (Page 54)	23 Fernwood Place, Mt. Lakes, N. J.	81 L	_____

O

O'BRIEN, Robert R. (Page 64)	12 Nelson St., Framingham, Mass.	32 SH	_____
ORTMAN, H. William	6644 Boyer St., Phila. 19, Pa.	52 L	_____
OSLER, John H., III (Page 41)	717 Belmont Ave., Collingswood, N. J.	52 L	_____

Name	Home Address	College Address	Private Phone
P			
PACKARD, William M. (Page 47)	156 E. 79th St., New York 21, N. Y.	24 L	9-9064
PAINÉ, Lincoln D. (Page 54)	300 Hammond St., Chestnut Hill, Mass.	414 B	2-7599
PANKEN, Peter M.	915 West End Ave., New York 25, N. Y.	113 B	2-0323
PARKER, Daniel E. (Page 61)	40 W. Oak St., Ramsey, N. J.	6 FH	
PARKER, Garth R. (Page 41)	1001 Black Rock Rd., "Sunset View" Gladwyne, Pa.	61 L	2-4958
PATT, Robert F.	8301 Cadwalader Rd., Elkins Park, Pa.	20 F	
PAUL, David T.	540 E. Graver's La., Phila. 18, Pa.	Day	
PEARSON, Bruce F.	Old Chalfont Rd., Fricks, Pa.	7 FH	
PENICK, Theodore G. (Page 41)	245 Washington Ave., Chatham, N. J.	91 L	2-9144
PENNELL, Franklin H., Jr. (Page 61)	Spencer Rd., Ivyland, Pa.	31 YH	
PEPPER, William, Jr.	20 E. Bells Mill Rd., Phila. 18, Pa.	32 L	2-9713
PERERA, John B. (Page 47)	9 Hathaway Rd., Scarsdale, N. Y.	32 L	
PFALTZ, John L. (Page 47)	10 Windermere Terrace, Short Hills, N. J.	22 L	
PHELPS, Paulding (Page 41)	11 West Chestnut Ave., Phila. 18, Pa.	24 L	9-9064
PHILLIPS, Harvey E. (Page 61)	67 Petersville Rd., New Rochelle, N. Y.	4 M	
PINE, Edward H. (Page 54)	11-18 Fairhaven Place, Fair Lawn, N. J.	113 B	2-0323
PLASS, Neil W. (Page 54)	601 Clyde St., Apt. 7. Pittsburgh 13, Pa.	21 L	
PLATENIUS, Peter H. (Page 54)	Casilla 247, Santa Cruz, Bolivia, S. A.	211 B	2-5539
PLATT, Hermann K. (Page 61)	Lurgan Rd., New Hope, Pa.	107 B	2-0438
POTTER, David	816 S. 47th St., Phila. 43, Pa.	51 L	
PRATT, Robert G.	144 Ardmore Ave., Haddonfield, N. J.	108 B	2-8750
PRICE, Hollis F., Jr. (Page 61)	825 Walker Ave., Memphis 6, Tenn.	212 B	
PRICE, Leighton A. (Page 62)	"Fairmeadows" RFD#3, Centerdale 11, R. I.	4 M	
PRICE, Robert B., Jr. (Page 54)	5118 Kanawha Ave., Charleston 4, W. Va.	14 L	

R

RALPH, Boyd G. (Page 62)	Washington & Jefferson Sts., Gastonville, Pa.	119 B	
RANDALL, Mark H. (Page 62)	Haverford College, Haverford, Pa.	Day	



Name	Home Address	College Address	Private Phone
RAPER, Harrison C. (Page 42)	Route 2, Vienna, Va.	17 M	_____
RAUCH, Richard M. (Page 62)	227 South St., Harrisburg, Pa.	119 B	_____
READ, Robert E. (Page 42)	208 Hamilton Rd., Ridgewood, N. J.	53 L	2-2998
REEVES, Francis B. (Page 42)	Blue Bell, Pa.	33 L	2-5865
REHMEYER, Richard C. (Page 62)	647 N. Hawthorne St., York, Pa.	41 L	9-1429
REGAN, Theodore M., Jr. (Page 47)	7001 Andrews Ave., Phila. 38, Pa.	44 L	_____
REILL, James H. (Page 62)	543 Country Club La., Havertown, Pa.	Day	_____
REMSBERG, Elva Mahala (Page 64)	Middletown, Md.	23 SH	_____
RENKEN, Fritz G.	1611 Harris Rd., Phila. 18, Pa.	Day	_____
RENNER, Peter M. (Page 47)	35 Freemont Drive, Tuscaloosa, Ala.	215 B	_____
RHOADS, John B.	101 Paxtang Ave., Paxtang, Harrisburg, Pa.	31 L	_____
RICE, Daniel H., III (Page 42)	47 Laconia Rd., Worcester 9, Mass.	Day	_____
RIDGEWAY, Robert G.	425 W. Cheltenham Ave., Phila. 44, Pa.	Day	_____
RICHARDSON, H. Burt, Jr. (Page 47)	131 Pennington Ave., Passaic, N. J.	118 B	_____
RIEGL, Jan A. (Page 62)	6201 5th Ave., Apt. 3-B, Pittsburgh 32, Pa.	4 F	_____
RIVERS, Richard D. (Page 42)	49 S. Franklin St., Wilkes-Barre, Pa.	101 MA	_____
ROBINSON, Douglas C. (Page 54)	55 Coniston Ave., Waterbury, Conn.	216 B	_____
ROBINSON, Raymond B. (Page 62)	12 Cooper La., Larchmont, N. Y.	216 B	_____
ROCKWELL, Peter B. (Page 62)	P.O. Box 31, Stockbridge, Mass.	318 B	2-8863
RODEWALD, Paul G., Jr. (Page 62)	508 Edgerton Place, Pittsburgh 8, Pa.	219 B	_____
ROLOFF, Michael W. (Page 62)	153 Columbia Hts., Brooklyn, N. Y.	7 M	_____
ROSENBERGER, Peter B. (Page 42)	RD#8, New Castle, Pa.	33 L	2-5865
RUPPENTHAL, C. Robert, Jr. (Page 48)	405 Glenway Rd., Erdenheim, Phila. 18, Pa.	73 L	9-0529

S

SANGREE, M. Huyett, Jr. (Page 42)	118 Paramount Pkwy., Kenmore 17, N. Y. Local Address: 742 College Ave., Haverford, Pa.	Day	_____
SANSON, Ralph C., Jr. (Page 54)	25 - 65th Place, Long Beach 3, Calif.	313 B	_____
SARNOFF, Stephen B. (Page 62)	4201 Massachusetts Ave., N.W., Washington, D. C.	7 M	_____
SAYLES, William A. (Page 62)	10 Longwood Dr., Wayne, Pa.	Day	_____

Name	Home Address	College Address	Private Phone
SCHATANOFF, David (Page 62)	New Freedom, York Co., Pa.	21 YH	_____
SCHATANOFF, Joseph (Page 42)	Main St., New Freedom, York Co., Pa.	115 MA	_____
SCHERER, Edward U. (Page 42)	349 Allegheny St., Jersey Shore, Pa.	222 B	_____
SCHOONOVER, Eric T. (Page 62)	The American University, Cairo, Egypt	317 B	_____
SCHOTT, John R. (Page 55)	15 Benjamin West Ave., Swarthmore, Pa.	12 L	9-0423
SCHRAMM, Richard E. (Page 63)	724 Price St., West Chester, Pa.	315 B	_____
SCHULTHEIS, Carl F.	2090 Oakmont Ave., Havertown, Pa.	Day	_____
SCHUMPERT, O. Lamar, Jr. (Page 62)	Central Presbyterian Church, 7th & Mulberry Sts., Terre Houe, Ind.	320 B	_____
SCHWARTZ, Robert G. (Page 42)	1104 Muhlenberg Ave., Swarthmore, Pa.	54 L	_____
SCHWENTKER, Frederic N. (Page 48)	209 Tunbridge Rd., Baltimore 12, Md.	413 B	_____
SCOTT, Alexander F., Jr. (Page 42)	1950 Plymouth St., Phila. 38, Pa.	102 B	_____
SEAVER, David B.	1191 Stanyan Ave., San Francisco 17, Calif.	82 L	2-2748
SEAVER, Paul S.	1191 Stanyan St., San Francisco, Calif.	24 L	9-9064
SEELEY, Robert A. (Page 42)	878 Central Ave., Hammonton, N. J.	32 L	2-9713
SEMANS, H. Stark (Page 48)	350 Woodbine Ave., Penn Valley, Pa.	13 F	_____
SHAW, Herbert W. (Page 48)	104-31 124th St., Richmond Hill 19, L. I., N. Y.	93 L	2-9144
SHEDD, Gordon M.	201 Poplar Ave., Wayne, Pa.	Day	_____
SHULTZ, Robert L. (Page 63)	No. 6, Crab Apple La., Rockford, Ill.	108 B	2-8750
SIEVERTS, Steven H. (Page 48)	200 Main St., Riverton, N. J.	112 MA	_____
SLAVIN, Frances (Page 64)	5 Tudor City Place, New York, N. Y.	21 SH	_____
SMITH, Earl J. (Page 63)	333 E. Lincoln Ave., New Castle, Pa.	120 B	_____
SMITH, Michael E. (Page 48)	246 Western Ave., Gloucester, Mass.	24 L	9-9064
SOTOMAYOR, Guy G. (Page 48)	2 South Drive, Roslyn, N. Y.	34 WH	_____
SPEICHER, John K., Jr. (Page 42)	270 Orchard Rd., Newark, Del.	8 M	_____
SQUIRES, Edward C. (Page 63)	818 Youngsford Rd., Gladwyne, Pa.	105 B	_____
STEELE, Thomas H. (Page 63)	206 Euclid Ave., New Castle, Pa.	114 B	_____
STEERE, Geoffrey H. (Page 48)	505 Wayne Ave., Waynesboro, Va.	34b SH	2-2871
STEPHENS, John M.	Concord Pike & Silverside Rd., RD#2, Wilmington, Del.	14 M	_____

Name	Home Address	College Address	Private Phone
STEVENS, Edward J., III (Page 55)	14250 Bustleton Pike, Phila. 16, Pa.	34 L	2-9305
STINE, William D. (Page 55)	2116 Allen St., Allentown, Pa.	7a F	
STOVER, Donald O. (Page 55)	5801 Bahama Shores Dr., St. Petersburg, Fla.	117 B	2-9184
STROTBECK, John M. (Page 42)	122 N. Rumson Ave., Margate City, N. J.	91 L	2-9144
SUPPLEE, John G. (Page 42)	45 Woodland Ave., Glen Ridge, N. J.	62 L	2-4958
SUTTON, David C. (Page 42)	785 College Ave., Haverford, Pa.	13 L	
SWIFT, Daniel W. (Page 55)	160 Maskwonicut St., Sharon, Mass.	215 B	
SWINTON, Neil W., Jr. (Page 48)	41 Wamesit Rd., Waban 68, Mass.	93 L	2-9144

T

TANNENBAUM, Kenneth A. (Page 63)	103 Wilklow Ave., Hempstead, N. Y.	21 YH	
TAWELL, Arthur L. (Page 55)	Stuart Lane, Woods Hole, Mass.	15 M	
THOMAS, Charles H., Jr. (Page 63)	3936 Grant Ave., Phila. 14, Pa.	318 B	2-8863
THOMAS, E. J. Baylis	40 Rockglen Rd., Phila. 31, Pa.	Day	
THOMAS, Henry M., III (Page 55)	314 Overhill Rd., Baltimore 10, Md.	81 L	
THOMAS, John W. (Page 48)	RD#1, Ringoes, N. J.	23 L	9-9644
THOMPSON, Edward J., Jr. (Page 48)	911 Presqueisle St., Philipsburg, Pa.	19 F	
TILLEY, Jon P. (Page 63)	1402 E. Patterson Ave., Kirksville, Miss.	219 B	
TODD, Richard H., Jr. (Page 63)	29 Kalorama Circle, N.W., Washington 8, D. C.	307 B	
TOGASAKI, Robert K.	1848 Buchanan St., San Francisco, Calif.	118 B	
TORG, Joseph S. (Page 55)	1324 Medary Ave., Phila. 41, Pa.	94 L	2-9144
TRAUT, Robert R. (Page 48)	747 Santa Clara Ave., Claremont, Calif.	74 L	9-0529
TYSON, William B. (Page 55)	22 Rope Ferry Rd., Hanover, N. H.	35 WH	

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UNGER, Thomas (Page 55)	234 State St., Perth Amboy, N. J.	204 B	2-6835
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V

VanARKEL, Arthur T. (Page 63)	230 Oak Ave., Haddonfield, N. J.	205 B	
VanDUSEN, Derek B. (Page 63)	606 W. 122nd St., New York 27, N. Y.	315 B	

Name	Home Address	College Address	Private Phone
VERSACI, Frank, Jr. (Page 55)	6437 N. Park Ave., Phila. 26, Pa. Local Address: 521 Panmure Rd., Haverford, Pa.	Day	_____
VINEY, James L. (Page 48)	c/o Col A. G. Viney, Hq. C/S, Comm. Zone, USAREUR, A.P.O. 58. N. Y.	33 WH	_____
VOGEL, Carl S., Jr. (Page 55)	412 Righters Mill Rd., Penn Valley, Pa.	32 L	<u>2-9713</u>
W			
WAGNER, Richard V. (Page 55)	203 Goodale Rd., Baltimore 12, Md.	311 B	_____
WALLACE, John G. (Page 48)	36 Woodbridge St., South Hadley, Mass.	108 B	<u>2-8750</u>
WALLACE, Robert P. (Page 48)	123 Lawrence Ave., Homestead Park, Pa.	21 F	_____
WALTON, David S. (Page 49)	309 S. 21st St., Brigantine, N. J.	22 L	_____
WALTON, Howard L. (Page 55)	#6 North Ave., Wyncote, Pa.	Day	_____
WARDE, William D. (Page 55)	19 Norris Rd., Hyde Park 36, Mass.	7a F	_____
WEAVER, Harold D., Jr. (Page 49)	Delaware State College, Dover, Del.	84 L	_____
WEEKS, Edward F. (Page 56)	59 Chestnut St., Boston, Mass.	106 B	<u>9-1594</u>
WEIGERT, Martin G. (Page 63)	4954 Brandywine St., N.W., Washington 16, D. C.	10 M	_____
WHITE, Courtland Y.	Rebel Fox Farm, Paoli, Pa.	Day	_____
WHITE, William, Jr.	621 Villa Rd., Drexel Hill, Pa.	301 B	_____
WHITNEY, James N. (Page 56)	413 Valley Forge Rd., Wayne, Pa.	81 L	_____
WIELAND, D. Alexander, Jr. (Page 49)	Spring Lane, Roxboro, Phila. 28, Pa.	22 L	_____
WIGGENHORN, Anthony W. (Page 63)	Clarkstown Country Club, Nyack, N. Y.	31 YH	_____
WILBUR, E. Reed (Page 56)	115 Pennsylvania Ave., Bryn Mawr, Pa.	411 B	_____
WILENTZ, Jack N. (Page 56)	185 High St., Perth Amboy, N. J.	204 B	<u>2-6835</u>
WILLCOX, David L. (Page 56)	627 Highland Rd., Ithaca, N. Y.	Day	_____
WILLIS, Thayer (Page 49)	9 Bettswood Rd., Norwalk, Conn.	121 MA	_____
WILLS, Daniel C. (Page 63)	40 Cross St., Westerly, R. I.	16 M	_____
WILSON, Robert G. (Page 43)	920-D Pelhamdale Ave., Pelham, N. Y.	91 L	<u>2-9144</u>
WINANS, Charles S. (Page 56)	1434 Navahoe Dr., Mt. Lebanon, Pittsburgh 28, Pa.	411 B	_____
WINTER, Donald P. (Page 63)	110 Poplar Dr., Pittsburgh 28, Pa.	104 B	_____
WITHERSPOON, Gerald S. (Page 49)	2988 Wicklow Rd., Columbus, Ohio	11 L	<u>9-0423</u>

Name	Home Address	College Address	Private Phone
WOLF, Jean L.	50 Central Park, W., New York 23, N. Y.	13 M	_____
WOOD, William E. (Page 43)	Hidden Springs, Neshanic Sta., N. J.	62 L	<u>2-4958</u>
WOODHAM, Lewis R. (Page 49)	181 Pasadena Place, Hawthorne, N. J.	21 BF	_____
WOODRUFF, Roy H. (Page 56)	22 E. 8th St., New York City, N. Y.	217 B	_____
WORDEN, Stanley (Page 43)	24 The Green, Dover, Del.	1 F	_____
WOZNICKI, Lamar deB. (Page 49)	318 E. Meehan Ave., Phila. 19, Pa.	105 MA	_____

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YOST, William A., III (Page 56)	1936 N. 74th St., Wauwatosa 13, Wis.	313 B	_____
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ZAMBA-REEVES, Joseph J.	Fastsville, Ysd. Basson Co., Monrovia, Liberia, West Africa	16 F	_____
ZAVITZ, Peter K. C. (Page 56)	4205 Stanford St., Chevy Chase 15, Md.	21 L	_____















