

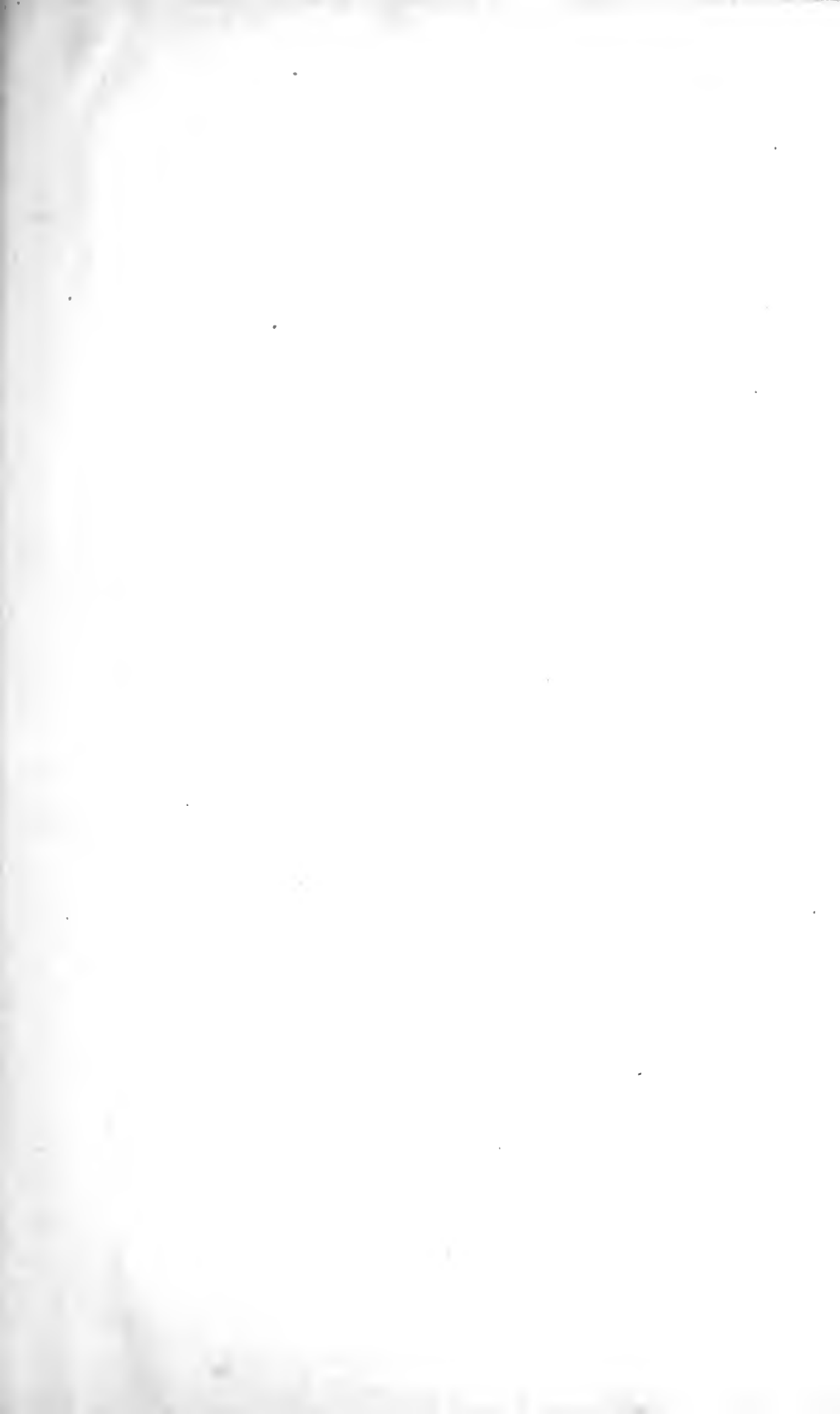
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ACADEMIC YEAR 1945 - 1946

Vol. XLIV DIRECTORY No. 1

FACULTY AND STAFF

Name	Residence Haverford, unless otherwise noted	Telephone Ardmore, unless otherwise noted	Office
(B.M.=Bryn Mawr, H.C.=Haverford Coll.)			
Allendoerfer, Carl B.	750 Rugby Rd., B.M.	B.M.2568 J	Founders, Center West
Asensio, Manuel J.	2 College Lane	4163	Founders, West
Beard, Mabel S.	Infirmary, H.C.	3036	Infirmary
Benham, Thomas A.	3 College Lane	6044	Sharpless 14
Brinton, Howard H.	Plushmill Rd., Wallingford	Media 4057	
Cadbury, William E., Jr.	791 College Ave.	0203 W	Chem. Lab. 22
Caselli, Aldo	Merion Hall, H.C.	5562	Roberts, 1st fl.
Comfort, Howard	5 College Circle	3732	Sharpless 40
Comfort, William W.	South Walton Rd.	0455	
Cooper, Bennett S.	521 Panmure Rd.	3254 M	Founders, East
Docherty, William, Jr.	747 Church Lane, Yeadon		Gymnasium
Drake, Thomas E.	702 Pennstone Rd., B.M.	B.M.1534	Library, Treasure Room
Dunn, Emmett R.	748 Rugby Rd., B.M.	B.M.2753	Sharpless 39
Evans, Arlington	324 Boulevard, Brookline, Upper Darby	Hilltop 2043	Gymnasium
Evans, Francis Cope	1 College Lane	4049 W	Sharpless 32
Fetter, Frank W. *			Whitall 9
FitzGerald, Alan S.	Warick Rd. and Cotswold Land, Wynnewood	1404	Sharpless 9
Flight, John W. *	753 College Ave.	4409 W	Sharpless 42
Foss, Martin	1a College Lane	1599	Library 49
Green, Louis C. **	791 College Ave.	4409 J	Observatory
Haddleton, Alfred W.	29 Tenmore Rd.	B.M.1235 W	Gymnasium
Henry, Howard K.	1464 Drayton Lane, Penn Wynne	3913 J	Sharpless 31
Herndon, John G.	1 College Lane	0364	Library 2
Hetzel, Theodore B. **	768 College Ave.	4393 W	Hilles, 2nd fl.
Hoag, Gilbert T.	Woodside, H.C.	1402 W	Roberts, 2nd fl.
Holmes, Clayton W.	720 Millbrook Lane	4269 W	Hilles, 1st fl.
Jones, Rufus M.	2 College Circle	2777	
Jones, Thomas O. *			Chem. Lab. 6
Kelly, John A.	3 College Lane	4160	Whitall 11
Klatt, Mrs. Mabel H.	Founders Hall, H.C.	9533	Founders, Dining Room
Lockwood, Dean P.	6 College Circle	1402 J	Library
Lunt, William E.	5 College Lane	1507 W	Whitall 10
MacIntosh, Archibald	3 College Circle	0961	Roberts, 2nd fl.
Meldrum, William B.	747 College Ave.	0881 J	Chem. Lab. 10
Oakley, Cletus O.	Featherbed Lane	3109 W	
Palmer, Frederic, Jr.	1 College Lane	6878	Founders, Center East
Pepinsky, Abraham	7 College Lane	5324	Sharpless 21
Pfund, Harry W.	624 Overhill Rd., Ardmore	5532	Whitall 8

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<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Ardmore, unless otherwise noted	<u>Office</u>
Post, Amy L.	C-3 Dreycott Apts.	1643 M	Library 28
Post, L. Arnold	9 College Lane	0258 M	Library 51
Randall, Roy E.			Gymnasium
Rantz, J. Otto	2122 Chestnut Ave., Ardmore		Hilles, Lab.fl.
Reid, Legh W.	Merion Hall, H.C.	1742	
Rittenhouse, Leon H.	6 College Lane	5522	
Sargent, Ralph M.	4 College Circle	3339	Whitall 7
Snyder, Edward D. **	36 Railroad Ave.	0712	Whitall 12
Spaeth, J. Duncan	Upper Gulph Rd., Wayne	Wayne 2244	Whitall 14
Steere, Douglas V.	739 College Ave.	0162	Whitall 3
Stinnes, Edmund H.	751 Millbrook Lane	6759	
Sutton, Richard M.	785 College Ave., facing Walton Rd.	0742 W	Sharpless 17
Swan, Alfred	624 Overhill Rd., Ardmore	5532	Union, Music Room
Taylor, Dr. Herbert W.	457 Lancaster Ave.	2383	Infirmary
Teaf, Howard M., Jr.	3 College Lane	4049 J	Whitall 9
Watson, Frank D.	773 College Ave.	2937	Whitall 6
Williamson, A. Jardine **	4 College Lane	4023	
Wilson, Albert H.	765 College Ave.	1853	
Wylie, Laurence W.	Gov't House, H.C.	9461	Founders, West

*Indicates absence during first semester.

** Indicates absence during whole academic year.

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 1 p.m. on Saturday, none Sunday) any of the offices listed below can be reached by calling Ardmore 6400.

When there is no operator on duty, use the following telephone number:

Ardmore 0767 Library; Maintenance and Operation Office
Ardmore 0221 Dean; Comptroller
Ardmore 0763 Hilles Laboratory; Physics Laboratory
Ardmore 3036 Infirmary
Ardmore 3761 President's Office

FACULTY OFFICE TELEPHONES

The offices of most of the members of the Faculty may be reached by calling Ardmore 6400 during the hours when there is an operator at the switchboard.

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COLLEGE OFFICE AND BUILDING TELEPHONES

Unless otherwise noted, all telephones below may be reached
by calling Ardmore 6400

Acting President, Archibald MacIntosh	
Admissions, Archibald MacIntosh, Director	
Alumni Office, Bennett S. Cooper, Secretary	
Assistant to the President, Bennett S. Cooper	
Barclay Hall, North (Pay Station)	9506
Barclay Hall, Center (Pay Station)	9459
Barclay Hall, South (Pay Station)	9508
Biology Laboratory (Sharpless Hall)	
Business Office, Aldo Caselli, Comptroller	
Chemistry Laboratory	
Dean's Office, Gilbert T. Hoag, Dean	
Dietitian, Mrs. Mabel H. Klatt	
Engineering Laboratory (Hilles)	
Founders Hall, East (Pay Station)	9460
Founders Hall, Dormitory (Pay Station)	9533
French Department Office	
Government House, 8 College Lane (Pay Station)	9613
Gymnasium (Pay Station)	9512
Gymnasium Office	
Haverford News	4894
Haverford Review, Bennett S. Cooper, Managing Editor	
Hilles Laboratory of Applied Science (Engineering)	
Infirmery, Mabel S. Beard, R.N.	
Kitchen (Pay Station)	9544
Language House, Manuel J. Asensio, Director (Pay Station)	9428
Library: D.P. Lockwood, Librarian	
Amy L. Post, Assistant Librarian	
Circulation Desk	
Treasure Room: Thos. E. Drake, Anna B. Hewitt	
Lloyd Hall, 3rd Entry (Kinsey) Rooms 1-12 (Pay Station)	9520
Lloyd Hall, 5th Entry (Strawbridge) Rooms 13-26 (Pay Station)	9514
Lloyd Hall, 8th Entry (Leeds) Rooms 27-38 (Pay Station)	9628
Maintenance and Operation Office	
Merion Hall	9458
Observatory	
Physics Laboratory (Sharpless Hall)	
Power House (Pay Station)	9540
Radio Room	5042
Registrar's Office	
Research Laboratory, Alan S. FitzGerald, Director	5092
Romance Language Department Office	
Sharpless Hall: T. A. Benham, H. Comfort, F. C. Evans, H. K. Henry, A. Pepinsky, R. M. Sutton	
Whitall Hall: J. W. Flight, J. A. Kelly, H. W. Pfund, E. D. Snyder	

D I R E C T O R Y
S T U D E N T S I N T H E C O L L E G E

In the last column is given the number of the student's dormitory room; F for Founders Hall, L for Lloyd Hall, Bc for Barclay Center, Bn for Barclay North. The figure following the name indicates the number of the term now being completed. Day students' home telephones are listed beneath their addresses.

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
ADAMS, James Fowler, Jr., 6	2900 Harrison Street, Wilmington 270, Del.	26 L
ALENICK, Monroe Edward, 5	292 Eastern Parkway, Newark 6, N. J.	37 L
ALLINSON, Andrew Prevost	Town's End Farm, West Chester, Pa.	59 Bn
ALLYN, Herman Bryden, II, 1	10 State Street, Framingham Centre, Mass.	63 Bn
BAKER, William Perrin, Jr., 2	355 Columbia Avenue, Palmerton, Pa.	23 L
BALDI, Virgil Bismarck, Jr., 2	437 W. School Lane, Germantown, Philadelphia, Pa.	21 F
BARKER, William Pierson, II, 5	1553 Shorb Avenue, N.W., Canton 3, Ohio	21 L
BARRAZA: Carlos, 1	Donato Guerra 315 S, Torreon, Coah, Mexico	70 Bn
BECK, Stuart Morgan, 1	3900 Cathedral Avenue, N.W., Washington 16, D.C.	14 L
BEHRENS, Robert H.,	4042 Walnut St, Philadelphia, Pa. Evergreen 3827	Day
BELL, William Warren, 5	4409 Greenwich Parkway, N.W., Washington 7, D.C.	25 L
BESSE, Byron Earl, 4	823 Old Gulph Road, Bryn Mawr, Pa.	Day
BIRDSALL, Joseph Cooper, Jr., 4	139 Booth Lane, Haverford, Pa.	29 L
BLECKER, Solomon, 5	5022 N. 10th Street, Philadelphia 41, Pa.	38 L
BOGGER, John Neil, 1	341 Cumberland Street, Lebanon, Pa.	69 Bn
BOUZARTH, William Francis, II, 5	635 Belair Avenue, Aberdeen, Md.	22 L
BRENES, Luis Guillermo, 1	San Jose, Costa Rica	67 Bn
BRIEGER, Henry Arthur Nicholas, 3	58 N. Lansdowne Avenue, Lansdowne, Pa.	15 F
BRODHEAD, Charles Daniel, 1	621 Rising Sun Avenue, Philadelphia 40, Pa.	10 F
BROWNLEE, John Erskine, 1	6531 Holmes Street, Kansas City 5, Mo.	68 Bn

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
BRUCKNER, Robert J., 1	911 Kenmore Road, Philadelphia, Pa.	Day
BUTTRICK, David Gardner, 3	21 E. 79th Street, New York, N.Y.	26 Bc
CARROLL, John MacGregor, 1	468 Riverside Drive, New York City	58 Bn
CLAYTON, Robert Francis, Jr., 6	49 E. Providence Road, Lansdowne, Pa.	1 L
CLEWS, Margaret, Special Student	Dorset Road, Devon, Pa.	Day
CLEWS, M. Madison, Special Student	Dorset Road, Devon, Pa.	Day
COATES, George Morrison, 2 nd, Special Student	Paoli, Pa.	Day
COHEN, Walter Leo, Special Student	73 E. Market St., Long Beach, L.I., N.Y.	24 F
COLLINS, Benjamin McVickar, 3	Broadlea Farm, Rhinebeck, New York	32 L
COOPER, Nathaniel Fenimore, 1	453 N. Highland Avenue, Merion, Pa.	13 L
COUCH, Richard Arden, 2	601 Clearview Avenue, Pittsburgh 5, Pa.	12 F
CULBERT, Craig Dunlap, 3	26 Chatham Road, Ardmore, Pa.	Day
CUMBEE, H. Wayne, 2	2430 Boulevard Avenue, Scranton, Pa.	5L
DALLETT, Francis James, Jr., 1	324 Overhill Road, Wayne, Pa. Wayne 2392	Day
DAVIES, David Elwyn, 2	3012 - 44th Street, N.W., Washington, D.C.	11 F
DAVIS, Francis A., Jr., 2	304 Somerset Road, Baltimore 70, Md.	29 L
DAVIS, John Gilman, 1	76 Brooks Street, West Medford, Mass.	15 L
DE MARCO, Michael Charles, 2	7201 N. Broad Street, Philadelphia 26, Pa.	Day
DINKER, William Richard,	12 N. Portland Avenue, Ventnor, N.J.	9 F
DISBROW, Donald Willis, 1	R. D. 3, Dundee, New York	56 Bn
DORN, Richard Kenneth, 4	6140 Nassau Road, Philadelphia, Pa.	19 L
DVORKEN, Henry Jacob, 2	435 W. Fifth Avenue, Roselle, N. J.	13 F
ECHIKSON, Edward, 1	31 Midland Blvd., Maplewood, N.J.	33 L
EDGERTON, Charles Willis, Jr., 3	College Avenue, Haverford, Pa.	30 L
EDGERTON, Robert, 2	College Avenue, Haverford, Pa.	10 L
EISELE, George William, 1	(404 Center Street, Westmont, N.J.) 1438 Westwood Lane, Overbrook Hills, Pa.	Day

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
ESHLEMAN, Benjamin, Jr., 1	Mountpleasant Road, Villa Nova, Pa.	27 L
EWELL, Albert Hunter, Jr., 8	4937 Walton Avenue, Philadelphia 43, Pa.	38 L
EXTON, Frederick, Jr., 2	4519 Davenport St., N. W., Washington, D.C.	7 L
FALTERMAYER, Edmund Kase, 2	46 E. Gowen Avenue, Mr. Airy, Philadelphia, Pa.	9 L
FEROE, Barton Kenneth, 5	213 Marlboro Road, Ardmore, Pa.	Day
FINCH, George Frank, Jr. 1	509 E. Mt. Airy Ave. Phila. 19, Pa.	31 Bc
FREEMAN, Murray Fox, 5	324 N. Bowman Avenue, Merion, Pa. Merion 1198	Day
GANTER, Robert Lewis, 3	830 Elsinore Place, Chester, Pa.	30 Bc
GARDNER, Kenneth Adelman, 2	2214 Forest Glen Road, Pittsburgh 17, Pa.	12 L
GEBHARDT, John Frank, 2	140 E. 29th Street, Erie, Pa.	35 L
GERLACH, Thomas Bradfield, 1	1526 N. 15th Street, Philadelphia, Pa.	72 Bn
GIFFORD, Thomas, 1	468 Hope Street, Providence 6, R.I.	50 Bn
GOODMAN, I. Robert, 2	3749 Nortonia Road, Baltimore 16, Md.	11 L
GOULD, Stanley Benton, 2	3505 Edgewood Road, Baltimore, Md.	11 L
HAMILTON, Richard Truitt, 6	Roslyn Farms, Carnegie, Pa.	2 L
HAMMOND, Stanley George, 2	104 Park Road, Llanerch, Pa.	34 Bc
HAND, Thomas Spencer, 1	1 Holmcrest Rd. Jenkintown, Pa.	54 Bn
HANDRICH, Paul Charles, 1	48 Colonial Road, Bellerose, L.I., N.Y.	68 Bn
HARDEN, Robert Schermerhorn, 3	341 E. Main St., Moorestown, N.J.	30 L
HARPER, Robert, 2	190 Crowell Avenue, Staten Island, N.Y.	8 L
HARRIS, Margaret G. Special Student	774 Millbrook Lane, Haverford, Pa.	Day
HARRIS, William Hamilton, 5	204 N. 17th Street, Camp Hill, Pa.	34 L
HARRIS, William Macy, 7	774 Millbrook Lane, Haverford, Pa.	Day
HARVEY, Randolph Charles, 4	112 Chamounix Road, St. Davids, Pa.	2 L
HASTINGS, David Spencer, 1	79 Connecticut Avenue, Kensington, Md.	69 Bn
HASTINGS, James Babbitt, 2	30 Elston Road, Upper Montclair, N.J.	10 L
HAUSER, John Norman, 3	7443 Oakhill Avenue, Wauwatosa, Wisconsin	24 L

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
HAZELWOOD, Robert Nichols, 2	3405 N. Hackett Avenue, Milwaukee 11, Wisconsin	8 L
HENNE, John Kraffert, 6	332 W. Oak Street, Titusville, Pa.	32 L
HERTER, Theophilus John, Graduate Student	232 Wendover Drive, Westgate Hills, Upper Darby, Pa.	Day
HIGINBOTHOM, William Curran, 3	5403 Springlake Way, Baltimore, Md.	25 L
HOLLINGSHEAD, Irving, Jr., 1	309 Chestnut Street, Moorestown, N.J.	50 Bn
HOOPEES, John Robison, Jr., 3	5500 Moorland Lane, Bethesda, Md.	26 Bc
HOSKINS, Robert Graham, 2	86 Barick Road, Waban 68, Mass.	14 F
HOWE, Gerald Shropshire,	Detachment VII Corps, Camp San Luis Obispo, Calif.	28 L
HUEBSCH, Ian, 6	285 Central Park, West, New York 24, N.Y.	7b F
JACKSON, John Albert, 2	20 Summer Street, Adams, Mass.	5 F
JACOB, James Archibald, Jr., 4	1310 Pleasant Avenue, Wellsburg, W. Va.	21 L
JACOBS, George Wayne, Jr., 6	The Kingsway, Bloomingdale Avenue, Wayne, Pa.	27 L
JOHNSON, David, 7	18 W. 122nd Street, New York, N.Y.	3 L
JOHNSON, James Dexter, 2	250 S. Brentwood, Clayton, Mo.	5 L
JOHNSON, Richard Schaper, 3	328 W. 22nd St., Erie, Pa.	31 L
JOHNSON, Victor Lawrence, 1	1007 Valley Road, Melrose Park, Pa.	13 L
JOHNSTON, Robert James, Jr., 2	Merion Hall, Haverford College, Haverford, Pa.	Day
JONES, Corson,	9 Hesketh Street, Chevy Chase, Md.	28 Bc
JONES, Evan Gordon Newton, 1	Hectors River P.O., Jamaica, B.W.I.	20 F
KATCHEN, Julius, 8	2 Hollywood Avenue, W. Long Branch, N.J.	20 L
KATO, Walter Yoneo, 7	5210 Winthrop Avenue, Chicago 40, Ill.	21b F
KEETZ, Francis A., 1	Hilldale Road, Villa Nova, Pa.	Day
KELLY, Paul Sherwood, 1	118 W. 36th Street, Erie, Pa.	15 L
KINDLER, Don, 3	Jessups, Md.	18 L
LAITY, Walter Asbury, 1	105 Elliott Place, East Orange, N.J.	58 Bn
LAMBERT, Richard Meredith, 2	104 Webster Avenue, Wyncote, Pa.	22 F
LASDAY, Harrison Robert, 1	1322 Sq. Hill Avenue, Pittsburgh, Pa.	60 Bn
LASH, William Stanley Mallory, 1	R.R. 1, Fonthill, Ontario, Canada	8 F
LEAMAN, Arthur, 4	40 Fifth Avenue, Apt. 7D, New York City	30 F

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
LEUCHTER, Ben Zion	East Park Avenue, Vineland, N.J.	1 L
LEVINSON, Henry Walter, 3	4724 Sansom Street, Philadelphia 39, Pa.	18 L
LIBBY, Edward Kelway, 2	1324 Euclid Street, N.W., Washington 9, D.C.	9 L
LIMBER, Wayne Stevenson, L	166 Elm Street, Montpelier, Vt.	53 Bn
LONGSTRETH, Frank Hoover, Graduate Student	31 Railroad Ave., Haverford, Pa. Ardmore 9658	Day
LONGSTRETH, Martha Comfort, Special Student	31 Railroad Avenue, Haverford, Pa.	Day
MALEY, Eugene Pat,	1414 Regina Street, Harrisburg, Pa.	9 F
MARVIN, John Howell Williams, 1	100 Park Place, Kingston, Pa.	67 Bn
MATHIAS, Edward Trail, 1	103 Council Street, Frederick, Md.	51 Bn
MATLACK, Charles William,	King's Highway, Moorestown, N.J.	59 Bn
MC GUIRE, Charles Robison, 1	3310 Warrington Road, Shaker Heights, Ohio	36 Bc
MEAD, Brian, Jr., 5	11 Horseguard Lane, Scarsdale, N.Y.	34 L
MILLER, Bruce Marten, 5	c/o Ward, 1608 Upshur, N.W., Washington, D.C.	35 L
MILLER, James Quinter, 1	10 Manor Drive, Tuckahoe 7, N.Y.	60 Bn
MILLER, Stephen Raben, 1	1501 Undercliff Avenue, Bronx 53, N.Y.	61 Bn
MOORE, Charles Byrd, 3	25 Amherst Avenue, Swarthmore, Pa.	6 L
MORRIS, Robert Lee, 1	90 Oakwood Avenue, Long Branch, N.J.	66 Bn
MOSES, Charles Henry Mann, Jr., 5	433 Haverford Road, Wynnewood, Pa. Ardmore 4396	Day
NAMY, Claude A., 1	97 Brd. de la Resistance, Casablanca, Morocco	6 F
NEWMAN, Paul Freedman, 4	7 Balfour Circle, Lansdowne, Pa.	22 L
NEYERLIN, John Thomas		Language House
NICKLIN, George Leslie, Jr., 2	Alden Park Manor, Philadelphia 44, Pa.	17 F
OBERHOLTZER, Wendell Woodward	Mont Clare, Montgomery Co., Pa.	Day
OLIVIER, Daniel Dretzka, 4	Box 306, R. D. 2, Phoenixville, Pa.	33 Bc
OSWALD, David Statton, 4	826 The Terrace, Hagerstown, Md.	37 L
PARKE, Robert Gerber, 1	20 Cornell Place, Pittsburgh 16, Pa.	52 Bn
PAYRO, Roberto Pablo, 8	Lavalle 357, Buenos Aires, Argentina	3 L

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
PETERS, David Alexander, .5	45 N. 11th Street, Allentown, Pa.	23 L
PETERSEN, Hans Eberhard, 7	145 95th Street, Brooklyn, N.Y.	7a F
POST, Arnold Rae, 7	9 College Lane, Haverford, Pa.	Day
QUEK, Soo Tong, 2	115 W. 73rd Street, New York City	4 L
RAMIREZ, Rafael Roberto, Jr., Special Student	Box 205, Hato Rey, Puerto Rico	71 Bn
REYNOLDS, Edward Allan, 1	111 Spring Avenue, Chestertown, Md.	2 F
REYNOLDS, James Conrad, 2	208 W. State Street, Kennett Square, Pa.	16 L
RICHIE, Douglas Hooten, 2	8 N. Main Street, Brewster, N.Y.	22 F
RIVERS, Richard D., 7	1281 Everett Avenue, Louisville, Ky.	33 Bc
ROBINSON, Richard Edward, 1	San Ignacio #22, Altos, Havana, Cuba	52 Bn
ROCHE, Robert Pearson, 8	111 - 7th Street, Garden City, N.Y.	1 L
ROGERS, Alan Spencer, 7	Woodside Cottage, Haverford College, Haverford, Pa.	Day
RUFF, George Elson, Jr., 2	7358 Rural Lane, Philadelphia 19, Pa.	36 L
SCHUMAN, Richard Waldron, 3	2210 Forrest Glen Road, Pittsburgh 17, Pa.	31 L
SETTLE, Lyle G., 5	Dryden, N.Y.	54 F
SHAKESPEARE, Edward Oram, 1	482 Sabine Avenue, Wynnewood, Pa.	Day
SHEPARD, Royal Francis, Jr., 2	128 N. Mountain Avenue, Montclair, N.J.	36 L
SINGER, Ellis Paul, 1	139 Tuscan Road, Maplewood, N.J.	33 L
SNODGRASS, Francis Mattlage, 1	Windfall, R. D. 1, Martinsburg, W. Va.	5 L
SPROULE, Joseph,	College Avenue & Darby Road Haverford, Pa.	Day
STEEFEL, Lawrence, D., Jr., 7	430 Old Lancaster Road, Haverford, Pa. Ardmore 1179W	Day
STEERE, Paul Winsor	Marquette, Michigan	6 L
STERN, Thomas Louis, 1	88-10 Whithey Ave, Elmhurst, L. I., N.Y.	66 Bn
STEWART, David William, II, 1	117 St. Paul's Road, Ardmore, Pa.	Day
STONE, John Alexander, 4	319 W. 88th Street, Apartment 8, New York, N.Y.	26 L
STURR, George Bowler Tullidge, 7	129 Fourth Avenue, Haddon Heights, N.J.	17 L
SWARTLEY, William Moyer, 3	Woodland Drive, Lansdale, Pa.	24 L

<u>Name</u>	<u>Home Address</u>	<u>College Address</u>
TAGGART, George Webster, 3	1245 E. Broad Street, Hazleton, Pa.	17 L
THOMAS, David Edward, 4	518 Foss Avenue, Drexel Hill, Pa.	19 L
THOMPSON, Daniel Bard, 6	110 S. Broad Street, Waynesboro, Pa.	21 L
THORPE, James Hancock, 1	Apt. A.1., 7910-19th Rd., Jackson Heights, L. I., N.Y.	53 Bn
TODD, John Arnold, 1	Serpentine Lane, Wyncote, Pa.	21 F
TOLAN, David John, 1	2951 N. Marietta Avenue, Milwaukee 11, Wisconsin	61 Bn
TURNER, Conrad William, 1	307 Hamilton Road, Wynnwood, Pa.	51 Bn
TYCHANICH, John Dimitri, 2	53 Balmforth Avenue, Danbury, Conn.	12 L
VAUGHAN, Clark A., 2	Gate House, Milton Academy, Milton 86, Mass.	30 Bc
VEDOVA, Harold Frederick, 3	1463 Hampstead Road, Penn Wynne, Philadelphia 31, Pa.	Day
WAGNER, Daniel Hobson, 6	10 Conestoga Road, Berwyn, Pa.	28 Bc
WHITE, Robert Phillips,	301 Brookline Court Apts., Brookline, Upper Darby, Pa.	36 Bc
WHITEHEAD, Herbert Macy, 8	R. D. #1, South Windham, Maine	30 F
WHITMAN, John Turner, 4	Nashawtuc Hill, Concord, Mass.	20 L
WIDMER, Robert J., Special Student	768 College Avenue, Haverford, Pa.	Day
WILCOX, John Rogers, 2	127 South West Street, Allentown, Pa.	16 L
WINDER, Richard Bayly, IV	5908 Cedar Parkway, Chevy Chase, Md.	3 F
WIRES, John Stanley, 6	45 Windsor Road, Wellesley Hills, Mass.	4 F
WRIGHT, Theodore Craig, 2	107 Lee Avenue, Trenton, N.J.	8 F
YAMANE, George Mitsuyoshi, 7	T-34-B, P.O. Box 788, Crystal City, Texas	4 L
ZWEIFLER, Nathan Joseph, 5	46 Wilbur Avenue, Newark 8, N.J.	22 L

RECONSTRUCTION & RELIEF TRAINING UNIT

DOUGLAS, Deborah Adams (A.B., Sweet Brair, 1943) 704 East 44th Street, Savannah, Ga.	Government House
ELLIOTT, Rosalie Calhoun, (B.A., Mt. Holyoke, 1945) (c/o J. D. Allen) 27 Tenmore Road, Haverford, Pa. (418 Belvedere Street, La Jolla, California)	Day
FEISE, Dorelen (B.A., Oberlin, 1944) 401 Rosebank Avenue, Baltimore 12, Md.	Government House
GRAHAM, Carolyn (B.A., H. Sophie Newcomb, 1944) 7821 Freret Street, New Orleans 18, La.	Government House
HOVEY, Sarah Edith (A.B., Reed, 1944) c/o Dr. H. Comfort, 5 College Circle, Haverford, Pa. (833 34th Avenue, N., Seattle 2, Washington)	Day
KNIGHT, Bernice Eva (B.A., Colby, 1944) County Road, Westbrook, Maine	Government House
LITCHMAN, Jean Marx (A.B., University of Washington, 1943) 408 E. 50th Street, Seattle 5, Washington	Government House
POHL, Claudine Blanche (A.B., Oberlin, 1944) 215 West 83rd Street, New York 24, N.Y.	Government House
RUSSELL, Florence O. (A.B., Scripps, 1944) 1811 El Encanto Road, Santa Barbara, California	Government House
SHORTER, Fred Claiborne (A.B., Reed, 1944) 3208 Franklin Avenue, Seattle 2, Washington	1 F
WALTEN, Constance (B.A., Vassar, 1944) 6318 Mossway, Baltimore 12, Md.	Government House
WILHELM, Frederick Oscar (B.A., Wesleyan, 1944) Box 35, North Granby, Conn.	23 F
WOLTER, Rebecca Sturtevant (B.A., Carleton, 1943) 75 W. Division Street, Fond du Lac, Wisconsin	Government House
WYLIE, Anne Stiles (Mrs. Laurence W.) (B.S., Simmons, 1943) 8 College Lane, Haverford, Pa.	Government House



HVERFORD COLLEGE BULLETIN

Report of
TREASURER AND COMPTROLLER OF THE
CORPORATION OF HVERFORD COLLEGE

1944 · 1945



VOLUME XLIV

NUMBER TWO

NOVEMBER
1945

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Second Class Permit Applied For

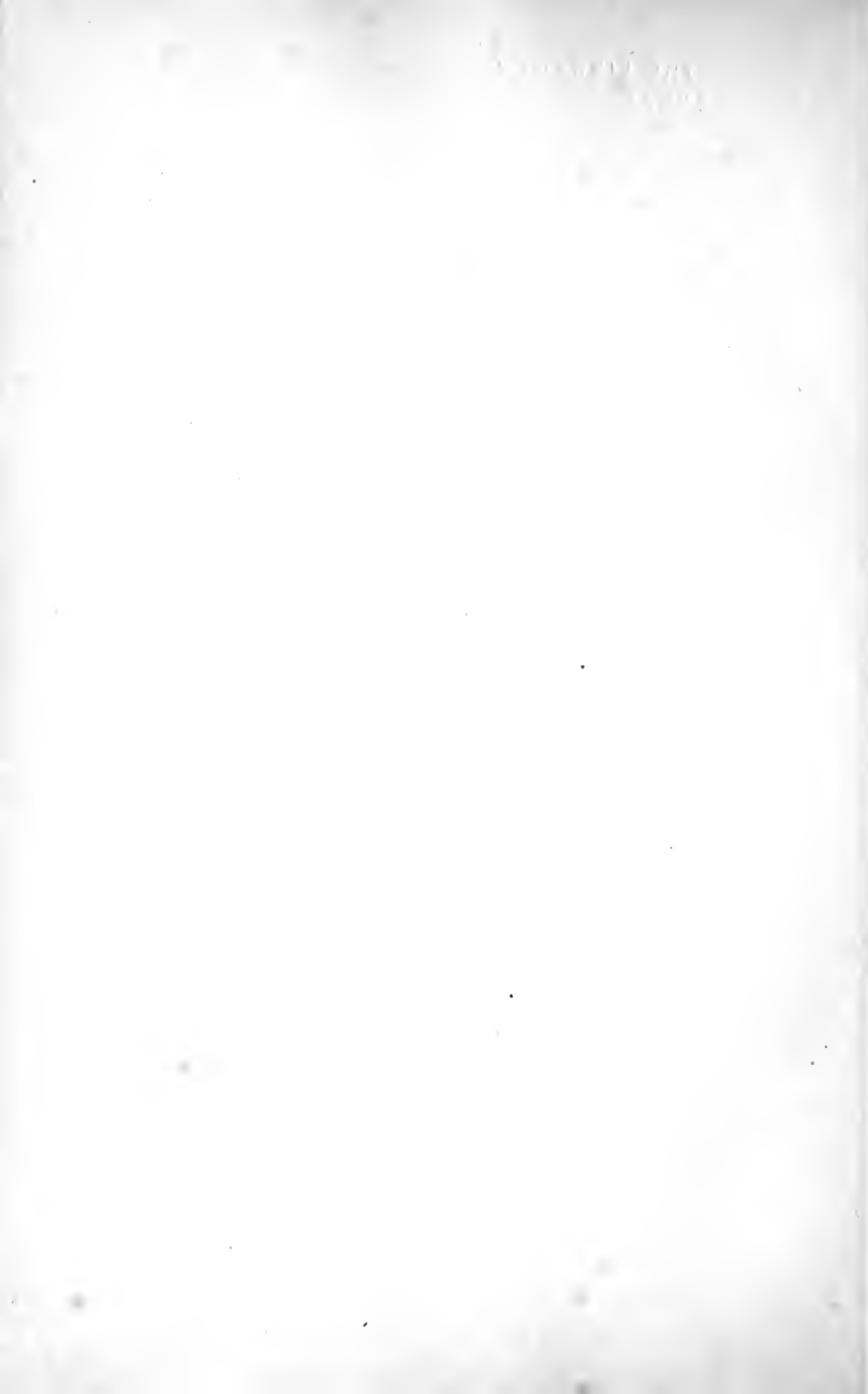
H A V E R F O R D C O L L E G E B U L L E T I N

Report of
TREASURER AND COMPTROLLER OF THE
CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1945



H A V E R F O R D · P E N N S Y L V A N I A



CORPORATION OF HAVERFORD COLLEGE

OFFICERS

DR. S. EMLN STOKES, *President*..... Moorestown, N. J. ¹
ARCHIBALD MACINTOSH, *Acting President of the*
College..... Haverford, Pa. ²
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila. 3
JOHN F. GUMMERE, *Secretary*....W. School Lane and Fox St., Phila. 44

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1946

HARRIS G. HAVILAND..... 16th and Parkway, Phila. 3
ARCHIBALD MACINTOSH 3 College Circle, Haverford, Pa.
JONATHAN M. STEERE 1318 Girard Trust Bldg., Phila. 2

Term Expires 1947

STANLEY R. YARNALL 5337 Knox St., Phila. 44
IRVIN C. POLEY 6012 Chew St., Phila. 38
ARTHUR J. PHILLIPS 274 S. Felton St., Phila. 39

Term Expires 1948

HENRY C. EVANS635 Manatawna Ave., Phila., 28
WILMOT R. JONESAlapocas Drive, Wilmington, Del.
RICHARD M. SUTTON785 College Ave., Haverford, Pa.

¹MORRIS E. LEEDS, *President* - Resigned at expiration of term,
tenth month 1945.

²FELIX M. MORLEY, *President of the College* - Resigned ninth
month 1945.

BOARD OF MANAGERS

Ex-officio as Officers of Corporation

DR. S. EMLEN STOKES, *President*.....Moorestown, N. J.
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila. 3
JOHN F. GUMMERE, *Secretary*.W. School Lane and Fox St., Phila. 44

Term Expires 1946

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila. 7
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila. 2
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N. Y.
STANLEY R. YARNALL.....5337 Knox St., Phila. 44
WILLIAM W. COMFORT.....Haverford, Pa.
DR. HENRY M. THOMAS, JR.¹.....314 Overhill Rd., Baltimore 10, Md.
ALEXANDER C. WOOD, JR.....325 Chestnut St., Phila. 6
HAROLD EVANS.....1000 Provident Trust Bldg., Phila. 3

Term Expires 1947

J. STOGDELL STOKES.....Summerdale, Phila., 24
M. ALBERT LINTON.....4601 Market St., Phila. 39
FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila. 2
EDWARD WOOLMAN.....Haverford, Pa.
THOMAS W. ELKINTON.....121 S. 3rd St., Phila. 6
MORRIS E. LEEDS.....4901 Stenton Ave., Phila., 44
HENRY C. EVANS.....635 Manatawna Ave., Phila. 28
WILLIAM M. MAIER.....Bailey Building, Phila. 7

Term Expires 1948

CHARLES J. RHOADS.....Ithan Rd., Bryn Mawr, Pa.
EDWARD W. EVANS.....304 Arch St., Phila., 6
WILLIAM A. BATTEY.....Liberty Trust Bldg., Phila. 7
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.
ALFRED BUSSELLE.....220 E. 36th St., New York, N. Y.
JOHN A. SILVER.....Tabor Rd. and E. Adams Ave. Phila. 20
WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.
WILMOT R. JONES.....Alapocas Drive, Wilmington, Del.

Alumni Representatives

W. NELSON WEST, III, *Term Expires 1946*.1411 Walnut St., Phila. 2
J. COLVIN WRIGHT, *Term Expires 1947*.116 E. Penn St., Bedford, Pa.
PAUL V. R. MILLER, *Term Expires 1948*.1700 Girard Trust Bldg., Phila. 2
CHARLES S. RISTINE,² *Term Expires 1948*.Fidelity-Phila.Trust Bldg., Phila. 9

FACULTY REPRESENTATIVES

Term Expires 1946
FRANK D. WATSON

Term Expires 1947
RICHARD M. SUTTON

Alternates, 1945-46: HOWARD M. TEAF and RALPH M. SARGENT

Officers

Chairman of Board
S. EMLEN STOKES

Secretary of Board
W. NELSON WEST, III

¹In U. S. Service

²OWEN B. RHOADS, Retired at Expiration of Term, Tenth Month 1945.

STANDING COMMITTEES OF THE BOARD OF MANAGERS OF
THE CORPORATION OF HAVERFORD COLLEGE

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

Executive Committee

J. STOGDELL STOKES, <i>Chairman</i>	THOMAS W. ELKINTON
J. HENRY SCATTERGOOD	PAUL V. R. MILLER
JONATHAN M. STEERE	EDWARD W. EVANS ¹
ALEXANDER C. WOOD JR.	MORRIS E. LEEDS ¹
FREDERIC C. SHARPLESS	W. NELSON WEST III

Committee on Finance and Investments

JONATHAN M. STEERE, <i>Chairman</i>	M. ALBERT LINTON
J. HENRY SCATTERGOOD	WILLIAM B. BELL
ALEXANDER C. WOOD JR.	

Committee on College Property and Farm

HENRY C. EVANS, <i>Chairman</i>	EDWARD W. WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE
THOMAS W. ELKINTON	WILLIAM M. MAIER
WILLIAM A. BATTEY	OWEN B. RHOADS ²

JOHN A. SILVER

Committee on Honorary Degrees

WILLIAM WISTAR COMFORT, *Chairman*

L. HOLLINGSWORTH WOOD ²	STANLEY R. YARNALL
HENRY M. THOMAS	FRANCIS R. TAYLOR

M. ALBERT LINTON

Library Committee

WILLIAM WISTAR COMFORT	L. HOLLINGSWORTH WOOD
HAROLD EVANS	WILMOT R. JONES

Counsel

MACCOY, BRITAIN, EVANS, AND LEWIS
1632 Chestnut Street, Philadelphia

¹Term Expired: Tenth Month 1945

²Term Began: Tenth Month 1945

OFFICERS OF ADMINISTRATION

ARCHIBALD MACINTOSH

A.B., Haverford College; M.A., Columbia University
Acting President

GILBERT THOMAS HOAG

A.B., Haverford College; A.M. and Ph.D., Harvard University
Dean

ALDO CASELLI

D.S.E. and C., University of Naples
Comptroller

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., Harvard University
Librarian

HERBERT WILLIAM TAYLOR

A.B., Haverford College; M.D., University of Pennsylvania
Physician in Charge

LOUIS CRAIG GREEN*

A.B., A.M., and Ph.D., Princeton University
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., Stanford University; M.A., University of Michigan; Ph.D., Yale Univ.
Curator of the Quaker Collection

BENNETT SMEDLEY COOPER

B.S., Haverford College
Alumni Secretary and Assistant to the President

MRS. ETHEL ELIZABETH BEATTY

Dietician

AMY LYDIA POST

A.B., Earlham College
Assistant Librarian

MABEL SYLVIA BEARD

R.N., Lankenau Hospital
Resident Nurse

ALICE LOUELLA MATTSON

Secretary to the President

GERTRUDE MANN WONSON

B.S., Simmons College
Admissions Office

* Absent on leave, 1945-46.

SUMMARY OF THE ACCOUNT
OF
THE CORPORATION OF HAVERFORD COLLEGE
OF

J. HENRY SCATTERGOOD, TREASURER
ALDO CASELLI, COMPTROLLER

For the Year Ending Eighth Month 31, 1945

RECEIPTS

Income From Funds For General Purposes

General Endowment Fund	\$ 5,054.24
John Farnum Memorial Fund	721.67
John M. Whitall Fund	552.69
David Scull Fund	2,327.44
Edward L. Scull Fund	590.31
Wistar Morris Memorial Fund	267.21
Israel Franklin Whitall Fund	560.06
Jacob P. Jones Endowment Fund	67,598.98
John Farnum Brown Fund	14,331.42
Ellen Waln Fund	577.47
Clementine Cope Endowment Fund	1,116.47
Nathan Branson Hill Fund	138.25
Joseph E. Gillingham Fund	2,202.16
Henry Norris Fund	305.74
Elizabeth H. Farnum Fund	508.16
James R. Magee Fund	2,322.57
Albert K. Smiley Fund	77.92
Hinchman Astronomical Fund	2,052.60
W. D. & E. M. L. Scull Fund	9,067.40
Albin Garrett Memorial Fund	1,390.60
Arnold Chase Scattergood Memorial Fund	1,266.48
Frances B. Gummere Memorial Fund	6,522.61
Isaac Sharpless Memorial Fund	11,361.70
General Education Board Fund	6,548.97
William Penn Foundation	5,301.82
Walter Carrol Brinton Memorial Fund	733.75
Corporation Fund	4,156.06
Elizabeth J. Shortridge Fund	519.44
Howard Comfort Memorial Fund	261.14
Emma Ridgway Comly Fund	2,596.56
Ellen W. Longstreth Fund	5,599.93
Albert L. Baily Fund	259.72
Elizabeth B. Wistar Warner Fund	257.12
T. Allen Hilles Bequest	14,584.10
Leonard L. Grief & Roger L. Grief Fund	51.94
Edward M. Wistar Fund	129.86
Morris E. Leeds Fund	2,125.58
J. Henry Scattergood Fund	<u>106.71</u>

Forward \$174,146.85

Forward		\$174,146.85
<u>Income From Fund for T. Wistar Brown</u>		
<u>Graduate School</u>		
Moses Brown Fund		18,473.44
<u>Income From Funds for Morris Infirmary</u>		
Infirmary Endowment Fund	501.44	
John W. Pinkham Fund	<u>262.81</u>	764.25
<u>Income From Fund for Haverford Union</u>		
Haverford Union Fund		97.59
<u>Income From Funds for Scholarships</u>		
Thomas P. Cope Fund	273.11	
Edward Yarnall Fund	315.26	
Isaiah V. Williamson Fund	1,029.40	
Richard T. Jones Scholarship Fund	262.64	
Mary M. Johnson Scholarship Fund	364.32	
Sarah Marshall Scholarship Fund	411.39	
Clementine Cope Fellowship Fund	1,186.71	
Isaac Thorne Johnson Scholarship Fund	440.45	
Caspar Wistar Memorial Fund	153.30	
J. Kennedy Moorhouse Scholarship Fund	267.82	
Louis Jaquette Palmer Scholarship Fund	259.72	
Paul W. Newhall Memorial Scholarship Fund	262.09	
Robert Martin Zuckert Memorial Scholarship Fund	888.45	
Samuel E. Hilles Scholarship Fund	260.62	
Class of 1913 Scholarship Fund	155.83	
Class of 1917 Scholarship Fund	173.96	
Daniel B. Smith Fund	168.47	
Sarah Tatum Hilles Memorial Scholarship Fund	4,072.04	
Elihu Grant Memorial Scholarship Fund	<u>287.27</u>	11,232.85
<u>Income From Funds for Library</u>		
Alumni Library Fund	905.65	
Mary Farnum Brown Library Fund	3,490.48	
William H. Jenks Library Funds	259.72	
Mary Wistar Brown Williams Library Fund	1,054.82	
Anna Yarnall Fund	8,914.61	
F. B. Gummere Library Fund	33.01	
Edmund Morris Fergusson, Jr. Memorial Fund	52.07	
Class of 1888 Library Fund	322.08	
Class of 1918 Library Fund	<u>65.11</u>	15,097.55
<u>Income From Funds for Old Style Pensions</u>		
President Sharpless Fund	2,142.03	
William P. Henzefund	1,909.40	
Jacob P. Jones Benefit Fund	3,538.12	
Pliny Earle Chase Memorial Fund	169.97	
Haverford College Pension Fund	<u>5,819.87</u>	13,579.39
Forward		\$233,391.92

Forward

\$233,391.92

Income from Funds for Special Purposes

Thomas Shipley Fund	272.60	
Elliston P. Morris Fund	58.53	
John B. Garrett Reading Prize Fund	118.03	
Special Endowment Fund	479.29	
Scholarship Improvement Prize Fund	119.31	
Elizabeth P. Smith Fund	90.59	
S. P. Lippincott History Prize Fund	132.30	
Francis Stokes Fund	265.97	
George Peirce Prize Fund	118.38	
Lyman Beecher Hall Prize Fund	111.94	
Newton Prize Fund	72.61	
Edward B. Conklin Athletic Fund	124.67	
Arboretum Fund	238.31	
William Ellis Scull Prize Fund	103.89	
Paul D. I. Maier Fund	51.94	
Strawbridge Observatory Maintenance Fund	199.44	
Jacob and Eugenie Bucky Memorial Foundation	112.63	
Mathematics Department Prize Fund	56.69	
William T. Elkinton Fund	134.29	
Tilney Memorial Fund	67.39	
Class of 1902 Latin Prize Fund	4.52	<u>2,933.32</u>

Income from the Funds for the College \$236,325.24

Income from Special Trust

Augustus Taber Murray Research Scholarship Fund 1,098.25

Total Income from All Funds \$237,423.49

Income from College Sources

Tuition	64,599.44	
Board	37,245.29	
Room	20,081.15	
Re-examination Fees	110.00	
Room and Board from Non-Students:		
Rents	3,122.50	
Rooms:		
Guests and Alumni	1,787.39	
Employees	2,472.30	
Women's International League	225.00	
United Service Organization	357.00	
Institute of International Relations	756.00	
Immigration and Naturalization		
Service	<u>3,980.20</u>	9,577.89
Meals:		
Guests, Alumni and Day Students	2,742.42	
Employees	5,768.70	
Women's International League	111.25	
United Service Organization	1,223.30	
Institute of International Relations	1,672.40	
Immigration and Naturalization		
Service	8,820.50	
Summer Session -- 1945	<u>4,650.82</u>	<u>24,989.39</u>

Miscellaneous 8,283.79 168,009.45

Forward \$405,432.94

Forward				\$405,432.94
<u>Accelerated Summer Term 1944, Completed</u>				
From United States Government	6,171.36			
From Alumni Association, Refund of Salary	100.00			
(With Receipts in 1943-1944, this makes Total Receipts of \$29,477.89)				6,271.36
<u>Army Specialized Training Program (Completed)</u>				
Additional Receipts from United States Government:				
Use of Facilities	980.43			
Instruction	21,914.65			
Medical	2,115.87			
Subsistence	4,487.11			
Maintenance and Operation	9,714.70			
Books	1,960.91			
Sale of Material	53.04			
Amount subject to negotiation	800.00			42,026.71
(With Receipts of \$160,041.51 in 1943-1944 makes Total Receipts of \$202,068.22)				
<u>Immigration and Naturalization Service</u>				
From United States Government Department of Justice				14,175.70
<u>Accelerated Summer Term 1945, Uncompleted</u>				
Tuition:				
Paid by Students	6,215.00			
From Scholarship Funds Income	2,875.00			
From Donations for Scholarships	360.00	9,450.00		
Board	6,561.40			
Room Rents	3,030.75			19,042.15
<u>Donations other than for Funds</u>				
Daniel B. Smith Fund -- Income from Executor	184.16			
Elihu Grant Memorial Scholarship Fund -- Income from Sale of Books	75.00			
William T. Elkinton Fund -- Income from Trustee ..	11.11			
Class of 1902 Latin Prize Fund -- Income previously donated	39.00	309.27		
<u>General Donations Account:</u>				
For Athletics -- For Field House	46.00			
Books				
Gift of E. Block	50.00			
Library Associates	459.20			
Minor Library Donations	30.22			
Matzke Royalties	26.10	565.52		
Scholarships				
Anonymous	1,000.00			
Anonymous	800.00			
Philadelphia Schools for Summer Session	100.00			
Guggenheim Foundation	400.00			
Max Leuchter	100.00			
World Fellowship Foundation for Reconstruction & Relief	500.00			
Forward	2,900.00	611.52	309.27	\$486,948.86

Forward

\$486,948.86

Donations other than for Funds (continued)

Forward	2,900.00	611.52	309.27
Student Council of Haverford College	155.75		
L. Szerlig	300.00		
Upper Darby High School	<u>100.00</u>	3,455.75	
For Salaries -- Alumni Association		1,600.00	
For Campus Club		31.00	
For Care of Cope Field		50.00	
For General Purposes		45.00	
For Government House -- National Fd'n. for Education		500.00	
For Radio Club -- Interest allowed		<u>62.24</u>	
		6,355.51	
For Transfers from Pew Gift (See Expenditures)		<u>1,600.00</u>	7,955.51
Triangle Society -- Pew Gift Proceeds of Sale of Stock Donated		9,534.98	
Dividends received before sale		<u>84.75</u>	9,619.73
Alumni Sustaining Fund Donations			<u>42,129.02</u>

Total Current Donations

60,013.53

Donations for Additions to Funds

James R. Magee Fund -- Additional from Executor . .	175.00		
Robert Martin Zuckert Memorial Scholarship Fund -- Donated	1,000.00		
Class of 1917 Scholarship Fund -- Donated	500.00		
Daniel B. Smith Fund -- Bequest of Esther Morton Smith	2,500.00		
Elihu Grant Memorial Scholarship Fund -- Donated .	12,000.00		
Class of 1888 Library Fund -- Donated	500.00		
William T. Elkinton Fund (New) -- Bequest	2,491.50		
Tilney Memorial Fund (New) -- Donated	2,000.00		
Class of 1902 Latin Prize Fund (New) -- Donated . .	<u>142.90</u>	21,309.40	

Additions to Funds -- Income Transferred
to Principal

Moses Brown Fund -- Income capitalized	1,847.34		
Isaac Thorne Johnson Scholarship Fund -- Income capitalized	90.45		
Mary Farnum Brown Library Fund -- Income capitalized	578.17		
George Peirce Prize Fund -- Income capitalized . . .	118.38		
Jacob and Eugenie Bucky Memorial Fund -- Income capitalized	112.63		
Mathematics Department Prize Fund -- Income capitalized	<u>41.69</u>	2,788.66	

Cost of Seven Campus Dwellings taken into

Consolidated Investment Account			<u>79,831.70</u>
-------------------------------------------	--	--	------------------

Total Additions to Funds
(Other than gains on investments realized)

103,929.76

Forward

\$650,892.15

Forward

\$650,892.15

Miscellaneous Receipts

From Library a/c to set up new a/c --			
Sale of Books, Biology		735.56	
From Library a/c to set up new a/c --			
Sale of Books, Chemistry		24.20	
From Library a/c to set up new a/c --			
Sale of Books, Physics		40.93	
Skating Pond Receipts	541.95		
Transferred from Bird Sanctuary Donation	<u>121.70</u>	663.65	
Income Tax Withholdings -- Salaries		37,074.07	
Income Tax Withholdings -- Pensions		1,648.60	
Advances to be refunded		296.99	
In and Out		1,369.71	
Work done for Others, paid for		1,358.02	
Book Store Receipts		1,468.52	
Store Account (Fry, Manager)		5,355.59	
Receipts from Government for E.S.M.W.T.		1,188.00	
Griffin Lane Properties -- Receivables		1,140.66	
Interest Received		1,838.13	
Student Loan Fund Repayment on a/c		4,000.00	
Accounts Receivable from Students		163,851.10	
Accounts Receivable from Employees		36,608.37	
Accounts Receivable from Army		<u>996.28</u>	259,658.38

Items Relating to Other Fiscal Years

Accounts Receivable from Previous Year		2,689.22	
Advance Receipts for Following Year		3,615.93	
Expenses for Following Year -- refunded		5,268.86	
Insurance for Following Year -- refunded		8,558.54	
Language House Alterations -- Reserve Applied 4th Year		511.87	
Kitchen Alterations -- Reserve Applied 4th Year		<u>2,501.03</u>	23,145.45

Investments Realized

<u>Consolidated Investments Account</u>			
Bonds -- Government	106,121.75		
Industrial	44,577.43		
Public Utility	2,100.00		
Railroad	278,087.73		
Miscellaneous	<u>10,915.50</u>	441,802.41	
Preferred Stocks --			
Industrial	38,287.17		
Public Utility	<u>70,150.00</u>	108,437.17	
Common Stocks			
Bank & Insurance	17,986.70		
Industrial	11,396.00		
Public Utility	11,652.86		
Miscellaneous	<u>17.00</u>	41,052.56	
Mortgages		88,908.90	
Real Estate			
Sold	225,588.36		
Sundry Receipts	<u>701.22</u>	226,289.58	
Miscellaneous		<u>5,579.23</u>	<u>912,069.85</u>
Forward			912,069.85
			\$933,695.98

Forward \$933,695.98

Investments Realized (continued)

Forward	912,069.85	
John Farnum Memorial Fund	14,243.48	
Nathan Branson Hill Fund (First National Bank & Trust Co. of Minneapolis, Minn.) (Entered short \$2,127.50)	8,940.24	
Elizabeth H. Farnum Fund (Provident Trust Co., Trustee)		
Ellen W. Longstreth -- Mary Pearsall Agency a/c	2,533.38	
Augustus Taber Murray Research Scholarship Fund	<u>5,375.00</u>	943,161.95

Money Borrowed Temporarily 60,000.00

Balances 9th Month 1, 1944:

In Treasurer's Account	94,632.64	
In President's Account	<u>15,513.18</u>	<u>110,145.82</u>
		<u>\$2,047,003.75</u>

EXPENDITURES

1944 - 1945

Expenses of Running the College

Administration		
Salaries	49,911.21	
Supplies and Postage	1,641.52	
Services	481.82	
Telephone & Telegraph	590.77	
Additional Equipment	cr. 34.26	
Insurance	121.45	
Traveling	233.08	
Public Relations	632.16	
Printing	3,227.76	
Entertainment	<u>1,434.08</u>	58,239.59
Educational Departments		
Salaries	167,046.31	
Supplies	2,175.52	
Services	1,076.56	
Telephone & Telegraph	835.21	
Replacement & Repair	cr. 38.25	
Additional Equipment	336.91	
Taxes	1.00	
Insurance	1,163.71	
Auto Maintenance	12.40	
Traveling	1,662.56	
Public Relations	77.35	
Printing	77.00	
Miscellaneous	<u>cr. 366.63</u>	174,059.65
Maintenance & Operation		
Wages	43,607.19	
Supplies	13,433.13	
Services	3,669.31	
Water, heat, light, power	5,119.27	
Telephone & Telegraph	355.99	
Replacement & Repair	1,996.69	
Additional Equipment	843.53	
Major Alterations	452.11	
Taxes	2,447.36	
Insurance	3,958.72	
Auto Operation	503.17	
Miscellaneous	<u>2,261.69</u>	78,648.16
Kitchen		
Wages	18,410.41	
Provisions	30,267.90	
Services	607.30	
Water, heat, light, power	3,263.50	
Telephone & Telegraph	180.64	
Replacement & Repair	244.93	
Additional Equipment	512.42	
Taxes	10.00	
Insurance	209.85	
Traveling	<u>16.46</u>	53,723.41
		<u>364,670.81</u>
Forward		364,670.81

Forward		364,670.81	
Stork Art Gift, shortage of income to meet interest charge		950.00	
Fourth 1/6 cost of Language House Alterations (written off)		511.87	
Fourth 1/6 cost of Kitchen Alterations (written off)		2,501.03	
Treasurer's & Secretary's Expenses		5,282.69	
Old Style Pensions		22,928.12	
Annuity		1,600.00	
Interest Paid		6,533.82	
Uncollectable Account written off		<u>161.24</u>	
Expense of College for regular students			405,139.58
<u>Accelerated Summer Term 1944, completed</u>			
(Additional net expenses as follows:)			
Provisions		1,090.48	
Family Expenses & Furniture		13.27	
Fuel and Light		311.22	
Kitchen Laundry		106.95	
Library		40.56	
Various Educational		7.23	
Printing		10.00	
Moving Expense		61.62	
Refund of Tuition		<u>60.00</u>	
(Deducting these from the balance carried over from 1943-44, and the receipts collected in 1944-45 leaves a final credit balance of \$9,485.64)			1,701.33
<u>Premeteorological Unit, Final Settlement</u>			
Refund paid U. S. Government in final settlement (This was paid from reserve of \$16,200.26 set aside in 1943-44, showing final gain of \$470.30)			15,729.96
<u>Army Specialized Training Program, Completed</u>			
Activating Costs		169.40	
Use of Facilities		980.43	
Instruction Books	410.30		
Transferred to Tuition a/c	5,200.00		
Transferred to Summer Term-1944	<u>6,171.36</u>	11,781.66	
Medical		931.64	
Subsistence - Provisions	2,480.16		
Supplies	266.60		
Wages	760.96		
Depreciation			
Maintenance charges	<u>253.74</u>	3,761.46	
Maintenance and Operation			
Janitors	955.49		
Supervisory	<u>100.00</u>	1,055.49	
Utilities - Electricity	88.80		
Water	149.80		
Coal	467.08		
Repairs	<u>9.58</u>	715.26	
Forward		19,395.34	422,570.87

Forward		19,395.34	422,570.87
<u>Army Specialized Training Program, Completed (continued)</u>			
Depreciation		11.90	
Administrative.		80.47	
Repairs to Lloyd Hall	676.85		
Repairs to Barclay Hall.	<u>911.88</u>	<u>1,588.53</u>	
(With expenditures of \$189,797.69 incurred in 1943-44, all expenditures totalled \$210,873.93. Deducting the \$202,068.22 receipts collected from the Government, there remained a net loss to the College of \$8,805.71)			21,076.24
<u>Immigration and Naturalization Service</u>			
Transferred to Board and Room from Non-Students		12,800.70	
Transferred to Miscellaneous Receipts account as income.		1,175.01	
Furniture in Lounges		139.00	
Phone.		52.19	
Athletics.		<u>8.80</u>	
			14,175.70
<u>Accelerated Summer Term, 1945 (Uncompleted)</u>			
Administrative Salaries.	300.00		
Faculty Salaries	6,025.00		
Library Salaries	<u>700.00</u>	7,025.00	
Maintenance and Operation - Wages.	2,753.44		
Laundry	11.60		
Coal.	1,755.00		
Water.	200.00		
Light	<u>270.74</u>	4,990.78	
Athletics - Coach.	70.00		
Trip to Princeton.	<u>74.29</u>	144.29	
Graduation Speaker.	50.00		
Program.	<u>10.00</u>	60.00	
Directory		53.20	
Cost of meals served to students (credited to Board and Room a/c)		<u>4,650.82</u>	
			16,924.09
<u>Expenditures from Income of Funds for Scholarships and Fellowships</u>			
Jacob P. Jones Endowment Fund	3,400.00		
Moses Brown Fund.	3,362.25		
Moses Brown Fund at Pendle Hill	<u>350.00</u>	3,712.25	
Thomas P. Cope Fund.	225.00		
Edward Yarnall Fund	425.00		
Isaiah V. Williamson Fund.	1,110.00		
Richard T. Jones Scholarship Fund	575.00		
Mary M. Johnson Scholarship Fund	400.00		
Sarah Marshall Scholarship Fund	385.00		
Isaac Thorne Johnson Scholarship Fund	350.00		
Caspar Wistar Memorial Fund.	280.00		
J. Kennedy Moorhouse Scholarship Fund.	450.00		
Paul W. Newhall Memorial Scholarship Fund.	475.00		
Robert Martin Zuckert Memorial Scholarship Fund	<u>675.00</u>		
Forward	12,462.25		474,746.90

Forward 12,462.25 474,746.90

Expenditures from Income of Funds for Scholarships and Fellowships (continued)

Samuel E. Hilles Scholarship Fund	200.00	
Class of 1913 Scholarship Fund.	300.00	
Class of 1917 Scholarship Fund.	225.00	
Daniel B. Smith Fund	150.00	
Sarah Tatum Hilles Memorial Scholarship Fund. .	3,589.00	
Elihu Grant Memorial Scholarship Fund.	<u>150.00</u>	
		17,076.25

Expenditures from Income of Special Trust

Augustus Taber Murray Research Scholarship Fund - Annuity		980.00
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Expenditures from Income of Funds for Library

W. D. & E. M. L. Scull Fund - Books	206.20	
Ellen W. Longstreth Fund - Books.	299.28	
Mary Farnum Brown Library Fund		
Books - General	2,577.87	
Books - Christian Knowledge.	249.94	
Lecture.	<u>84.50</u>	
		2,912.31
William H. Jenks Library Fund - Books	143.56	
Mary Wistar Brown Williams Library Fund - Books	1,102.10	
F. B. Gummere Library Fund - Books	22.05	
Edmund Morris Fergusson Jr. Memorial Fund - .		
Books.	42.42	
Class of 1888 Library Fund - Books	<u>376.63</u>	
		5,104.55

Expenditures from Income of Funds for Special Purposes

Thomas Shipley Fund - Lecture	127.57	
Elliston P. Morris Fund - Books.	19.67	
Special Endowment Fund -		
Religious Education Committee.	200.00	
Friends Council on Education.	<u>25.00</u>	
		225.00
Scholarship Improvement Prize Fund - Prizes . .	95.00	
Elizabeth P. Smith Fund - Prize.	20.00	
S.P. Lippincott History Prize Fund		
Prize	100.00	
Books	<u>97.15</u>	
		197.15
Newton Prize Fund - Books	13.35	
Arboretum Fund - Spraying Trees.	125.00	
William Ellis Scull Prize Fund - Prize	50.00	
Strawbridge Observatory Maintenance Fund -		
Lighting etc.	89.15	
Mathematics Department Prize Fund - Prize . . .	15.00	
William T. Elkinton Fund-Travel Expense, etc. . .	39.74	
Class of 1902 Latin Prize Fund - Prize	<u>10.00</u>	
		<u>1,026.63</u>
		<u>24,187.43</u>

Spent from Donations

For Music - from Gift of Carnegie Foundation. . .	2,145.83	
For Field House - Invested in U.S. Bonds	185.00	
For Books - From gift of E. Block	42.88	
From gift of Carnegie Foundation.	<u>37.74</u>	
Forward	80.62	2,330.83
		498,934.33

Forward

Spent from Donations (continued)

Forward	80.62	2,330.83	
From gift of Class of 1932	22.15		
From gift of Library Associates	88.90		
From Minor Library Donations	54.92		
From Matzke Royalties	67.21	313.80	
For London Times - from gift of Christopher Morley		21.00	
For Post War Planning - books		11.02	
For Prizes - Class of 1910 Poetry Prize		25.00	
For Scholarships		3,509.50	
For Campus Club		20.53	
For Chemical Laboratory Equipment		417.26	
For Engineering Equipment		49.50	
For S S Haverford Victory, Library on board		300.00	
For Kitchen Repairs		415.75	
For Prize Essay from gift of National Foundation for Education		100.00	
For Radio Club		40.00	
For Roberts Hall Electrical Equipment		100.00	
For Salaries		3,162.50	
For Transfer to 1902 Latin Prize Fund		39.00	
For Transfer to Skating Pond - Bird Sanctuary balance		121.70	10,977.39

Spent from Triangle Society Gift Donation

For Salaries		4,249.98	
For Main Line Forum	725.59		
Less share borne by National Foundation for Education	500.00	225.59	
For Maps and Books from Army		41.55	4,517.12

Spent from Triangle Society - Pew Gift

Salaries for special research work		4,865.37	
Moving Expenses of staff member		250.00	
Traveling Expenses		39.98	
Transferred to Donations a/c for			
Chemical Laboratory Equipment	1,000.00		
Kitchen Repairs	500.00		
Post War Planning - Books	100.00	1,600.00	6,755.35

Spent from Bucky Foundation Gift

For books		73.87	
For Scholarship to Graduate Student		100.00	
For Chapel in the Union		22.82	196.49

Spent from Alumni Sustaining Fund

For Expenses of Alumni Association	3,750.00		
For Campaign travel expense	72.00	3,822.00	26,268.35
(Balance of \$38,307.02 used for College Budget Expenses)			

Forward 525,202.68

Forward

525,202.68

Miscellaneous Expenditures

For Books from sale of books-Biology	34.03	
For Books from sale of books-Chemistry	7.64	
Skating Pond Expenses	254.31	
Income Taxes paid from Amounts Withheld - Salaries	38,528.55	
Income Taxes paid from Amounts Withheld - Pensions	1,408.20	
Advances to be refunded - Loan	20.00	
In and Out	817.35	
Work done for Others	1,358.02	
Book Store	1,468.52	
Store account (Fry, Mgr.)	5,391.64	
Student Store, old a/c	81.50	
Spent for E.S.M.W.T.	1,188.00	
Loan made	300.00	
Griffin Lane Properties - maintenance	<u>1,140.66</u>	51,998.42
Accounts Receivable from Students - applied . . .	165,660.29	
Accounts Receivable from Employees	39,793.98	
Accounts Receivable from Army	<u>996.28</u>	206,450.55

Items Relating to Other Fiscal Years

Student Activities Account - applied	1,319.80	
Advance Receipts for Following Year - applied . .	90.00	
Expenses for Following Year - applied	11,434.44	
Insurance for Following Year - prepaid	16,671.22	
Refund of bill of 1942-43	<u>91.00</u>	29,606.46

Investments Made or Donated

Consolidated Investments Account		
Bonds - Government	211,241.31	
Industrial	7,366.90	
Public Utility	31,820.63	
Railroad	96,178.58	
Miscellaneous	<u>10,932.50</u>	357,539.92
Preferred Stocks -		
Industrial	30,000.00	
Public Utility	<u>31,310.31</u>	61,310.31
Common Stocks -		
Bank & Insurance	94,175.54	
Industrial	169,762.31	
Public Utility	47,668.63	
Railroad	<u>39,271.54</u>	350,878.02
Mortgages	121,415.00	
Real Estate - Charges to Principal	632.85	
Miscellaneous	<u>79,831.70</u>	971,607.80
John Farnum Memorial Fund		<u>5,307.20</u>
Nathan Branson Hill Fund (First National Bank & Trust Co. of Minneapolis, Minn.) (Entered short \$2,207.50)		
Ellen W. Longstreth -- Mary Pearsall Agency a/c	236.40	
Anna Yarnall Agency a/c	13.41	
Augustus Taber Murray Research Scholarship Fund	<u>4,963.53</u>	982,128.34

Forward

1,795,386.45

Forward 1,795,386.45

Income Transferred to Principal

Moses Brown Fund	1,847.34	
Isaac Thorne Johnson Scholarship Fund	90.45	
Mary Farnum Brown Library Fund	578.17	
George Peirce Prize Fund	118.38	
Jacob and Eugenie Bucky Memorial Fund	112.63	
Mathematics Department Prize Fund	<u>41.69</u>	2,788.66

Borrowed Money

Repaid in full 60,000.00

Balances 8th Month 31, 1945

In Treasurer's Account	176,679.03	
In President's Account	<u>12,149.61</u>	<u>188,828.64</u>
		<u>\$2,047,003.75</u>

FINANCIAL STATEMENT

For the Year Ending 8th Month 31, 1945

Net Cash Receipts at College

As per foregoing statement:

Income against the Budget from

College Sources

(a) For regular students.	\$168,009.45		
Less Tuition provided by			
Scholarships			
From Funds (This includes			
Summer Term).	\$16,726.25		
From Donations	3,509.50	20,235.75	
			\$147,773.70
(b) Accelerated Summer Term 1944, completed			
Receipts 1943-44 (see last year's report)	23,206.53		
Receipts 1944-45	6,271.36	29,477.89	
(c) Premeteorological Unit -- Settlement Reserve			
from 1943-1944.			16,200.26
(d) Army Specialized Training Program			
(completed)			
Receipts 1943-44.	160,041.51		
Receipts 1944-45.	42,026.71	202,068.22	
(e) Immigration and Naturalization Service			14,175.70
			<u>\$409,695.77</u>

Income from Funds, Donations, etc.

(Applicable to Operating Account after capitalizing and special purposes)

Income from Funds.			224,319.57
Donations:			
Alumni Sustaining Fund (Net).	38,307.02		
For Cope Field care.	50.00		
For General Purposes	45.00		
For Scholarships (as above).	3,509.50	41,911.52	
Interest Received			1,838.13
Returned from Student Loan Fund			4,000.00
			<u>272,069.22</u>
			681,764.99

Expenses of Running the College

(a) Regular Expenses, as per foregoing statement			405,139.58
(b) Accelerated Summer Term 1944 Completed			
Spent 1943-44			
(See last year's report)	18,290.92		
Spent 1944-45	1,701.33	19,992.25	
(Gain 9,485.64)			
(c) Premeteorological Unit			
Final Settlement paid to Government			15,729.96
(Gain 470.30)			
(d) Army Specialized Training Program			
Spent 1943-44.	189,797.69		
Spent 1944-45.	21,076.24	210,873.93	
(Loss 8,805.71)			
(e) Immigration and Naturalization Service			14,175.70
(No Gain or Loss)			<u>665,911.42</u>
			<u>\$15,853.57</u>

Operating Gain for 1944-45

STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1945

DEBT OF THE CORPORATION

Debt of the Corporation 9th Month 1, 1944		\$104,603.86
Decreased during the year		
By taking over Debt incurred for Seven Campus Houses into Consolidated Investments Account	\$79,831.70	
By Operating Gain 1944-45	<u>15,853.57</u>	
		\$95,685.27
Increased during the year		
By Refund of Tuition 1942-43 (To Student in U. S. Service)		<u>91.00</u>
Debt reduced		<u>95,594.27</u>
Debt 8th Month 31, 1945		\$ 9,009.59

Note: - The Investment of the Funds in College Lane Real Estate, with eight houses thereon, together with the above seven houses, was combined with all other Campus Houses in Consolidated Investments Account at a total book value of \$281,331.70. This will be amortized annually.

REPORT ON THE FUNDS

	Principals				Income			
	Book Value		Decreased		Book Value		Balance	
	Sept. 1, 1944	Increased	Aug. 31, 1945	Sept. 1, 1944	Net Income	Expended	Special	Balance Aug. 31, 1945
Funds for General Purposes								
General Endowment Fund.....	93,753.86		93,753.86		5,084.24	5,084.24		
John Farrum Memorial Fund.....	35,410.66	1,030.62	34,689.85	1,751.43	721.67	721.67		
John M. Whitall Fund.....	10,252.18		10,252.18		552.69	552.69		
David Scull Fund.....	43,173.04		43,173.04		2,327.44	2,327.44		
Edward L. Scull Fund.....	10,950.03		10,950.03		590.31	590.31		
Wistar Morris Memorial Fund.....	4,956.69		4,956.69		267.21	267.21		
Israel Franklin Whitall Fund.....	10,388.86		10,388.86		560.06	560.06		
Jacob P. Jones Endowment Fund.....	1,253,930.25		1,253,930.25		67,598.98	64,198.98	3,400.00 ¹	
John Farrum Brown Memorial Fund.....	265,841.10		265,841.10		14,331.42	14,331.42		
Ellen WaIn Fund.....	10,711.80		20,710.06		1,116.47	1,116.47		
Clementine Cope Endowment Fund.....	20,710.06		5,194.16		138.25	138.25		
Nathan Branson Hill Fund.....	5,097.41	36.75	40,849.10		2,202.16	2,202.16		
Joseph E. Gillingham Fund.....	40,849.10		5,671.42		305.74	305.74		
Henry Norris Fund.....	5,671.42		5,671.42		508.16	508.16		
Elizabeth H. Farrum Fund.....	9,624.66		43,009.70	464.42	2,322.57	2,322.57		
James R. Magee Fund.....	43,009.70	175.00	1,445.31		77.92	77.92		
Albert K. Smiley Fund.....	1,445.31		38,074.84		2,052.60	2,052.60		
Hinchman Astronomical Fund.....	38,074.84		168,196.24		9,067.40	8,861.20		
W. D. & E. M. L. Scull Fund.....	168,196.24		25,795.00		1,390.60	1,390.60		
Albin Garrett Memorial Fund.....	25,795.00		23,492.69		1,266.48	1,266.48		
Arnold Chase Scattergood Fund.....	23,492.69		120,991.54		6,522.61	6,522.61		
Francis B. Gummere Memorial Fund.....	120,991.54		210,754.11		11,361.70	11,361.70		
Isaac Sharpless Memorial Fund.....	210,754.11		121,480.36		6,548.97	6,548.97		
General Education Fund.....	121,480.36		98,346.29		5,301.82	5,301.82		
William Penn Foundation.....	98,346.29		13,610.80		733.75	733.75		
Walter Carroll Brinton Memorial Fund.....	13,610.80		77,093.02		4,156.06	4,156.06		
Corporation Fund.....	77,093.02		9,635.43		519.44	519.44		
Elizabeth J. Shortridge Fund.....	9,635.43		4,844.02		261.14	261.14		
Howard Comfort Memorial Fund.....	4,844.02		48,165.07		2,596.56	2,596.56		
Emma Ridgway Conly Fund.....	48,165.07		101,712.86		5,599.93	5,300.65	299.28 ²	
Ellen W. Longstreth Fund.....	101,712.86		14.00					
In Consolidated a/c.....	99,415.88	2,296.98	5,880.30					
E. W. Longstreth Agency a/c.....	14.00		338.99	4,759.95				
Mary Pearsall Agency a/c.....	5,880.30							
Forward.....	2,931,565.76	3,878.34	6,975.80	500.00	156,631.82	152,726.34	3,905.48	500.00

REPORT ON THE FUNDS (Continued)

	Principals		Income		
	Book Value	Increased	Decreased	Book Value	Balance
	Sept. 1, 1944	Aug. 31, 1945	Aug. 31, 1945	Sept. 1, 1944	Aug. 31, 1945
<u>Funds for General Purposes (continued)</u>					
Forward.....	2,931,565.76	3,878.34	6,975.80	500.00	156,831.82
Albert L. Bailly Fund.....	4,817.71				152,726.34
Elizabeth B. Wistar Warner Fund.....	4,769.54				3,905.48
T. Allen Hillis Bequest.....	270,528.30				
Leonard L. Greif Jr. Roger L. Greif Fund.	963.54				
Edward M. Wistar Fund.....	2,408.86				
Morris E. Leeds Fund.....	39,428.52				
J. Henry Scattergood Fund.....	1,979.41				
	3,256,461.64				500.00
<u>Funds for Wistar Brown Graduate School</u>					
Moses Brown Fund.....	342,673.70	1,847.34			
					18,473.44
					12,913.85
					3,217.33
<u>Funds for Morris Infirmary</u>					
Infirmary Endowment Fund.....	9,301.50				
John W. Pinkham Fund.....	4,875.05				
	14,176.55				
<u>Fund for Haverford Union</u>					
Haverford Union Fund.....	1,810.33				
					501.44
					262.81
					97.59
<u>Funds for Scholarships</u>					
Thomas P. Cope Fund.....	5,066.13				
Edward Vernal Fund.....	5,847.96				
Isaiah V. Williamson Fund.....	19,094.90				
Richard T. Jones Scholarship Fund.....	4,871.92				
Mary M. Johnson Scholarship Fund.....	6,757.92				
Sarah Marshall Scholarship Fund.....	7,631.02				
Clementine Cope Fellowship Fund.....	22,012.96				
Forward.....	71,282.81	5,725.68	6,975.80	4,252.24	197,324.96
					184,017.06
					12,585.07
					4,975.07
					225.00 ¹
					83.90
					425.00 ¹
					1,110.00 ¹
					270.36
					76.77
					575.00 ¹
					96.83
					400.00 ¹
					106.15
					385.00 ¹
					3,749.89

REPORT ON THE FUNDS (Continued)

	Principal			Income					
	Book Value	Increased	Decreased	Book Value	Net Income	Expended			
	Sept. 1, 1944			Aug. 31, 1945	Sept. 1, 1944	Aug. 31, 1945			
Funds for Scholarships (cont inued)									
Forward.....	71,282.81	5,725.68	6,975.80	71,282.81	4,252.24	197,324.96	184,017.06	12,585.07	4,975.07
Isaac Thorne Johnson Scholarship Fund.....	8,170.08	90.45		8,260.53		440.45		350.00	
Casper Wistar Memorial Fund.....	2,843.61			2,843.61	205.28	153.30		90.45	
J. Kennedy Moorhouse Scholarship Fund.....	4,967.88			4,967.88	288.88	267.82		280.00	78.58
Louis Jaquette Palmer Scholarship Fund.....	4,817.71			4,817.71	280.43	259.72		450.00	106.70
Paul W. Newhall Memorial Scholarship Fund	4,861.65			4,861.65	382.25	262.09			540.15
Robert Martin Zuckert Memorial Scholarship Fund.....	15,813.65	1,000.00		16,813.65	182.89	888.45		475.00	169.34
Samuel E. Hillis Scholarship Fund.....	4,834.39			4,834.39	22.50	260.62		675.00	396.34
Class of 1913 Scholarship Fund.....	2,890.62			2,890.62	197.86	155.83		200.00	83.12
Class of 1917 Scholarship Fund.....	3,014.85	500.00		3,514.85	121.35	173.96		300.00	53.69
Daniel B. Smith Fund.....	2,500.00	2,500.00		5,000.00	106.55	352.63		225.00	70.31
Sarah Tatum Hillis Memorial Scholarship Fund.....	75,534.58			75,534.58	3,266.49	4,072.04		3,589.00	3,749.53
Elihu Grant Memorial Scholarship Fund.....	2,078.73	12,000.00		14,078.73	36.42	362.27		150.00	248.69
	203,610.56			219,701.01					
Augustus Taber Murray Research Scholar Scholarship Fund.....	20,914.34	907.81		21,822.15	Dr: 440.38	1,098.25		980.00	Dr: 322.13
	224,524.90			241,523.16					
Funds for the Library									
Alumni Library Fund.....	16,799.42			16,799.42		905.65		905.65	
Mary Farnum Brown Library Fund	64,746.82	578.17		65,324.99		3,490.48		2,827.85	
William H. Jenks Library Funds.....	4,817.71			4,817.71	310.74	259.72		578.17	
Mary Wistar Brown Williams Library Fund..	19,566.40			19,566.40	2,569.17	1,054.82		143.56	426.90
Anna Yarnall Fund									2,521.89
In Consolidated a/c.....	165,460.31		13.41	165,446.90		8,914.61		1,102.10	
Agency a/c.....	1,804.75	13.41		1,818.16					
Forward.....	273,195.41	23,315.52	6,989.21	273,773.58	11,782.67	220,697.67	193,837.32	25,235.66	13,407.36

REPORT ON THE FUNDS (Cont inued)

	Principal			Income					
	Book Value	Increased	Decreased	Book Value	Net Income	Expended	Special	Balance	
	Sept. 1, 1944			Aug. 31, 1945	Sept. 1, 1944			Aug. 31, 1945	
<u>Funds for Library (continued)</u>									
Forward.....	273,195.41	23,315.52	6,989.21	273,773.58	11,782.67	220,697.67	193,837.32	25,235.66	13,407.36
F. B. Gumme Library Fund.....	612.30			612.30	18.98	33.01	22.05		29.94
Edmund Morris Ferguson Jr. Memorial Fund.....	965.80			965.80	12.35	52.07		42.42	22.00
Class of 1888 Library Fund.....	5,641.02	500.00		6,141.02	583.43	322.08		376.63	528.88
Class of 1918 Library Fund.....	1,207.83			1,207.83	50.98	65.11			116.09
	<u>281,622.36</u>			<u>282,700.53</u>					
<u>Funds for Old Style Pensions</u>									
President Sharpless Fund.....	39,733.67			39,733.67	2,142.03	2,142.03			
William P. Henzey Fund.....	35,418.53			35,418.53	1,909.40	1,909.40			
Jacob P. Jones Benefit Fund.....	65,630.50			65,630.50	3,538.12	3,538.12			
Pliny Earle Chase Memorial Fund.....	3,152.93			3,152.93	169.97	169.97			
Haverford College Pension Fund.....	107,955.98			107,955.98	5,819.87	5,819.87			
	<u>251,891.61</u>			<u>251,891.61</u>					
<u>Funds for Special Purposes</u>									
Thomas Shipley Fund.....	5,056.68			5,056.68	787.59	279.60		127.57 ⁵	932.62
Elliston P. Morris Fund.....	1,085.68			1,085.68	63.85	58.53		19.67 ³	102.71
John B. Garrett Reading Prize Fund.....	2,189.40			2,189.40	353.05	118.03			471.08
Special Endowment Fund.....	8,890.67			8,890.67	1,284.39	479.29		25,00 ⁶	1,538.68
Scholarship Improvement Prize Fund.....	2,213.14			2,213.14	93.10	119.31		95,00 ⁸	117.41
Elizabeth P. Smith Fund.....	1,680.48			1,680.48	239.19	90.59		20,00 ⁸	309.78
S. P. Lippincott History Prize Fund.....	2,454.02			2,454.02	274.08	132.30		100,09 ⁵	209.23
Francis Stokes Fund.....	4,933.63			4,933.63	829.47	265.97		97,19 ⁵	1,095.44
George Peirce Prize Fund.....	2,195.95	118.38		2,314.33		118.38		118.38 ³	397.10
Lyman Beecher Hall Prize Fund.....	2,076.43			2,076.43	285.16	111.94			109.72
Newton Prize Fund.....	1,346.79			1,346.79	50.46	72.61		13.35 ²	
Edward B. Conklin Athletic Fund.....	2,312.51			2,312.51		124.67			
Forward.....	36,435.38	23,933.90	6,989.21	36,553.76	16,708.75	236,713.55	207,563.43	26,470.83	19,388.04

REPORT ON THE FUNDS (Cont inued)

	Principle		Income						
	Book Value	Increased	Decreased	Book Value	Net Income	Expended	Special	Balance	
	Sept. 1, 1944			Aug. 31, 1945	Sept. 1, 1944			Aug. 31, 1945	
<u>Funds for Special Purposes (continued)</u>									
Forward.....	36,435.38	23,933.90	6,989.21	36,553.76	16,708.75	236,713.55	207,563.43	26,470.83	19,388.04
Arboretum Fund.....	4,420.49			4,420.49	849.47	238.31		125.00 ⁹	962.78
William Ellis Scull Prize Fund.....	1,927.09			1,927.09	181.10	103.89		50.00 ⁸	234.99
Paul D. I. Maier Fund.....	963.54			963.54		51.94			
Strawbridge Observatory Maintenance Fund	3,699.55			3,699.55	357.52	199.44			467.81
Jacob Eugene Bucky Memorial Foundation..	2,089.23	112.63		2,201.86		112.63			
Mathematics Department Prize Fund.....	1,051.60	41.69		1,093.29		56.69		15,00 ⁸	41,69 ⁹
William T. Elkinton Fund.....		2,491.50		2,491.50		145.40	39.74		105.66
Tilney Memorial Fund.....		2,000.00		2,000.00		67.39			67.39
Class of 1902 Latin Prize Fund.....		142.90		142.90		43.52		10,00 ⁸	33.52
	<u>50,586.88</u>	<u>28,722.62</u>	<u>6,989.21</u>	<u>55,493.98</u>	<u>18,096.84</u>	<u>237,732.76</u>	<u>207,856.89</u>	<u>26,712.52</u>	<u>21,260.19</u>
	<u>\$4,423,747.97</u>	<u>\$28,722.62</u>	<u>\$6,989.21</u>	<u>\$4,445,481.38</u>	<u>\$18,096.84</u>	<u>\$237,732.76</u>	<u>\$207,856.89</u>	<u>\$26,712.52</u>	<u>\$21,260.19</u>

- 1 Scholarships
- 2 Books
- 3 Capitalized
- 4 Annuity
- 5 Lecture
- 6 Friends Council on Education
- 7 Religious Educational Committee
- 8 Prize
- 9 Spray of Trees

SUMMARY OF THE FUNDS

	Book Value September 1, 1944	Increased	Decreased	Book Value September 1, 1945
Funds for General Purposes	\$ 3,256,461.64	\$ 3,878.34	\$ 6,975.80	\$ 3,253,364.18
Fund for T. Wistar Brown Graduate Scholarship	342,673.70	1,847.34		344,521.04
Funds for Morris Infirmary	14,176.55			14,176.55
Fund for Havford Union	1,810.33			1,810.33
Funds for Scholarships	224,524.90	16,998.26		241,523.16
Funds for Library	281,622.36	1,091.58	13.41	282,700.53
Funds for Old Style Pensions	251,891.61			251,891.61
Funds for Special Purposes	50,586.88	4,907.10		55,493.98
Plus undistributed gains in Consolidated Account	4,423,747.97	28,722.62	6,989.21	4,445,481.38
Total of ALL Funds	<u>\$4,467,142.58</u>	<u>\$28,722.62</u>	<u>\$6,989.21</u>	<u>\$4,499,646.71</u>
<u>SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS</u>				
Consolidated Account (including undistributed gains)	\$4,388,396.42	\$106,525.76	\$60,213.17	\$4,434,709.01
Non-Consolidated Accounts:				
John Farnum Memorial Fund	35,410.66	1,030.62	1,751.43	34,689.85
Nathan Branson Hill Fund				
(In care of First National Bank & Trust Co., Minneapolis, Minnesota)	5,097.41	36.75		5,134.16
Elizabeth H. Farnum Fund				
(Provident Trust Co., Trustee)	9,624.66		9,624.66	
Ellen W. Longstreth Fund -- Mary Pearsall et al Agency A/C				
(Girard Trust Co., Agent)	5,880.30	338.99		1,459.34
Ellen W. Longstreth Fund -- Ellen W. Longstreth Agency A/C				
(Girard Trust Co., Agent)	14.04			14.04
The Augustus Taber Murray Research Scholarship Fund	20,914.34	907.81		21,822.15
Anna Yarnall Fund -- Anna Yarnall Agency A/C	1,804.75	13.41		1,818.16
(Girard Trust Co., Agent)				
	<u>\$4,467,142.58</u>	<u>\$108,853.34</u>	<u>\$76,349.21</u>	<u>\$4,499,646.71</u>

The Book Value increased \$32,504.13 as follows:

Donations to Funds	\$21,309.40
Income Transferred to Principal	2,788.66
Gain on Securities Sold	\$30,818.66
Gain on Securities Called	38,973.09
Gain on Real Estate Sold	1,392.90
	<u>\$95,282.71</u>
LESS:	
Loss on Securities Sold	15,352.46
Loss on Securities Called	201.67
Loss on Securities Exchanged	6,364.61
Loss on Elizabeth H. Farnum Fund	124.80
Expense on Transfer	339.62
Loss on Real Estate Sold	22,383.16
Loss on Mortgage Liquidated	39,758.47
	<u>62,778.58</u>
	<u>\$32,504.13</u>

CLASSIFICATION OF INVESTMENTS

8th Month 31, 1945

	Consolidated Account	Non- Consolidated Accounts	Total	%	Market Value	%
<u>BONDS</u>						
Government						
United States	\$236,241.31	\$ 3,100.00	\$239,341.31		\$263,357.21	
Foreign	24,062.50		24,062.50		10,260.00	
Municipal	2,800.00	10,507.50	13,307.50		16,311.00	
Industrial	19,895.74	6,228.70	26,124.44		216,241.25	
Public Utility	195,100.06	4,676.92	199,776.98		576,324.90	
Railroad	516,997.81	14,984.53	531,982.34		0.00	
Equipment Trust	0.00		0.00		33,795.00	
Miscellaneous	17,211.50		17,211.50			
	<u>1,012,308.92</u>	<u>39,497.65</u>	<u>1,051,806.57</u>	<u>23.35</u>	<u>1,116,289.56</u>	<u>22.93</u>
<u>PREFERRED STOCKS</u>						
Industrial	115,684.12				116,088.75	
Public Utility	234,948.89				253,235.00	
Railroad	47,354.80				58,350.00	
Miscellaneous	0.00				0.00	
	<u>397,987.81</u>		<u>397,987.81</u>	<u>8.84</u>	<u>427,673.75</u>	<u>8.79</u>
<u>COMMON STOCKS</u>						
Banks & Insurance	423,827.72				473,698.75	
Industrial	883,508.79				1,094,975.00	
Public Utility	203,719.30				242,020.50	
Railroad	170,674.37				144,452.50	
Miscellaneous	9,521.98				9,670.00	
	<u>1,691,252.16</u>		<u>1,691,252.16</u>	<u>37.59</u>	<u>1,964,816.75</u>	<u>40.37</u>
<u>MORTGAGES</u>	432,288.01				433,452.87	8.91
<u>REAL ESTATE</u>	403,024.55				412,564.12	8.47
<u>MISCELLANEOUS</u> (including Campus Houses \$281,331.70)	328,601.13				328,601.13	6.75
<u>CASH</u> - due to Funds from Corporation @ 4% Interest	169,246.43				183,982.05	3.78
	<u>4,434,709.01</u>		<u>64,937.70</u>		<u>4,499,646.71</u>	<u>100.00%</u>

NOTE: There are \$69,000.00 Public Utility Bonds not included in above figures, being holding in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund also has an overdraft in Principal Cash of \$45,800.00.

INCOME RETURN

The net income return after allowing commission to our fiscal agent (\$237,423.49) was 5.25% on book value at the end of the year. This includes \$25,345.52 which was eleven years accumulated back interest on \$43,000. Choctaw & Memphis bonds. Excluding this extraordinary receipt the return was 4.71%

Lawrence E. Brown & Company

ESTABLISHED 1882

Certified Public Accountants

(PENNSYLVANIA)

ADDISON R. BROWN
JOHN H. HAIRE
W. EDWIN DILL
ROBERT W. JOHNSTON

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

September 27, 1945.

Board of Managers,
The Corporation of Haverford College,
Haverford, Pennsylvania.

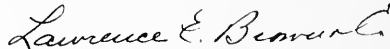
Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1945 and the statement of debt of the corporation as of said date 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, 1945 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company as fiscal agent 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, 1945 in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,



Lawrence E. Brown & Company
Certified Public Accountants

DONATIONS FOR ADDITIONS TO FUNDS

JAMES R. MAGEE FUND

Further distribution of principal
of Anna J. Magee Trust \$175.00

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

From -- Harry M. Zuckert 1,000.00

CLASS OF 1917 SCHOLARSHIP FUND

Through -- Dr. John W. Spaeth, Jr.

From: William H. Chamberlin	\$ 5.00	
Dr. G. Donald Chandler	50.00	
Loring Dam	35.00	
Joseph W. Greene, Jr.	75.00	
Robert B. Haines	25.00	
Albert W. Hall	20.00	
Weston Howland	10.00	
H. Lawrence Jones	5.00	
M. Alexander Laverty	10.00	
Dr. Nelion F. Paxson	10.00	
Dr. E. Rowland Snader, Jr.	20.00	
Dr. John W. Spaeth, Jr.	25.00	
Arthur E. Spellissy	200.00	
T. Barclay Whitson	<u>10.00</u>	500.00

DANIEL B. SMITH FUND

Bequest from Esther Morton Smith,
Francis R. Taylor, Executor 2,500.00

ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

From -- Mrs. Almy C. Grant	2,000.00	
Grant Foundation, Inc.	<u>10,000.00</u>	12,000.00

CLASS OF 1888 LIBRARY FUND

From -- William Draper Lewis 500.00

WILLIAM T. ELKINTON FUND (New)

Bequest from William T. Elkinton,
Thomas W. Elkinton, Trustee 2,491.50

TILNEY MEMORIAL FUND (New)

From -- I. Sheldon Tilney 2,000.00

CLASS OF 1902 LATIN PRIZE FUND (New)

Through -- A. C. Wood, Jr., Secretary 142.90 \$21,309.40

DONATIONS

DONATIONS OTHER THAN FOR FUNDS

DANIEL B. SMITH FUND

Income from Bequest from Esther Morton Smith, Francis R. Taylor, Executor	184.16
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ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Income from Sale of Books	75.00
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WILLIAM T. ELKINTON FUND

Income from Trustee (Thomas W. Elkinton)	11.11
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CLASS OF 1902 LATIN PRIZE FUND

(A. C. Wood, Jr., Secretary)	<u>39.00</u>	309.27
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GENERAL DONATIONS ACCOUNT

FOR ATHLETICS -- FIELD HOUSE

Through A. W. Haddleton	21.00	
Through Mrs. J. A. Paisley	<u>25.00</u>	46.00

FOR BOOKS

Gift of Mr. E. Block	50.00
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Library Associates

From:

Mr. and Mrs. C. B. Allendoerfer	2.00
Mr. and Mrs. Wilfred Bancroft	2.00
Mr. Robert Barrie	2.00
Miss Mabel Beard	2.00
Miss Florence Beddall	2.00
Dr. and Mrs. C. J. Bergh	2.00
Mrs. Robert Montgomery Bird	2.00
Mr. and Mrs. Paul Bleyden	2.00
Lt. Comdr. & Mrs. H. Tatnall Brown, Jr.	2.00
Miss Caroline Burgess	2.00
Mr. and Mrs. Aldo Caselli	2.00
Miss Edith Chambers	2.00
Mrs. George H. Chambers	2.00
Mr. and Mrs. George K. Chandler	2.00
Dr. and Mrs. J. H. Cloud	2.00
Mrs. William H. Collins	2.00
Mr. Irwin T. Darlington	2.00
Mr. and Mrs. Charles W. David	2.00
Dr. and Mrs. Lovett Dewees	2.00
Mr. and Mrs. Thomas E. Drake	2.00
Mr. and Mrs. Henry S. Drinker, Jr.	10.00
Mr. and Mrs. McClure Fahnestock	2.00
Dr. and Mrs. Clifford B. Farr	2.00
Miss Muriel Farr	2.00
Mr. P. D. Folwell	10.00
Mrs. Horace B. Forman	2.00
Miss Kathryn V. Forrest	2.00
Mrs. Sara K. Fuller	<u>2.00</u>

Forward	72.00	50.00	355.27
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FOR BOOKS (continued)

Forward	72.00
Rev. Joseph J. Gildea	2.00
Mr. and Mrs. Douglas Gould	4.00
Miss Gladys H. Griscom	10.00
Mr. and Mrs. Henry V. Gummere	2.00
Mr. and Mrs. John P. Gummere	4.00
Mr. and Mrs. Richard M. Gummere	2.00
Mr. and Mrs. J. V. Hastings, Jr.	2.00
Mr. and Mrs. Harold Robert Hay	2.00
Mr. and Mrs. John G. Herndon	10.00
Miss Margaretta S. Hinchman	2.00
Mr. and Mrs. David Hinshaw	10.00
Sgt. William L. Hires	2.20
Mr. and Mrs. Clarence G. Hoag	10.00
Mr. Allen F. Horton	2.00
Mr. Andrew D. Hunt	2.00
Mrs. Elizabeth Pinney Hunt	2.00
Mrs. Ralph D. Jackson	2.00
Mr. and Mrs. Charles F. Jenkins	10.00
Mrs. Eloise N. Jenks	2.00
Mr. and Mrs. Ames Johnston	2.00
Mr. and Mrs. J. Barclay Jones	5.00
Mrs. Rufus M. Jones	2.00
Mr. Thomas O. Jones	2.00
Mr. John A. Kelly	10.00
Mr. W. M. C. Kimber	2.00
Mrs. Isaac La Boiteaux	10.00
Mr. and Mrs. Morris E. Leeds	10.00
Mr. Nathaniel H. Litchfield	2.00
Mr. and Mrs. John C. Lober	4.00
Mr. and Mrs. D. P. Lockwood	2.00
Dr. Robert M. Lockwood	2.00
Mr. and Mrs. Howard Longstreth	2.00
Capt. Benjamin H. Lowry	2.00
Mr. and Mrs. Benjamin Ludlow	5.00
Mr. and Mrs. Archibald MacIntosh	2.00
Mr. James P. Magill	10.00
Miss Belle Matheson	2.00
Mr. J. Wesley Matthews	2.00
Mr. and Mrs. William B. Meldrum	2.00
Mr. and Mrs. Walter Merrill	2.00
Mr. Wolfgang F. Michael	2.00
Rev. and Mrs. S. G. Morton Montgomery	2.00
Mr. Charles Henry Moon	2.00
Mr. and Mrs. Christopher Morley	10.00
Mr. and Mrs. Felix Morley	10.00
Dr. Harold H. Morris	2.00
Mr. Elliott H. Morse	2.00
Dr. and Mrs. Stuart Mudd	2.00
Mr. Philip G. Nordell	2.00
Miss Violet Oakley	2.00
Mr. and Mrs. Raymond T. Ohl	2.00
Mr. Nicholas Orehoff	2.00
Miss Jessie Allen Page	2.00
Mr. and Mrs. Frederic Palmer, Jr.	2.00
Mr. Oliver W. Paxson	2.00
Mr. and Mrs. L. Arnold Post	2.00

Forward 50.00 355.27

FOR BOOKS (continued)

Forward	284.20	
Mrs. G. R. Rebmann	2.00	
Mr. and Mrs. Layton Register	2.00	
Mrs. William A. Reitzel	2.00	
Mr. and Mrs. Charles J. Rhoads	10.00	
Dr. and Mrs. A. Newton Richards	2.00	
Mr. Charles S. Ristine	2.00	
Mr. and Mrs. Frederick P. Ristine	2.00	
Mr. and Mrs. Leon H. Rittenhouse	2.00	
Mr. and Mrs. George Rosengarten	10.00	
Mr. and Mrs. Ralph M. Sargent	10.00	
Mr. and Mrs. Winthrop Sargent, Jr.	10.00	
Mr. and Mrs. J. Henry Scattergood	5.00	
Mr. and Mrs. Samuel Scoville, Jr.	2.00	
Mr. and Mrs. Lucius Shero	2.00	
Miss Mary C. Smith	2.00	
Dr. E. Roland Snader, Jr.	2.00	
Mr. and Mrs. Edward D. Snyder	2.00	
Mr. and Mrs. Freas B. Snyder	4.00	
Dr. and Mrs. William C. Stadie	2.00	
Mr. and Mrs. I. Thomas Steere	2.00	
Mr. and Mrs. Jonathan M. Steere	10.00	
Mr. and Mrs. J. Tyson Stokes	25.00	
Mrs. Kenneth E. Stuart	2.00	
Mrs. Arthur H. Thomas	2.00	
Mr. and Mrs. W. Nelson L. West	5.00	
Mr. and Mrs. William T. West	2.00	
Mr. Theodore Whittelsey	2.00	
Mr. H. Justice Williams	2.00	
Lt. A. Jardine Williamson (two years) ..	4.00	
Mr. and Mrs. William M. Wills	2.00	
Mr. Albert H. Wilson	10.00	
Mrs. Albert H. Wilson	10.00	
Mr. and Mrs. D. Wright Wilson	2.00	
Mr. and Mrs. Thomas Wistar	10.00	
Mr. and Mrs. Alexander C. Wood, Jr.	2.00	
Mr. and Mrs. Richard R. Wood	2.00	
Dr. Rachel B. Woodford	2.00	
Mr. and Mrs. Edward Woolman	2.00	
Mr. Edwin W. Zerrer	<u>2.00</u>	459.20

Minor Library Donations
 (Through Mr. D. P. Lockwood) 30.22
 Matzke Royalties (From Publisher) 26.10

565.52

FOR SCHOLARSHIPS

Anonymous	1,000.00	
Anonymous	800.00	1,800.00
Philadelphia Schools -- Summer Session ..		100.00
Guggenheim Foundation		400.00
Mr. Max Leuchter		100.00
World Fellowship Foundation for R. & R.		500.00
Student Council of Haverford College		155.75
Mr. L. Szerlig		300.00
Upper Darby Senior High School		<u>100.00</u>
		3,455.75
Forward		4,376.54

Forward		4,376.54	
<u>FOR SALARIES</u>			
From: Alumni Association			1,600.00
<u>FOR CAMPUS CLUB</u>			
From:			
Mr. Albert L. Baily, Jr.	15.00		
Mr. and Mrs. Francis F. Campbell	2.00		
Mr. and Mrs. Legh W. Reid	2.00		
Mr. and Mrs. A. K. Smiley, Jr.	2.00		
Mr. and Mrs. Howard M. Teaf, Jr.	5.00		
Mr. and Mrs. Louis W. Van Meter	<u>5.00</u>	31.00	
<u>FOR CARE OF COPE FIELD</u>			
From: Mr. Alfred G. Scattergood, Trustee			50.00
<u>FOR GENERAL PURPOSES</u>			
From:			
1944 I.N.S. Training Group	30.00		
Miss M. Beard	<u>15.00</u>	45.00	
<u>FOR GOVERNMENT HOUSE</u>			
From: National Foundation for Education			500.00
<u>FOR RADIO CLUB</u>			
Interest Allowed			62.24
<u>TRIANGLE SOCIETY GIFT -- PEW GIFT</u>			
Proceeds of sale of stock donated	9,534.98		
Dividends on stock	<u>84.75</u>	9,619.73	
<u>ALUMNI SUSTAINING FUND</u>			
List of Contributors as follows		<u>42,129.02</u>	
		<u>58,413.53</u>	

CONTRIBUTORS TO THE "ALUMNI FUND"

The Class of 1881

Levi T. Edwards	10.00	
Mrs. Isaac T. Johnson, In Memory of Isaac T. Johnson	5,000.00	
Walter F. Price	5.00	5,015.00
	<hr/>	

The Class of 1882

Edward Randolph	10.00	10.00
	<hr/>	

The Class of 1883

William L. Baily	5.00	
Stephen W. Collins	5.00	
George H. Evans	5.00	
Louis B. Whitney	5.00	20.00
	<hr/>	

The Class of 1884

J. Henry Allen	2.00	
Walter L. Moore	5.00	7.00
	<hr/>	

The Class of 1885

William T. Ferris	25.00	
Marriott C. Morris	25.00	50.00
	<hr/>	

The Class of 1887

Edward F. Chillman	10.00	
Henry H. Goddard	100.00	
Frederic H. Strawbridge	500.00	610.00
	<hr/>	

The Class of 1888

Henry V. Gummere	10.00	
Morris E. Leeds	1,000.00	
G. Brinton Roberts	10.00	1,020.00
	<hr/>	

The Class of 1889

William R. Dunton, Jr.	100.00	
Thomas Evans	100.00	
Warner Fite	10.00	
Franklin B. Kirkbride	10.00	
Lawrence J. Morris	25.00	
Charles M. Shupert	5.00	
J. Stogdell Stokes	100.00	350.00
	<hr/>	

The Class of 1890

Henry P. Baily	50.00	
George T. Butler	10.00	
Guy H. Davies	50.00	
Thomas S. Janney	10.00	
Lewis Jones	25.00	
Johathan M. Steere	100.00	
Robert R. Tatnall	5.00	250.00
	<hr/>	

The Class of 1891

Carey Coale	5.00	5.00
	<hr/>	

The Class of 1892

Benjamin Cadbury	25.00	
Walter M. Hart	10.00	
John W. Muir	10.00	
Gilbert J. Palen	25.00	
	<hr/>	

Forward	70.00	7,337.00
	<hr/>	

Forward		7,337.00
<u>The Class of 1892 (continued)</u>		
Forward	70.00	
W. Nelson L. West	200.00	
Stanley R. Yarnall	<u>50.00</u>	320.00
<u>The Class of 1893</u>		
Leslie A. Bailey	25.00	
Walter W. Haviland	10.00	
Clarence G. Hoag	25.00	
Arthur V. Morton	1,520.63	
John M. Okie	25.00	
Charles J. Rhoads	100.00	
Barton Sensenig	10.00	
Edward Woolman	500.00	
Gifford K. Wright	<u>25.00</u>	2,240.63
<u>The Class of 1894</u>		
J. Henry Bartlett	10.00	
Alfred Busselle	10.00	
William W. Comfort	15.00	
Henry S. Conard	25.00	
Clifford B. Farr	5.00	
Kane S. Green	25.00	
Anson B. Harvey	3.00	
Martin N. Miller	5.00	
Edward E. Quimby	10.00	
Frederick P. Ristine	100.00	
Jonathan T. Rorer	5.00	
Francis J. Stokes	<u>250.00</u>	463.00
<u>The Class of 1895</u>		
Samuel H. Brown	2.00	
Frank H. Conklin	25.00	
Allen C. Thomas	<u>50.00</u>	77.00
<u>The Class of 1896</u>		
William H. Bettie	10.00	
Thomas H. Haines	10.00	
John A. Lester	5.00	
J. Henry Scattergood	250.00	
L. Hollingsworth Wood	<u>5.00</u>	280.00
<u>The Class of 1897</u>		
Roswell C. McCrea	25.00	
William G. Rhoads	<u>10.00</u>	35.00
<u>The Class of 1898</u>		
William W. Cadbury	5.00	
C. Herbert Bell	10.00	
Mrs. Walter C. Janney, In Memory of Walter C. Janney	25.00	
Morris M. Lee	10.00	
F. Sims McGrath	25.00	
Alfred G. Scattergood	100.00	
Francis R. Strawbridge	100.00	
Robert N. Wilson	10.00	
Thomas Wistar	75.00	
Richard D. Wood	<u>10.00</u>	370.00
Forward		11,122.63

Forward		11,122.63
<u>The Class of 1899</u>		
William A. Battey	100.00	
John D. Carter	10.00	
Arthur Haines	15.00	
Joseph Paul Morris	15.00	
Elisha R. Richie	10.00	
Frank K. Walter	5.00	
A. Clement Wild	<u>100.00</u>	255.00
<u>The Class of 1900</u>		
William W. Allen, Jr.	25.00	
William B. Bell	250.00	
Henry S. Drinker, Jr.	100.00	
Christian Febiger	100.00	
Henry M. Hallett	10.00	
Walter S. Hinchman	25.00	
Furman S. Howson	25.00	
Samuel Wright Mifflin	10.00	
Frederic C. Sharpless	100.00	
Abram G. Tatnall	<u>8.00</u>	653.00
<u>The Class of 1901</u>		
Ellis Y. Brown	100.00	
William E. Cadbury	20.00	
Lovett Dewees	25.00	
William H. Kirkbride	10.00	
Herbert S. Langfeld	10.00	
W. La Coste Neilson	<u>5.00</u>	170.00
<u>The Class of 1902</u>		
Edgar H. Boles	200.00	
Edward W. Evans	100.00	
William C. Longstreth	10.00	
Gurney E. Newlin	10.00	
William P. Philips	3,750.00	
Robert J. Ross	50.00	
John L. Stone	100.00	
Edgar E. Trout	10.00	
Alexander C. Wood, Jr.	<u>100.00</u>	4,330.00
<u>The Class of 1903</u>		
Clarence R. Cornman	25.00	
Archer G. Dean	10.00	
Harry A. Dominovich	25.00	
James B. Drinker	20.00	
U. Mercur Eshleman	10.00	
John E. Hollingsworth	5.00	
Arthur J. Phillips	25.00	
Robert L. Simkin	300.00	
I. Sheldon Tilney	25.00	
Howard M. Trueblood	<u>10.00</u>	455.00
<u>The Class of 1904</u>		
Edwin J. Bevan	5.00	
Joseph W. Clark	20.00	
Arthur Crowell	100.00	
Philip D. Folwell	100.00	
Chester R. Haig	<u>100.00</u>	
Forward	325.00	16,985.63

Forward

16,985.63

The Class of 1904 (continued)

Forward	325.00	
C. Christopher Morris	500.00	
Harold H. Morris	25.00	
Charles R. Owen	25.00	
Edgar T. Snipes	7.50	
James M. Stokes, Jr.	25.00	
John R. Thomas	10.00	
Bert C. Wells	5.00	
William M. Wills	50.00	
Samuel C. Withers	10.00	982.50

The Class of 1905

Maurice J. Babb	15.00	
Thomas M. Bales	5.00	
Charles S. Bushnell	25.00	
Henry Cox	5.00	
Benjamin Eshleman	50.00	
Arthur H. Hopkins	25.00	
Paul Jones	100.00	
Charles S. Lee	25.00	
Joseph H. Morris	10.00	
Effingham Murray	10.00	
E. Converse Peirce	25.00	
Glyndon Priestman	10.00	
Elias Ritts	100.00	
Leslie B. Seely	20.00	
Sigmund Spaeth	10.00	
Herman K. Stein	50.00	
Edwards F. Winslow	5.00	490.00

The Class of 1906

Edmund F. Bainbridge	10.00	
Thomas Crowell	25.00	
Gordon H. Graves	6.00	
Albert W. Hemphill	20.00	
H. Boardman Hopper	25.00	
James Monroe	50.00	
Henry Pleasants	100.00	
Roderick Scott	10.00	
Albert K. Smiley	75.00	
John A. Stratton	10.00	
Francis R. Taylor	150.00	
Joseph J. Tunney	50.00	
Walter A. Young	5.00	536.00

The Class of 1907

Joseph C. Birdsall	5,000.00	
George B. Comfort	5.00	
Harold Evans	250.00	
Samuel J. Gummere	15.00	
Ernest F. Jones	2.00	
James P. Magill	500.00	
Edward C. Tatnall	25.00	
Emmett R. Tatnall	10.00	
Alexander N. Warner	25.00	5,832.00

Forward

24,826.13

Forward.....

24,826.13

The Class of 1908

Carroll T. Brown.....	5.00	
Howard Burt.....	15.00	
Dudley D. Carroll.....	5.00	
J. Browning Clement, Jr.....	10.00	
Edward A. Edwards.....	25.00	
George W. Emlen, Jr.....	25.00	
Morris A. Linton.....	25.00	
T. Morris Longstreth.....	5.00	
Charles L. Miller.....	50.00	
W. Haviland Morriss.....	25.00	
Winthrop Sargent.....	10.00	
George K. Strode.....	10.00	210.00

The Class of 1909

Gerald H. Deacon.....	20.00	
Percival B. Fay.....	10.00	
William S. Febiger.....	100.00	
Allan J. Hill.....	500.00	
Paul V. R. Miller.....	100.00	
Frank M. Ramsey.....	15.00	
Walter C. Sandt.....	25.00	
Mark H. C. Spiers.....	5.00	
J. Warrington Stokes.....	10.00	785.00

The Class of 1910

E. Page Allinson.....	50.00	
Earlham Bryant.....	10.00	
Edward W. David.....	25.00	
George A. Kerbaugh.....	250.00	
Christopher Morley.....	50.00	
Reginald H. Morris.....	25.00	
Walter Palmer.....	20.00	
Samuel A. Rabinowitz.....	5.00	
Charles S. Ristine.....	100.00	535.00

The Class of 1911

John S. Bradway.....	10.00	
Philip B. Deane.....	100.00	
R. Walter Dent.....	10.00	
William D. Hartshorne, Jr.....	5.00	
David S. Hinshaw.....	25.00	
William L. Kleinz.....	10.00	
L. Arnold Post.....	25.00	
D. Duer Reynolds.....	100.00	
Lucius R. Shero.....	15.00	
Gibson Smith.....	100.00	
J. Walter Tebbetts.....	10.00	
Caleb Winslow.....	5.00	
Alan S. Young.....	5.00	420.00

The Class of 1912

Albert L. Baily, Jr.....	15.00	
Robert E. Miller.....	25.00	
Sidney S. Morris.....	20.00	
Irwin C. Poley.....	10.00	
Leonard C. Ritts.....	25.00	95.00

Forward.....

26,871.13

Forward 26,871.13

The Class of 1913

Joseph M. Beatty, Jr.	5.00	
William S. Crowder	25.00	
Charles G. Darlington	10.00	
Norris F. Hall	4.00	
Charles E. Hires, Jr.	100.00	
Elisha T. Kirk	10.00	
Stephen W. Meader	50.00	
Oliver M. Porter	10.00	
John V. Van Sickle	10.00	
William Webb	5.00	
Georges M. Weber	25.00	
Donald Wilder	5.00	
Edwards F. Winslow	5.00	264.00

The Class of 1914

Carroll D. Champlin	10.00	
George V. Downing	10.00	
Alfred W. Elkinton	25.00	
Howard W. Elkinton	50.00	
Thomas W. Elkinton	500.00	
John K. Garrigues	50.00	
Edward M. Jones, Jr.	10.00	
Robert A. Locke	100.00	
Baxter K. Richardson	10.00	
S. Emlen Stokes	250.00	
Thomas Tomlinson	10.00	
Charles K. Trueblood	10.00	1,035.00

The Class of 1915

G. Cheston Carey	100.00	
Emmett R. Dunn	10.00	
Cyrus Falconer	10.00	
John W. Gummere	9.00	
Harold W. Helveston	100.00	
Felix Morley	50.00	
Elmer L. Shaffer	10.00	
C. Brinkley Turner	5.00	
Walter E. Vail	25.00	
Donald B. Van Hollen	5.00	324.00

The Class of 1916

Frederick C. Buffum	100.00	
James Carey, 3rd	25.00	
Frank W. Cary	50.00	
Joseph A. Cooper	10.00	
Bolton L. Corson	50.00	
George A. Dunlap	10.00	
Albert G. Garrigues	10.00	
William T. Hannum	10.00	
Raymond C. Kendig	10.00	
William T. Kirk 3rd	25.00	
Clinton P. Knight, Jr.	1,000.00	
Philip L. Leidy	100.00	
J. Sidney Marine	10.00	
William L. Martwick	25.00	
Ulric J. Mengert	10.00	
I. Thomas Steere	35.00	
Joseph Stokes, Jr.	30.00	1,510.00

Forward 30,004.13

Forward

30,004.13

The Class of 1917

William Henry Chamberlin	10.00	
Donald Chandler	50.00	
Loring Dam	10.00	
Joseph W. Greene, Jr.	25.00	
Albert W. Hall	50.00	
H. Lawrence Jones	10.00	
M. Alexander Laverty	15.00	
Gilbert H. Moore	100.00	
Edmund T. Price	100.00	
E. Roland Snader, Jr.	25.00	
John W. Spaeth, Jr.	15.00	
Arthur E. Spellissy	<u>50.00</u>	460.00

The Class of 1918

Harrison H. Arnold	5.00	
Bennett S. Cooper	15.00	
Robert H. Dann	5.00	
Neil Gilmour	10.00	
Charles-Francis Long	15.00	
Herbert J. Painter	25.00	
Edward A. G. Porter	10.00	
Joseph W. Sharp, 3rd	5.00	
John W. Thacher	200.00	
Alfred J. Townsend	<u>5.00</u>	295.00

The Class of 1919

William J. Brockelbank	1.00	
Edgar B. Graves	10.00	
Thomas Mc Connell, III	50.00	
Frank V. Morley	<u>100.00</u>	161.00

The Class of 1920

Robert W. Burritt	125.00	
Benjamin Collins, Jr.	10.00	
Edwin O. Geckeler	25.00	
Pierson P. Harris	5.00	
Horace P. Hill	250.00	
Milton A. Kamsler	35.00	
Norman F. Milne	15.00	
Thomas E. Morris	50.00	
Francis S. Silver	100.00	
Horace F. Spencer	50.00	
Granville E. Toogood	150.00	
Charles W. Ufford	10.00	
Richard R. Wood	<u>25.00</u>	850.00

The Class of 1921

Edmund G. Hauff	10.00	
John R. Hoopes	40.00	
J. Barclay Jones	10.00	
Archibald MacIntosh	10.00	
William F. Mengert	37.00 *	
Raymond T. Ohl	25.00	
M. Huyett Sangree	10.00	
Benjamin B. Weatherby	25.00	
Robert N. Wood	<u>50.00</u>	217.00

Forward

31,987.13

The Class of 1922

Charles D. Abbott, Jr.	10.00	
Andrew Brown	25.00	
Paul C. Crowther	10.00	
Henry S. Fraser	25.00	
John F. Gummere	10.00	
George A. Hilleman	50.00	
Robert R. Matzke	5.00	
Frederick S. Miller	10.00	
Elliston P. Morris	10.00	
Harry W. Pfund	50.00	
William L. Rhoads, Jr.	5.00	
Richard M. Sutton	20.00	
Edward A. Taylor	5.00	
Kenneth B. Walton	100.00	
J. Colvin Wright	25.00	
Edwin W. Zerrer	10.00	370.00

The Class of 1923

H. Tatnall Brown, Jr.	5.00	
Hal G. Farrar	25.00	
Gilbert C. Frey	100.00	
Edward K. Haviland	10.00	
C. Dixon Heyer	20.00	
Rees S. Himes	5.00	
Garrett S. Hoag	25.00	
William C. Hunsicker, Jr.	10.00	
Wilmot R. Jones	25.00	
S. Brooks Knowlton	5.00	
Thomas Parke	25.00	
John B. Stevenson	5.00	
Gordon W. Strawbridge	10.00	
C. Bevan Strayer	3.00	
Wayne M. Wagenseller	10.00	
Charles Warner, Jr.	100.00	383.00

The Class of 1924

Charles F. Bader, Jr.	11.00	
Courtland B. Brinton	15.00	
J. Stanton Carson	50.00	
Howard Comfort	20.00	
Thomas S. Ellis	10.00	
Harold D. Greenwell	25.00	
Stanley B. Hastings	5.00	
Wesley M. Heilman	50.00	
Philip G. Rhoads	100.00	
Edward P. Van Tine	25.00	
W. Nelson West, 3rd	25.00	336.00

The Class of 1925

Eric G. Ball	10.00	
Francis C. Barton, Jr.	10.00	
Geoffrey Billo	18.50 *	
Leigh E. Chadwick	5.00	
John S. C. Harvey, Jr.	25.00	
Henry F. House	10.00	
Jesse T. Nicholson	25.00	
Owen B. Rhoads	200.00	
John A. Silver	200.00	
Louis E. Taubel	5.00	
Austin Wright	7.50	516.00

Forward

33,592.13

The Class of 1926

John B. Calkin	10.00	
Francis F. Campbell	10.00	
Alexander R. Carman, Jr.	25.00	
Henry C. Evans	10.00	
Charles H. Green	74.00 *	
Siddons Harper, Jr.	10.00	
Robert L. Hatcher	5.00	
Harris G. Haviland	15.00	
I. Lloyd Hibberd	10.00	
Benjamin H. Lowry	10.00	
Willard E. Mead	50.00	
Edward S. Wood, Jr.	25.00	254.00

The Class of 1927

Herman E. Compter	5.00	
Daniel M. Coxe	5.00	
Allan B. Fay	25.00	
Albert V. Fowler	15.00	
William S. Halstead	10.00	
John L. Heller	5.00	
John C. Lober	20.00	
Paul W. Ohl	20.00	
Ira B. Rutherford	20.00	
S. Stansfeld Sargent	5.00	
Watson Scarborough	2.00	
Wallace B. Totten	10.00	142.00

The Class of 1928

Carl F. Berlinger	25.00	
Fred M. Burgess	5.00	
John T. Evans	5.00	
John O. Fitzsimmons	10.00	
Nelson J. Hogenauer	5.00	
Allen F. Horton	25.00	
John A. H. Keith	50.00	
J. McLain King	7.50	
Henry S. Murphey	5.00	
Ingram H. Richardson	30.00	
Charles A. Robinson	25.00	
Robert L. Shank	25.00	
Franklin W. Smith	10.00	
Ellsworth B. Stevens	10.00	
Charles M. Tatum	10.00	
Allen C. Thomas, Jr.	10.00	
Theo Vanneman	100.00	
Theodore Whittelsey, Jr.	5.00	
Richard Wistar	10.00	
John W. Woll	10.00	382.50

The Class of 1929

Theodore E. Baker	25.00	
Samuel T. Brinton	10.00	
John R. Cooper	25.00	
Herbert K. Ensworth	5.00	
George S. Garrett	15.00	
John G. Hartman	5.00	
Davis D. Lewis	7.50	

Forward

92.50 34,370.63

Forward

34,370.63

The Class of 1929 (continued)

Forward	92.50	
Alfred Mellor, 2nd	10.00	
Ralph L. Miller	10.00	
Robert C. Sullivan	5.00	
Daniel D. Test, Jr.	2.00	
F. Howell Wright	<u>10.00</u>	129.50

The Class of 1930

B. Franklin Blair	10.00	
Arthur H. Brinton	5.00	
Donald R. Buxton	10.00	
W. Clark Hanna	5.00	
John D. Hymes	10.00	
Frank W. Lindsay	3.00	
Brewster Morris	15.00	
J. Howard Morris, Jr.	25.00	
Edward Rosewater	20.00	
Harlow B. Rowell	10.00	
Thomas Wistar, Jr.	<u>12.00</u>	125.00

The Class of 1931

Richard Baker	10.00	
Thomas Burns	10.00	
Alfred R. Crawford	5.00	
George B. Edgar	10.00	
Donald L. Gibson	5.00	
Thomas B. Harvey	25.00	
James M. Houston	25.00	
William M. Maier	25.00	
Harris Shane	10.00	
Edwin A. Speakman	10.00	
Walter M. Teller	100.00	
John H. Wills	20.00	
Evan M. Wilson	<u>50.00</u>	305.00

The Class of 1932

Carl B. Allendoerfer	5.00	
Walter C. Baker	25.00	
Ryde W. Ballard	10.00	
Wilson Bennett	5.00	
Richard D. Browne	10.00	
James W. Burger	3.00	
Walter I. Dothard, Jr.	20.00	
Harry Fields	25.00	
C. Robert Haines	10.00	
Arthur S. Roberts	25.00	
Harold Schramm	100.00	
Wallace M. Scudder	50.00	
John W. Settle, Jr.	10.00	
William V. Sipple, Jr.	5.00	
Albert K. Smiley	10.00	
Charles S. Strickler	10.00	
A. Craig Succop	<u>10.00</u>	333.00

The Class of 1933

Horace K. Dugdale	100.00	
Henry B. Gilbert	<u>2.00</u>	

Forward 102.00 35,263.13

Forward

35,263.13

The Class of 1933 (continued)

Forward	102.00	
Stephens T. Gulbrandsen	5.74	
Patrick H. Hodgkin	10.00	
R. Wilfred Kelsey	10.00	
John W. Masland	10.00	
John Monsarrat	10.00	
Edward A. Moos	10.00	
Hugh B. Pickard	15.00	
John R. Sargent	10.00	
Henry Scattergood	10.00	
Howard D. Sordon, Jr.	5.00	
Robert C. Thomson, Jr.	10.00	
Henry J. Vaux	2.00	209.74

The Class of 1934

Robert C. Atmore	10.00	
Fritz K. Downey	5.00	
Louis W. Flaccus, Jr.	10.00	
J. Morton Fultz, Jr.	5.00	
Leonard L. Greif, Jr.	100.00	
Ellwood M. Hammaker	5.00	
John O. Hancock	2.00	
R. Bruce Jones	3.00	
J. Douglas Lockard	5.00	
Benjamin S. Loewenstein	20.00	
David G. Loomis	30.00	
William F. Maxfield	10.00	
Malcolm D. McFarland	5.00	
Robert W. McKee	5.00	
Richard R. Pleasants, Jr.	10.00	
Frank T. Siebert, Jr.	10.00	
Arthur G. Singer, Jr.	10.00	
Bruce D. Smith	5.00	
William W. Smith	25.00	
H. Miles Snyder	25.00	
Matt W. Stanley	10.00	
John C. Wilson	5.00	315.00

The Class of 1935

William L. Azpell Jr.	10.00	
David H. Bates	10.00	
William R. Bowden	10.00	
Meredith B. Colket, Jr.	7.00	
William H. Herman, Jr.	15.00	
E. Charles Kunkel, Jr.	10.00	
Edward J. Matlack	10.00	
V. Putnam Morgan	5.00	
John B. Rhoads	100.00	
Graham Rohrer	25.00	
Frederic N. Rolf	10.00	
Rowland G. Skinner	15.00	
Philip P. Steptoe	15.00	
William S. Stoddard	5.00	
Francis Joseph Stokes, Jr.	20.00	
Robert P. Wills	10.00	
Alexander C. Wood, III	20.00	297.00

Forward

36,084.87

The Class of 1936

Robert W. Baird, Jr.	50.00	
Henry C. Beck.	5.00	
Jonathan A. Brown	10.00	
William R. Brown, 3rd	5.00	
Daniel F. Coogan, Jr.	5.00	
Ben T. Cowles.	9.00	
Arthur S. Dulaney, Jr.	25.00	
Francis C. Evans.	20.00	
Milton F. Glessner.	25.00	
Samuel Kind	4.00	
William H. Loesche, Jr.	2.00	
William A. Macan, III	10.00	
David P. McCune	25.00	
Park H. Miller, Jr.	5.00	
John L. Parker	2.00	
James W. Pearce, Jr.	5.00	
William E. Sheppard, II	5.00	
Joseph H. Taylor.	2.00	
George Thomas, Jr.	5.00	
Henry L. Tomkinson.	5.00	
John Van Brunt	5.00	
Robert B. Wolf	25.00	
Harry M. Zuckert, In Memory of Robert Martin Zuckert.	<u>100.00</u>	354.00

The Class of 1937

John A. Cantrell.	5.00	
Hans B. Engleman	10.00	
Roger L. Greif	100.00	
Bernard M. Hollander.	5.00	
Robert H. Kriebel	10.00	
Edgar M. Rector	<u>25.00</u>	155.00

The Class of 1938

Thomas A. Benham	50.00	
Robert M. Bird, Jr.	15.00	
Richard S. Bowman	20.00	
R. Franklin Brattan	50.00	
Donald S. Childs, Jr.	15.00	
William H. Clark, Jr.	10.00	
William S. Currie, Jr.	10.00	
Aubrey C. Dickson, Jr.	20.00	
William Duff	10.00	
Charles R. Ebersol	25.00	
Roderick Firth	5.00	
S. Knox Harper	5.00	
George L. Hartenstein	5.00	
Louis B. Kohn, II	25.00	
William H. Luden, Jr.	5.00	
George Mathues.	2.00	
Elliott H. Morse	5.00	
L. Folsom Norsworthy	50.00	
Lindley B. Reagan	2.00	
Leslie B. Schramm	50.00	
Philip R. Shank	25.00	
Thomas Cooper Tatman	50.00	
Hubert R. Taylor	5.00	
Louis James Velte, Jr.	10.00	
William M. Webb	20.00	
E. Hambleton Welbourn	20.00	
Lawrence G. Wesson, Jr.	<u>6.00</u>	515.00

Forward

37,108.87

The Class of 1939

William S. Bonham	10.00	
George D. Bown	10.00	
James H. Bready	2.00	
Nathaniel H. Evans	10.00	
Robert Herr	25.00	
John J. Jaquette	5.00	
William W. McCune	25.00	
O. Naylor Rambo, Jr.	10.00	
F. Peter Rohrmayer	5.00	
Craig M. Sharpe	5.00	
Laird H. Simons, Jr.	100.00	
Robert E. Spaulding	20.00	
Gilbert P. Talbot	5.00	
D. Norton Williams	25.00	257.00

The Class of 1940

Bruce D. Anderton	10.00	
Henry P. Ballivet, Jr.	25.00	
David P. Flaccus	10.00	
Robert H. Goepp	5.00	
John E. Gross	10.00	
Hanford M. Henderson, Jr.	5.00	
John T. Hoffman	5.00	
Robert J. Hunn	25.00	
John M. Lindley, Jr.	5.00	
Elliott Mason	10.00	
Hayden Mason	25.00	
Samuel G. M. Maule	15.00	
William F. McDevit	50.00	
Charles K. Peters	10.00	
Thomas M. Taft	50.00	
James A. Vincent	5.00	265.00

The Class of 1941

Edward P. Allinson, Jr.	5.00	
Stephen B. Andrus	5.00	
David B. Arnold	12.00	
Robert P. Arthur	100.00	
Arthur G. Ashbrook	5.00	
H. Richard Blackwell	7.50	
Torrence H. Chambers	10.00	
John B. Clark	5.00	
Herbert Lee Clement	10.00	
Hunt Davis	5.00	
John W. Dorsey	4.00	
Edward L. Engelhardt	25.00	
Louis J. Finger	25.00	
J. David Garmey	5.00	
R. Bruce Harley	5.00	
Geoffrey Hemphill	5.00	
John B. Hibbard	25.00	
H. Kelman Holmes	15.00	
Andrew F. Inglis	2.00	
Benton D. King	15.00	
Shiu Keung Lee	3.00	
William A. Liddell, Jr.	15.00	
Thomas Little	5.00	

Forward

313.50 37,630.87

Forward

37,630.87

The Class of 1941 (continued)

Forward	313.50	
William K. Miller	10.00	
George L. Mosse	10.00	
Samuel M. Murphy, Jr.	10.00	
Wilson Hunt Pile	2.00	
Paul C. Rowland	5.00	
Malcolm K. Smith	20.00	
Robert H. Smith	25.00	
Samuel M. Snipes	1.00	
William W. Stainton	10.00	
G. Ralph Strohl, Jr.	10.00	
Roy S. Vogt	80.00	
John L. Webb	5.00	
James M. Willis	25.00	
Kenneth A. Wright	75.00	
Howard E. Ziegler, Jr.	10.00	611.50

The Class of 1942

James Neal Addoms	5.00	
Warren D. Anderson	2.00	
B. Burns Brodhead	5.00	
Norman S. Brous	25.00	
Knox Brown	5.00	
John A. Clark	25.00	
Edgar R. Emery	5.00	
John D. Farquhar	5.00	
John J. Frazier	10.00	
John A. Fust	5.00	
James F. Gary	25.00	
Heber R. Harper	18.50 *	
Gordon Howe	10.00	
Linwood T. Lawrence	25.00	
James P. Magill, In Memory of James P. Magill, II	500.00	
Malcolm H. McGann, Jr.	20.00	
Robert E. Miller, Jr.	5.00	
Clyde K. Nichols, Jr.	5.00	
Charles A. Olson, Jr.	18.50 *	
G. M. Courts Oulahan	5.00	
Thor N. Rhodin, Jr.	5.00	
Lewis Paul Saxer	10.00	
Franklin P. Sweetser	50.00	
W. Scott Worrall	5.00	794.00

The Class of 1943

Eugene E. Anderson, Jr.	30.00	
Arthur H. Bell	5.00	
Tristram P. Coffin	10.00	
Sumner W. Ferris	25.00	
James B. Gilbert	10.00	
Douglas R. Hallett	35.00	
David B. Kirk	10.00	
H. Mather Lippincott, Jr.	5.00	
Ellis F. Little	10.00	
Robert MacCrate	50.00	
John C. Marsh	5.00	
Avrel Mason	25.00	
John H. Meader	10.00	

Forward 230.00 39,036.37

Forward.....

39,036.37

The Class of 1943 (continued)

Forward.....	230.00	
George F. Morse.....	50.00	
Sterling Newell, Jr.....	25.00	
Frank K. Otto.....	30.00	
Alan S. Rogers.....	10.00	
William F. Shihadeh.....	18.50*	
John G. Shinn.....	10.00	
John W. Thacher, Jr.....	5.00	
Alexander C. Tomlinson, Jr.....	50.00	
John C. Whitehead.....	50.00	
Carl E. Widney.....	75.00	
John B. Wilkie.....	5.00	558.50

The Class of 1944

C. Webster Abbott of J.....	25.00	
Charles Seymour Alden.....	50.00	
Donald W. Baird.....	40.00	
Jodie D. Crabtree, Jr.....	10.00	
Henry R. Eager.....	25.00	
Charles Edwin Fox, Jr.....	25.00	
Manuel J. Gomez.....	5.00	
James C. Haden.....	5.00	
Walter Hollander, Jr.....	10.00	
William McC. Houston.....	10.00	
Edward B. Irving, Jr.....	50.00	
John S. Klein.....%	5.00	
Arnold R. Post.....	50.00	
H. Royer Smith, Jr.....	20.00	
Samuel E. Stokes, Jr.....	100.00	
Spencer R. Stuart.....	25.00	
H. Craig Sutton, Jr.....	50.00	
Harvey Wigfield.....	10.00	515.00

The Class of 1945

Crede C. Calhoun.....	5.00	
Richard W. Cole.....	30.00	
Francis E. Fairman, 3rd.....	10.00	
Henry H. Fetterman.....	5.00	
Samuel M. Fox, III.....	5.00	
David Y. Y. Hsia.....	5.00	
Vernon M. Root.....	15.00	
James B. Wright.....	5.00	
Mr. & Mrs. Mark L. Wright, In Memory of Mark L. Wright Jr.....	30.00	110.00

Special Bequests

Class of 1925.....	420.65	
Founders Club.....	200.00	
Haverford Society of Maryland.....	25.00	
Haverford Society of New England.....	26.00	
Pittsburgh Alumni Association of Haverford College.....	14.00	
Haverford Society of Washington.....	30.00	
Thomas O. Jones.....	25.00	
Mrs. Marguerite Crespi Marsh.....	50.00	
Mrs. Lydia C. Sharpless.....	200.00	
Edmund H. Stinnes.....	900.00	
Anonymous.....	18.50*	1,909.15

Total..... \$42,129.02

*War Bond

REPORT OF
HAVERFORD COLLEGE LOAN FUND

Established 1926

Report No. 19

August 31, 1945

Current Year 1944-45

Cash Balance on hand, August 31, 1944	\$ 9,373.36
18 Loans repaid during year	3,180.00
33 part payments on loans during year	1,731.57
Interest received during year	757.69
From Montgomery Merryman, '33 - Interest previously charged off.	50.00
From R. Hill, '45 - Overpayment	.02
	15,092.64
4 Loans made during year	\$ 665.00
Repayment to The Corporation of Haverford College.	4,000.00
	4,665.00
Cash Balance on hand August 31, 1945	10,427.64
Loans outstanding August 31, 1945 (Exhibit 7)	12,695.33
Interest outstanding August 31, 1945 (Exhibit 7)	481.03
Balance in Merion Title & Trust Co.	630.88
	\$24,234.88

Total Resources August 31, 1945

Total to August 31, 1945

Appropriations from Jacob P. Jones Endowment Fund	20,812.04
1st Donation from Class of 1911	641.30
2nd Donation from Class of 1911	137.90
3rd Donation from Class of 1911	28.85
Donation from Class of 1929	350.27
Donation from A. R. Katz	500.00
Donation from Class of 1927.	900.00
Donation from Class of 1908.	1,507.96
Gift from C. C. Norris	50.00
Gift from John Charles	300.00
Gift, Anonymous	500.00
Gift, Anonymous	2,000.00
Gift, Haverford Society of Maryland.	100.00
Gift, Dr. H. S. Arthur	300.00
Adjustment on August 31, 1944	2.82
308 loans repaid.	45,018.43
421 payments on loans.	17,030.52
Interest paid up	12,913.87
Payments from Merion Title & Trust Co. - 2/28/33	\$ 42.06
1/4/38.	84.12
12/31/40.	42.06
7/22/43.	42.06
	210.30
From Montgomery Merryman, '33 - Interest on account, previously charged off.	50.00
From R. Hill, '45 - Overpayment	.02
	103,354.28

Repayments to The Corporation of Haverford College	\$15,000.00
Repayments of Donations.	1,708.05
Original Funds in Merion Title & Trust Co.	841.18
Check Tax	1.66
Loans Made.	75,375.75
	92,926.64
Cash Balance August 31, 1945.	10,427.64
Outstanding interest to August 31, 1945	481.03
Outstanding loans to August 31, 1945	12,695.33
Balance of Merion Title & Trust Co.	630.88
	\$24,234.88

Total Resources August 31, 1945

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

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, \$93,753.86. 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. Present book value, \$34,689.85. 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.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,252.18. 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, \$43,173.04. 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, \$10,950.03. 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. Present book value, \$4,956.69. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,388.86. The income only is to be 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, \$1,253,930.25. 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, \$265,841.10. 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, \$10,711.80. 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. Present book value, \$20,710.06. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., 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. Present book value, \$5,134.16.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$40,849.10. 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 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,671.42. 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." Present book value, \$9,160.24.

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, and \$175.00. under his legacy. Present book value, \$43,184.70. 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, \$1,445.31. 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, \$38,074.84. 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, \$168,196.24. 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, \$25,795.00. 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. Present book value, \$23,492.69. The income only is to be used toward the payment of professors' salaries.

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, \$120,991.54.

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, \$210,754.11.

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, \$121,480.36.

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. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

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. A return at 4% interest is to be credited to income to the College and the balance of net income is to be applied in a building fund for the annual reduction of the investment, and/or to a depreciation reserve fund to cover extraordinary repairs.

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, \$98,346.29.

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, \$13,610.80.

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. Present book value, \$77,093.02. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,635.43.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 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 income only is to be used, and for general purposes. Present book value, \$4,844.02.

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, \$48,165.07.

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, make a total of \$108,253.10. There are some participations in real estate not yet liquidated, which will increase or decrease this fund. The income is used for general purposes, with a usual allotment of \$300 for Quaker books. Present book value, \$103,186.24.

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, \$4,817.71.

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, \$4,769.54.

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, \$270,528.30.

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. Present book value, \$963.54.

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, \$2,408.86.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes, the income only to be used. Present book value, \$39,428.52. This fund is subject to an annuity of \$1600, during the life of its donor.

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.

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. Present book value, \$1,979.41.

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, \$344,521.04. 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. Present book value, \$9,301.50. The income is used toward the expenses of the Morris Infirmary.

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. Present book value, \$4,875.05. 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.

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift 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, \$1,810.33.

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, \$5,066.13. 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, \$5,847.96. 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, \$19,094.90. 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. Present book value, \$4,871.92. The income only to be used to sustain the "Richard T. Jones Scholarship."

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. Present book value, \$6,757.92. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

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. Present book value, \$7,631.02. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,012.96. 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.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present

book value, \$8,260.53. 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, Caspar 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, \$2,843.61.

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, \$4,967.88.

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."

Present book value, \$4,817.71.

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, \$4,861.65.

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; and \$1,000 in 1944; 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 scholarships 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, \$16,813.65.

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, \$4,834.39.

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 \$2,890.62.

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, \$21,822.15.

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. 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, 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. Contributions of \$500 were made in 1944-1945. Present book value, \$3,514.85.

DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943 by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass. This will be increased 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 1944-1945. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45.

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. Present book value, \$14,078.73.

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, \$16,799.42. 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, \$65,324.99. 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." Present book value, \$4,817.71. 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 appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

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. Present book value, \$19,566.40. 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, \$167,265.06. 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 present 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 \$635.47, 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 also 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, \$612.30.

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, \$965.80.

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. In 1939-1940, additional donation of \$500; \$100 in 1943-1944; and \$500 in 1944-1945 were made. The present book value is \$6,141.02.

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, \$1,207.83.

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, \$39,733.67. 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, \$35,418.53. 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, \$65,630.50. 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. Present book value, \$3,152.93. 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.

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, \$107,955.98. 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, \$5,056.68. 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. Present book value, \$1,085.68. 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.

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 \$2,189.40.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$8,890.67. 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."

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, \$2,213.14. 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, \$1,680.48. 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. Present book value, \$2,454.02. 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.

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. Present book value, \$4,933.63. 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.

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 \$2,314.33. 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.

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, \$2,076.43.

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. Present book value, \$1,346.79. 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.

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, \$2,312.51. 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. Present book value, \$4,420.49.

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, \$1,927.09.

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.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn 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, \$963.54.

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 \$3,699.55.

JACOB AND EUGENIE 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 God¹; 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.²

"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." Present book value, \$2,201.86.

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, \$1,093.29.

WILLIAM T. ELKINTON FUND

(This fund is new this year)

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

(This fund is new this year)

Founded in First Month, 1945, by gifts totalling \$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.

CLASS OF 1902 LATIN PRIZE FUND

(This fund is new this year)

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.

STATED MEETINGS OF THE CORPORATION
AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth Month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1944-45 will be held on the second Sixth-day of First and Third Months, and on the third Sixth-day of Fifth, Ninth and Eleventh months.

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.

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.

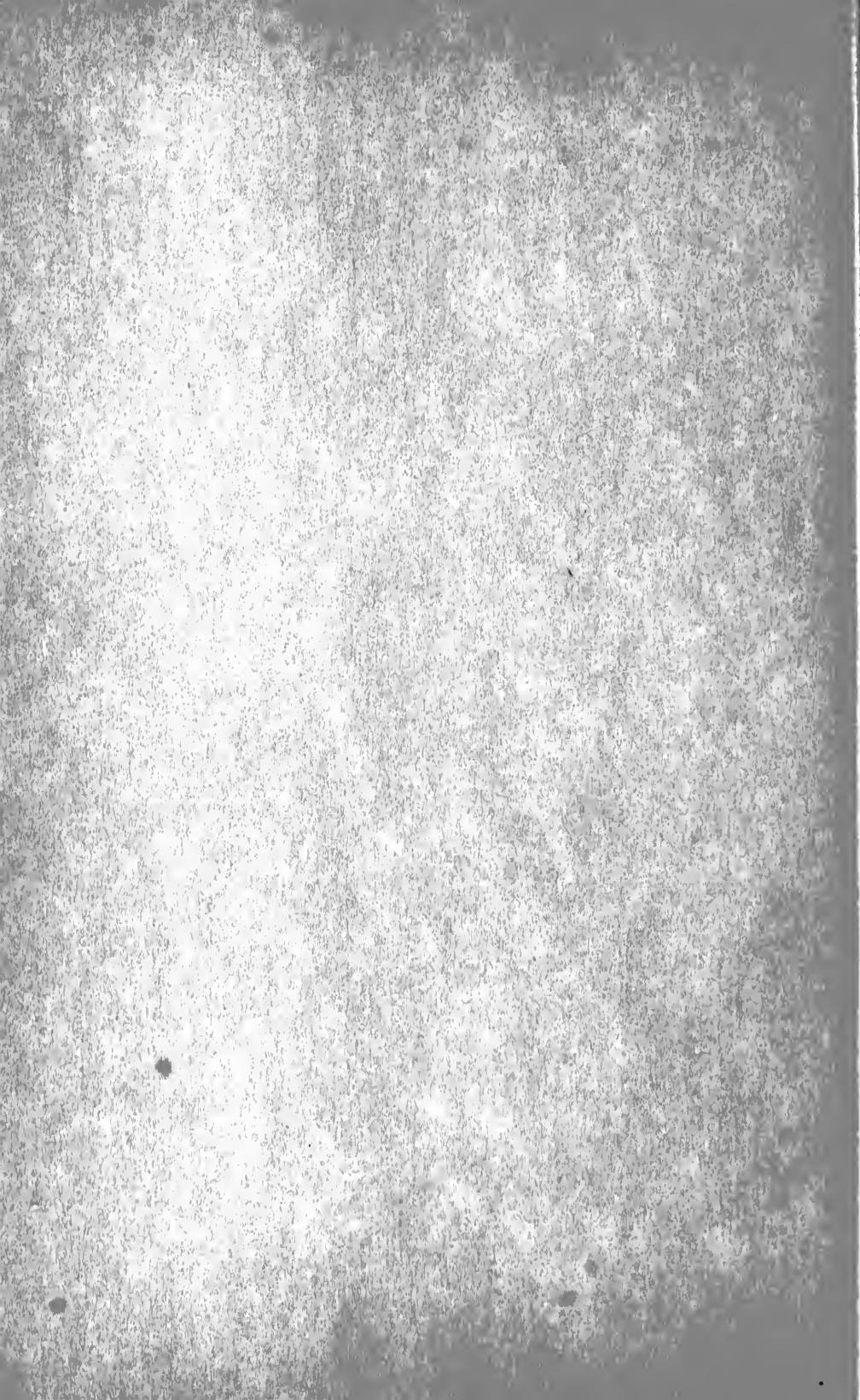
FORM OF DEVISE OF REAL ESTATE

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 estate: (Here describe the real estate.)









HVERFORD COLLEGE BULLETIN



1945 • 1946
CATALOG ISSUE

VOLUME XLIV

NUMBER THREE

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1945

Issued October, November, December, and February

BY HAVERFORD COLLEGE
HAVERFORD, PA.

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at Haverford, Pa., under the act of August 24, 1912.

HVERFORD COLLEGE
Bulletin



1945-1946

HVERFORD, PENNSYLVANIA

CONTENTS

College Calendar, 1945-46 and 1946-47.....	4-7
Haverford College—History and Description.....	8-11
Corporation	12
Board of Managers.....	13-14
Faculty	15-19
Officers of Administration.....	20
Standing Committees of the Faculty and Administration... ..	21

REGULATIONS

Admission	22-24
College Entrance Board.....	23-24
Veterans	24
Advanced Standing	24
Curriculum	25-34
Acceleration	25
Required Courses	25-26
Limited Electives	26
Major Concentration	27-28
Free Electives	28
Freshman Program	29
Sophomore, Junior, and Senior Programs.....	29
Conflicting Courses	29
Additional Courses	29-30
Special Cases	30
Intercollegiate Courtesy	30
Preparation for Professions.....	30-34
Grading of Students.....	34
Delinquent Students	34-35
Degrees	36-37
Honors	38-39
Financial Arrangements	40-42
Rooms, Board, and Tuition.....	40-41
Monthly Payments	41
Fees	41-42
Loan Fund	42
Placement Bureau	42

STUDENT ACTIVITIES	43-45
Student Government	43-44
Societies and Organizations	44-45
Student Publications	45
COURSES OF INSTRUCTION	46-76
GENERAL INFORMATION	
Library	77-78
Art Collection	78
Lectures	78-79
Bucky Foundation	79
Infirmary	79
Health Program	79-80
Campus Club	80
Official Publications	80
Scholarships and Fellowships	80-84
Prizes	84-89
Degrees, Prizes, and Honors Granted in 1944-45.....	90-93
Directory of Students, Faculty, and Officers.....	94-104
Alumni Associations	105-106
Index	107

1945

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
September								1	November						1	2	3
		2	3	4	5	6	7	8			4	5	6	7	8	9	10
		9	10	11	12	13	14	15			11	12	13	14	15	16	17
		16	17	18	19	20	21	22			18	19	20	21	22	23	24
		23	24	25	26	27	28	29			25	26	27	28	29	30	
	30																
October			1	2	3	4	5	6	December								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	29	30	31						23	24	25	26	27	28	29
									30	31							

1946

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

College Days in **heavy-faced** type.

CALENDAR
1945-1946

Stated Meeting of the Board of Managers.....	Sept. 21
Registration of all new students.....	Sept. 24
Beginning of College Year with Assembly, 9 A.M.....	Sept. 25
Annual Meeting of the Corporation of Haverford College at the College, 3 P.M.	Oct. 16
Stated Meeting of the Board of Managers.....	Nov. 16
Thanksgiving Day	Nov. 22
Last date for selection of Major Departments by students who have been in attendance three terms.....	Dec. 10
Christmas Recess (dates inclusive)	Dec. 21, 1945-Jan. 6, 1946
First-Semester Classes in Major Subjects end for graduating Seniors	Jan. 17
Stated Meeting of the Board of Managers.....	Jan. 18
First-Semester Classes end (except for graduating Seniors in Major Subjects)	Jan. 19
Senior Comprehensive Examinations.....	Jan. 21-24
Midyear Examinations	Jan. 23-Feb. 1
Second Semester begins with Registration of all new stu- dents, 9 A.M.; approved Second-Semester Programs of returning students must be filed by 5 P.M.....	Feb. 4
Second-Semester Classes begin, 8 A.M.; Assembly, for all stu- dents, 11 A.M.....	Feb. 5
Stated Meeting of the Board of Managers.....	Mar. 15
Spring Recess (dates inclusive)	Mar. 24-31
Last date for selection of Major Departments by students who have been in attendance three terms.....	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 17
Second-Semester Classes in Major Subjects end for gradu- ating Seniors	May 23
Second-Semester Classes end (except for graduating Seniors in Major Subjects)	May 25
Senior Comprehensive Examinations	May 27-30
Final Examinations	May 29-June 7
Commencement Day	June 8

1946

		S	M	T	W	T	F	S			S	M	T	W	T	F	S
September		1	2	3	4	5	6	7	November	...	...	...	...	...	1	2	
		8	9	10	11	12	13	14			3	4	5	6	7	8	9
		15	16	17	18	19	20	21			10	11	12	13	14	15	16
		22	23	24	25	26	27	28			17	18	19	20	21	22	23
		29	30	...	...	...	...	...			24	25	26	27	28	29 ^{hike}	30
October	...	...	1	2	3	4	5	December	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	...		...		29	30	31	...	...	...	...

1947

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

College Days in **heavy-faced** type.

CALENDAR
1946-1947

Registration of all new students.....	Sept. 16-17
Beginning of College Year with Assembly, 9 A.M.; registration of returning students.....	Sept. 18
First-Semester Classes begin, 8 A.M.....	Sept. 19
Thanksgiving Recess (dates inclusive)	Nov. 21-24
Last date for selection of Major Departments by students who have been in attendance three terms.....	Dec. 9
Christmas Recess (dates inclusive)	Dec. 22, 1946-Jan. 5, 1947
First-Semester Classes in Major Subjects end for graduating Seniors	Jan. 11
Senior Comprehensive Examinations.....	Jan. 15-18
First-Semester Classes end (except for graduating Seniors in Major Subjects)	Jan. 16
Midyear Examinations	Jan. 20-31
Commencement Day	Feb. 1
Second Semester begins with Registration of all new students, 9 A.M.; approved Second-Semester Programs of returning students must be filed by 5 P.M.....	Feb. 3
Second-Semester Classes begin, 8 A.M.; Assembly, for all students, 11 A.M.....	Feb. 4
Spring Recess (dates inclusive)	Mar. 30-Apr. 6
Last date for selection of Major Departments by students who have been in attendance three terms.....	Apr. 29
Last date for submission of Prize Manuscripts.....	Apr. 29
Second-Semester Classes in Major Subjects end for graduating Seniors	May 17
Senior Comprehensive Examinations.....	May 21-24
Second-Semester Classes end (except for graduating Seniors in Major Subjects)	May 22
Final Examinations	May 26-June 6
Commencement Day	June 7

HAVERFORD COLLEGE

GENERAL DESCRIPTION

HAVERFORD COLLEGE was founded in 1833. It owes its origin to the vision and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. The object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a Board of Managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding income has been increased to over four million dollars.

Haverford Station is on the main line of the Pennsylvania Railroad, between Bryn Mawr and Ardmore, and is only twenty minutes from downtown Philadelphia by excellent suburban service. The College campus, adjoining the famous Lancaster Pike (U. S. 30), is two hours' train journey from New York or Baltimore, and under three hours from Washington. Valley Forge is one of the many national shrines in the immediate vicinity. The cities of Trenton, Bethlehem, Allentown, Reading, Lancaster, Chester, and Wilmington all lie within a radius of fifty miles. Whether for historic association, cultural advantage, or physical accessibility, Haverford College is admirably situated.

The original tract of 198 acres has since been increased to 216 acres. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener so that the natural beauty of the location has increased with passing years. The grounds include seven

fields for football, baseball, cricket, and soccer; a running-track, numerous tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with an enrollment limited to 400 still enjoys all the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished.

The large endowment enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business, and the professions. Particularly in the Social Sciences, where the seminar method is emphasized, theoretical instruction is frequently checked against the practical experience of visitors prominent in official, industrial, and professional life.

Haverford students enjoy unusual liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students. All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Responsible student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is, in itself, a certificate that the recipient is intellectually, morally, physically, and socially equipped

to play his part and in time to assume a post of leadership in the occupation and community of his choosing. A good proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students who plan to take graduate training in medicine, law, engineering, and other highly specialized subjects, the College offers combinations of courses which prepare its students for admission to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared. Whether or not he intends to proceed to graduate work, the student will in all cases plan his course, and select his Major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833; with additional wings, it is still in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 167,000 volumes.

There are four separate dormitories, as well as modern classrooms, well-equipped laboratories for chemistry, physics, biology, and engineering. The gymnasium was built in 1900; Roberts Hall, containing the College offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the Infirmary, from 1912. In the summer of 1941 the College kitchens were completely modernized, and in the same year a suitable campus dwelling was converted into a Language House with resident director. During the summer of 1942 another of the campus dwellings was remodeled into a Government House, which has rooms for fifteen students and an apartment for its director. Science House, opened in 1943, completes the trio of specialized student residences, the occupants of which have all the advantages of fraternity life without its social discrimination.

In February, 1943, the College began the academic training of a Pre-Meteorology Unit for the Army Air Forces Technical Training Command. These student soldiers remained in residence for a year. In September, 1943, an Army Specialized Training Unit was added, composed for the most part of Area and Language Study trainees. On the termination of this program Haverford received a small Army Pre-Medical Unit, which graduated on November 30, 1944.

A special Relief and Reconstruction Unit, at graduate level, was established during the summer of 1943.

Since the end of the war the College has rapidly been returning to normal size and activity. By the fall of 1946 it is expected that reconversion will be complete.



CORPORATION OF HAVERFORD COLLEGE

OFFICERS

DR. S. EMLÉN STOKES, <i>President</i>	Moorestown, N. J.
ARCHIBALD MACINTOSH, <i>Acting President of the College</i>	Haverford, Pa.
J. HENRY SCATTERGOOD, <i>Treasurer</i>	1616 Walnut St., Phila. 3
JOHN F. GUMMERE, <i>Secretary</i>	W. School Lane and Fox St., Phila. 44

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1946

HARRIS G. HAVILAND.....	17th and Parkway, Phila. 3
ARCHIBALD MACINTOSH.....	3 College Circle, Haverford, Pa.
JONATHAN M. STEERE.....	1318 Girard Trust Bldg., Phila. 2

Term Expires 1947

STANLEY R. YARNALL.....	5337 Knox St., Phila. 44
IRVIN C. POLEY.....	6012 Chew St., Phila. 38
ARTHUR J. PHILLIPS.....	274 S. Felton St., Phila. 39

Term Expires 1948

HENRY C. EVANS.....	635 Manatawna Ave., Phila. 28
WILMOT R. JONES.....	Alapocas Drive, Wilmington, Del.
RICHARD M. SUTTON.....	785 College Ave., Haverford, Pa.

BOARD OF MANAGERS

Ex-officio as Officers of Corporation

DR. S. EMLEN STOKES, <i>President</i>	Moorestown, N. J.
J. HENRY SCATTERGOOD, <i>Treasurer</i>	1616 Walnut St., Phila. 3
JOHN F. GUMMERE, <i>Secretary</i>	W. School Lane and Fox St., Phila. 44

Term Expires 1946

FREDERIC H. STRAWBRIDGE.....	801 Market St., Phila. 7
JONATHAN M. STEERE.....	1318 Girard Trust Bldg., Phila. 2
L. HOLLINGSWORTH WOOD.....	103 Park Ave., New York, N. Y.
STANLEY R. YARNALL.....	5337 Knox St., Phila. 44
WILLIAM W. COMFORT.....	Haverford, Pa.
DR. HENRY M. THOMAS, JR.....	314 Overhill Rd., Baltimore 10, Md.
ALEXANDER C. WOOD, JR.....	325 Chestnut St., Phila. 6
HAROLD EVANS.....	1000 Provident Trust Bldg., Phila. 3
W. NELSON WEST, III*	1411 Walnut St., Phila. 2

Term Expires 1947

J. STOGDELL STOKES.....	Summerdale, Phila. 24
M. ALBERT LINTON.....	4601 Market St., Phila. 39
FRANCIS R. TAYLOR.....	910 Girard Trust Bldg., Phila. 2
EDWARD WOOLMAN.....	Haverford, Pa.
THOMAS W. ELKINTON.....	121 S. 3rd St., Phila. 6
MORRIS E. LEEDS.....	4901 Stenton Ave., Phila. 44
HENRY C. EVANS.....	635 Manatawna Ave., Phila. 28
WILLIAM M. MAIER.....	Bailey Building, Phila. 7
J. COLVIN WRIGHT*	116 E. Penn St., Bedford, Pa.

Term Expires 1948

CHARLES J. RHOADS.....	Ithan Road, Bryn Mawr, Pa.
EDWARD W. EVANS.....	304 Arch St., Phila. 6
WILLIAM A. BATTEY.....	Liberty Trust Building, Phila. 7
DR. FREDERIC C. SHARPLESS.....	Rosemont, Pa.
JOHN A. SILVER.....	Tabor Rd. and E. Adams Ave., Phila. 20
ALFRED BUSSELLE.....	220 E. 36th St., New York, N. Y.
WILMOT R. JONES.....	Alapocas Drive, Wilmington, Del.
WILLIAM B. BELL.....	Rockefeller Plaza, New York, N. Y.
PAUL V. R. MILLER*	Girard Trust Bldg., Phila. 2
CHARLES S. RISTINE*	Fidelity-Phila. Trust Bldg., Phila. 9

FACULTY REPRESENTATIVES ON BOARD OF MANAGERS

Term Expires 1946

FRANK D. WATSON

Term Expires 1947

RICHARD M. SUTTON

Alternates, 1945-46: HOWARD M. TEAF and RALPH M. SARGENT

OFFICERS

Chairman of Board

DR. S. EMLEN STOKES

Secretary of Board

W. NELSON WEST, III

* Alumni Representative Manager.

STANDING COMMITTEES OF THE BOARD OF MANAGERS
OF THE CORPORATION OF HAVERFORD COLLEGE

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

Executive Committee

J. STODDELL STOKES, <i>Chairman</i>	THOMAS W. ELKINTON
JONATHAN M. STEERE	PAUL V. R. MILLER
J. HENRY SCATTERGOOD	W. NELSON WEST, III
FREDERIC C. SHARPLESS	EDWARD W. EVANS
ALEXANDER C. WOOD, JR.	MORRIS E. LEEDS

Committee on Finance and Investments

JONATHAN M. STEERE, <i>Chairman</i>	ALEXANDER C. WOOD, JR.
J. HENRY SCATTERGOOD	M. ALBERT LINTON
WILLIAM B. BELL	

Committee on College Property and Farm

HENRY C. EVANS, <i>Chairman</i>	WILLIAM A. BATTEY
FREDERIC H. STRAWBRIDGE	THOMAS W. ELKINTON
EDWARD W. WOOLMAN	JOHN A. SILVER
ALFRED BUSSELLE	WILLIAM M. MAIER

Committee on Honorary Degrees

WILLIAM W. COMFORT, <i>Chairman</i>	FRANCIS R. TAYLOR
STANLEY R. YARNALL	HENRY M. THOMAS
M. ALBERT LINTON	

Library Committee

WILLIAM W. COMFORT	WILMOT R. JONES
HAROLD EVANS	L. HOLLINGSWORTH WOOD

Counsel

MACCOY, BRITAIN, EVANS, AND LEWIS
1632 Chestnut Street, Philadelphia 3

FACULTY

ARCHIBALD MACINTOSH.....Acting President
A.B., Haverford College
M.A., Columbia University

WILLIAM WISTAR COMFORT.....President, *Emeritus*
A.B. and LL.D., Haverford College
A.B., A. M., and Ph.D., Harvard University
Litt.D., University of Pennsylvania
LL.D., University of Maryland and Lake Forest College

HENRY SHERRING PRATT.....David Scull Professor of Biology, *Emeritus*
A.B., University of Michigan
A.M. and Ph.D., University of Leipzig

RUFUS MATTHEW JONES.....T. Wistar Brown Professor of Philosophy, *Emeritus*
A.B., A. M., and LL.D., Haverford College
A.M. and D.D., Harvard University
Litt.D., Penn College
LL.D., Swarthmore College, Earlham College, and Williams College
D.Theol., University of Marburg
D.D., Yale University
D.Lit.Hum., Colgate University
S.T.D., Colby College and Columbia University
H.Litt.D., Jewish Institute of Religion

LEGH WILBER REID.....Professor of Mathematics, *Emeritus*
S.B., Virginia Military Institute
A.B., Johns Hopkins University
S.M., Princeton 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

HENRY VOLKMAR GUMMERE.....Lecturer in Astronomy, *Emeritus*
S.B., A.M., and Sc.D., Haverford College
A.M., Harvard University

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

(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 EDWARD LUNT.....Walter D. and Edith M. L. Scull Professor of English Constitutional History (1917)
A.B. and L.H.D., Bowdoin College
A.M. and Ph.D., Harvard University

FRANK DEKKER WATSON.....Professor of Sociology and Social Work (1921)
S.B. in Economics and Ph.D., University of Pennsylvania

DEAN PUTNAM LOCKWOOD.....Professor of Latin (1923)
A.B., A.M., and Ph.D., Harvard University

- WILLIAM BUELL MALDRUM.....John Farnum Professor of Chemistry (1927)
B.A. and M.Sc., McGill University
Ph.D., Harvard University
- LEVI ARNOLD POST.....Professor of Greek (1933)
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 (1934)
A.B. and A.M., Haverford College
Ph.D., Harvard University
- EDWARD DOUGLAS SNYDER.....Professor of English (1935)
A.B., Yale University
A.M. and Ph.D., Harvard University
- FRANK WHITSON FETTER*.....Professor of Economics (1936)
A.B., Swarthmore College
A.M., Harvard University
A.M. and Ph.D., Princeton University
- JOHN ALEXANDER KELLY.....Professor of German (1937)
A.B., Emory and Henry College
A.M. and Ph.D., Columbia University
- DOUGLAS VAN STEERE.....Professor of Philosophy (1941)
S.B., Michigan State College
B.A., Oxford University
A.M. and Ph.D., Harvard University
- CLETUS ODIA OAKLEY.....Professor of Mathematics (1942)
B.S., University of Texas
S.M., Brown University
Ph.D., University of Illinois
- RICHARD MANLIFFE SUTTON.....Professor of Physics (1942)
S.B., Haverford College
Ph.D., California Institute of Technology
- RALPH MILLARD SARGENT.....Professor of English (1943)
A.B., Carleton College
Ph.D., Yale University
-
- ALFRED JULIUS SWAN.....Associate Professor of Music (1931)
B.A. and M.A., Oxford University
- JOHN GOODWIN HERNDON.....Associate Professor of Government (1933)
A.B. and M.A., Washington and Lee University
Ph.D., University of Pennsylvania
- JOHN WILLIAM FLIGHT**.....Associate Professor of Biblical Literature (1936)
B.A., Hope College
M.A., Yale University
B.D. and Ph.D., Harvard University
- HARRY WILLIAM PFUND.....Associate Professor of German (1936)
A.B., Haverford College
A.M. and Ph.D., Harvard University

* Absent on leave, 1945-46.

** Absent on leave, first semester, 1945-46.

- HOWARD COMFORT**.....Associate Professor of Latin and Greek (1938)
 A.B., Haverford College
 A.M. and Ph.D., Princeton University
 F.A.A.R., American Academy in Rome
- ALEXANDER JARDINE WILLIAMSON***.....Associate Professor of Romance Languages
 (1939)
 A.B., Haverford College
 A.M. and Ph.D., Princeton University
- ROY EARL RANDALL****.....Associate Professor of Physical Education (1941)
 Ph.B., Brown University
- CARL BARNETT ALLENDOERFER**.....Associate Professor of Mathematics (1942)
 S.B., Haverford College
 B.A. and M.A., Oxford University
 Ph.D., Princeton University
- THOMAS EDWARD DRAKE**.....Associate Professor of American History (1942)
 A.B., Stanford University
 M.A., University of Michigan
 Ph.D., Yale University
- CLAYTON WILLIAM HOLMES**.....Associate Professor of Engineering (1942)
 B.S. and M.E., University of New Hampshire
 A.M., Haverford College
- RICHARD MAX BERNHEIMER***.....Associate Professor of Art (1943)
 Ph.D., University of Munich
- EDMUND STINNES**.....Associate Professor of Government (1943)
 Ph.D., Charlottenburg Institute of Technology
- HOWARD MORRIS TEAF, JR.**.....Associate Professor of Economics (1943)
 B.S. in Economics, A.M., and Ph.D., University of Pennsylvania
- WILLIAM EDWARD CADBURY, JR.**.....Associate Professor of Chemistry (1944)
 S.B. and A.M., Haverford College
 Ph.D., University of Pennsylvania
- THOMAS OSWELL JONES***.....Associate Professor of Chemistry (1944)
 B.E., Oshkosh Teachers College
 Ph.M. and Ph.D., University of Wisconsin
- ABRAHAM PEPINSKY**.....Associate Professor of Psychology and Music (1945)
 B.A. and M.A., University of Minnesota
 Ph.D., The State University of Iowa
-
- HOWARD KNICKERBOCKER HENRY**.....Assistant Professor of Botany (1939)
 B.S., University of Pennsylvania
- THEODORE BRINTON HETZEL***.....Assistant Professor of Engineering (1940)
 S.B., Haverford College
 B.S. in M.E., University of Pennsylvania
 M.S. and Ph.D., Pennsylvania State College
- ALFRED WILLIAM HADDLETON**...Assistant Professor of Physical Education (1941)

* Absent on leave, 1945-46.

** Absent on leave, first semester, 1945-46.

- LOUIS CRAIG GREEN*.....Assistant Professor of Astronomy (1942)
A.B., A.M., and Ph.D., Princeton University
- OMAR PANCOAST, JR.*.....Assistant Professor of Economics and Sociology (1942)
B.S., Johns Hopkins University
Ph.D., Columbia University
C.L.U., American College of Life Underwriters
- LAURENCE WILLIAM WYLIE.....Assistant Professor of French (1944)
B.A. and M.A., University of Indiana
Ph.D., Brown University
- MANUEL JOSÉ ASENSIO.....Assistant Professor of Spanish (1945)
B.A., University of Granada
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid
-
- HOWARD HAINES BRINTON.....Visiting Professor of Philosophy
A.B. and A.M., Haverford College
A.M. and Ph.D., Harvard University
- MARTIN FOSS.....Visiting Professor of Philosophy and Government
LL.D., University of Jena
- JOHN DUNCAN SPAETH.....Visiting Professor of English Literature
A.B. and LL.D., University of Pennsylvania
Ph.D., University of Leipzig
Litt.D., University of Pittsburgh and Muhlenberg College
LL.D., University of Oregon
-
- HERBERT WILLIAM TAYLOR.....Lecturer in Hygiene (1932)
A.B., Haverford College
M.D., University of Pennsylvania
- CHARLES LYON CHANDLER.....Lecturer in Government (1945)
A.B., Harvard University
LL.D., University of Bogotá, Colombia; and University of Porto Alegre, Brazil
-
- ARLINGTON EVANS.....Instructor in Physical Education (1921)
B.P.E., Normal College A. G. U.
M.S., Temple University
- WILLIAM DOCHERTY.....Instructor in Physical Education (1939)
S.B., Temple University
- JOHN OTTO RANTZ.....Instructor in Engineering (1940)
Graduate of the Williamson Free School of Mechanical Trades
- THOMAS ALONZO BENHAM.....Instructor in Physics (1942)
B.S. and M.S., Haverford College
- ELISA ASENSIO.....Instructor in Spanish (1943)
- FRANCIS COPE EVANS.....Instructor in Biology (1943)
S.B., Haverford College
D.Phil., Oxford University
- ELIZABETH WEBB COMFORT.....Instructor in French (1944)
A.B., Vassar College

* Absent on leave, 1945-46.

FACULTY

JOHN ASHBY LESTER, JR.....Instructor in English (1945)
B.S., Haverford College
A.M. and Ph.D., Harvard University

THEODORE LYNN PURNELL.....Instructor in Chemistry (1945)
B.S., Albright College
M.S., Pennsylvania State College

ALAN STEWART FITZGERALD.....Research Associate in Physics and Engineering

NORMAN BARGE BRAMALL.....Assistant in Physical Education

RAY JOSEPH MULLAN.....Assistant in Physical Education
B.S. and M.A., Temple University



OFFICERS OF ADMINISTRATION

ARCHIBALD MACINTOSH	<i>Acting President</i>
A.B., Haverford College M.A., Columbia University	
GILBERT THOMAS HOAG	<i>Dean</i>
A.B., Haverford College A.M. and Ph.D., Harvard University	
ALDO CASELLI	<i>Comptroller</i>
D.S.E. and C., University of Naples	
DEAN PUTNAM LOCKWOOD	<i>Librarian</i>
A.B., A.M., and Ph.D., Harvard University	
HERBERT WILLIAM TAYLOR	<i>Physician in Charge</i>
A.B., Haverford College M.D., University of Pennsylvania	
LOUIS CRAIG GREEN*	<i>Director of the Strawbridge Memorial Observatory</i>
A.B., A.M., and Ph.D., Princeton University	
THOMAS EDWARD DRAKE	<i>Curator of the Quaker Collection</i>
A.B., Stanford University M.A., University of Michigan Ph.D., Yale University	
BENNETT SMEDLEY COOPER	<i>Alumni Secretary and Assistant to the President</i>
B.S., Haverford College	
MRS. ETHEL ELIZABETH BEATTY	<i>Dietician</i>
AMY LYDIA POST	<i>Assistant Librarian</i>
A.B., Earlham College	
MABEL SYLVIA BEARD	<i>Resident Nurse</i>
R.N., Lankenau Hospital	
ALICE LOUELLA MATTSON	<i>Secretary to the President</i>
GERTRUDE MANN WONSON	<i>Admissions Office</i>
B.S., Simmons College	

* Absent on leave, 1945-46.

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees. The President, the three elected divisional representatives of the Faculty, the Director of the Reconstruction and Relief Unit, and Mr. Cooper 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 1945-46 are Messrs. Drake (Social Science), Holmes (Natural Sciences), and Kelly (Humanities).

Academic Standing

MR. OAKLEY, *Chairman*

MESSRS. BENHAM, CADBURY, HOAG, HOLMES, POST

Admissions

MR. MACINTOSH, *Chairman*

MESSRS. ALLENDOERFER, COMFORT, HOLMES, KELLY

Curriculum and Honors

MR. PFUND, *Chairman*

MESSRS. DUNN, HOAG, SUTTON, TEAF, WATSON

Fellowships and Prizes

MR. COMFORT, *Chairman*

MESSRS. DRAKE, FLIGHT,** PEPINSKY, STINNES*

Graduate Students

MR. STEERE, *Chairman*

MESSRS. HERNDON, LUNT, OAKLEY, WYLIE

Library

MR. SARGENT, *Chairman*

MESSRS. DRAKE, FOSS, HENRY, LOCKWOOD, POST

Pre-Medical Education

MR. MELDRUM, *Chairman*

MESSRS. DUNN, HENRY, PEPINSKY, and DR. TAYLOR

Publications

MR. LOCKWOOD, *Chairman*

MESSRS. CASELLI, HERNDON, HOAG

Student Affairs

MR. F. EVANS, *Chairman*

MESSRS. ASENSIO, BENHAM, HADDLETON, HOAG, KELLY, WYLIE

*First semester only.

**Second semester only.

REGULATIONS

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 given by the College Entrance Examination Board, and usually some Achievement Tests given by the same Board. 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.

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry, and

*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.

three years of a foreign language. Cases involving divergence from the requirement 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

In addition to the Scholastic Aptitude Test of the College Entrance Board, which is required of *all* candidates for admission, each candidate shall take, after consultation with the Admissions Office, three of the Achievement Tests offered by the Board.

A single Bulletin of Information containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board. The Board does not publish a detailed description of the Scholastic Aptitude Test or the Achievement Tests. A practice form of the former test will be sent to every candidate who registers for it.

Candidates should make application by mail to the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish to take the December, April, June, or September tests.

In order to facilitate the arrangements for the conduct of the tests, all applications should be filed as early as possible. Each application should be accompanied by the appropriate examination fee, which is five dollars for candidates who take only the Scholastic Aptitude Test and nine dollars for all other candidates.

The College Entrance Examination Board will administer the following four series of tests during the academic year 1945-1946:

Saturday, December 1, 1945

Saturday, April 6, 1946

Saturday, June 1, 1946

Wednesday, August 28, 1946

Applications and fees should reach the office of the Board not later than the dates specified in the following schedule:

	December 1 1945 Series	April 6 1946 Series	June 1 1946 Series	August 28 1946 Series
For examination centers located				
East of the Mississippi River				
or on the Mississippi. . . .	November 10	March 16	May 11	August 7
West of the Mississippi River				
or in Canada or Mexico. . .	November 3	March 9	May 4	July 31
Outside of the United States, Canada, and Mexico. . . .	October 13	February 16	April 13	July 10

Related applications will be subject to a penalty fee of three dollars in addition to the regular fee.

When a candidate has failed to obtain the required blank form of application, the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the candidate's name and address, the exact examination center selected, the college to which his report is to be sent, and the test or tests he is to take.

The Board will report the results of the tests to the institution indicated on the candidate's application. 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.

ADMISSION OF VETERANS

The College welcomes the return of men whose education has been interrupted by military, naval, or non-combatant service. Veterans will be admitted on the standards of accomplishment set for regular Haverford students. Academic credit for courses taken elsewhere will be considered on an individual basis. In some cases Haverford may require veterans to take the Special Aptitude Test for Veterans given by the College Entrance Examination Board (fee six dollars). This Test for Veterans will be held for the first time on December 1, 1945, in the afternoon. Flexibility will be maintained in regard to the time of admission of veterans. Candidates who are interested should apply to the Director of Admissions for details.

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.

CURRICULUM

GENERAL

Haverford is a liberal arts college. Its curriculum is designed to give its students both a knowledge of the content and methods of the broad fields of liberal education, and a systematic training in testing, co-ordinating, and correlating information in a single field of concentration.

Every student in full standing at Haverford College shall carry a normal program of five courses per semester for four years. To graduate, a student must have completed successfully the work of forty semester-courses, as well as three full years of Physical Education. The courses may be classified as follows:

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

ACCELERATION

During the war, Haverford, like other colleges, made arrangements for students to complete the requirements for a degree in a shorter time than is normally required. With the return of peace, the Accelerated Program is now being dropped.

Freshmen who entered in the fall of 1945, or thereafter, will be expected to meet the forty-course requirement for the degree. Those who have successfully completed one of the Summer Sessions at Haverford between 1942 and 1945 will be required to complete thirty-eight courses, and those who have completed two or more such Summer Sessions must complete thirty-six courses. The number of Required Courses and Limited Electives and the average number of Major Concentration courses are the same for those who have accelerated as for those who have not.

Hereafter, credit previously approved for Summer School courses taken elsewhere will be granted on a straight course basis toward the total number of courses required for a degree.

REQUIRED COURSES

Two semester-courses in English are required of all Freshmen. Three terms of Physical Education are required of all Freshmen and Sophomores, and two terms of all Juniors. The three courses in

Physical Education are in addition to the forty semester-courses required for a degree.

LIMITED ELECTIVES

To secure breadth of distribution, every student is required to pass a certain number of courses, as indicated, in each of the following five groups:

1. Foreign Languages: One full-year course in a language beyond the elementary grade. (N.B. A single full-year language course, if included among those listed in group 2, will satisfy the requirements in both group 1 and group 2.)

Furthermore, it is the conviction of Haverford College that the study of Greek and Latin offers both general and specific values which ought not to be lightly omitted from the education of its students; in view of this conviction the College may advise and, where it deems necessary, is prepared to require the study of these subjects.

2. Literature, History of Art, Music: One full-year course or two semester-courses chosen from the following:

English *8b, 11b, 12a, 14a, 14b, 21b, 22b, 23a, 26b, 27a, 30b, 32b, 36b, 42b, 43a*

French *16b, 17a, 18b, 19a, 19b*

German *5a, 6b, 11a, 12b, 13a, 14b, 15a, 17a, 18b*

Greek *2, 3a, 4b, 7a, 8b, 9a, 10b, 27a*

History of Art (all courses)

Latin *5a, 6b, 7, 9a, 10b, 11, 17, 36b*

Music *1, 2, 20a*

Spanish *5a, 6b, 7a, 8b, 9a, 10b*

3. Laboratory Science: One full-year course involving laboratory work in Biology, Chemistry, or Physics, *unless* one such course was presented for entrance.

4. Biblical Literature, Philosophy, Sociology: One full-year course or two semester-courses chosen from the following:

Biblical Literature *1a, 2b, 4b, 6b, 7a, 8b*

Philosophy *3a, 5, 7a, 10b, 11b, 17a, 18b*

Sociology *1a, 2b, 4b, 5a, 6b*

5. Economics, Government, History: One full-year course or two semester-courses chosen from the courses offered by these Departments.

MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, History of Art, Latin, Mathematics, Music, Philosophy, Physics, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 46-75 and are understood as applying to the classes of 1948 and following. During the fourth term of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and must apply to him for written approval of a program of courses for the last four terms. Such a program must provide for the completion, by the end of the Senior year, of no fewer than six courses, at least three of which must have been 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 term. 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"* and "Major Requirements" 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.

The student shall list on his Major registration form *only* those courses which constitute his Major Program. The student chooses his own free elective courses for his last four terms, after consulta-

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

tion with his Major Supervisor, whose power outside the field of Major concentration is, however, merely advisory.

Each student shall consult with his Major Supervisor within the first two weeks of each term during his last four terms for the purpose of reviewing his program of courses. Due notice of this responsibility is to be given by the Dean to the students and to the Major Supervisors.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Department, 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.

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 term, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year. The time thus taken for preparation for the Major shall be technically called course 20*b* in the student's department of concentration. Hence there will be no diminution in the total requirement of forty semester-courses for the degree.

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

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 Dean, to prevent unreasonable combinations of courses, but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor.

PROGRAMS

Freshman Program

Although the Dean is instructed to lay out for each Freshman 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 one or two foreign languages and two or three courses in History, Mathematics, Science (but not more than one in each of these three Departments).

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Astronomy 1a	Greek 1, 2, 3a, 4b
Biblical Literature 1a, 2b	History 1
Biology 1, 2a	History of Art
Chemistry 1a, 2a, 2b, 3b	(see Bryn Mawr <i>Calendar</i>)
Engineering 1a, 2b, 10b	Latin 1, 3, 5a, 6b, 7
English 2b	Mathematics 1
French 1, 2, 3	Music 1
German 1, 2, 3	Physics 1, 2
Government 2b, 3a	Spanish 1, 2, 3

In special cases, with the consent of the Dean, Freshmen may be admitted to certain other courses.

In cooperation with the Department of English the Dean administers a series of standard tests to all entrants within the first few days of each term. The results of these tests are used to help Freshmen readjust, if necessary, their selection of courses. These tests are also used to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading. This course 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 when studying reading assignments.

Sophomore, Junior, and Senior Programs

Unless otherwise specified, all courses offered in any term are open to Sophomores, Juniors, and Seniors.

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 in their last semester in college. A fee of \$25 per semester is charged for every additional course.

SPECIAL CASES

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

INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in laboratory courses. Visiting students will be charged the same laboratory fees or deposits as in their own institution.

Students desiring to take advantage of this arrangement should secure permission from the Dean and from the chairman of the Department at the college in which the course is given. It is also desirable that the instructor giving the course be consulted in advance.

Graduate students will obtain similar permission 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.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large number of Haverford College students desire, after graduation, to enter upon courses of study fitting them for professions. For students desiring preparation for the professional schools in Engineering, Medicine, and other highly specialized subjects the College offers combinations of courses which will prepare its graduates for admission, with full standing and in many cases with advanced credit, to the best professional schools in the country.

To illustrate this feature of the curriculum sample outlines of study preparatory to specialization in Engineering, Medicine, Law, and Business Administration are presented on the following pages.

Similar outlines might be prepared for other professions, such as Teaching, the Ministry, Journalism, Industrial Chemistry, etc. In making his choice of courses, the student must consult with the Dean and the professors concerned.

Each of the following outlines is, of course, only a sample, presenting *one* among many possibilities, and is not intended to be a prescribed program.

PREPARATION FOR ENGINEERING

Engineering today covers an extremely broad field of service, and there is, accordingly, no standard type of training suitable for all students preparing themselves for an engineering career. A typical four-year course in general engineering follows:

FRESHMAN YEAR

Principles of Engineering Drawing and Shop Methods
 Engineering Orientation and Surveying
 Inorganic Chemistry and Qualitative Analysis
 Mathematics
 English Composition and Literature
 Foreign Language

SOPHOMORE YEAR

Kinematics of Machines
 Analytical Mechanics
 General Physics
 Calculus
 Elementary Economics
 American History

JUNIOR YEAR

Elements of Applied Electricity
 Alternating Currents
 Thermodynamics
 Fluid Mechanics
 Materials of Engineering
 Advanced Calculus and Differential Equations
 Government and Business
 Introduction to Sociology
 Industry and Society
 Seminar in Engineering

SENIOR YEAR

Heat Engineering
 Strength of Materials
 Machine Design
 Special Project in Engineering
 Internal Combustion Engines
 Accounting (or Statistics)
 English Elective
 The Corporation
 Labor Policies and Business Management
 Seminar in Engineering

PREPARATION FOR MEDICINE

In consequence of the relatively large number of students who prepare for medical school at Haverford, the premedical program has become a distinctive feature of the work of the College. The program is under the direction of the Premedical Committee of the Faculty (see page 21), the members of which stand ready to advise students on matters of premedical interest. The program makes provision not only for the necessary courses in the premedical sciences but also for a sufficient number of courses in the non-science fields to ensure the student a well-balanced education. Over-specialization in science in the premedical course is not encouraged by the College nor by the medical schools. The required courses in the premedical sciences number 8 (8½ if the study of chemistry is

begun in college), so that an ample number of courses remain to meet any special requirements of the medical schools and the requirements of the College in *limited electives*, as well as to enable the student to choose a Major in accord with his scholastic interest. A premedical student is free to choose any Major for which he is qualified, but he must do creditable work in the premedical sciences in order to secure a favorable recommendation to medical school.

The program of studies which satisfies adequately the requirements for admission to medical school includes the courses listed below. Those in the premedical sciences should be taken in the years indicated in order to avoid schedule conflicts.

- FIRST YEAR:** General Biology (Biology 1a, 1b)
 Inorganic Chemistry (Chemistry 2a)
 Qualitative Analysis (Chemistry 3b)
 Freshman Mathematics (Mathematics 1a, 1b)
 Elementary German or French
 (German or French 1a, 1b)
- SECOND YEAR:** Organic Chemistry (Chemistry 5a, 6b)
 General Physics (Physics 1a, 1b or 2a, 2b)
 Elementary Psychology (Psychology 1a, 1b)
 Intermediate German or French
 (German or French 2a, 2b)
- THIRD YEAR:** Quantitative Analysis (Chemistry 4a)
 Premedical Physical Chemistry (Chemistry 9b)
 Vertebrate Morphology: Embryology and Anatomy
 (Biology 3a, 3b)

Certain medical schools have additional specific requirements: Johns Hopkins University requires both French and German, and also elementary Latin; the University of Pennsylvania requires English literature; the University of Michigan requires botany; Harvard and Johns Hopkins require advanced organic chemistry; and so on. The premedical student must see to it that such special requirements of the medical school of his choice are met in his college program. Many medical schools advise that English, sociology, economics, philosophy, and other courses in non-science subjects be included in the premedical program. If American history has not been studied in high school, it must be taken in college in order to meet a requirement of State Boards of Medical Licensure. A premedical aptitude test, prepared by the Association of American

Medical Colleges, is given each year, usually in December, and this must be taken by all candidates for admission to medical school in that year. Due notice of the date for this test will be given.

PREPARATION FOR THE LAW

Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student in the study of law and later in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

FRESHMAN YEAR

English Composition and Literature
 Foreign Language, preferably Latin
 A Modern Foreign Language
 Mathematics
 American Federal Government

SOPHOMORE YEAR

American History
 Elementary Economics
 Contemporary Legislation
 English, Mediaeval, or Modern European History
 State and Local Government

JUNIOR YEAR

Elementary Psychology
 English Constitutional History
 Roman Law
 Government and Business
 Constitutional Law
 Accounting

SENIOR YEAR

American History
 English Literature
 English, Mediaeval, or Modern European History
 The Corporation
 Government Finance
 Development of Political Thought

PREPARATION FOR BUSINESS ADMINISTRATION

Students planning to continue study at a graduate school of business administration or to engage directly in business might arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

JUNIOR YEAR

Industry and Society
 Labor Organization and Business Management
 Money and Banking
 Accounting
 Introduction to Statistics
 The Corporation

SENIOR YEAR

Ethics
 National Income and Investment
 International Trade and Finance
 Government and Business

Students expecting to enter manufacturing industries in any capacity are encouraged to take courses in Chemistry, Engineering, or Physics in order to become acquainted with the general nature of the processes and techniques involved in modern manufacturing.

PREPARATION FOR PUBLIC ADMINISTRATION

Students who are interested in entering the government service for work in Public Administration should have courses in Elementary Economics, American History and Government, National Income and Investment, Political Theory, Government Finance, Accounting, Statistics, Public Administration, Constitutional Law, and Government and Business.

Each year the United States Government holds an examination for filling vacancies in the field of Public Administration, which is covered by these courses given by the College.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued at the end of each term.

Freshmen are expected 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.

DELINQUENT STUDENTS

A student who achieves a grade of 50-60 (E) as his term mark in any course is allowed a special examination in September following the failure (on Monday, Tuesday, or Wednesday immediately preceding the opening of College). Seniors who achieve 50-60 in any course (except in the Major Examination, see page 28) are permitted to take the special examination during Commencement Week. These examinations, known as make-up examinations, are scheduled only upon written request by the student and on the payment of the fee of \$5.00 for each examination. The request and the fee must be received by the Registrar ten days before the opening of College in September. Late applicants are subject to an additional fee of \$5.00.

A student who achieves a grade below 50 is not permitted to take a special examination in that course.

A student with 50 or below as his term grade, or with 50-60 as his term grade in any course after the special examination privilege has lapsed or after taking a special examination, must repeat the course if it is a required course (repeated courses are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining this degree.

A fee of \$15 per term is charged for all repeated or substituted courses.

When a student drops a course, an arbitrary grade of 40 shall be recorded by the Registrar unless the instructor turns in a lower grade, except that in unusual cases, with the permission of the instructor in the course and the Dean, a course may be dropped without a recorded grade. All recorded grades will be included in the semester average.

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 applying a credit previously obtained. If a student fails a course and wishes to make up the credit deficiency by taking an extra course in the subsequent term, he shall be granted permission only if he first forfeits all right to re-examination in his failed course.

A Sophomore who fails to attain promotion average (see page 34), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 34), and who has not more than one failure, may take a re-examination in the course of one term in which he has received the lowest grade, provided that this grade be better than F.

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. Usually a student who has failures against him in more than two one-term courses at the opening of College in September will be dropped.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have attained a general average of 70 or above for the Junior and Senior years respectively, 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 normal degree conferred upon all candidates meeting these requirements is that of Bachelor of Arts. However, upon request by the candidate and approval by the department concerned, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, 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. A candidate should have a reading knowledge of one foreign language, ancient or modern.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (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 at least to a full course. At least two of the courses and the additional intensive work must be in the same field 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 Major subject. 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

* In a full-year course in which credit is not granted for the work of a single term, the course grade is the average of the two term grades; in other cases each term's work is a separate course, for the purposes of this requirement.

by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College Library.

A minimum of one year's residence is required, and a candidate, if well 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 candidates for the Master's degree must complete the required work 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.

Fellowships.—Six graduate fellowships of \$800 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, who wish to proceed with their education in any department of Haverford College, provided the candidate and his proposed schedules of study are approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. Students must board and reside at Haverford College unless, by arrangement with the Dean, they live at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by the following records: a certified list of the applicant's courses and grades as an undergraduate; a statement of his draft status; 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 a small photograph. Applications and other material should be in the hands of the Dean of Haverford College before March 1 to secure consideration for the following year.

Charges.—For charges and fees see pp. 40–42.

HONORS

Honors are awarded for excellence in the studies of single 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 three kinds: *Honorable Mention*, *Preliminary Honors*, and *Final Honors*.

*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 creditably pass an examination on the additional work required. Two courses of one term 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.

Preliminary Honors will be awarded at the end of the Sophomore or Junior year for work in not less than two courses of two terms each in a single department, and additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a minimum average grade of 85 in the courses required for such honors (including a grade satisfactory to the Department in the courses taken in the Sophomore or Junior year), and must creditably pass examinations on the additional work required.

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 more extensive in its scope 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 recommendation of a department or 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 verdict of an outside examiner may be obtained if deemed desirable. The vari-

*Honorable mention is awarded in Freshman English in connection with the work of the second term (English 2b).

ous departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors one-half of one per cent for each award of Honorable Mention or Preliminary Honors shall be added to each recipient's general average for the year. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent, respectively, to the average for the Senior year of each student receiving one of these awards.

FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 22) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. 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. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. This amount will be deducted from his bill for the following year. If he fails to occupy the room, the deposit will be forfeited, unless the student is *excluded by the College* for failures or other sufficient reasons, in which case the fee will be refunded.

Students are expected to treat their own and College property with the same consideration as in their own homes. 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.

The College does not hold itself responsible for the safekeeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The tuition charge for all regular students is \$450 for the academic year. Tuition for special students is \$60 per course per term. The total charge for tuition, board (\$12 per week), and room rent (\$100 to \$225, according to location) varies from \$958 to \$1,108 for the year. These charges, which are subject to alteration by the Board of Managers, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.* a bureau and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels. In general, two students share one study and each has his private bedroom adjoining. A few single rooms are also available.

The College requires that bills rendered October 1 for three-fifths of the student's total cash indebtedness for the current fall and spring

terms for room, board, and tuition must be paid *in full before* November 1. Those rendered February 1 for the balance of the fall and spring terms must be paid *in full before* March 1. Bills for the summer term rendered July 1 must be paid *in full before* August 1. Failure to pay within the specified period automatically cancels the student's registration.

No reduction or refund of the tuition charge will be made on account of absence, illness, or dismissal during the year. If the student shall withdraw or be absent from College for any reason, there will be no reduction or refund because of failure to occupy the room assigned for that semester. In case of illness or absence for any other reasons from the College for six weeks or more, there will be a proportionate reduction for board provided that notice is given to the Comptroller at the time of withdrawal. Fees cannot be refunded for any reason whatsoever.

Additional expenses include textbooks, which need not exceed \$25-\$40 a year, and various fees and special charges (see below).

MONTHLY PAYMENTS

Since some parents may prefer to pay tuition and other college fees in equal monthly installments during the academic year, we are 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 term.

FEES AND SPECIAL CHARGES

SUPPLEMENTARY TUITION FEES

(For regular tuition charge, see p. 40)

- (1) \$25 per semester—for extra (*i.e.*, sixth) course. (No refund when the extra course is dropped *after* the first two weeks of a semester.)
- (2) \$15 per semester—for every repeated or substituted course.

DEPOSITS

- (1) \$15—for room reservation (deducted when room is occupied; refunded when student is dropped by the College).
- (2) \$20 per term—for incidentals (balance to be refunded at end of term).
- (3) \$5—for Chemistry Laboratory breakage (balance to be refunded at the end of term) to be paid by each student for each Chemistry course taken.

EXAMINATION FEES

- (1) \$5—for each make-up examination.
- (2) \$25—for re-examination in Major Comprehensive at other than regular time.

FEES FOR DEGREES

- (1) \$15—for Bachelor's Degree.
- (2) \$20—for Master's Degree.

OTHER SPECIAL FEES

- (1) \$15 per year—for Student Activities.
- (2) \$1.50 per semester—for the use of radios.
- (3) \$5 per day—for residence in the Infirmary beyond one week.
- (4) Laboratory fees—see announcements of courses under Astronomy, Biology, Chemistry, Engineering, Physics.

"TOO LATE" FINES

- (1) \$5—for late registration at beginning of semester.
- (2) \$5—for application for make-up examination received *less* than ten days before the opening of college in September.
- (3) \$15—for dropping a course more than two weeks after beginning of semester.
- (4) \$5—for filing Major Program with Dean after set date.

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.

PLACEMENT BUREAU

Plans are being carried out for the development of a more effective Placement Bureau for those who wish to avail themselves of this service. Information regarding opportunities for employment is being gathered for undergraduates and graduates who wish assistance in securing employment. Part-time work is found for those who desire it while in college.

STUDENT 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 personal honor and individual qualities of moral integrity and social responsibility. The basis, therefore, of Student Government at Haverford is the Honor System, which is a compact entered into by all members of the Students' Association. The Honor System upholds certain standards which represent the considered opinion of the Students' Association on what is desirable conduct on the campus. It is not restricted to the conduct of examinations and the preparation of papers outside of class. It covers every phase of college life. It applies to such college requirements as attendance at Tuesday Collection and Thursday Meeting, to the rules governing the presence of women in the dormitories, and to other standing regulations, which are enforced through 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 the operation of extra-curricular activities on the campus and allocates to each a percentage of the Student Activities Fee (\$15 per year, charged to every undergraduate) on the basis of a yearly budget. In intercollegiate relations 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.

SOCIETIES AND ORGANIZATIONS

The Students' Association. This organization is composed of all undergraduates in good standing at Haverford. It is the body for student self-government at Haverford. On its Council are representatives of the four classes and of publications.

Phi Beta Kappa. The Haverford Chapter of the Phi Beta Kappa Society is Zeta of Pennsylvania, chartered in 1898. Elections at Haverford are held for students at the end of the Junior year and at the end of the Senior year.

Founders Club. This Haverford honorary society, established in 1914 as an organization of students, alumni, and faculty, seeks to recognize by election to its membership those undergraduates who combine a sound academic record with noteworthy participation in extra-curricular activities. Elections are usually made from the Junior and Senior classes, except in unusual cases where Sophomores are chosen.

Cap and Bells Club. The Haverford dramatic organization, composed of graduates and undergraduates, sponsors dramatic productions. The Club has collaborated with those of Bryn Mawr and Swarthmore in putting on plays and musical productions.

Nautical Club. The Club provides intercollegiate racing and general sailing for members who have had some experience and those who desire to learn to sail. It keeps four dinghies on the Delaware River. Intercollegiate meets are held each semester and teams have

gone to Annapolis, Boston, and the Coast Guard Academy in New London.

Radio Club. A campus broadcasting station is operated as Station WHAV. Programs are presented throughout the year.

Other Organizations. The following groups are also active at Haverford: Glee Club, Varsity Club, Debate Council, Biology Club, Chemistry Club, Classical Symposium, Engineering Club, International Relations Club, Mathematics-Physics Club.

STUDENT PUBLICATIONS

The Haverford Review, published two or three times annually, is an illustrated alumni magazine, devoted to the interests of the entire Haverford community. It provides a forum for the discussion of the problems and functions of the small liberal arts college in America. Annual subscription \$1. Enquiries should be addressed to The Managing Editor, The Haverford Review, Haverford College.

The Haverford News, a student publication, appears weekly during the college year. Each issue contains a section of Alumni news.

The Record, Senior yearbook, is distributed immediately before commencement.

COURSES OF INSTRUCTION

The normal course at Haverford College, except in modern languages, is three hours per week. The laboratory equivalent for a lecture hour is customarily two and one half hours. Variations in this general rule are noted in the listing of the particular course. Some of the courses listed are not offered during the current year.

ASTRONOMY

The William J. Strawbridge Memorial Observatory enables students to become familiar with a variety of astronomical instruments, and to acquire from actual observation a practical acquaintance with astronomy.

The equipment consists of three equatorially mounted telescopes; a 10-inch and a 4 $\frac{1}{2}$ -inch refractor and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3 $\frac{3}{4}$ -inch aperture; a zenith telescope of 2 $\frac{1}{4}$ -inch aperture; a spectroheliograph; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; two sidereal clocks; a chronograph by Bond; and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 1a and five one-term courses to be chosen from Astronomy 2b; 5a, 6b; 7a, 8b; 9a, 10b. Three courses to be chosen from Mathematics 2, 3, and Physics 2, 3.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

1a. Descriptive Astronomy — MR. GREEN.

A general course open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems. No fee.

2b. Celestial Navigation — MR. GREEN and MR. MACINTOSH.

The determination of position and course at sea and in the air by trigonometric, graphical, and tabular methods. Mathematical aspects of piloting, such as the problems of interception and of return to a moving base, will be emphasized. Sextant observations will be taken and reduced. Prerequisite, *Plane Trigonometry*. A fee of \$7.00 per semester is charged.

5a, 6b. Observational Astronomy — MR. GREEN.

Determination of latitude, longitude, and time. Visual and photographic observations of the sun, moon, planets, and stars. Spectroscopic observations of the sun. A fee of \$7.50 per semester is charged.

7a, 8b. Celestial Mechanics and Orbit Determination — MR. GREEN.

An introduction to mathematical astronomy. Prerequisite, *Mathematics 3*, or in conjunction with *Mathematics 3*. No fee.

9a, 10b. Astrophysics — MR. GREEN.

A study of the state of matter in interstellar space, in the atmospheres of the stars, and in their interiors. Prerequisites, *Physics 2* and *Mathematics 2*. No fee.

BIBLICAL LITERATURE

The courses in this Department are designed to cover broadly the history, literature, and religion of the Bible, with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the Department and to offer either introductory or advanced work.

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. 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.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

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.

1a. Introduction to the Old and New Testaments — MR. FLIGHT.

The literature of the Bible with its historical background.

2b. The Rise of Christianity — 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.

4b. Development of Christian Thought within the Bible — MR. FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

6b. Comparative Religion — MR. FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

7a. Ancient History of the Near East — MR. FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

(Also called History 7a.)

8b. The English Bible — MR. FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

(Also called English 8b.)

9a or 10b. Biblical and Oriental Conference — MR. FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, *other work in the Department, in which a grade of B has been attained.*

11. Hebrew — MR. FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school; for students who wish to engage in graduate work, teaching, or conservation; and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German; Chemistry 1a or 2a and 3b, 5a, 6b; Physics 1 or 2 (or Geography and Geology 1, depending on the student's field of interest); and at least Biology 1 and 2a, 2b. For advanced experimental Biology, Chemistry 5a, 6b may be necessary.

A gift from the class of 1915 enables the Department to house and display the extensive collections of the College so that they are available to anyone interested in the natural history of the Philadelphia area.

Major Requirements

Biology 1, 2a, 2b, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 1 or 2, Chemistry 1a or 2a and 3b, Math. 13b, and Geography and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of Sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required. This examination will be partly written (approximately 4 hours) and partly oral.

1. General Zoology — Four hours. MR. DUNN, MR. HENRY, and MR. F. C. EVANS.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$8.00 per semester is charged.

2a. General Botany — Four hours. MR. HENRY.

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. This is a brief course designed to fit the needs of the student not majoring in science. A fee of \$7.50 per semester is charged.

2b. Systematic Botany — MR. HENRY.

This course, a continuation of Biology 2a, consists of a systematic study of the major plant groups. Prerequisite, *Biology 2a*. A fee of \$7.50 is charged.

3. Vertebrate Morphology (Anatomy and Embryology) — Three hours. MR. DUNN and MR. HENRY.

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. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

4. Local Flora — MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2a* and *2b*. A fee of \$7.50 per semester is charged.

5. Entomology — MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification, and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

7. Evolution, Heredity, and Other General Biological Problems — MR. DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on recent developments in the field of biology, especially for students of Sociology, Philosophy, and History. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. No fee.

10. Seminar Courses — Required of candidates for Honors in Biology.

Open only by permission of the instructor.

Vertebrate Zoology — Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*, *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology — Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution — Problems of habitat relationships or geographical relationships of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and *2b*. MR. DUNN, MR. HENRY, and MR. F. C. EVANS.

Genetics — Problems of Genetics. Primarily for Graduate Students. MR. DUNN.

Advanced Botany — Studies in comparative anatomy of plants. Prerequisite, *Biology 2a*, *4*, *8b*. MR. HENRY. No fixed fee.

CHEMISTRY

The courses in Chemistry are all listed as one-semester courses. When they are taken in certain sequences they afford a developing knowledge of the science. Chemistry *1a* and *2a* (or *2b*) are of a general nature, dealing with the fundamentals of the subject with some application of the scientific method. Chemistry *2a* (or *2b*) is prerequisite to all other courses in the Department. Freshmen electing Chemistry will normally take Chemistry *1a* and *2b*, in the first and second semesters respectively; but those who have had chemistry in school may be permitted to take Chemistry *2a* in the first semester and to continue with Chemistry *3b* in the second. If a Freshman takes Chemistry *1a* and *2b* in his first year and wishes to

continue with chemistry, he must make provision to take Chemistry 3b in the second semester of his Sophomore year.

The courses approved by the American Chemical Society for the professional education of chemists, which should be completed by students expecting to apply either for admission to the universities as graduate students in chemistry or for professional positions in industrial chemistry, include those listed for the Major (see below) together with Chemistry 14b and 16b. Chemistry 7a and 8b, but not 9b, meet the requirement in physical chemistry. For the chemistry courses required for premedical preparation see page 32.

Major Requirements

The requirements for the Chemistry Major may be met by either of the following programs of courses:

(1) Primarily for prospective chemists and chemical engineers: Chemistry 2a, 3b, 4a, 5a, 6b, 7a, 8b, 13a, 15b; Mathematics 2; Physics 2; German 2.

(2) Primarily for premedical students: Chemistry 2a, 3b, 4a, 5a, 6b, 9b (or 7a and 8b), 13a, 17a; Biology 1, 3; Physics 1 or 2.

Candidates for final honors in chemistry are required to take, during the Junior and Senior years, at least three of the short seminar courses offered by the Department, such as Chemical German Reading, History of Chemistry, Glassblowing, and Recent Advances in Chemistry.

1a. Inorganic Chemistry — Four hours. MR. CADBURY.

Primarily for Freshmen and Sophomores who have not had chemistry in school.

Lectures and laboratory work dealing with the fundamentals of chemistry, the preparation, properties, and uses of the more common elements and their compounds, and the application of the general principles of chemistry to industrial processes. A fee of \$5.00 is charged.

2a or 2b. Inorganic Chemistry — Four hours. MR. MELDRUM and MR. CADBURY.

Primarily for Freshmen and Sophomores who have had chemistry in school or who have passed Chemistry 1a.

Lectures and laboratory work dealing with fundamental principles, the extraction and properties of metals, the periodic law, aqueous solutions and the ionic theory, and the structure of atoms and molecules. A fee of \$5.00 is charged.

3b. Qualitative Analysis — Four hours. MR. MELDRUM and MR. PURNELL.

Lectures on reaction kinetics and the application of the ionic theory to analytical processes and to electrolytic phenomena. The systematic qualitative analysis of inorganic materials using the semimicro method constitutes the laboratory work. A fee of \$6.00 is charged. Prerequisite, *Chemistry 2a* or *2b*.

4a. Quantitative Analysis — Four hours. MR. MELDRUM and MR. CADBURY.

Lectures and laboratory work dealing with the general principles of gravimetric, volumetric, electrolytic, and colorimetric methods of analysis. A fee of \$6.00 is charged. Prerequisite, *Chemistry 3b* and *Mathematics 1a*.

5a, 6b. Organic Chemistry — Four hours. MR. MELDRUM.

A study of aliphatic, aromatic, and heterocyclic compounds. In the laboratory experiments illustrating the synthesis and chemical properties of such substances are carried out. A fee of \$5.00 per semester is charged. Prerequisite, *Chemistry 2*.

7a, 8b. Physical Chemistry — Four hours. MR. CADBURY.

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. A fee of \$5.00 is charged. Prerequisite, *Chemistry 4a* and *Mathematics 2*.

9b. Premedical Physical Chemistry — Three hours. MR. CADBURY.

A lecture and conference course dealing particularly with those phases of physical chemistry which find application in physiology, physiological chemistry, and other medical school subjects. Among the topics discussed are: gases and solutions, hydrogen ion concentration and *pH* and their measurement, reaction velocity and catalysis, enzyme action, adsorption, and colloids. Prerequisite, *Chemistry 4a*.

11a. Chemical Thermodynamics — Three hours. MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their application to chemical systems; the development and use of the third law. Prerequisite, *Chemistry 7a* and *8b*, and *Mathematics 2*.

13a. Advanced Organic Chemistry — Three hours. MR. JONES.

A study of stereochemistry, carbohydrates, amino acids and proteins, essential oils, and alkaloids. The laboratory work involves the identification of organic substances by classification reactions and by the preparation of derivatives. A fee of \$5.00 is charged. Prerequisite, *Chemistry 5a* and *6b*.

14b. Organic Syntheses — Three hours. MR. JONES.

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Special syntheses constitute the laboratory work. A fee of \$7.50 is charged. Prerequisite, *Chemistry 5a* and *6b*.

15b. Advanced Quantitative Analysis — Three hours. 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. A fee of \$6.00 is charged. Prerequisite, *Chemistry 4a*.

16b. Advanced Quantitative Analysis — Three hours. MR. JONES.

Lectures and laboratory work dealing with micro, semimicro, and other special methods of quantitative analysis. A fee of \$6.00 is charged. Prerequisite, *Chemistry 4a*, *5a*, and *6b*.

17a or 18b. Chemical Research — MR. MELDRUM, MR. CADBURY, and MR. JONES.

Open only to Senior Chemistry Majors and to graduate students in chemistry. May be elected as one or more courses. No fixed fee.

20b. Chemistry Major — MR. MELDRUM, MR. CADBURY, and MR. JONES.

Seniors majoring in chemistry will meet with members of the Staff for one hour per week for a critical discussion of the chemical principles studied in the courses and the application of these principles to modern developments in the science.

21a, 22b. Special Topics in Theoretical Chemistry — MR. MELDRUM.

Open only to graduate students in chemistry. No fee.

ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society. The advanced courses are designed to give a liberal education and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of the

advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with significant source material and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take Introduction to Statistics, offered by the Department of Mathematics. Mathematics 1 is a prerequisite to Statistics.

Economics 1 is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen on the recommendation of the Dean, and by Juniors and Seniors with the permission of the professor in charge.

Major Requirements

Economics 1, 3a, 9a, 13a, and three other half-year courses in Economics. Mathematics 13b (Introduction to Statistics) may be considered as one such half-year course.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the Major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics — MR. TEAF.

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present-day problems.

3a. Money and Banking — MR. FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

[Not offered in 1945-46; to be offered in 1946-47.]

4b. International Trade and Finance — MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness.

[Not offered in 1945-46.]

5a. Industry and Society — MR. WATSON.

(See Sociology 5a.)

6b. Labor Policies and Business Management — MR. WATSON.

(See Sociology 6b.)

8b. Government Finance — MR. HERNDON.

(See Government 8b.)

9a or 9b. Accounting — Mr. TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

10b. The Corporation — Mr. TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

[Not offered in 1945-46.]

11a. Government and Business — Mr. TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations.

(Also called Government 11a.)

[Not offered in 1945-46.]

13a. National Income and Investment — Mr. FETTER.

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics Majors, but also open to qualified students from other departments.

[Not offered in 1945-46.]

14b. Seminar in Economic Problems — Mr. FETTER.

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

[Not offered in 1945-46.]

15a, 16b. Seminar — Mr. FETTER and Mr. TEAF.

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students. Advanced undergraduate students may enroll for this course after specific arrangement with the chairman of the Department.

Economics 17a. Readings in Foreign Economics — Mr. FETTER.

This course is to train men in the reading of economic literature in foreign languages, and to familiarize them with current economic publications and with the principal economic journals and sources of commercial and statistical information appearing in foreign languages. Intended primarily for economics Majors, but qualified men in other fields will be admitted.

The course will be given as demand warrants, with reading in French, German, or Spanish to meet the needs of individual students. Men admitted to the course ordinarily must have the equivalent of two years of college study in the language to be covered, but by special permission a man with only one year may be admitted.

[Not offered in 1945-46.]

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses 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.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing classrooms, drawing rooms; a departmental library; mechanical, electrical, and electronics 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.

A typical selection of courses for those majoring in engineering is outlined on page 31.

The specific courses offered by the Department are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. Engineering 13a, 14b, and 23a, 24b may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b.

Chemistry 1a or its equivalent, Mathematics 2, Physics 2, and two additional half-year courses from Engineering, Mathematics, Physics, or Chemistry.

An active interest in current professional work.

Engineering seminar and comprehensive examination.

1a. Principles of Engineering Drawing and Shop Methods — MR. HETZEL, MR. HOLMES, and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Inspection trips. A fee of \$11.00 per semester is charged.

2b. Engineering Drawing, Orientation, Surveying, and Shop Methods — MR. HOLMES, MR. HETZEL, and MR. RANTZ.

Additional work on detail and assembly drawings for a complete machine. Exercises in machine-tool work, in plane surveying, and in the mechanical labora-

tory. Lectures will be arranged by outside specialists in the various branches of engineering for orientation purposes. Attendance at these lectures will be required. Discussions and reports. Inspection trips. A fee of \$11.00 per semester is charged.

5a. Shop Methods — MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Reference reading and reports on modern production methods, costs and time studies. A fee of \$12.50 per semester is charged.

7a. Kinematics of Machines — MR. HETZEL.

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 per semester is charged.

8b. Analytical Mechanics — MR. HETZEL.

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. Prerequisite or parallel course, *Mathematics 2*. No fee.

10b. Materials of Engineering — MR. HOLMES.

A study of the production and engineering properties of metals, their alloys, and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Inspection trips. A fee of \$7.50 per semester is charged.

11a. Fluid Mechanics — MR. HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices, and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of \$5.00 per semester is charged.

12b. Thermodynamics — MR. HOLMES.

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

13a. Elements of Applied Electricity.

This course, while fundamental to the more advanced electrical courses, is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. and a.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 per semester is charged.

14b. Alternating Current Theory and Practice.

A continuation of course 13a, with a more detailed study of alternating currents including power, electronics, and communication apparatus. A fee of \$7.50 per semester is charged.

15a. Heat Engineering — Four hours. MR. HOLMES.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economies, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

One laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Inspection trip. A fee of \$7.50 per semester is charged.

16b. Strength of Materials — MR. HOLMES.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw-testing machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. Prerequisite, *Engineering 8b*. A fee of \$7.50 per semester is charged.

17a. Electronics — MR. BENHAM.

Lectures, problems, and laboratory work covering fundamental principles, vacuum and gas tubes, photo-electric devices, etc.
(See Physics 15a.)

18b. Internal Combustion Engines — MR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. No fixed fee.

21a. Mechanical Laboratory — MR. HOLMES and MR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 21a, the course may be continued through the second half-year by arrangement. Assigned reading and comprehensive reports. Prerequisite, *Engineering 15a*. A fee of \$7.50 per semester is charged.

23a. Electrical Circuits and Measurements — MR. BENHAM.

Circuit theory and laboratory work covering magnetic, inductive, capacitive, and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*. A fee of \$7.50 per semester is charged.

24b. Electrical Theory and Experimentation — MR. BENHAM.

Special topics in electronics, communications, and power. This course will be suited to the needs of a limited number of students electing it. Prerequisite, *Engineering 14b* or *17a*.

25a, 26b. Special Projects in Engineering.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading or experimental work and reports on some particular topic. No fixed fee.

ENGLISH LANGUAGE AND LITERATURE

The Department believes it essential to insure that all undergraduates should be able to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes, further, that the departmental curriculum must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that courses must be provided for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The Department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Consid-

erable freedom of selection is possible for the individual student after appropriate consultation.

Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature.

1a. Composition and Methods — MR. COMFORT and MR. HOAG; MR. LESTER.

Written composition, public speaking, methods and techniques of college work.

2b. Types of English Literature — MR. SARGENT.

Introduction to the study and appreciation of literature through reading and analysis of significant works of drama, poetry, fiction, and expository prose.

4b. Intermediate Composition — MR. HOAG.

Practice in expository writing.

8b. The English Bible — MR. FLIGHT.

(See Biblical Literature 8b.)

11b. Shakespeare — MR. SARGENT.

Reading and study of twelve plays, with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

12a. Contemporary Drama — 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. Not restricted, but offered primarily for Sophomores.

[Not offered in 1945-46.]

14a. American Literature to the Civil War — MR. SPAETH.

American writers from Jonathan Edwards to Abraham Lincoln.

14b. American Literature from the Civil War to the Twentieth Century — MR. SPAETH.

American writers from Walt Whitman to Henry Adams.

21b. The Nineteenth-Century Novel in England — MR. LESTER.

The study of the novel as a literary form with special consideration of twelve principal novelists from Austen to Henry James.

22b. Nineteenth-Century Poets — MR. SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

[Not offered in 1945-46.]

23a. Elizabethan Literature — MR. SARGENT.

Chief writers of the English Renaissance, omitting Shakespeare. Prerequisite, *English 11b*.

26b. Eighteenth-Century Literature — MR. SNYDER.

The age of Johnson.

[Not offered in 1945-46.]

27a. Greek Literature in English — MR. POST.

(See Greek 27a.)

28b. Creative Writing — MR. SARGENT.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Juniors and Seniors.

30b. Chaucer — MR. SARGENT.

Brief account of Middle English; main emphasis upon literary qualities of *Troilus and Criseyde* and *The Canterbury Tales*.

32b. British and American Literature of the Twentieth Century — MR. SARGENT.

Fiction and verse by selected writers from Conrad and Crane to Auden and Hemingway. Prerequisite, *two term courses in English beyond the Freshman year*.

36b. Latin Literature in English — MR. LOCKWOOD.

(See Latin 36b.)

42b. Special Topics in Poetry — MR. SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Required of all English Majors. Apply in advance. Limited to twelve.

[Not offered in 1945-46.]

43a. Methods of Literary Scholarship — MR. SARGENT.

An introduction to the aims, problems, and methods of research in English literature by means of an advanced study of Shakespeare. Bi-weekly reports and one piece of original investigation. Required of all English Majors. Apply in advance. Limited to twelve.

44. Special Projects in English — MR. SARGENT.

Individual projects in reading, investigation, or creative writing. Weekly conferences with instructor. Projects must be mapped out and approved before permission is given to elect this course. Open only to Juniors and Seniors. May be carried more than one term for credit.

Courses 1a, 12a, and 44 were offered in the summer of 1945.

GEOGRAPHY AND GEOLOGY

1. Geography and Geology — MR. DUNN.

A discussion of the general principles of these sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

GERMAN

German 1, 2, 3, and 9a [10b] are primarily language courses. The remaining courses are devoted primarily to the history of German literature or to the intensive study of special periods or authors. The courses in literature are open to Juniors and Seniors, and to especially well qualified Sophomores.

Opportunity is given to students who complete German 1 or German 2 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

Major Requirements

German 3, 5a, 6b, 9a [10b], 11a, 12b, 13a, 14b, 15a.

Supporting courses to be arranged in conference with MR. KELLY.

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.

1. Elementary German — Five hours (three hours credit). MR. KELLY and MR. PFUND.

Grammar, conversation, and the reading of simple texts.

2. Intermediate German — Four hours (three hours credit). MR. KELLY and MR. PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. German is the language of the classroom. Scientific German may be chosen as collateral reading.

In the first semester of 1945-46 German 2b is offered for those who took German 2a in the summer session, and German 2a is offered for those who wish to begin at the usual time.

3. Advanced German — MR. PFUND.

Reading of standard works of German literature. Composition and Conversation. The collateral reading may be done in literary or scientific German. Prerequisite, *German 2 or the equivalent in school.*

5a. The Beginnings of Modern German Literature — MR. KELLY.

A study of Lessing and the early works of Goethe and Schiller. Hours to be arranged, first half-year. Prerequisite, *German 3.*

6b. The Classical Period of German Literature — MR. KELLY.

A study of the mature works of Goethe and Schiller. Hours to be arranged, second half-year. Prerequisite, *German 5a.*

9a or 10b. Advanced Composition and Conversation — MR. PFUND.

Prerequisite, *German 3 or the equivalent.*

11a. History of German Literature from its Origins to the Seventeenth Century — MR. PFUND.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports. Prerequisite, *German 3.*

12b. History of German Literature from the Seventeenth Century to the Present — MR. PFUND.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports. Prerequisite, *German 3.*

13a. German Romanticism — MR. KELLY.

A study of the Romantic movement in Germany and its relations to similar movements in England and France. Prerequisite, *German 3.*

14b. The German Drama of the Nineteenth Century — MR. KELLY.

15a. Faust — MR. PFUND.

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

17a. The Life and Works of Richard Wagner — MR. KELLY.

18b. German Lyric Poetry — MR. PFUND.

German 2a was offered in the summer of 1945.

GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students planning to enter public service, journalism, or the law.

Major Requirements

Government 3a, 4b, 17a, and 18b.

Any four other courses of one term each in Government.

Any four other courses of one term each in any of the social sciences.

A three-hour examination in political philosophy.

A four-hour examination in other courses taken in the Department of Government.

2b. Government and Economic Resources — MR. CHANDLER.

A study of the basic geographical factors which have influenced political policies, governmental institutions, and economic adjustments.

Open to all students.

3a. American Federal Government — MR. HERNDON.

A study of the origin and structure of the American Federal governmental system.

This course is intended primarily for Freshmen and Sophomores, and is a prerequisite for advanced courses in this Department.

4b. American Federal Administration — MR. HERNDON.

A study of the administrative methods, problems, and philosophies of the American Federal Government: a continuation of *Government 3a*.

Open only to students who have completed three terms.

5a. Contemporary Legislation — MR. HERNDON.

A study of the technique of legislation and an analysis of certain selected bills currently before Congress.

6b. American Constitutional Law — MR. HERNDON.

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence.

Open only to students who have completed one course in Government or American History.

8b. Government Finance — 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, *Government 3a* unless *Economics 1* has been passed or is being taken concurrently.

(Also called Economics 8b.)

10b. State and Local Government — MR. HERNDON.

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware, and Philadelphia Counties; Haverford and Lower Merion Townships.

11a. Government and Business — MR. TEAF.

(See Economics 11a.)

12b. United States Relations with Russia and the Far East — MR. CHANDLER.

Open to students who have Junior or Senior standing.

13a. American Foreign Policy — MR. HERNDON.

A study of the basic foreign policies which have evolved in the experience of the United States, and the adaptations which have been found necessary in recent times.

14a. International Organization — MR. HERNDON.

A study of the constitutional bases of the United Nations Organization, the League of Nations, the World Court, and the other principal international agencies of the years since 1919.

14b. United States Relations with Latin America — MR. CHANDLER.

Open to students who have Junior or Senior standing.

17a, 18b. The Development of Political Thought — MESSRS. CHANDLER, FOSS, HERNDON, POST, and STEERE.

(See Philosophy 17a, 18b.)

Students interested in taking certain courses in Politics offered by the Faculty of Bryn Mawr College should consult MR. HERNDON.

GREEK

Instruction in Greek aims to familiarize the student with the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought continue to be an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

Major Requirements

Greek 3a, 4b, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 27a, and History 13a.

Three additional courses to be arranged in conference with MR. POST.

If Greek 3a, 4b 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.

1. Elementary Greek — MR. POST.

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

2. Intermediate Greek — MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

3a, 4b. Advanced Intermediate Greek — MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

7a, 8b. Advanced Greek — MR. POST.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

9a, 10b. Advanced Greek — MR. POST.

A continuation of the work done in Greek 7a, 8b.

11a, 12b. Advanced Greek Prose Composition — MR. POST.

This course should be taken by all candidates for final honors in Greek.

27a. Greek Literature in English — MR. POST.

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.

(Also called English 27a.)

HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it helps to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as public administration, journalism, and the law.

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 1.

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

Four review examinations of three hours each.

1. English History — MR. LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course.

2. Foundations of the United States, 1492-1865 — MR. DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Elective for undergraduates who have been in residence two terms.

3. National Development of the United States, 1865 to the Present — 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. Elective for undergraduates who have been in residence two terms.

4. English Constitutional History — MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for undergraduates who have been in residence two terms.

5. Mediaeval History — MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for undergraduates who have been in residence two terms.

6. Modern European History — MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for undergraduates who have been in residence two terms.

7a. Ancient History of the Near East — MR. FLIGHT.

Elective for undergraduates who have been in residence two terms.
(See Biblical Literature 7a.)

10b. History of Europe, 1914-1939 — MR. LUNT.

Elective for undergraduates who have been in residence two terms.

13a. Greek History — MR. 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.

Elective for undergraduates who have been in residence two terms.

14b. Roman History — MR. COMFORT.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required.

Elective for undergraduates who have been in residence two terms.

HISTORY OF ART

The undergraduate courses in History of Art given at Bryn Mawr College are regularly open to Haverford students, who may also elect History of Art as their subject of Major Concentration. Haverford students may likewise do special work at Bryn Mawr for Honors in History of Art.

For description of courses, and for rules and regulations concerning Major Concentration and Honors work, see the current *Bryn Mawr College Calendar*. Students planning to study at Bryn Mawr College should consult the Dean of Haverford College.

HUMANISTIC STUDIES

1a, 2b — MR. POST.

This course is designed to introduce students to the life and literature of the Far East, through the use of translations, and to develop their mastery of a major field and of expository writing. G. Nye Steiger, *A History of the Far East*, is recommended for supplementary reading. Essays, weekly or biweekly, for discussion at individual meetings with the instructor. It may be taken as one or two half-courses in either half-year by a limited number of students who will be admitted only after a personal interview and only if there is still room for them when they apply to the instructor.

LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

Major Requirements

Four full-year courses in Latin (not including 1, 3, 5a, and 6b).

Two additional full-year courses in other departments, arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

1. Elementary Latin — MR. COMFORT.

Grammar, reading, composition. Prepares students for Latin 3.

3. Cicero — MR. COMFORT.

Orations of Cicero and readings in other prose authors.

5a, 6b. Vergil — MR. COMFORT.

Six books of Vergil's *Aeneid* and readings in other Roman poets.

7. Survey of Classical Roman Literature — MR. LOCKWOOD.

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

9a, 10b. Readings in Latin Literature — MR. LOCKWOOD and MR. COMFORT.

Individual work. Each student may select a field of writing which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

11. Survey of Medieval Latin Literature — MR. LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

13a or 14b. Advanced Prose Composition — MR. LOCKWOOD.

Either 13a or 14b is required of candidates for final honors.

17. Roman Law — MR. LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

36b. Latin Literature in English — MR. LOCKWOOD.

Lectures on Latin literature and civilization. Reading of Roman prose and verse, including some of the Christian writers. No knowledge of Latin is required.

(Also called English 36b.)

MATHEMATICS

Freshman Mathematics is designed to provide that background of trigonometry, algebra, and analytic geometry which is necessary for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in Mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take Mathematics 2 and, in many cases, Mathematics 3 and Mathematics 11a.

(2) Students, such as economists and biologists, who need statistics in their major fields and who should take Mathematics 13a and 14b.

The Department Major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

Major Requirements

Mathematics 1, 2, 3, 7a, 8a, 9b, 10b, 11a, and 16b.

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 of candidates for final honors.

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

1. Freshman Mathematics — Four hours. MR. ALLENDOERFER and MR. HOLMES.

First semester—*Plane Trigonometry*, including logarithms and the solution of triangles. *Topics in College Algebra*, including complex numbers, combinations and permutations, determinants, and the elements of the theory of equations.

Second semester—Analytic Geometry. General methods in the plane with applications to conic sections and other curves. Introduction to the geometry of three dimensions.

Freshmen with superior preparation are invited to discuss with the Department the possibility of their taking *Mathematics 7a, 9b*, or in rare cases *Mathematics 2*, in place of *Mathematics 1*.

2. Calculus — MR. OAKLEY.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the Department.

3. Advanced Calculus and Differential Equations — MR. OAKLEY.

Prerequisite, *Mathematics 2*.

7a. Theory of Equations — MR. ALLENDOERFER.

Advanced theory of equations, determinants, matrices. Open to specially well qualified Freshmen in place of *Mathematics 1a*. Otherwise, prerequisite, *Mathematics 1a*.

8a. Advanced Algebra — MR. ALLENDOERFER.

Introduction to number theory and modern abstract algebra. Prerequisites, *Mathematics 2, 7a*.

[Offered on request to Majors only.]

9b. Plane and Solid Analytic Geometry — MR. ALLENDOERFER.

Review of plane analytic geometry followed by solid analytic geometry. Open to Freshmen with a knowledge of analytic geometry in place of *Mathematics 1b*. Otherwise, prerequisite, *Mathematics 1b*.

10b. Introduction to Higher Geometry — MR. ALLENDOERFER.

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometrics, including the standard non-Euclidean cases. Prerequisites, *Mathematics 2, 9b*.

[Offered on request to Majors only.]

11a. Partial Differential Equations and Fourier Series — MR. OAKLEY.

Problem course, with many applications to Chemistry, Engineering, and Physics. Prerequisite, *Mathematics 3*.

13b. Introduction to Statistics — MR. OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 per semester is charged.

14a. Advanced Statistics, Elementary Probabilities, and Finite Differences — MR. OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *13b*.

15a or 16b. Special Topics — MR. OAKLEY, MR. ALLENDOERFER, and MR. GREEN.

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit.

19a. Mechanics — MR. SUTTON.

(See Physics 9a.)

Mathematics 1 and 3a were offered in the summer of 1945.

MUSIC

In addition to a considerable collection of musical scores and books in the general library, the special equipment of the Music Department consists of a collection of phonograph records, scores, and books presented in 1933 by the Carnegie Corporation and amplified by yearly accessions to double its original size (ca. 1600 records), several pianos, and a Hammond organ.

The Alfred Percival Smith Rooms in the Haverford Union consist of a larger room for the holding of classes and informal concerts and a small room for study, in which valuable books, scores, and records are kept. A special student is in charge of these quarters. He supervises the playing of records to students and faculty and is responsible for the maintenance of the rooms exclusively for study purposes.

The big concerts are held in Roberts Hall, where a concert grand Steinway will be available.

Major Requirements

Three full-year courses in Music and three full-year (or six half-year) courses in related fields such as History of Art; German 17a; English 23a; Physics 12b; History 5, 6; or other courses in Music. These courses are to be arranged in conference with the professor in charge.

A comprehensive examination in two parts:

(1) The History of Music. Candidates will be expected to show a knowledge of all styles from the mediaeval chants to the romantic era, as well as a special knowledge (acquaintance with sources) of one particular period, preferably anterior to 1600 A.D.

(2) Musical Composition. Candidates will be expected to submit compositions involving three and four part writing for voices (in free counterpoint) and instrumental scoring for an orchestral ensemble of the classical type.

1. Foundations of Music — MR. SWAN.

The initial course in Music begins with the study of the fundamental musical senses (scales, intervals, harmony, tonality, etc.) which the student may apply in his own practice of composition. Analyses of form are made and the styles of various epochs and schools are studied later. Through this study of the musical language a perception of the creations of Palestrina, Bach, Mozart, Beethoven, etc., is attempted. No technical prerequisites.

Texts: Morris, *Foundations of Practical Harmony and Counterpoint*.

Morris, *Contrapuntal Technique of the Sixteenth Century*.

Medtner, *The Muse and the Fashion*.

2. The Main Periods of Music History from the Renaissance to the Nineteenth Century — MR. SWAN.

A more penetrating study of the successive styles in music. Analysis of motets, madrigals, concerti, sonatas, and symphonies.

3. Musical Craftsmanship — MR. SWAN.

Intended for students who wish to attempt composition on a larger scale: a *cappella* writing in three and four parts, chorale harmonizations, dance forms. Prerequisite, *Music 1*.

4. Instrumentation (in combination with the Departments of Physics and Psychology) — MR. PEPINSKY.

A study of the orchestral instruments from the point of view of their tone-color and tone-production, their idiosyncrasies and limitations, and the effects of combination in ensemble. An intimate study of the scores of master works will be made. A knowledge of harmony and performance on a musical instrument is prerequisite. Text: Forsythe, *Orchestration*, The Macmillan Co.

20a. Music History to the End of the Sixteenth Century — MR. SWAN.

A required course for Music Majors. The study of the available sources from the *Ars Antiqua* to the last Netherlanders. Playing of a *cappella* scores at the piano. Reading of Bessler's *Musik des Mittelalters und der Renaissance* and Ludwig's edition of the works of Machaut. (Knowledge of German very useful.)

21a. Advanced Musical Composition — MR. SWAN.

A required course for Music Majors. Includes composition in sonata form.

22a. Advanced Orchestration (by arrangement with the University of Pennsylvania).

PHILOSOPHY

The courses in Philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical and political discussions.

Major Requirements

Psychology 1a; Philosophy 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

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, or Psychology.

3a. Introduction to Philosophy — MR. FOSS.

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. *Philosophy 3a* is recommended but not required.

5. History of Philosophy — MR. FOSS and MR. STEERE.

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.

7a. Ethics — MR. STEERE.

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.

9a. Classics of Religious Literature — 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*; Theresa of Avila, *Autobiography*; Francis de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

[Not offered in 1945-46; to be offered in 1946-47.]

10b. Nineteenth Century Thinkers — MR. STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson.

11b. Logic — MR. FOSS.

The principles of valid inference and their application to reasoning in every-day 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.

12b. Philosophy of Science — MR. FOSS.

This course, designed for students with a general cultural interest as well as for those specializing in some one of the sciences, aims at an understanding of the nature of scientific knowledge, the logical methods of science, and the structure of scientific systems. The course will aid students of the special sciences in appreciating the manner in which the work of their own field expresses man's scientific interest and contributes to the scientific world-view. Basic concepts such as induction, causation, probability, measurement, explanation, prediction, and verification are analyzed.

[Not offered in 1945-46.]

15a. History and Philosophy of Quakerism — MR. BRINTON.

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.

[Not to be offered in 1946-47.]

17a, 18b. The Development of Political Thought — MESSRS. CHANDLER, FOSS, HERNDON, POST, and STEERE.

A seminar course based upon the writings of selected political philosophers from Plato to the present day.

(Also called Government 17a, 18b.)

21. Philosophical Seminar — 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 graduates.

Philosophy 3a and 21 were offered in the summer of 1945.

PHYSICAL EDUCATION

The College equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a 440-yard oval and a 220-yard eight-lane straightway cinder track; the Class of 1888 and Merion Fields for association (soccer) football, both of which are used for baseball 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.

The Gymnasium floor, sixty by ninety feet, is used for basketball and intramural sports. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable lounging room. The basement contains dressing rooms, a number of well-ventilated lockers, shower baths, a pool, a wrestling room, and storage room for athletic equipment. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required for Freshmen; Course 2, for Sophomores; Course 3, for Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. All accelerated summer students must participate in some activity.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, BRAMALL, and MULLAN.

A course of elementary instruction in athletic games including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the second and third quarters.

2. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, BRAMALL, and MULLAN.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, BRAMALL, and MULLAN.

A course, almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

The introductory courses are Physics 1 and 2. The first of these covers elementary physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. Physics 2 is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools. With special permission, Physics 1 may be counted as the required prerequisite for admission to the more advanced courses.

Students intending to specialize in physics, chemistry, or medicine should also elect Physics 3.

Physics 1, 2, 3, and 13 are offered annually. Other courses are offered according to demand.

Major Requirements

Physics 2, 13, and two courses of two terms each from Physics 3, 4b, 5a, 7a, 8b, 9a, 10b, 11a, 12b, 15a, 16b.

History of Physics (collateral reading).

Mathematics 3, and one or one-and-one-half courses from Chemistry 1a, 2a or 2b, 3b; Engineering 13a, 14b, 23a, 24b; Astronomy 1a, 5a, 6b, or additional mathematics or chemistry.

A comprehensive examination based upon above-mentioned courses.

1. Introductory Physics — Four hours. MR. BENHAM.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, the solution of problems and simple laboratory experiments, and how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. Text: Black, *An Introductory Course in College Physics*. A fee of \$7.50 per semester is charged.

2. General Physics — Four hours. MR. SUTTON.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Mendenhall, Eve, Keys, and Sutton, *College Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

3. Atomic Physics — MR. SUTTON.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*. A fee of \$7.50 per semester is charged.

4b. Spectroscopy — MR. SUTTON.

Lectures, readings, and experiments on spectroscopy and atomic structure, giving emphasis upon the underlying theory and offering acquaintance with the laboratory methods involved. A fee of \$7.50 per semester is charged.

5a. Transmission Systems — MR. BENHAM.

Lectures, class discussions, and occasional experiments on the theory and practice of networks. The course covers reduction and transformation of complex impedance and resistance networks, resonance in electrical circuits, transmission lines, filters, coupled circuits, equalizers, and bridge circuits. Text: W. L. Everitt, *Communication Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*. Laboratory fee, \$7.50 per semester.

7a. Electricity and Magnetism — MR. BENHAM.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electromagnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*. Fee, \$7.50 per semester.

8b. Intermediate Radio Communication — MR. BENHAM.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 7a*. A fee of \$7.50 per semester is charged.

9a. Mechanics — MR. SUTTON.

Analytical mechanics treating the statics, kinematics, and dynamics of particles and rigid bodies. Lectures and problems on the application of calculus and vector methods to mechanical systems including a brief treatment of Lagrange's equations and the special theory of relativity. Text: Synge and Griffith, *Principles of Mechanics*. Prerequisites: *Physics 2* and *Mathematics 3* (or *Mathematics 3* may be taken concurrently). No fee.

(Also called Mathematics 19a.)

10b. Introduction to Mathematical Physics — MR. SUTTON.

Lectures and problems on selected topics in mathematical physics, such as hydrodynamics, thermodynamics, kinetic theory, wave motion, theory of electric fields, etc. Textbook: Page, *Introduction to Theoretical Physics*. This course and *Physics 9a* are complementary courses affording one full year in theoretical physics, but a student may elect either half. Prerequisites, *Physics 2* and *Mathematics 3* (or *Mathematics 3* may be taken concurrently). No fee.

11a. Optics and Photography — MR. SUTTON.

A study of the principles of physical optics with special reference to photography followed by a systematic study of the photographic process. Laboratory work includes both measurements in optics and photographic dark-room manipulations. Text: Mack and Martin, *The Photographic Process*. Prerequisite, *Physics 1* or *2*. A fee of \$7.50 per semester is charged.

12b. Sound — Second semester. MR. BENHAM OR MR. PEPINSKY.

A course of lectures, readings, and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisites, *Physics 2* and *Mathematics 2*. Fee, \$7.50 per semester.

13. Physics Seminar — MR. SUTTON AND MR. BENHAM.

Advanced students in physics or other fields of science and mathematics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. Fee, \$10.00 per semester.

14b. Communications — MR. BENHAM.

An introduction to such subjects as telephone, telegraph, teletype, and facsimile (picture transmission) is given. Also, a major part of the work is devoted to learning the Continental Morse code. Laboratory periods are spent in practicing receiving and sending the code under the guidance of the instructor. Supplementary reading and code practice are required. Prerequisite, *Physics 1* or *high school physics*. Laboratory fee, \$4.00 per semester.

15a. Electronics — MR. BENHAM.

This course includes material introductory to electron theory, study and application of vacuum-tubes, and problems pertaining to design and analysis of typical circuits employing the vacuum-tube. Laboratory experiments are designed to give the student experience in the handling of apparatus in which the vacuum-tube is used. Prerequisite, *Physics 2*. Laboratory fee, \$7.50 per semester.

(Also called Engineering 17a.)

16b. Advanced Radio — MR. BENHAM.

This course takes up the design and operation of such apparatus as radio transmitters, receivers, cathode-ray oscillograph, frequency modulated transmitters, television. Laboratory periods are intended to give the student experience in handling, receiving, and transmitting equipment. Prerequisite, *Physics 15a* or *8b*. Laboratory fee, \$7.50 per semester.

Physics 1a and 8b were offered in the summer of 1945.

PSYCHOLOGY

Courses in Psychology have for their goal the understanding and prediction of human behavior. The elementary course is designed especially for the premedical student, but covers the needs also of the student of philosophy and the social sciences and those expecting to assume executive positions.

1. Elementary Psychology — MR. PEPINSKY.

A course of three demonstration lecture periods and one laboratory a week to illustrate such topics as the nervous system and level of brain functioning, motivation of behavior, likes, ways of learning, remembering, and inventing. Elective for undergraduates who have been in residence two terms. Laboratory fee, \$5 per semester.

Section 1: First semester only. For students who take Psychology 1a to meet the requirements of a Philosophy Major.

Section 2: For students who take the full course (both semesters) as a prerequisite to further work in the Psychology Department.

2b. Advanced Psychology — MR. STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Psychology 1*.

3. Special Topics in Psychology — MR. PEPINSKY.

A seminar for special work in some restricted field of psychology for students who have had two semesters of Elementary Psychology and Advanced Psychology. Open only by permission of the instructor.

ROMANCE LANGUAGES

The preliminary objective of instruction in the Romance Languages is the cultivation of fluent and accurate command of the contemporary idiom, both written and oral. Exceptional opportunities for developing oral facility in French, Spanish, Italian, and German are afforded by residence in the Language House.

Study of the national literatures of France, Spain, and Italy presupposes more than elementary facility in conversation and composition. Admission to literature courses is therefore contingent upon the consent of the instructor, which will not ordinarily be granted earlier than the completion of at least French 3 or Spanish 2 or Italian 1, or their equivalents. Admission of all new students to all French and Spanish courses, except French 1 and Spanish 1, is contingent upon placement examinations administered by the Department prior to the opening of such courses, on a date to be announced.

The Department of Romance Languages offers Major Programs in French and in Spanish.

FRENCH

Major Requirements

Four full French courses, except French 1 or 2.

Modern European History.

Supporting courses selected from the Latin, German, Spanish, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

A written and oral comprehensive examination on the language, literature, and history of France.

1. Elementary French* — MR. COMFORT and MRS. COMFORT.

Oral and written introduction to the French language.

2. Intermediate French* — MR. WYLIE.

Preparation for French 3; for students presenting the equivalent of French 1 at entrance.

3. Introduction to French Civilization — MR. WYLIE.

Geographic, cultural, and historical background of French literature; lectures, reading, discussion, written reports, and *explication de textes*.

4. Advanced French Conversation and Composition — MR. WYLIE.

Normal prerequisites are French 3 and a course in French literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

[Not offered in 1945-46.]

16b. French Literature through the Sixteenth Century — MR. WYLIE.

Lectures with collateral reading and reports on the history of early French literature.

[Not offered in 1945-46.]

*These courses meet six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

17a. French Literature of the Seventeenth Century — MR. WYLIE.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.

[Not offered in 1945-46.]

18b. French Literature of the Eighteenth Century — MR. WYLIE.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.

[Not offered in 1945-46.]

19a. Romanticism and Realism — MR. WYLIE.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures from 1800 to 1860.

19b. Modern French Literature — MR. WYLIE.

From Baudelaire to Aragon.

SPANISH

Major Requirements

Four full Spanish courses, except Spanish 1 or 2.

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

Supporting courses selected from the Latin, French, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

Written and oral comprehensive examinations.

1. Elementary Spanish* — MR. ASENSIO and MRS. ASENSIO.

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

2. Intermediate Spanish* — MR. ASENSIO.

Review of grammar, with written and oral exercises; composition, reading, and conversation.

3. Introduction to Hispanic Civilization — MR. ASENSIO.

Geographic, cultural, historical, and economic background of the Iberian Peninsula and Latin America, with emphasis on Hispanic contributions to civilization; lectures, reading, written and oral reports.

4. Advanced Spanish — MR. ASENSIO.

Training in idiomatic Spanish; conversation and composition; collateral reading.

5a. Introduction to Spanish Literature — MR. ASENSIO.

A survey of Spanish literature from the beginnings to the Golden Age: lectures; written and oral reports.

6b. Introduction to Spanish Literature — MR. ASENSIO.

A survey of Spanish literature from the Golden Age to modern times: lectures; written and oral reports.

7a. Introduction to Latin-American Literature — MR. ASENSIO.

A survey of Latin-American literature from the Colonial period to modern times: lectures; written and oral reports.

8b. Spanish Literature of the Golden Age — MR. ASENSIO.

Cervantes, Lope de Vega, Tirso de Molina, Calderón: lectures; written and oral reports.

9a or 10b. Special Topics in Spanish Literature — MR. ASENSIO.

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

*These courses meet five hours per week, with corresponding reduction in outside preparation; 3 hours credit.

ITALIAN

1. Elementary Italian.

Oral and written introduction to the Italian language. Not open to Freshmen.
[Not offered in 1945-46.]

2. Readings in Italian Literature.

The *Divina Commedia* and other Italian classics.
[Not offered in 1945-46.]

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence, sociology as the "science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Psychology 1, Psychology 2b, Government 3a, Economics 1, and Mathematics 13b, in consultation with the Major Supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

For graduate students majoring in Sociology, Mathematics 13b (Introduction to Statistics) and Mathematics 14a (Advanced Statistics) may be counted as courses in Sociology.

1a. An Introduction to Sociology — MR. WATSON.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Criminology — MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology, including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a*.

4b. Ethnic Relations — MR. WATSON.

A study of "racial" and cultural factors in American communities. Special attention will be paid to the Negro, the American-born Japanese, the American Indian, and other minority groups. The particular cultural contributions of various minority groups are explored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a*.

5a. Labor Relations — MR. WATSON.

A study of basic labor problems, such as wages, hours, and unemployment, together with an examination of the efforts of unions and the Government to

find solutions through collective bargaining and labor legislation. Special emphasis is placed on methods of resolving industrial conflict. Prerequisite, *Economics I* and *Sociology Ia*.

(Also called Economics 5a.)

6b. Management and Industrial Relations — MR. WATSON.

A study of business administration and organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys the movement for "scientific management." It includes an analysis of the nature, objects, and technique of labor management, employee representation, and union-management cooperation. Prerequisite, *Economics I* and *Sociology Ia*.

(Also called Economics 6b.)

7a. Seminar in Social Science Research — MR. WATSON.

The seminar aims to acquaint the student with the general methods of research in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classes limited to men majoring in one of the social sciences. Prerequisite, *one two-term course or two one-term courses in any of the social sciences.*

8b. Problems of the Modern Family — MR. WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of husband-wife, parent-child, and family-community relationships. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upperclassmen or graduate students. Apply in advance. Prerequisite, *Sociology Ia*.

GRADUATE TRAINING IN RECONSTRUCTION AND RELIEF

The *Reconstruction and Relief Course* came to an end in December, 1945. For full details of the program see the Haverford College Catalog for 1944-45, pp. 31 and 87-89.

GENERAL INFORMATION

THE LIBRARY

The Haverford College Library, located near the center of the campus, illustrates the steady growth of the College in facilities for study and research. The original building, constructed in 1860, now forms the north wing of the Library. To this first structure four successive additions have been made. The last two of these, a commodious Stack and a Treasure Room, were dedicated in April, 1941. The Mary Newlin Smith Memorial Garden adjoins the south side of the Library building.

The Haverford Library collection now contains about 167,000 volumes. Over four hundred literary and scientific periodicals are taken. Library endowments provide six thousand dollars yearly for the purchase of books. The Library is also a depository of government publications.

With the exception of certain rare books, all volumes in the Library are freely accessible to readers. Though designed especially for the use of officers and students of the College, the Library affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The Library is open on week days from 8:00 A.M. to 10:00 P.M., and on Sundays from 1:30 to 10:00 P.M. Special hours are arranged for vacation periods.

The Gummere-Morley Memorial Reading Room, decorated and equipped by the Class of 1892, provides a special reading and browsing room for Haverford students.

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9 to 12).

Special Collections. The Quaker collection, containing both books and manuscripts, is probably the most complete in America. It forms a central repository for Friends' literature in this country, and makes Haverford a prime source for the study of the Society of Friends.

The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred 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 not only autograph letters of authors, statesmen, scientists, ecclesiastics, monarchs, and others, but 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 100 authors are represented.

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.

Cooperative Services. 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 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 a 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. Enquiries should be addressed to The Librarian, Haverford College.

ART COLLECTION

The Haverford Art Collection, including paintings and drawings by Pintorrichio, Whistler, Inness, Sargent, and Turner, is displayed in the Library.

LECTURES

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."

Other lectures sponsored by departments in the College, especially that of Government, are offered at various times throughout the year. Most of these are open to the public.

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 citizens for such an order, maintains its office in the Haverford Union. It has sponsored the Constructive Citizenship program, in cooperation with Bryn Mawr and Swarthmore Colleges, which has provided training in the U. S. Employment Service for students of Haverford, Bryn Mawr, and Swarthmore.

THE MORRIS INFIRMARY

The Morris 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 physician and a 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.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the Infirmary, will be at the expense of the student. For residence in the Infirmary beyond the limit of one week the charge is \$5 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard is the resident nurse.

HEALTH PROGRAM

Under the Health Program at Haverford College the following services are available without additional charge:

Physical examination on entrance.

Unlimited ambulatory dispensary care at specified hours, with emergency dispensary care at any time by the College Physician and the College Nurse.

Infirmary care at no extra cost for a period not to exceed 7 days in any single college year. After 7 days a charge of \$5 per day will

be made. This charge will include the continued service of the College Physician and the College Nurse.

Routine laboratory examinations.

Ordinary X-ray photos necessary for diagnosis in connection with injuries. This item does not include X-ray examination for sub-acute conditions, such as those of the sinuses, gastro-intestinal tract, the lungs, etc.

Minor surgical treatment as indicated for acute infection, simple fractures, dislocations, etc.

The Health Service does not cover the routine X-ray chest examination required of all entering students, but the College is normally able to arrange to have this done at a minimum cost on one day each fall. If the student is not able to take advantage of this arrangement, it is his responsibility to supply the College before Christmas vacation with a satisfactory reading of chest X-rays.

The Health Service does not cover diagnostic examination by outside specialists. The College will assist in making arrangements for such examination, including optical and dental work, surgery, special nursing, etc.; but the cost is the responsibility of the student. Hospitalization elsewhere than in the Infirmary, or medical care by others than by the College Physician, is also excluded from the benefits of the Health Service.

THE CAMPUS CLUB

A group of alumni and friends of the College, who are interested in preserving and improving the natural beauty of the campus, is organized as The Campus Club. The planning is done by an executive committee which meets biannually for the purpose of laying out new projects. The Arboretum and the Woolman Walk were developed and are maintained by The Campus Club.

OFFICIAL PUBLICATIONS

The College publishes annually the Haverford College Catalog, the President's Report, the Treasurer's Report, the Report of the Librarian, publications of the Faculty, and the College Directory.

SCHOLARSHIPS

Scholarships are of two kinds: competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

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 college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1946-1947, together with supporting letters from parents or guardians, should be in the hands of the President before Tuesday, April 2, 1946.

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. In the majority of cases the College expects work from scholarship students amounting proportionately to the value of each scholarship.

I. *Corporation Scholarships*.—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 22) to those candidates entering by any plan of admission, who are judged to be best prepared to do the work of the College. Corporation scholarships are \$100.00 for the summer term and \$150.00 for the fall and spring terms, respectively.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships, normally \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship, normally of the annual value of \$225, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships* normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually 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.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This scholarship of \$200 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.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—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."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. 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.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergrad-

uates of Haverford College. Awards based upon fulfilment 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.

XX. *Class of 1917 Scholarship*.—One scholarship of the annual value of about \$150. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship*.—A scholarship in the sum of \$500 will be available to a Public School graduate in this general area who may enter Haverford.

XXII. *Daniel B. Smith Fund for Scholarships*.—Founded October 6, 1943, by gift of \$2500 from Anna Wharton Wood of Waltham, Massachusetts. This will be increased by a bequest of \$2500 made by Miss Esther Morton Smith of Germantown, Philadelphia, who died March 18, 1942.

"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.

XXIII. *Sarah Tatum Hilles Memorial Scholarship Fund*.—Founded November 1, 1943, by bequest of \$75,534.58 from Joseph T. Hilles, 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 upon "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.'"

XXIV. *Elihu Grant Memorial Scholarship Fund*.—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 postgraduate degree at Haverford College. Two scholarships of \$300 each are available.

Most of the scholarships listed above are permanent foundations. In addition, the alumni in various districts support regional scholarships.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 37.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, before May 1.

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 Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 for excellence in composition and oratory.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING
IN LITERATURE

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 period or comprehensive topic in the field of literature (ancient, American, or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Fellowships and Prizes, with which the candidate shall register

and which shall approve the subject chosen. The Committee will then recommend the candidate to the department or departments to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898, on the twenty-fifth anniversary of their graduation, established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and 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 the science. This prize 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 may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the Department.

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 on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

A prize of \$40, open to all undergraduates and to graduates of not more than three years' standing, is offered every year for the

best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1945-46 competition the following subjects are offered:

1. The relationship between atomic energy and international peace.
2. A critical evaluation of the contributions of the United Nations Organization to international peace.
3. Race Relations and World Peace.
4. Universal peace-time conscription and world peace.
5. The implications of extensive programs of relief and rehabilitation for international peace.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays for this prize submitted by undergraduates may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in Philosophy in connection with the courses in that Department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given 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

Two prizes of \$15 and \$10, respectively, 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 not later than May 1. The judges shall be appointed by the President of the College.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Fellowships and Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered 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 for competition in the Department of History under the following general provisions:

First—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.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

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 col-

lection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited, under an assumed name, with the Registrar before May 1.

For the competition of 1945-46 the following subjects are submitted:

1. The development of the English Church during the Reign of Henry VIII.
2. German Reparations, 1919-1933.
3. Southern Arguments in Defense of Slavery after 1830.
4. The Relations between the United States and Japan from 1921 to 1941.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) 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

The William Ellis Scull Prize (\$50) will be awarded annually to the upperclassman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 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 expect to engage in research, and it will not be awarded unless the candidate has this intention.

THE NATIONAL FOUNDATION FOR EDUCATION IN
AMERICAN CITIZENSHIP PRIZE

A cash prize of \$100 for the best essay by a Haverford undergraduate on the subject of "The Basic Principles Underlying the Government of the United States" is offered by the National Foundation for Education in American Citizenship. The essay shall be typewritten, shall not exceed five thousand words, and must be deposited, under an assumed name, with the Registrar before May 1. Accelerating Seniors are eligible for this competition and may submit their essays within one year after leaving College.

DEGREES, PRIZES, AND HONORS GRANTED IN 1944-1945

DEGREES

The following degrees were conferred on Commencement Day,
January 27, 1945:

BACHELORS OF ARTS

KENT FRANKE BALLS, 1945	RUTH ANTOINETTE DRISCOLL, 1945
JOHN HOWARD BENGE, 1945	RICHARD WILLIAM NORTON, JR., 1944
MURDOCK STEARNS BOWMAN, 1943	ROBERT GILMORE PONTIUS, 1945
ROBERT PAUL DELONG, 1945	EDMUND PRESTON, III, 1945
PAUL HENRY DOMINCOVICH, 1945	JOHN WALKER STUART, 1945

BACHELORS OF SCIENCE

FRANCIS EVARTS FAIRMAN, III, 1945	WILLIAM ROBERT McSHANE, 1944
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The following degrees were conferred on Commencement Day,
June 2, 1945:

DOCTOR OF SCIENCE

HENRY SHOEMAKER CONARD, 1894

MASTERS OF ARTS

SYDNEY THOMSON BROWN (B.A., Smith, 1943)

Thesis: "American Newcomers: A study of recent European refugees and of the refugee service agencies in New York City."

FAY GILKEY CALKINS (B.A., Oberlin, 1943)

Thesis: "Colonia Santa Rosa, Mexico: Organization and Administration of a Polish Refugee Camp" (In collaboration with Miss Laurama Page).

SARAH COMFORT CARY (A.B., Vassar, 1940)

Thesis: "Formal Education in Germany: Retrospect and Prospect."

HELEN JOY FOWLE (B.A., Wellesley, 1943)

Thesis: "Sleighton Farm Training for Life: A Study in Juvenile Rehabilitation."

ELIZABETH BROSIUS GARRISON (A.B., Swarthmore, 1938)

Thesis: "The Resettlement of Japanese-Americans in the Philadelphia Area."

ANNETTE ROBERTS JONES (B.A., Wellesley, 1941)

(M.Ed., Winnetka, 1942)

Thesis: "Jewish Resettlement in Palestine."

LAURAMA PAGE (B.A., Swarthmore, 1943)

Thesis: "Colonia Santa Rosa, Mexico: Organization and Administration of a Polish Refugee Camp" (In collaboration with Miss Fay Calkins).

LOIS VIRGINIA PLUMB (B.A., Wilson College, 1943)

Thesis: "A Program for the Employment of Youth in Farm Labor, 1942-1945."

JEAN ADELE WEHMEYER (B.A., Smith, 1943)

Thesis: "Some of the Social and Psychological Problems of Camp Management as illustrated in the Japanese Relocation Centers."

MARY ESTHER WILLIAMS (B.A., Vassar, 1943)

Thesis: "A Study of Principles and Operations of Federal Migratory Labor Camps in the United States."

BACHELORS OF ARTS

JOHN POST BEARDSLEY, 1945	THEODORE MARTIN HILTNER, 1946
ANGUS MALCOLM CAMERON, 1946	JAMES SEWELL HUTCHINS, JR., 1945
LEWIS EDWARD COFFIN, 1946	JOHN KELWAY LIBBY, 1946
EDWARD MARSHALL COOK, JR., 1946	DAVID EUGENE LONG, 1946
ROBERT CROCKER GOOD, 1946	PHILIP CARL MANN, 2ND, 1945
EARL WESLEY GREGSON, 1945	PHILIP FLETCHER MCLELLAN, 1945
THEOPHILUS JOHN HERTER, 1945	THOMAS JOSEPH RYAN, JR., 1946

The following degrees were conferred on Commencement Day, August 24, 1945:

MASTERS OF ARTS

ANNA MARGARET ATKINSON (A.B., Brown, 1942)	<i>Thesis:</i> "The High School Age Group in the War Relocation Centers, Their Program and Activities."
MARY BARCLAY (A.B., Middlebury, 1943)	<i>Thesis:</i> "Volunteer Work Communities in Postwar Europe."
MARIA LUISA GILDEMEISTER (B.A., Haverford, February, 1944)	<i>Thesis:</i> "American Relief and Reconstruction Work in Austria, 1918-1923."
ARTHUR WALDEN PALMER, JR. (B.A., Amherst, 1942)	<i>Thesis:</i> "A Biographical Index to the Barrett-Browning Love Letters."

MASTER OF SCIENCE

THOMAS ALONZO BENHAM (B.S., Haverford, 1938)	<i>Thesis:</i> Part One—"Theory and Application of Bessel Functions." Part Two—"High Frequency Demonstration Experiments."
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BACHELORS OF ARTS

FREDERICK HENRY BARTLETT, JR., 1946	SHELDON HARLEY GROSS, 1946
THOMAS MORRISON BIRDSALL, 1946	HOWARD TENBROEK LUTZ, 1943
WILLIAM HUSTON CHARTENER, 1946	JAMES FENNINGER MUMMA, 1946

BACHELORS OF SCIENCE

DONALD BABBITT MCNEILL, 1946	GEORGE MONTGOMERY, JR., 1946
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PRIZE FELLOWSHIPS AND SCHOLARSHIPS

(for graduate study at another institution)

CLEMENTINE COPE FELLOWSHIPS FOR 1944-1945

DAVID EUGENE LONG, 1946	MASAMORI KOJIMA, 1945
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CORPORATION SCHOLARSHIPS FOR THE SUMMER TERM, 1945
(Award Made on the Basis of Semesters Completed)

7 Semesters

WILLIAM HUSTON CHARTENER

5-6 Semesters

JULIUS KATCHEN

3-4 Semesters

JAMES FOWLER ADAMS, JR.

WILLIAM HAMILTON HARRIS

1-2 Semesters

DAVID EDWARD THOMAS

JUDSON LAMOURE IHRIG

Entering Class

GEORGE ELSON RUFF, JR.

CORPORATION SCHOLARSHIPS FOR THE FALL TERM, 1945-1946

	7-8 Semesters
ROBERTO PABLO PAYRÓ	JULIUS KATCHEN
	5-6 Semesters
JAMES FOWLER ADAMS, JR.	ALAN SPENCER ROGERS
	3-4 Semesters
WILLIAM HAMILTON HARRIS	MONROE EDWARD ALENICK
	1-2 Semesters
RICHARD ARDEN COUCH	JAMES BABBITT HASTINGS
	Entering Class
STEPHEN RABEN MILLER	PAUL SHERWOOD KELLY

PRIZES

The Class of 1896 Prize in Mathematics (\$10 in books) for Sophomores

IAN HUEBSCH, 1947

The Class of 1902 Prize in Latin (\$10 in books) for Freshmen

ALAN MARK LEVENSOHN, 1948

The Mathematics Department Prize (\$15) for Freshmen

HAROLD FREDERICK VEDOVA, 1948

The Elizabeth P. Smith Prize (\$20) for the best essay on international peace

ROBERT BARLOW, 1948

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course

First Prize (\$50)—PHILIP CARL MANN, 2ND, 1945

Second Prize (\$45)—PAUL HENRY DOMINOVICH, 1945

The Class of 1910 Poetry Prizes (\$25) for the best verse written by a Haverford undergraduate during the year

First Prize (\$15)—JAMES DONALD WALTERS, 1947

Second Prize (\$10)—ALFRED DURANT GROSSMAN, 1948

The Founders Club Prize (\$25) for the Freshman who has shown the best attitude toward college activities and scholastic work

WILLIAM PIERSON BARKER, II, 1948

The S. P. Lippincott Prize in History (\$100) for Sophomores, Juniors, and Seniors

RICHARD D. RIVERS, 1947

The William Ellis Scull Prize (\$50) for the upperclassman who shall have shown the "greatest achievement in voice and the articulation of the English Language"

JOHN POST BEARDSLEY, 1945

The National Foundation for Education in American Citizenship Prize (\$100) for the best essay on "The Basic Principles Underlying the Government of the United States"

JAMES DONALD WALTERS, 1947

HONOR SOCIETIES

The following students have been elected to the
PHI BETA KAPPA SOCIETY

- | | |
|-------------------------|------------------------------------|
| MASAMORI KOJIMA, 1945 | LEWIS EDWARD COFFIN, 1946 |
| DAVID EUGENE LONG, 1946 | EDWARD BURROUGHS IRVING, Jr., 1944 |

The following students have been elected to the
FOUNDERS CLUB

for merit in both studies and college activities

1944

- | | |
|----------------------------|--------------------------|
| THOMAS PATON GOODMAN, 1946 | JOSEPH STOKES, III, 1946 |
| WALTER YONEO KATO, 1946 | JAMES BOYER WRIGHT, 1945 |
| DAVID EUGENE LONG, 1946 | |

1945

- | | |
|------------------------------|--------------------------------|
| LEWIS EDWARD COFFIN, 1946 | MASAMORI KOJIMA, 1945 |
| PAUL HENRY DOMINCOVICH, 1945 | RICHARD D. RIVERS, 1947 |
| ROBERT CROCKER GOOD, 1946 | LAWRENCE D. STEEFEL, Jr., 1947 |
| JULIUS KATCHEN, 1947 | |

The following students have been elected to
TAU KAPPA ALPHA

National Honorary Debating Fraternity

1944

- DANIEL BARD THOMPSON, 1948

1945

- | | |
|-----------------------------|----------------------|
| TIMOTHY BREED ATKESON, 1948 | JULIUS KATCHEN, 1947 |
| ROBERT PEARSON ROCHE, 1947 | |

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

HIGH HONORS

- | | |
|-------------------------------------|------------|
| WILLIAM HUSTON CHARTENER, 1946..... | History |
| DAVID YI-YUNG HSIA, 1945..... | Chemistry |
| MASAMORI KOJIMA, 1945 | Government |
| DAVID EUGENE LONG, 1946..... | Government |

HONORS

- | | |
|-------------------------------------|---------------------------|
| EDWARD BLOCK, 1945 | Physics |
| PAUL HENRY DOMINCOVICH, 1945..... | Reconstruction and Relief |
| RUTH ANTOINETTE DRISCOLL, 1945..... | Reconstruction and Relief |
| ROBERT CROCKER GOOD, 1946 | Philosophy |

HONORABLE MENTION

In single courses in the Freshman or Sophomore year representing a minimum of 60 hours of Honors work in addition to that required for the course named, plus a grade of 88 or better in the same course.

- | | |
|--------------------------------------|----------------|
| TIMOTHY BREED ATKESON, 1948..... | Government 3a |
| TIMOTHY BREED ATKESON, 1948..... | Government 13a |
| RICHARD KENNETH DORN, 1948..... | English 2b |
| MARTIN JULIUS OPPENHEIMER, 1948..... | English 2b |
| JOHN ALEXANDER STONE, 1948..... | English 2b |

D I R E C T O R Y

S T U D E N T S I N T H E C O L L E G E

In the last column is given the number of the student's dormitory room; Bc for Barclay Center, Bn for Barclay North, F for Founders Hall, G.H. for Government House, L.H. for Language House, L for Lloyd Hall, D for day student. The field of major concentration is indicated in parentheses. The figure following the name indicates the number of the term now being completed.

Name	Home Address	College Address
A		
ADAMS, JAMES FOWLER, JR., 6 (Philosophy)	2900 Harrison Street, Wilmington, Del.	26 \bar{L}
ALENICK, MONROE EDWARD, 5 (Chemistry)	292 Eastern Parkway, Newark 6, N. J.	37 L
ALLINSON, ANDREW PREVOST (History)	Town's End Farm, West Chester, Pa.	7 L
ALLYN, HERMAN BRYDEN, II, 1	10 State Street, Framingham Centre, Mass.	63 Bn
B		
BAKER, WILLIAM PERRIN, JR., 2	355 Columbia Avenue, Palmerton, Pa.	23 L
BALDI, VIRGIL BISMARCK, JR., 2	437 W. School Lane, Germantown, Philadelphia, Pa.	21 F
BARKER, WILLIAM PIERSON, II, 5 (Biblical Literature)	1553 Shorb Avenue, N.W., Canton 3, Ohio	21 L
BARRAZA, CARLOS, 1	Donato Guerra 315 S, Torreon, Coah, Mexico	70 Bn
BECK, STUART MORGAN, 1	3900 Cathedral Avenue, N.W., Washington 16, D.C.	14 L
BEHRENS, ROBERT H.	4042 Walnut Street, Philadelphia, Pa.	D
BELL, WILLIAM WARREN, 5 (History)	4409 Greenwich Parkway, N.W., Washington 7, D. C.	25 L
BESSE, BYRON EARL, 4 (Chemistry)	823 Old Gulph Road, Bryn Mawr, Pa.	D
BIRDSALL, JOSEPH COOPER, JR., 4	139 Booth Lane, Haverford, Pa.	29 L
BLECKER, SOLOMON, 5	5022 N. 10th Street, Philadelphia 41, Pa.	38 L
BOGER, JOHN NEIL, 1	341 Cumberland Street, Lebanon, Pa.	69 Bn
BOUZARTH, WILLIAM FRANCIS, II, 5 (Chemistry)	635 Belair Avenue, Aberdeen, Md.	22 L
BRENES, LUIS GUILLERMO, 1	San Jose, Costa Rica	67 Bn
BRIEGER, HENRY ARTHUR NICHOLAS, 3	58 N. Lansdowne Avenue, Lansdowne, Pa.	15 F
BRODHEAD, CHARLES DANIEL, 1	621 Rising Sun Avenue, Philadelphia 40, Pa.	10 F

Name	Home Address	College Address
BROWNLEE, JOHN ERSKINE, 1	6531 Holmes Street, Kansas City 5, Mo.	68 Bn
BRUCKNER, ROBERT J., 1	911 Kenmore Road, Philadelphia, Pa.	D
BUTTRICK, DAVID GARDNER, 3	21 E. 79th Street, New York, N. Y.	34 Bc

C

CARROLL, JOHN MACGREGOR, 1	468 Riverside Drive, New York City	58 Bn
CLAYTON, ROBERT FRANCIS, JR., 6 (Mathematics)	49 E. Providence Road, Lansdowne, Pa.	1 L
CLEWS, MARGARET, Special Student	Dorset Road, Devon, Pa.	D
CLEWS, M. MADISON, Special Student	Dorset Road, Devon, Pa.	D
COATES, GEORGE MORRISON, 2ND, Special Student	Paoli, Pa.	D
COHEN, WALTER LEO, Special Student	73 E. Market Street, Long Beach, L. I., N. Y.	24 F
COLLINS, BENJAMIN McVICKAR, 3	Broadlea Farm, Rhinebeck, N. Y.	32 L
COOPER, NATHANIEL FENIMORE, 1	453 N. Highland Avenue, Merion, Pa.	13 L
COUCH, RICHARD ARDEN, 2	601 Clearview Avenue, Pittsburgh 5, Pa.	12 F
CULBERT, CRAIG DUNLAP, 3	26 Chatham Road, Ardmore, Pa.	D
CUMBEE, H. WAYNE, 2	2430 Boulevard Avenue, Scranton, Pa.	5 L

D

DALLETT, FRANCIS JAMES, JR., 1	324 Overhill Road, Wayne, Pa.	D
DAVIES, DAVID ELWYN, 2	3012 - 44th Street, N.W., Washington, D. C.	11 F
DAVIS, FRANCIS A., JR., 2	304 Somerset Road, Baltimore 70, Md.	29 L
DAVIS, JOHN GILMAN, 1	76 Brooks Street, West Medford, Mass.	15 L
DE MARCO, MICHAEL CHARLES, 2	7201 N. Broad Street, Philadelphia 26, Pa.	D
DINKER, WILLIAM RICHARD	12 N. Portland Avenue, Ventnor, N. J.	Merion Annex
DISBROW, DONALD WILLIS, 1	R. D. 3, Dundee, New York	66 Bn
DORN, RICHARD KENNETH, 4	6140 Nassau Road, Philadelphia, Pa.	17 L
DRAKE, C. DANIEL, 3	47 Main Street, Franklin, N. J.	14 L
DVORKEN, HENRY JACOB, 2	435 W. Fifth Avenue, Roselle, N. J.	14 F

E

ECHIKSON, EDWARD, 1	31 Midland Boulevard, Maplewood, N. J.	33 L
EDGERTON, CHARLES WILLIS, JR., 3	College Avenue, Haverford, Pa.	30 L
EDGERTON, ROBERT, 2	College Avenue, Haverford, Pa.	10 L

Name	Home Address	College Address
EISELE, GEORGE WILLIAM, 1.....	(404 Center Street, Westmont, N. J.) 1438 Westwood Lane, Overbrook Hills, Pa.	D
ESHLEMAN, BENJAMIN, JR., 1.....	Mountpleasant Road, Villa Nova, Pa.	27 L
EWELL, ALBERT HUNTER, JR., 8 (Psychology).....	4937 Walton Avenue, Philadelphia 43, Pa.	38 L
EXTON, FREDERICK, JR., 2.....	4519 Davenport Street, N. W., Washington, D. C.	G.H.
F		
FALTERMAYER, EDMUND KASE, 2.....	46 E. Gowen Avenue, Mt. Airy, Philadelphia, Pa.	G.H.
FEROE, BARTON KENNETH, 5.....	213 Marlboro Road, Ardmore, Pa.	D
FINCH, GEORGE FRANK, JR., 1.....	509 E. Mt. Airy Avenue, Philadelphia 19, Pa.	31 Bc
FREEMAN, MURRAY FOX, 5 (Mathematics).....	324 N. Bowman Avenue, Merion, Pa.	D
G		
GANTER, ROBERT LEWIS, 3.....	830 Elsinore Place, Chester, Pa.	30 Bc
GARDNER, KENNETH ADELMAN, 2.....	2214 Forest Glen Road, Pittsburgh 17, Pa.	12 L
GEBHARDT, JOHN FRANK, 1.....	140 E. 29th Street, Erie, Pa.	35 L
GERLACH, THOMAS BRADFIELD, 1.....	1526 N. 15th Street, Philadelphia, Pa.	72 Bn
GIFFORD, THOMAS, 1.....	468 Hope Street, Providence 6, R. I.	50 Bn
GOODMAN, I. ROBERT, 2.....	3749 Nortonia Road, Baltimore 16, Md.	11 L
GOULD, STANLEY BENTON, 2.....	3505 Edgewood Road, Baltimore, Md.	11 L
H		
HAMILTON, RICHARD TRUITT, 6.....	Roslyn Farms, Carnegie, Pa.	8 L
HAMMOND, STANLEY GEORGE, 2.....	104 Park Road, Llanerch, Pa.	Bc, 4th floor, E.
HAND, THOMAS SPENCER, 1.....	1 Holmcrest Road, Jenkintown, Pa.	54 Bn
HANDRICH, PAUL CHARLES, 1.....	48 Colonial Road, Bellerose, L. I., N. Y.	68 Bn
HARDEN, ROBERT SCHERMERHORN, 3.....	341 E. Main Street, Moorestown, N. J.	30 L
HARPER, ROBERT, 2.....	190 Crowell Avenue, Staten Island, N. Y.	24 L
HARRIS, MARGARET G., Special Student.....	774 Millbrook Lane, Haverford, Pa.	Merion Annex
HARRIS, WILLIAM HAMILTON, 5 (Chemistry).....	204 N. 17th Street, Camp Hill, Pa.	34 L
HARRIS, WILLIAM MACEY, 7.....	774 Millbrook Lane, Haverford, Pa.	Merion Annex
HARVEY, RANDOLPH CHARLES, 4.....	112 Chamounix Road, St. Davids, Pa.	19 L
HASTINGS, DAVID SPENCER, 1.....	79 Connecticut Avenue, Kensington, Md.	69 Bn

DIRECTORY

Name	Home Address	College Address
HASTINGS, JAMES BABBITT, 2	30 Elston Road, Upper Montclair, N. J.	10 L
HAUGHTON, ANSON B., 7 (Engineering)	Radnor Inn, Radnor, Pa.	D
HAUSER, JOHN NORMAN, 3	7443 Oakhill Avenue, Wauwatosa, Wis.	24 L
HAZELWOOD, ROBERT NICHOLS, 2	3405 N. Hackett Avenue, Milwaukee 11, Wis.	25 L
HEDGES, WILLIAM LEONARD, 7, (History)	9 John Street, Providence, R. I.	16 F
HENNE, JOHN KRAFFERT, 6 (Chemistry)	332 W. Oak Street, Titusville, Pa.	32 L
HERTER, THEOPHILUS JOHN, Graduate Student	232 Wendover Drive, Westgate Hills, Upper Darby, Pa.	D
HIGINBOTHOM, WILLIAM CURRAN, 3	5403 Springlake Way, Baltimore, Md.	25 L
HOLLINGSHEAD, IRVING, JR., 1	309 Chestnut Street, Moorestown, N. J.	51 Bn
HOOPES, JOHN ROBISON, JR., 3	5500 Moorland Lane, Bethesda, Md.	37 Bc
HOSKINS, ROBERT GRAHAM, 2	86 Barick Road, Waban 68, Mass.	L.H.
HOWE, GERALD SHROPSHIRE	Detachment VII Corps, Camp San Luis Obispo, Calif.	28 L
HUEBSCH, IAN, 6 (Mathematics)	285 Central Park, West, New York 24, N. Y.	7b F

J

JACKSON, JOHN ALBERT, 2	20 Summer Street, Adams, Mass.	5 F
JACOB, JAMES ARCHIBALD, JR., 4 (Chemistry)	1310 Pleasant Avenue, Wellsburg, W. Va.	21 L
JACOBS, GEORGE WAYNE, JR., 6 (Mathematics)	The Kingsway, Bloomingdale Avenue, Wayne, Pa.	27 L
JOHNSON, DAVID, 7	18 W. 122nd Street, New York, N. Y.	3 L
JOHNSON, JAMES DEXTER, 2	250 S. Brentwood, Clayton, Mo.	5 L
JOHNSON, RICHARD SCHAPER, 3	328 W. 22nd Street, Erie, Pa.	31 L
JOHNSON, VICTOR LAWRENCE, 1	1007 Valley Road, Melrose Park, Pa.	13 L
JOHNSTON, ROBERT JAMES, JR., 2	Merion Hall, Haverford College, Haverford, Pa.	D
JONES, CORSON	9 Hesketh Street, Chevy Chase, Md.	39 Bc
JONES, EVAN GORDON NEWTON, 1	Hectors River P. O., Jamaica, B. W. I.	L.H.

K

KATCHEN, JULIUS, 8 (Philosophy)	2 Hollywood Avenue, W. Long Branch, N. J.	20 L
KATO, WALTER YONEO, 7 (Physics)	5210 Winthrop Avenue, Chicago 40, Ill.	21b F
KEETZ, FRANCIS A., 1	Hilldale Road, Villa Nova, Pa.	D
KELLY, PAUL SHERWOOD, 1	118 W. 36th Street, Erie, Pa.	15 L
KINDLER, DON, 3	Jessups, Md.	18 L

L

Name	Home Address	College Address
LAITY, WALTER ASBURY, 1	105 Elliott Place, East Orange, N. J.	58 Bn
LAMBERT, RICHARD MEREDITH, 2	104 Webster Avenue, Wyncote, Pa.	15 F
LASDAY, HARRISON ROBERT, 1	1322 Square Hill Avenue, Pittsburgh, Pa.	60 Bn
LASH, WILLIAM STANLEY MALLORY, 1	R. R. 1, Fonthill, Ontario, Canada	22 F
LEAMAN, ARTHUR, 4 (Spanish)	40 Fifth Avenue, Apt. 7D, New York City	30 F
LEE, CHARLES SMITH, JR., Special Student	518 Audubon Avenue, Philadelphia 18, Pa.	19 L
LEUCHTER, BEN ZION	East Park Avenue, Vineland, N. J.	2 L
LEVINSON, HENRY WALTER, 3	4724 Sansom Street, Philadelphia 39, Pa.	18 L
LIBBY, EDWARD KELWAY, 2	1324 Euclid Street, N.W., Washington 9, D.C.	G.H.
LIMBER, WAYNE STEVENSON, 1	166 Elm Street, Montpelier, Vt.	56 Bn
LONGSTRETH, FRANK HOOVER, Graduate Student	31 Railroad Avenue, Haverford, Pa.	D
LONGSTRETH, MARTHA COMFORT, Special Student	31 Railroad Avenue, Haverford, Pa.	D

M

MALEY, EUGENE PAT.	1414 Regina Street, Harrisburg, Pa.	9 F
MARVIN, JOHN HOWELL WILLIAMS, 1	100 Park Place, Kingston, Pa.	67 Bn
MATHIAS, EDWARD TRAIL, 1	103 Council Street, Frederick, Md.	53 Bn
MATLACK, CHARLES WILLIAM	King's Highway, Moorestown, N. J.	G.H.
MCGUIRE, CHARLES ROBISON, 1	3310 Warrington Road, Shaker Heights, Ohio	36 Bc
MEAD, BRIAN, JR., 5 (Chemistry)	11 Horseguard Lane, Scarsdale, N. Y.	34 L
MELCHIOR, CHARLES M., 1	108 Greenwood Avenue, Lansdowne, Pa.	35 Bc
MILLER, BRUCE MARTEN, 5 (Chemistry)	c/o Ward, 1608 Upshur, N.W., Washington, D. C.	35 L
MILLER, JAMES QUINTER, 1	10 Manor Drive, Tuckahoe 7, N. Y.	60 Bn
MILLER, STEPHEN RABEN, 1	1501 Undercliff Avenue, Bronx 53, N. Y.	62 Bn
MOORE, CHARLES BYRD, 3	25 Amherst Avenue, Swarthmore, Pa.	6 L
MORRIS, ROBERT LEE, 1	90 Oakwood Avenue, Long Branch, N. J.	71 Bn
MOSES, CHARLES HENRY MANN, JR., 5 (Chemistry)	433 Haverford Road, Wynnewood, Pa.	D

N

NAMY, CLAUDE A., 1	97 Brd. de la Resistance, Casablanca, Morocco	6 F
NEWMAN, PAUL FREEDMAN, 4	7 Balfour Circle, Lansdowne, Pa.	64 Bn

Name	Home Address	College Address
NEYERLIN, JOHN THOMAS		Merion Annex
NICKLIN, GEORGE LESLIE, JR., 2		L.H.
Alden Park Manor, Philadelphia 44, Pa.		

O

OBERHOLTZER, WENDELL WOODWARD		D
Mont Clare, Montgomery Co., Pa.		
OLIVIER, DANIEL DRETZKA, 4		G.H.
Box 306, R. D. 2, Phoenixville, Pa.		
OSWALD, DAVID STATTON, 4 (Chemistry)		37 L
826 The Terrace, Hagerstown, Md.		

P

PARKE, ROBERT GERBER, 1		66 Bn
20 Cornell Place, Pittsburgh 16, Pa.		
PAYNE, WILLIAM SPENCER, 5		34 L
91 Pointer Lane, Clayton 5, Mo.		
PAYRÓ, ROBERTO PABLO, 8 (English)		3 L
Lavalle 357, Buenos Aires, Argentina		
PETERS, DAVID ALEXANDER, 5 (Chemistry)		23 L
45 N. 11th Street, Allentown, Pa.		
PETERSEN, HANS EBERHARD, 7 (Greek)		7a F
145 - 95th Street, Brooklyn, N. Y.		
POST, ARNOLD RAE, 7 (History)		D
9 College Lane, Haverford, Pa.		

Q

QUEK, SOO TONG, 2		4 L
115 W. 73rd Street, New York City		

R

RAMIREZ, RAFAEL ROBERTO, JR., Special Student		71 Bn
Box 205, Hato Rey, Puerto Rico		
REYNOLDS, EDWARD ALLAN, 1		2 F
111 Spring Avenue, Chestertown, Md.		
REYNOLDS, JAMES CONRAD, 2		16 L
208 W. State Street, Kennett Square, Pa.		
RICHIE, DOUGLAS HOOTEN, 2		11 F
8 N. Main Street, Brewster, N. Y.		
RIVERS, RICHARD D., 7 (Physics)		33 Bc
1281 Everett Avenue, Louisville, Ky.		
ROBINSON, RICHARD EDWARD, 1		52 Bn
San Ignacio #22, Altos, Havana, Cuba		
ROCHE, ROBERT PEARSON, 8 (English)		1 L
111 - 7th Street, Garden City, N. Y.		
ROGERS, ALAN SPENCER, 7		D
Woodside Cottage, Haverford College, Haverford, Pa.		
RUFF, GEORGE ELSON, JR., 2		36 L
7358 Rural Lane, Philadelphia 19, Pa.		

S

SCHUMAN, RICHARD WALDRON, 3		31 L
2210 Forrest Glen Road, Pittsburgh 17, Pa.		
SETTLE, LYLE G., 5 (Music)		L.H.
Dryden, N. Y.		
SHAKESPEARE, EDWARD ORAM, 1		D
482 Sabine Avenue, Wynnewood, Pa.		
SHEPARD, ROYAL FRANCIS, JR., 2		36 L
128 N. Mountain Avenue, Montclair, N. J.		

Name	Home Address	College Address
SINGER, ELLIS PAUL, 1	139 Tuscan Road, Maplewood, N. J.	33 L
SNODGRASS, FRANCIS MATTLAGE, 1	Windfall, R. D. 1, Martinsburg, W. Va.	5 L
SPROULE, JOSEPH	College Avenue and Darby Road, Haverford, Pa.	D
STEEFEL, LAWRENCE D., JR., 7 (History)	430 Old Lancaster Road, Haverford, Pa.	D
STEERE, PAUL WINSOR	Marquette, Mich.	L.H.
STERN, THOMAS LOUIS, 1	88-10 Whitley Avenue, Elmhurst, L. I., N. Y.	66 Bn
STEWART, DAVID WILLIAM, II, 1	117 St. Paul's Road, Ardmore, Pa.	D
STONE, JOHN ALEXANDER, 4 (History)	319 W. 88th Street, Apartment 8, New York, N. Y.	26 L
STURR, GEORGE BOWLER TULLIDGE, 7 (Government)	129 Fourth Avenue, Haddon Heights, N. J.	17 L
SWARTLEY, WILLIAM MOYER, 3	Woodland Drive, Lansdale, Pa.	24 L

T

TAGGART, GEORGE WEBSTER, 3	1245 E. Broad Street, Hazleton, Pa.	19 L
THOMAS, DAVID EDWARD, 4 (Economics)	518 Foss Avenue, Drexel Hill, Pa.	19 L
THOMPSON, DANIEL BARD, 6 (Biblical Literature)	110 S. Broad Street, Waynesboro, Pa.	21 L
THORPE, JAMES HANCOCK, 1	Apt. A.1., 7910-19th Road, Jackson Heights, L. I., N. Y.	68 Bn
TODD, JOHN ARNOLD, 1	Serpentine Lane, Wyncote, Pa.	21 F
TOLAN, DAVID JOHN, 1	2951 N. Marietta Avenue, Milwaukee 11, Wis.	61 Bn
TURNER, CONRAD WILLIAM, 1	307 Hamilton Road, Wynnewood, Pa.	51 Bn
TYCHANICH, JOHN DIMITRI, 2	53 Balmforth Avenue, Danbury, Conn.	12 L

V

VAUGHAN, CLARK A., 2	Gate House, Milton Academy, Milton 86, Mass.	Bc, 4th floor, E.
VEDOVA, HAROLD FREDERICK, 3	1463 Hampstead Road, Penn Wynne, Philadelphia 31, Pa.	D

W

WAGNER, DANIEL HOBSON, 6	10 Conestoga Road, Berwyn, Pa.	39 Bc
WALNUT, FRANCIS KANE, 1	1 Lehman Lane, Germantown, Philadelphia, Pa.	18 F
WHITE, ROBERT PHILLIPS, 3	301 Brookline Court Apts., Brookline, Upper Darby, Pa.	36 Bc
WHITEHEAD, HERBERT MACY, 8 (Philosophy)	R. D. #1, South Windham, Maine	30 F
WHITMAN, JOHN TURNER, 4	Nashawtuc Hill, Concord, Mass.	20 L
WIDMER, ROBERT J., Special Student	768 College Avenue, Haverford, Pa.	D
WILCOX, JOHN ROGERS, 2	127 South West Street, Allentown, Pa.	16 L

Name	Home Address	College Address
WINDER, RICHARD BAYLY, IV.	5908 Cedar Parkway, Chevy Chase, Md.	3 F
WIRES, JOHN STANLEY, 6 (Philosophy)	45 Windsor Road, Wellesley Hills, Mass.	3 F
WRIGHT, THEODORE CRAIG, 2.	107 Lee Avenue, Trenton, N. J.	22 F

Y

YAMANE, GEORGE MITSUYOSHI, 7.	1938 Panoa Road, Honolulu 23, T. H.	4 L
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Z

ZWEIFLER, NATHAN JOSEPH, 5 (Chemistry)	46 Wilbur Avenue, Newark 8, N. J.	22 L
----------------------------------------------	-----------------------------------	------

RECONSTRUCTION AND RELIEF TRAINING UNIT

DOUGLAS, DEBORAH ADAMS (A.B., Sweet Briar, 1943)	704 E. 44th Street, Savannah, Ga.	G.H.
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WYLIE, ANNE STILES (Mrs. Laurence W.) (B.S., Simmons, 1943)	8 College Lane, Haverford, Pa.	G.H.

FACULTY AND STAFF

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ALLENDOERFER, CARL B., 750 Rugby Road, Bryn Mawr (Founders, Center West)		B.M. 2568-J
ASENSIO, MANUEL J., 2 College Lane (Founders, West)		4163
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BEATTY, MRS. ETHEL E., Founders Hall, Haverford College (Founders, Dining Room)		9533
BENHAM, THOMAS A., 3 College Lane (Sharpless 14)		6044
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FETTER, FRANK W.** (Whitall 9)		
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FOSS, MARTIN, 1a College Lane (Library 49)		1599
GREEN, LOUIS C.,** 791 College Avenue (Observatory)		4409-J
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HENRY, HOWARD K., 1464 Drayton Lane, Penn Wynne (Sharpless 31)		3913-J
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HETZEL, THEODORE B.,** 768 College Avenue (Hilles, 2nd fl.)		4393-W
HOAG, GILBERT T., Woodside, Haverford College (Roberts, 2nd fl.)		1402-W
HOLMES, CLAYTON W., 720 Millbrook Lane (Hilles, 1st fl.)		4269-W
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JONES, THOMAS O.** (Chem. Lab. 6)		
KELLY, JOHN A., 3 College Lane (Whitall 11)		4160
LESTER, JOHN A., JR. (Government House)		
LOCKWOOD, DEAN P., 6 College Circle (Library)		1402-J
LUNT, WILLIAM E., 5 College Lane (Whitall 10)		1507-W
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POST, AMY L., C-3 Dreycott Apts. (Library 28)		1643-M
POST, L. ARNOLD, 9 College Lane (Library 51)		0258-M
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REID, LEH W., Merion Hall, Haverford College		1742
RITTENHOUSE, LEON H., 6 College Lane		5222
SARGENT, RALPH M., 4 College Circle (Whitall 7)		3339
SNYDER, EDWARD D.,** 36 Railroad Avenue (Whitall 12)		0712
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STEERE, DOUGLAS V., 739 College Avenue (Whitall 3)		0162
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Name	Residence (Haverford, unless otherwise noted)	Telephone (Ardmore, unless otherwise noted)
SUTTON, RICHARD M., 785 College Avenue, facing Walton Road (Sharpless 17)		0742-W
SWAN, ALFRED, 624 Overhill Road, Ardmore (Union, Music Room)		5532
TAYLOR, DR. HERBERT W., 457 Lancaster Avenue (Infirmary)		2383
TEAF, HOWARD M., JR., 3 College Lane (Whitall 9)		4049-J
WATSON, FRANK D., 773 College Avenue (Whitall 6)		2937
WILLIAMSON, A. JARDINE,** 4 College Lane		4023
WILSON, ALBERT H., 765 College Avenue		1853
WYLLIE, LAURENCE W., Government House, Haverford College (Founders, West)		9461

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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 1:00 P.M. on Saturday, none Sunday) any of the offices listed below can be reached by calling Ardmore 6400.

When there is no operator on duty, use the following telephone numbers:

- Ardmore 6400—Library; Maintenance and Operation Office
- Ardmore 6401—Dean; Comptroller
- Ardmore 6402—Hilles Laboratory; Physics Laboratory
- Ardmore 3036—Infirmary
- Ardmore 3761—President's Office

FACULTY OFFICE TELEPHONES

The offices of most of the members of the Faculty may be reached by calling Ardmore 6400 during the hours when there is an operator at the switchboard.

* Absent during first semester.
 ** Absent during whole academic year.

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*Unless otherwise noted, all telephones below may be reached
by calling Ardmore 6400*

Acting President, Archibald MacIntosh	
Admissions, Archibald MacIntosh, Director	
Alumni Office, Bennett S. Cooper, Secretary	
Assistant to the President, Bennett S. Cooper	
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Barclay Hall, Center (Pay Station)	9459
Barclay Hall, South (Pay Station)	9508
Biology Laboratory (Sharpless Hall)	
Business Office, Aldo Caselli, Comptroller	
Chemistry Laboratory	
Dean's Office, Gilbert T. Hoag, Dean	
Dietitian, Mrs. Ethel E. Beatty	
Engineering Laboratory (Hilles)	
Founders Hall, East (Pay Station)	9460
Founders Hall, Dormitory (Pay Station)	9533
French Department Office	
Government House, 8 College Lane (Pay Station)	9613
Gymnasium (Pay Station)	9512
Gymnasium Office	
Haverford News	4894
Haverford Review, Bennett S. Cooper, Managing Editor	
Hilles Laboratory of Applied Science (Engineering)	
Infirmary, Mabel S. Beard, R.N.	
Kitchen (Pay Station)	9544
Language House, Manuel J. Asensio, Director (Pay Station)	9428
Library: D. P. Lockwood, Librarian	
Amy L. Post, Assistant Librarian	
Circulation Desk	
Treasure Room: Thos. E. Drake, Anna B. Hewitt	
Lloyd Hall, 3rd Entry (Kinsey), Rooms 1-12 (Pay Station)	9520
Lloyd Hall, 5th Entry (Strawbridge), Rooms 13-26 (Pay Station)	9514
Lloyd Hall, 8th Entry (Leeds), Rooms 27-38 (Pay Station)	9628
Maintenance and Operation Office	
Merion Hall	9458
Observatory	
Physics Laboratory (Sharpless Hall)	
Power House (Pay Station)	9540
Radio Room	5042
Registrar's Office	
Research Laboratory, Alan S. FitzGerald, Director	5092
Romance Language Department Office	
Sharpless Hall: T. A. Benham, H. Comfort, F. C. Evans, H. K. Henry, A. Pepinsky, R. M. Sutton	
Whitall Hall: J. W. Flight, J. A. Kelly, H. W. Pfund, E. D. Snyder	

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HAVERFORD COLLEGE

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Walnut Lane, Haverford, Pa.

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Scotford Rd., Mt. Airy, Phila., Pa.

WILLARD E. MEAD, '26
5800 Walnut St., Pittsburgh 6, Pa.

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131 Glen Rd., Wellesley Farms, Mass.

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Haverford College, Haverford, Pa.

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Girard Trust Co., Phila., Pa.

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1607 Moravian St., Philadelphia, Pa.

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Vice-President.....EDWARD A. EDWARDS, '08
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Treasurer.....JOHN C. LOBER, '27

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Junior High School, Scarsdale, N. Y.
Secretary.....R. WILFRED KELSEY, '33
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806 Pelhamdale Ave., New Rochelle, N. Y.

HAVERFORD COLLEGE

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- Vice-President.....GILBERT HENRY MOORE, '17
1125 N. Calvert St., Baltimore 2, Md.
- Secretary.....MENNIS LAWSON, '17
11 E. Lexington St., Baltimore, Md.
- Treasurer.....HOWARD O. BUFFINGTON, JR., '31
4805 Belle Ave., Baltimore, Md.

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- President.....ALLAN B. FAY, '27
3 Ardmore Circle, Washington 16, D. C.
- Vice-President.....THOMAS WISTAR, JR., '30
2558 - 36th St., N. W., Washington 7, D. C.
- Secretary-Treasurer.....MEREDITH B. COLKET, JR., '35
4410 Albermarle St., N. W., Washington, D. C.

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- President.....GIFFORD K. WRIGHT, '93
First National Bank Building, Pittsburgh 22, Pa.
- Secretary.....WILLARD E. MEAD, '26
5800 Walnut St., Pittsburgh 6, Pa.
- Treasurer.....JAMES M. HOUSTON, '31
1639 Beechwood Blvd., Pittsburgh 17, Pa.

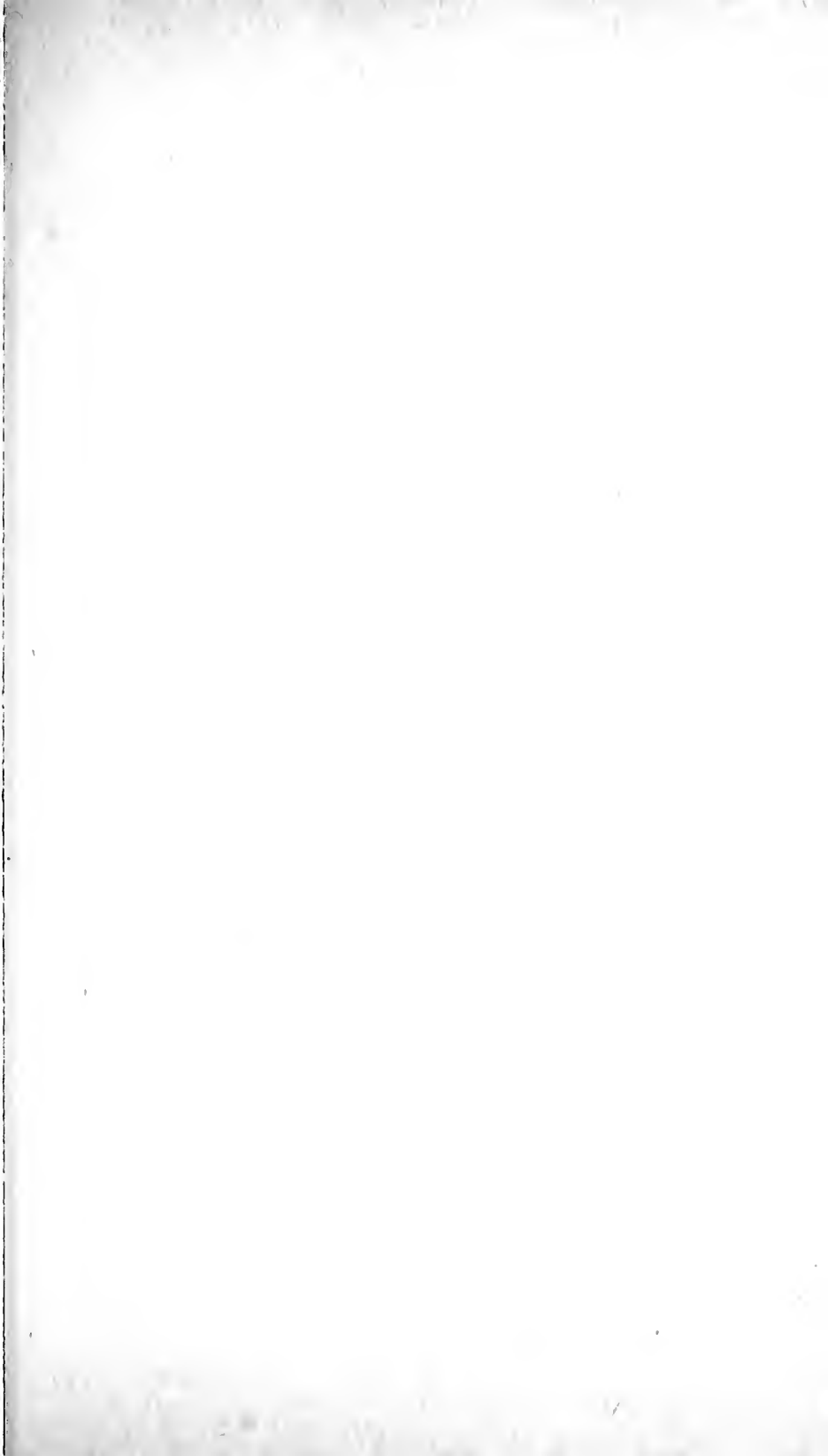
Haverford Society of New England

- President.....FRANK M. ESHLEMAN, '00
40 Broad St., Room 600, Boston, Mass.
- Secretary-Treasurer.....ELLIOTT W. BROWN, '21
401 Summer St., Boston, Mass.

INDEX

	PAGE
Academic Council	21
Accelerated Course	25
Administration, Officers of	20
Admission—Advanced Standing	24
Admission—Examinations	22-24
Admission—Graduate Students	36
Admission—Requiriments for	22
Admission—Veterans	24
Alumni Associations	105-106
Art Collection	78
Astronomy	46-47
Athletic Fields	68-69
Autograph Collection, Charles Roberts	78
Biblical Literature	47-48
Biology	48-49
Bryn Mawr College, Cooperation with	30
Bucky Foundation	79
Calendar	4-7
Campus Club	80
Chemistry	49-51
Clubs	44-45
College Entrance Examination Board	23-24
Committees—Board of Managers	14
Committees—Faculty	21
Conflicting Courses	29
Corporation—Officers of	12
Corporation—Standing Nominating Committee	12
Courses of Instruction	46-76
Curriculum	25-34
Degrees Awarded in 1944-45	90-91
Degrees—Bachelor's	36
Degrees—Master's	36-37
Delinquent Students	34-35
Directory	94-104
Economics	51-53
Engineering	54-56
English Language and Literature	56-58
Examinations for Admission	22-24
Examinations for the Master's Degree	36
Expenses	40-41
Extra Courses	29-30
Faculty—Members of	15-19
Faculty—Standing Committees of	21
Faculty—Residence and Telephone Directory	102-103
Fees and Special Charges	41-42
Fellowships—List of	84
Fellowships—Awarded in 1944-45	91
Free Electives	28
French	73-74
Geography and Geology	58
German	58-59
Government	59-61

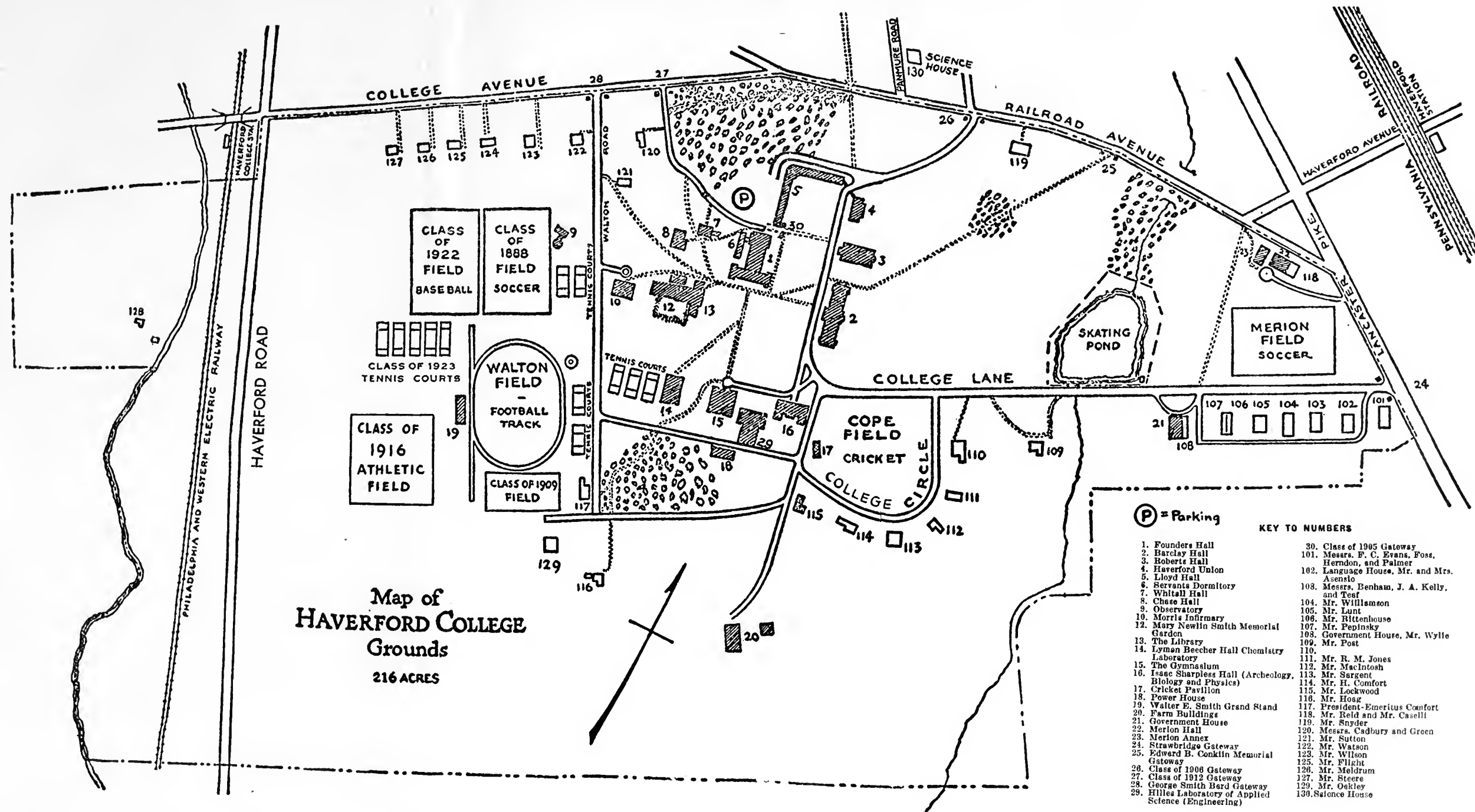
	PAGE
Grading of Students	34
Graduate Students	36-37
Greek	61
Gymnasium	69
Health Program	79-80
History	62
History of Art	63
History of Haverford College	8-11
Honor Societies, Membership in	93
Honor System	43-44
Honors—Rules for	38-39
Honors—Awarded in 1944-45	93
Humanistic Studies	63
Infirmary	79
Italian	75
Latin	63-64
Lectures	78-79
Library	77-78
Limited Electives	26
Loan Fund	42
Major Concentration	27-28
Managers, Board of	13-14
Mathematics	64-65
Meeting, Friends	9
Monthly Payments of College Bills	41
Music	66-67
Observatory	46
Phi Beta Kappa Society	44
Philosophy	67-68
Physical Education	68-69
Physics	70-72
Placement Bureau	42
Prizes—List of	84-89
Prizes—Awarded in 1944-45	91-92
Program of Courses	29
Professions, Preparation for	30-34
Psychology	72
Publications, Official	80
Reconstruction and Relief, Graduate Training in	76
Required Courses	25-26
Romance Languages	73-75
Rooms	40
Scholarships—List of	80-83
Scholarships—Awarded in 1944-45	91-92
Sociology	75-76
Societies and Organizations	44-45
Spanish	74
Student Directory	94-101
Student Government	43-44
Student Publications	45
Swarthmore College, Cooperation with	30
Telephone Directory	104
Tuition	40-41
Veterans, Admission of	24











Map of
Haverford College
 Grounds
 216 ACRES

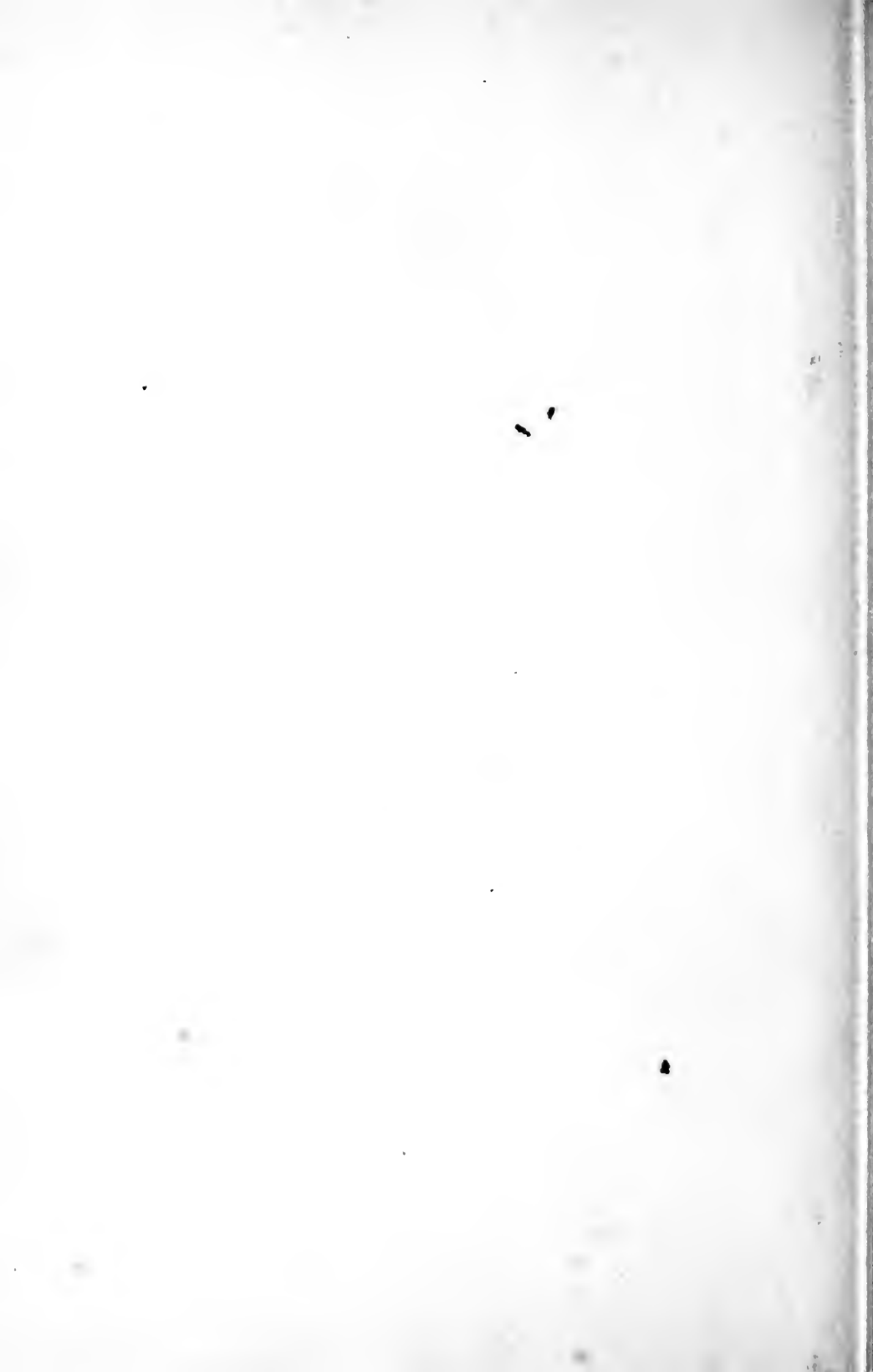
(P) = Parking

KEY TO NUMBERS

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|------------------------------------------------------------|-----------------------------------------------------|
| 1. Founders Hall | 30. Class of 1905 Gateway |
| 2. Barclay Hall | 101. Messrs. F. C. Evans, Foss, Herndon, and Palmer |
| 3. Roberts Hall | 102. Language House, Mr. and Mrs. Asensio |
| 4. Haverford Union | 103. Government House, Mr. Wylle |
| 5. Lloyd Hall | 104. Mr. Williamson |
| 6. Servants Dormitory | 105. Mr. Lunt |
| 7. Whitall Hall | 106. Mr. Bittenhouse |
| 8. Chase Hall | 107. Mr. Peplinsky |
| 9. Observatory | 108. Messrs. Denham, J. A. Kelly, and Teaf |
| 10. Morris Infirmary | 109. Mr. Post |
| 12. Mary Newlin Smith Memorial Garden | 110. |
| 13. The Library | 111. Mr. R. M. Jones |
| 14. Lyman Beecher Hall Chemistry Laboratory | 112. Mr. Macintosh |
| 15. The Gymnasium | 113. Mr. Sargent |
| 16. Isaac Sharpless Hall (Archeology, Biology and Physics) | 114. Mr. H. Comfort |
| 17. Cricket Pavillion | 115. Mr. Lockwood |
| 18. Power House | 116. Mr. Hoag |
| 19. Walter E. Smith Grand Stand | 117. President-Emeritus Comfort |
| 20. Farm Buildings | 118. Mr. Reid and Mr. Caselli |
| 21. Government House | 119. Mr. Snyder |
| 22. Merion Hall | 120. Messrs. Cadbury and Green |
| 23. Merion Annex | 121. Mr. Sutton |
| 24. Strawbridge Gateway | 122. Mr. Watson |
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| 27. Class of 1912 Gateway | 126. Mr. Feldrum |
| 28. George Smith Bard Gateway | 127. Mr. Steere |
| 29. Hillea Laboratory of Applied Science (Engineering) | 129. Mr. Oakley |
| | 130. Salonce House |







HAVERFORD COLLEGE BULLETIN

Reports of
PRESIDENT AND
ACTING PRESIDENT
1943 - 44
1944 - 45



VOLUME XL IV

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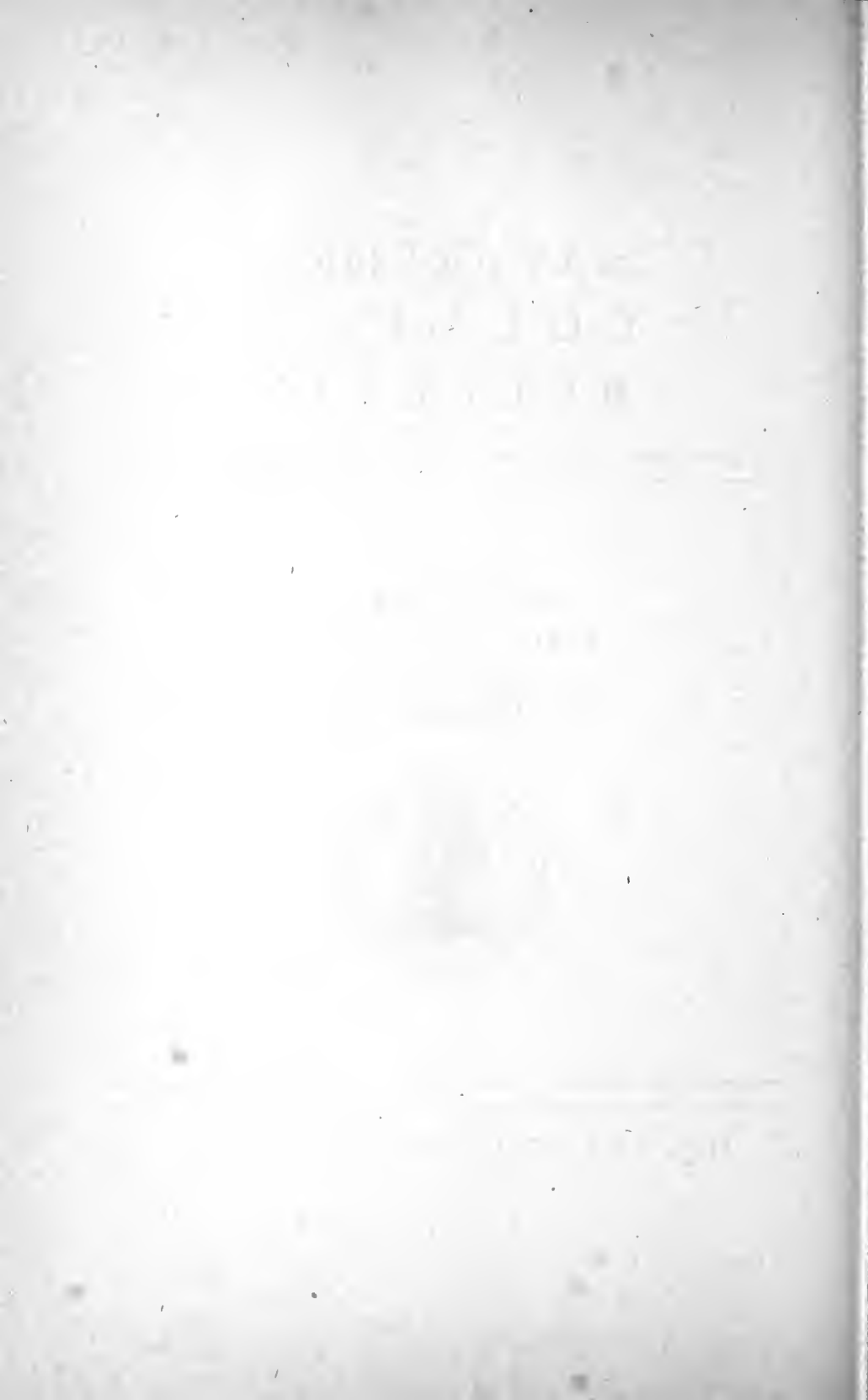
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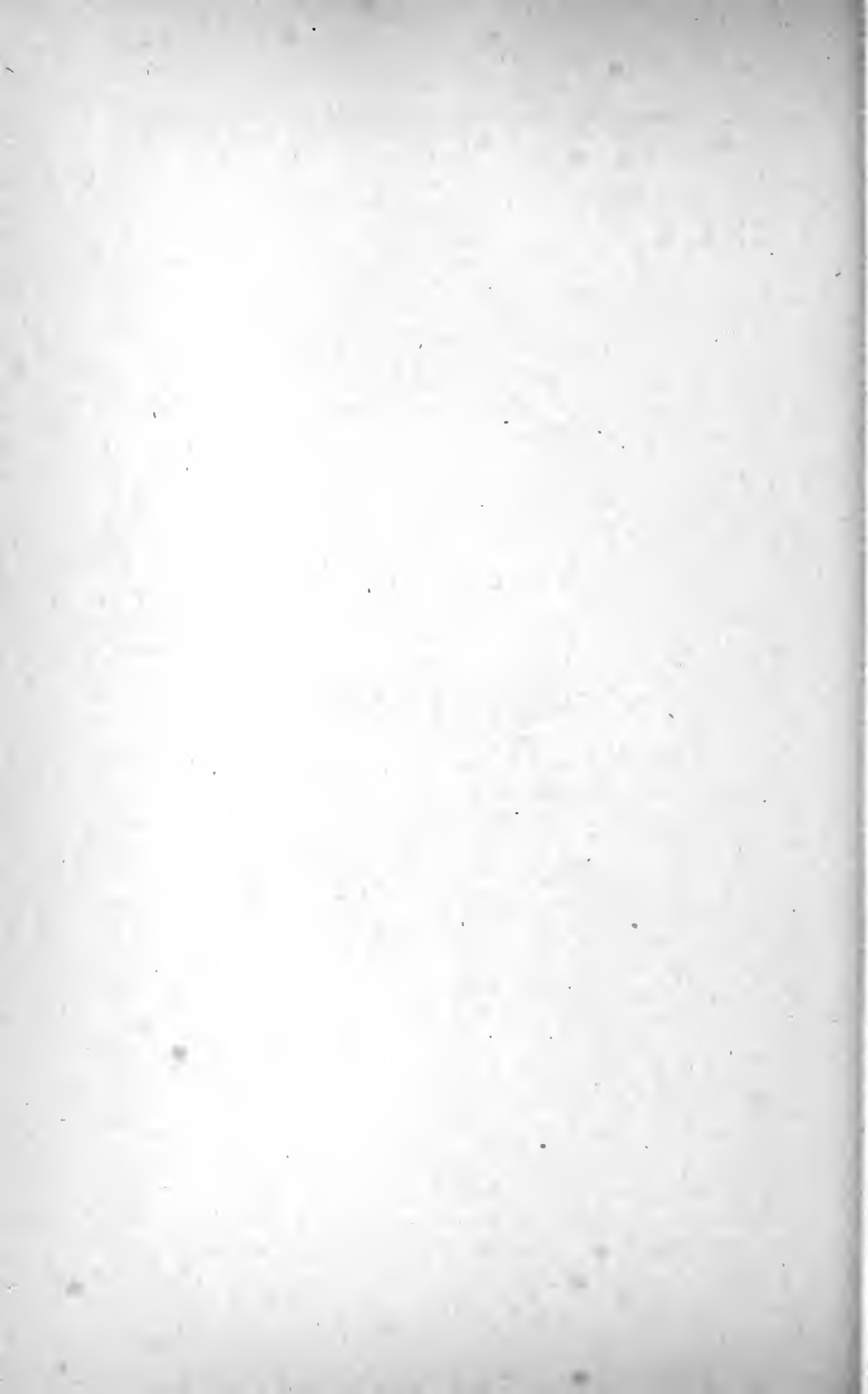
Reports of
PRESIDENT AND
ACTING PRESIDENT
1943 - 44
1944 - 45



HAVERFORD · PENNSYLVANIA



1943 - 1944



REPORT OF THE PRESIDENT

*Presented at the
Annual Meeting of the Corporation
of Haverford College
October 17, 1944*

MY last report to the Corporation, presented at the annual meeting on October 19, 1943, was revised before publication to cover the period to January 1, 1944. In its printed form, including the Librarian's Report, that of the Curator of the Quakeriana Collection and the current list of faculty publications, this revised statement has been made available to all present here today. If there is no objection, the same procedure—making the final report cover the calendar year—will be followed this year and, I anticipate, for the duration of the accelerated program.

Since January 3, 1943, Haverford College has been in continuous operation. As the institution does not close during the Summer, the traditional Fall opening no longer possesses the special significance of normal times. More Freshmen entered Haverford in July than in September, and the entrants next February will probably be nearly as numerous as the September group. The calendar year at least survives the pressures and strains of total war, and adaptation of the President's report to that period is the more logical since the College fiscal and academic years do not in any case coincide.

Some regret has been expressed that this procedure prevents combination of the President's and Treasurer's Reports in a single volume, as in the past. Off the record, may I point to one advantage in this separation. To achieve a balanced budget, for the current fiscal year, it will be necessary to obtain sizeable contributions applicable to current expenses. The President's report will be utilized in that connection. Its influence to this end would be vitiated if attached to a financial statement showing a small operating surplus, and a substantial increase in invested funds, for the past fiscal year.

One notable advantage in the present change of procedure is that it permits circulation of the present ad interim report, as presented to the

Corporation, to all members of the faculty, thus insuring that any errors of omission or commission in the preparation can be rectified before the report is printed in definitive form. This is important not only to insure complete historical accuracy but also because it recognizes the fact that Haverford is becoming ever more pronouncedly a truly cooperative undertaking, with the faculty and also the student body carrying an increasing amount of administrative responsibility. The war has done much to force this development, but it also coincides with my personal interpretation of the nature of executive function in a democratic organization.

THE ISSUE OF ACCELERATION

It should *not* be inferred, however, that placing the President's report on a calendar year basis implies any indorsement of acceleration as other than an emergency undertaking. While the experience has taught us many valuable lessons, the balance of faculty, student and administrative opinion is now probably unitedly against continuing year-round instruction as normal procedure. The Summer just past marked our third consecutive Summer Term and brought definite, if sometimes intangible, evidence of excessive strain. Any plebiscite at the College would now, I believe, show a strong majority against the principle of acceleration.

Nevertheless I cannot feel confident that campus opinion is going to determine the long-range outcome in this matter. In the first place, acceleration must certainly be continued for the duration of the war, as to eliminate it would be to deny a precious college term to many boys approaching draft age. My own expectation is that this factor alone will necessitate Summer Terms at Haverford in 1945 and 1946.

In the second place, our students returning from military and other wartime service will undoubtedly demand an accelerated program for at least a year or two after the close of the war. Many of these men will have been away from college for three years or more and will be long past the normal graduating age. They will be anxious to secure their degrees and get into desirable employment with as little further delay as possible. To meet this situation an accelerated program presumably will have to be continued for perhaps two years after the close of the major demobilization period, indicating Summer Terms in both 1947 and 1948.

Still a third important consideration is the position the professional schools, especially those of medicine, will eventually take on the extent of prerequisite college training. If the provision that only three years of undergraduate work are necessary for entrance to medical school is maintained, there will obviously be a demand that the college degree be obtainable in those three

years. This would mean either permanent acceleration for premedical students, or a separate degree in their case, or a substantial lowering of the present degree requirements.

In this connection the very real possibility of a continuation of compulsory military training after the war must be envisaged. Such a development would of course have a profound influence on all four-year colleges, especially those which because of their religious background would find it difficult to cooperate with the War Department in the far-reaching extension of the R.O.T.C. system now being considered. The effect of permanent conscription, moreover, would be most pronounced on the pre-professional students who have long constituted a large proportion of Haverford undergraduates. Many premedical and pre-law students, if required to give a year after high school to military training, would simply not be able to afford four years of college and three years of post-graduate work, plus internship or law clerk work, before becoming self-supporting. The strain of the year commanded by the Government would have to be taken up somehow and the only slack apparent is in the leisurely four-year college curriculum.

Finally, there is the question of the post-war financial position of the bourgeoisie which at present constitutes the main reservoir of Haverford students. The inflationary policy of deficit financing, now firmly established, is not promising for the so-called Middle Class. Many of its members may in the future be unable to underwrite four years of college for their sons and daughters.

In short, the issue of acceleration is one which will not be decided by faculty, administrative or student preference. It will be determined by factors the weight and incidence of which are not yet fully discernible.

POST-WAR PLANNING

While the same general conclusion is applicable to other questions relating to the period after the war, we are not using this as an excuse for a policy of *laissez-faire*. A faculty Post-War Planning Committee, under the chairmanship of Dr. Ralph Sargent, was established in November, 1943, has divided into sub-committees the better to explore its wide field of inquiry, and has already accomplished a great deal of valuable preliminary work. This committee is empowered to examine the way other colleges are confronting the same problem and a pleasant tribute to the reputation of Haverford is found in the number of visits we have had from delegates of institutions anxious to ascertain our intentions for the period after the war.

The conclusions as to the desirable procedure for Haverford, in a matter

of such great importance to the future of the College, will of course not be made by the faculty and administration alone. At my request the Board of Managers, on January 21, 1944, appointed a special committee, intended to be broadly representative of the Alumni as well as the Management, which in due course will consult with the faculty Post-War Planning Committee. The first step, however, is for the latter to agree on specific recommendations and to secure faculty approval for these. Thereafter the committee of the Board of Managers will be called into active collaboration, both to review proposals which seem desirable from the campus viewpoint and to make such additional suggestions as may be deemed appropriate. It should be noted that student opinion is being actively sought, and carefully considered, in the preliminary work of the faculty committee.

On one phase of its inquiry—that pertaining to the instruction of men returning to college after discharge from the Armed Services and C.P.S. camps—the faculty Planning Committee has already made important recommendations which have been examined by the Academic Council and are now about to be passed on by the faculty as a body. The tenor of these recommendations is that ex-service men (military or civilian) should in general conform to the college curriculum, rather than vice versa, and that every effort should be made to unify, rather than differentiate between, the normal and the post-service undergraduate.

It is emphasized, however, that the application of overall regulations to ex-service students must make allowance for individual circumstance, and that latitude should be exercised in such matters as time of admission, selection of courses and disciplinary requirements. Success could not be anticipated from any attempt to treat as identical cases the man of 22 who has commanded a ship or military unit, and the youth of 17 fresh from high school, even though both will in many cases be on the same academic footing.

STUDENT SELF-GOVERNMENT

The issue of arbitrary regulations for ex-service students is connected with that of the campus code, inherited from an easier period, for normal undergraduates. In order to unify the two groups successfully it would seem desirable to expand the area of self-government for the latter, so far as is clearly warranted. There are many indications that this development would prove wise in practice, in addition to being sound in theory.

During the past Summer a very interesting movement in favor of extension of the Honor System developed spontaneously among the civilian student body. It was asserted, not without logic, that since Haverford undergraduates for years have been successfully on their honor in respect

to examinations, the same principle might properly be extended to the conduct of campus life in general. The reasoning was fortified by justified observation that certain existing rules are in effect unenforceable by the college administration yet are not really under the alternative control of the Students' Association. It was asked whether it is really desirable to continue a pretense that rules now subject to violation are scrupulously observed—a question which I have frequently directed to myself with unsatisfactory results.

In meetings with the officers of the Students' Council, and with the civilian student body as a whole, I pointed out that the Honor System and Student Self-Government are two sides of the same picture and that extension of the scope of the former would necessarily involve increase in the responsibility of the latter. In other words, any disciplinary responsibility ceded by the College administration, which carries it *in loco parentis*, must be specifically accepted and continuously exercised by the Students' Association as such. Otherwise we would risk the development of student anarchy rather than the promotion of student self-government, in which I strongly believe, both in principle and as a definite and important part of undergraduate education.

The student leadership was quick to appreciate the point and towards the end of the Summer Term presented a definite program, designed to enlarge the area of student self-government in all matters of student conduct, envisaging the appointment of a joint Administration-Faculty-Student Guidance Committee to direct its operation, and accepting for the Students' Council responsibility, as a court of first instance, for the enforcement of regulations agreed upon. This program, with certain minor modifications, meets with my full approval as an experiment, subject to reconsideration, and is now before the Board of Managers for decision on policy grounds.

In one important respect, and with the knowledge of the Board, the enlarged Honor System is already in operation. No regular seats are this semester allotted for Fifth Day Meeting, now held at the normal morning hour, and no roll of attendance is taken. Attendance, however, is still expected of every student and he is on his honor to report absences above the allowance to the Dean's office. The result of this innovation, to date, has been an obvious improvement in the psychology and spirit of the Meeting, further advanced by the practice of faculty attenders in taking seats on the benches originally reserved entirely for undergraduates. It is hoped that more members of the Board of Managers will, in the months ahead, attend on the schedule suggested to them or otherwise, themselves sitting among and identifying their communion with that of the students, if that is their desire. It will be a great gain for the College community if the

spiritual experience of Fifth Day Meeting is heightened by subordination of the disciplinary or penal aspect and success in this direction now seems probable.

STUDENT ENROLLMENT

Haverford is fortunate not only in the quality but also in the quantity of its present civilian enrollment. The present Semester started with a total of 125 regular undergraduates as compared with 127 at this time last year. While under forty per cent of normal, this is a far better showing than that of most small men's colleges, where a civilian enrollment less than twenty per cent of normal is now customary. On classification by terms, which necessarily replaces the shattered class divisions, the comparison with a year ago is as follows:

<i>Term</i>	<i>Fall Semester, 1944</i>	<i>Fall Semester, 1943</i>
VIII	3	3
VII	13	10
VI	4	10
V	12	16
IV	10	19
III	9	14
II	38	33
I	36	22
<hr/>	<hr/>	<hr/>
Totals	125	127

From the above tabulation it is clear that while the wartime attrition of older students increases, the number who think it worth while to endeavor to secure at least a year of college training is also gaining. Undoubtedly this last is partly due to the popular belief that the war, at least in Europe, is now entering its final stage and one can only hope that events will justify that opinion. The result, at Haverford, is that what would normally be our Freshman Class is not far below standard in size, but constitutes almost 60 per cent of the entire student body.

It may well be asked whether this preponderance of those who were so recently schoolboys does not constitute a strong argument against extension of the Honor System at the present time. I have given the point careful consideration and believe that the answer is in the negative. Under present conditions boys of 17 have a maturity beyond their years. They are almost pitifully eager to utilize to the best advantage such college time as is available to them before they reach draft age. Much more than the course of study has been accelerated as a result of the war and the attitude of the second-term student now is comparable to that of the upper classman in the

pre-war period. A considerable leaven of exempted older students remains to us and this is already being strengthened by the return of war veterans, discharged after hospitalization, who are accustomed both to accept and to impose discipline. Finally, there is the desirability of making student self-government more complete and effective before that development is demanded as of right by a flood of returning ex-service students who will be men and who will expect to be regarded as such.

The civilian student body this year represents 23 States, as compared with 20 last year and 29 two years ago. Undergraduates who are members of the Society of Friends number 14, or 11.2 per cent of the total. A comparative table of the course registrations for civilian students follows, carried back through 1939, the last year before passage of the Selective Service Law. The sharp recovery, against wartime trends, in English and Music is especially interesting. Particular emphasis is being placed on the latter subject, partly as an offset to the consolidation of our instruction in Art with that of Bryn Mawr College. Courses taken by Haverford undergraduates at this sister institution, under the Three College Cooperative Program, are not included in this table:—

Department	Registrations					
	1944	1943	1942	1941	1940	1939
Art	0	1	3	14	19	17
Astronomy	0	1	15	22	43	23
Biblical Lit.	12	3	12	18	27	18
Biology	32	46	66	81	92	77
Chemistry	54	78	228	224	180	156
Economics	22	27	124	147	155	169
Engineering	15	25	95	74	62	48
English	101	77	195	224	187	250
French	26	25	36	64	93	105
German	59	52	117	100	111	122
Government	36	34	94	100	121	71
Greek	7	6	24	18	12	18
History	60	45	98	143	156	155
Italian	0	0	4	1	8	2
Latin	4	5	30	24	29	36
Mathematics	50	59	162	158	121	130
Music	14	5	31	18	23	10
Philosophy						
(incl. Psychology)	37	35	86	99	95	94
Physics	35	58	120	77	83	55
Sociology	14	28	43	72	82	60
Spanish	20	21	65	48	12	27

THE MILITARY UNITS

While the civilian enrollment remains practically identical with that of a year ago there has been virtual elimination of our military students, of whom we had 373 at the end of September, 1943, divided into 175 Pre-Meteorology trainees and 198 in the A.S.T.P. units, 140 of these last in Area and Language and 58 in Basic Engineering. In December, 1943, when a second group of Basics arrived, our military enrollment reached its maximum, 397 at the highest. This figure, however, was substantially cut by the graduation, on February 12, 1944, of the 149 P-M trainees who successfully completed their scheduled one-year course at Haverford.

During March, in anticipation of the invasion of France and with little preliminary notice to the participating institutions, the entire A.S.T. program was sharply curtailed, resulting first in the complete elimination of the Basic group and then in the liquidation of Area and Language training at all but a few large universities. The effect of this sharp contraction at Haverford was to some extent offset by the arrival in March of a small Pre-Medical unit of 40 men, this part of the A.S.T.P. being continued.

In September, however, the Pre-Medical unit in turn was cut as a result of the failure of Congress to appropriate for Pre-Dental trainees, who composed about one-third of our Pre-Professional contingent. In consequence we started the present academic year with only 26 Army students on the campus, as opposed to 373 a year ago. This abbreviated Pre-Medical unit, containing some excellent professional material, will be with us until the expiration of its nine-month course on December 2. Informal graduation exercises will be held at a dinner in the Common Room the evening of November 30, at which Colonel Francis M. Fitts, U.S.A.M.C., Dr. Meldrum, as Academic Director of this Unit, Captain Ralph Henry, as its Commandant, two of the trainees and myself will speak briefly. Members of the Board of Managers would be most welcome guests at this dinner, if they will notify my office of intention to attend.

The heavy and sudden contraction of the Army training program naturally raised serious administrative and financial problems. The immediate confusion can be more easily imagined than described. As quickly as compatible with obligations there was demobilization of the temporary faculty carefully gathered to assist our regular staff in the three curricula of Basic Engineering, German and Italian area study. Dining room, janitorial and grounds employes were curtailed in proportion. Merion Hall and Annex, and later Science House on Panmure Road, were closed and the civilian students concentrated in Lloyd Hall. Such other economies as seemed appropriate were instituted.

Administrative difficulties, including measures to protect the budget, were

augmented by uncertainty as to whether or not a "Reservist" unit, approved by the Board of Managers and authorized for us by the War Department, would actually arrive and if so whether it would be desirable on balance to accept two hundred of these 17-year-old students, not actually in but destined for the Army. The budget for the current fiscal year, as drafted in May, assumed the advent of this unit. During the early Summer both the uncertainty of allocation and the scholastic deterioration of the curriculum for this group became more pronounced. In the middle of August, following inquiries which I made on several visits both to Third Service Command headquarters in Baltimore and to the A.S.T.P. executive in the Pentagon Building, this type of training was by mutual consent eliminated for Haverford. As a result an estimated income of \$216,420 was cut from the 1944-45 budget.

Three alternative possibilities for complete utilization of our physical facilities and faculty services were considered during the difficult Summer months. The first of these was for extension courses with German prisoners of war at Fort Dix. The second was for rehabilitation, but post-hospitalization, training on the campus of Air Force casualties, for the most part shot down or seriously burned in action.

The third possibility, a civilian undertaking, was for In-Service training for Border Inspectors of the Immigration and Naturalization Service of the Department of Justice. Partly because of its intrinsic desirability, partly because it was urged on us more strongly than the other activities, partly because it involved the fewest complications, I agreed, after correspondence with the Chairman of the Board of Managers, to take the I.N.S. group which was ready to start a month of training on September 20. This executive action was given retroactive approval by the Board at its meeting on September 22 and the unit, composed of 26 men and 14 women, are now completing their month of residence at Haverford, the former being housed in South, the latter in North Barclay, with the Pre-Medical unit, now concentrated in Center Barclay, in between. Agreement has now been made to extend the realization of our facilities for this purpose to a second group of I.N.S. trainees, which will be in residence here from November 8 to December 7.

It may be mentioned that in preparing North and South Barclay for the installation of this group I decided to furnish attractively for reception and general social purposes one room on the ground floor of each dormitory. These rooms will be maintained as now equipped when Barclay reverts to normal student occupancy. By contrast with other colleges of our class Haverford has long been deficient in the provision of general social accommodations, a factor not without influence in the whole issue of "girls in dormitories".

RELIEF AND RECONSTRUCTION UNIT

The R. and R. Unit, now opening its second year, has been very successfully integrated with the College establishment, an accomplishment for which Dr. Douglas Steere, Director of the unit, deserves particular credit. It should be realized that these graduate students, in addition to their specialized work, attend many of our normal courses—in Economics, French, German, Philosophy and Spanish, thereby considerably enlarging the registration totals as listed in the table on page 5. Difficulties in coordinating the Quarter System of R. and R. with the Semester System to which the regular College still adheres have somehow been overcome, as also in the case of electives allowed the Pre-Medical students who are on still a third calendar.

Of the 22 R. and R. members who started their post-graduate training at Haverford a year ago, 17, of whom all but one are women, are now back to complete their fifth and last quarter. Their Summer was spent in approved field work projects, five directing A.F.S.C. work camps, five others taking staff posts at institutions for delinquent women, two working at a Polish Refugee Camp in Mexico, one with U.N.R.R.A. and the others in equally significant activities. The incoming group is composed of 20 women and 5 men, of whom the former are housed in Government House, with Dr. and Mrs. Wylie as house directors. The original unit is again located in Language House, with Mr. and Mrs. Asensio in charge.

Of the members of the new unit 4 come from the Pacific Coast, 4 from the South, 7 from the Middle West and 10 from the East, a geographical dispersion which recalls that all members of the first I.N.S. unit are from west of the Mississippi. The greater catholicity of viewpoint given Haverford by the wide geographical distribution of those now in residence on the campus is welcome, as is the broader national reputation which results.

The R. and R. girls have, on the whole, merged so satisfactorily into campus life, and contributed so much to the College, as to justify the suggestion that this graduate unit might desirably be maintained as a permanency, the more so because the need for relief workers will become greater, not less, with military demobilization. I am inclined to favor this outcome, provided another residential house can be allocated to the unit when Language House and Government House revert 100 per cent to the distinctive and valuable undergraduate purposes for which they were created.

FINANCIAL OUTLOOK

The College attendance at the present time, exclusive of E.S.M.W.T. enrollment, is thus composed of 125 Civilian Undergraduates; 42 Graduate Students (R. and R.); 26 Army Pre-Medical and 40 I.N.S. In Service trainees, making a total of 233 as against 522 at this time last year and a normal of 350. By the new year, however, the total will certainly sink to under 200 and possibly to under 150.

This explains why the financial outlook is grim, even though the operating surplus for the past three years has fortunately wiped out most of the accumulated debt from earlier operating deficits. The larger part of the loss of anticipated revenue from a Reservist Unit, to which is added income lost by the premature elimination of our Army Pre-Dental students, has been covered by economies already made. Nevertheless, as I reported to the Board of Managers on September 15, the anticipated deficit for the current fiscal year stands at \$98,185.30 and no large proportion of this can be safely reduced by further curtailments. The plan for a contributory pension system for non-faculty employes, as recommended in my last year's report and on which Albert Linton and others had done much careful preparatory work, is now necessarily postponed, as are other desirable expenditures. As yet I have not advocated any salary cuts and greatly hope this can be avoided, even though faculty and administrative salaries on the relatively generous Haverford scale constitute almost exactly half of our expenditure commitments for the current fiscal year. But the only alternative to salary cuts is to raise substantial new revenues and the question here is: How?

Study of the Treasurer's Report will show that additions to the College endowment for the past fiscal year amounted to \$82,072.47 while donations for current purposes totaled approximately \$20,000, including a generous gift of stock which the donor expects the College to sell for current use. This 4 to 1 disproportion between donations for capital account and for current outlay results from one large bequest. Nevertheless the ratio emphasizes the desirability of a change of emphasis for the duration of the emergency period. Instead of favoring further endowment increase, supporters of the College should as a temporary policy cooperate in tiding it over the difficulties of the wartime period. I shall be frank to say that, almost three years after Pearl Harbor, my ingenuity in obtaining current revenues from sources other than donations is nearly exhausted.

This thinking is fortified by the substantial success of the "Library Associates", launched just a year ago. No reflection on any individual is involved in saying that a lethargic inertia, easily and frequently confused

with the vital tradition of Haverford, must be held responsible for the fact that we did not take this step until years after similar action had proved successful at other colleges. As the Librarian shows in his report, and largely as a result of his effort, a single year of experience has now done much to compensate for earlier inactivity. The Associates have greatly increased community interest in our excellent Library, and have stimulated a flow of very valuable presentations. Beyond this the organization brought in, during the last fiscal year, membership fees and cash contributions of \$1,004 from no less than 163 separate families and individuals, many of whose names appear for the first time on our list of donors. The Library Associates, during the current year, might well be urged to assist in sustaining, not merely embellishing, an organ of the College which under its present able direction has demonstrated much more than intramural value.

Following the same line of reasoning a step further, it seems high time that our Alumni Association should be encouraged to establish, at least for the duration of the emergency, a sustaining fund of which all receipts would go towards meeting the current expenditure of the College during the year in which they are raised. In this manner Earlham College, with a smaller and poorer alumni body than Haverford, has already this year raised over \$12,000 towards meeting its current budgetary strain. Connecticut Wesleyan, a more comparable case, during the academic year 1943-44 raised over \$70,000 in 2548 separate contributions from its well-organized Alumni. I know of no college other than Haverford which is now failing to mobilize the loyalty of its Alumni for current needs. Yet what we could do in this direction is indicated by the fact that a single active class—that of 1917—on a single solicitation this year contributed \$565 to the Scholarship Fund of that class. At the moment, however, our urgent need is not more scholarships, or more capital accumulation of any kind. It is unallocated current income to maintain faculty salaries and preserve the standing, prestige and accomplishment of Haverford as a going concern.

Convinced both of the desirability and necessity of an Alumni Sustaining Fund, contributions to which will be deductible for income tax purposes, I suggested its inauguration at an executive committee meeting of the Alumni Association on September 27. The step would involve dropping the All-Haverford Plan for the duration, but with intercollegiate athletic contests now sharply curtailed, and travel difficult, the advantages of that Plan are much contracted. The executive committee responded favorably to my suggestions and steps looking towards the formal establishment of the Sustaining Fund are now being taken.

May I urge all Haverford Alumni present today actively to throw their

weight behind an undertaking which should simultaneously stimulate loyalty to Haverford in its time of need and also materially assist solution of the current budgetary problem. Heretofore, in spite of the protracted strains of war, I have made no general appeal for Alumni financial support. Through the medium of this report I do so now. I would like to see the flow of checks start tomorrow, payable to Haverford College. Whether sent in the first instance to me, to the Alumni Association, or to Henry Scattergood as Treasurer, they will be duly credited to the individual alumnus, to his class and to the Alumni Sustaining Fund of 1944-45.

THE COLLEGE AND THE COMMUNITY

The service of the College to the Community, in ways other than those already indicated, has continued to be pronounced during the period under review. The E.S.M.W.T. program, which has now completed its third year of operation on the campus, is of perhaps particular interest as a practical form of adult education in which our share entitles us to modest satisfaction.

During the first year of these evening classes, where the instruction is given almost entirely by Haverford faculty or alumni, the total enrollment was 98. In 1942-43 it increased to 148 and last year mounted to 180, even though the effect of the draft has been increasingly to limit those enrolled to women and older men. Most of the students live close to the College but work in various parts of the Philadelphia area, as draftsmen, designers, tool-makers, electricians, chemists, engineers, researchers and inspectors.

Many letters of appreciation regarding the courses have been received. The Vice-President of the Autocar Company, from which we have had some 60 worker-students, says that: "The individuals who have taken these courses have benefited to an extent which has made them definitely more valuable to the Company". After completing a course a young woman writes us: "I miss my school evenings at Haverford College. I wish it were Co-ed. I would be the first girl to register".

It should be emphasized that much E.S.M.W.T. instruction is easily of college grade and that some of the students are college-trained. One member of the Electronics Course is the Chief Research Engineer of a very important company and has brought to the campus for solution an industrial research problem of great technical interest. With the retirement of Professor L. H. Rittenhouse, who from the outset has served most competently as institutional representative for the U. S. Office of Education in this important program, its supervision passes to Professor Clayton W. Holmes, Acting Chairman of our Department of Engineering.

Open to the public last year were the Tuesday morning Collections, addressed by a number of important speakers, among whom may be mentioned Oswald Garrison Villard, Howard Kershner, Rev. Stephen F. Bayne, Jr., Dr. Edward H. Hume, Dr. Duncan Spaeth and Earl G. Harrison. More notable, because speaking as part of a more coordinated program, was the series of distinguished Europeans brought to the campus to conduct seminars in the R. and R. program, frequently extending to meetings with both the A.S.T.P. and regular civilian students. Among these guests were Dr. Heinrich Bruening, Wolfgang Stressemann, Robert Ulich, William Sollmann, Father Damasus Winzen (German); Professor Halecki, Baron de Ropp (Polish); Antonin Basch, Joseph Hrdmadka (Czech); Hendrik de Kaufmann (Danish); Valery Tereshtenko (Russian); Signe Mikkola (Finnish); Halvdan Koht (Norwegian).

The success of these R. and R. seminars is not unconnected with the establishment of the Main Line Forum, of which the opening meeting, with Judge Curtis Bok speaking on "Problems of Youth", will be held in Roberts Hall this Thursday evening. Much school, church, and civic interest has been aroused in this significant community undertaking, addressed to the winning of a lasting peace, and great appreciation is due Dr. Edmund H. Stinnes, of our Department of Government, whose vision and energy are primarily responsible for its initiation. Because of the greater moment of these evening public meetings Tuesday Collections, except on call, will not be held this semester.

In mentioning distinguished campus visitors a special acknowledgment is due to Dr. John W. Flight who, serving as unofficial chaplain for the Pre-Meteorology Unit, last winter brought to the Inter-Faith Vesper Services in Roberts Hall an inspiring list of religious leaders, including our own Dr. Rufus Jones; Rabbi W. H. Fineshriber; Bishop O. J. Hart; Mother Mary Lawrence; Rev. Andrew Mutch and a number of others no less celebrated. Extra-curricular undertakings of this character are partly responsible for the expressed desire—and formal application—of many of our Army students to return to Haverford after discharge. Many of these, like our regular students in service, frequently spend part of their precious furloughs revisiting the campus. They are welcome for themselves, and as substantial evidence that Haverford has won the hearts of the G. I. Joes, of very varied backgrounds, who in the past two years have experienced its influence. Worthy of consideration in this connection is the result of an inquiry made in our Pre-Medical Unit, showing that 12 of its 26 members, who complete their studies here in December, could not have aspired to the medical profession except for the financial help afforded by A.S.T.P.

The Shipley Lecture during the past year took the form of a delightful

variety of sketches, before what may with understatement be called an overflow audience, by Cornelia Otis Skinner. This was on January 12. The Library Lecture was given by Dr. W. W. Comfort on April 27, with "William Penn's Religion and Government" as his subject. Special displays of our rich Penn material in the Quakeriana Collection are being made during the Tercentenary Celebration, in which many Haverfordians are playing an active part.

One reason for welcoming the Immigration and Naturalization Service trainees is that the presence on the campus of these civil servants is more stimulating than any text book in developing student appreciation of governmental function and operation. Active cooperation of the College in governmental undertakings of a public service nature is increasing. The most outstanding example this year has been a survey of the self-employed in Philadelphia, undertaken during April by the R. and R. unit at the specific request of the Social Security Board, in order to collect data bearing on the possible extension of social insurance to this category of workers. In reference to this undertaking John J. Corson, then Director, Bureau of Old-Age and Survivors Insurance, for the Social Security Board, wrote on May 17: "All the members of our staff who were associated with the survey in Philadelphia were impressed with the interest which these young people took in the work".

Three-College cooperation, between Bryn Mawr, Haverford and Swarthmore, made further substantial progress during the year, which also saw a merger, under Haverford direction, of the Bryn Mawr and Haverford undergraduate radio stations. Faculty interchange has been intensified as a result of wartime conditions. Six Haverford undergraduates are this semester taking seven Bryn Mawr courses (Chemistry 3; Psychology 2; Economics 1; History 1) for Haverford credit. In addition three members of the R. and R. unit are studying Russian at Bryn Mawr. Dr. Louis C. Green, of the Haverford faculty, is now on leave of absence from Haverford to direct the Department of Physics at Bryn Mawr.

The Three-College cooperation also proved effective in plans looking towards the establishment of an Association of Friends Colleges, and in arrangements for financial assistance to discharged C.P.S. men, in both of which President Nason of Swarthmore and I worked in close collaboration, with each other and with the American Friends Service Committee. Action implementing Haverford's part in these developments was taken by the Board of Managers at its meeting on September 22.

During the past year the campus and facilities of the College have been made available to many local groups, such as the Boy Scouts of the Main Line District; the Main Line Cooperative Association; the Norwegian

Seamen's Church; the Main Line Community League Inter-Racial Chorus, from all of which grateful and appreciative acknowledgments have been received. The College is undoubtedly fulfilling its responsibilities to the community as an institution "affected with a public interest". As a result we are entitled to claim a larger measure of community support.

COLLEGE ORGANIZATION

With one exception, to be noted later, the administrative organization of the College, as developed and revised during the past four years, has proved both adaptable and efficient for meeting the strains of total war.

Particularly satisfactory to a responsible executive is the present certainty that the institution could continue to function successfully independent of the services of any member of the staff, myself included. There is no "indispensable man" at Haverford, which is as it should be in a democratic organization where the integration of the whole must be regarded as far more important than limelight for any individual. A great deal of effort has been spent in achieving this integration, not at all by discouraging the zealous individual contribution which is so essential to corporate accomplishment but by ceaselessly encouraging that teamwork and orderly cooperation which all athletic coaches, if not all presidents, know to be basic for enduring success.

The outline of administrative organization now seems to me substantially complete, and competent to meet the problems of the post-war period as it has met those of war. The Academic Council, of which a majority are elected by the faculty without any executive advice, should continue to serve both as an advisory body for the President and simultaneously as the executive organ of the faculty. The Council has proved itself competent to supplement and assist, without replacing or duplicating, the work of the Standing Committees, which the President continues to appoint. The Academic Council, the minutes of which show that my function is primarily that of chairman, has accomplished much more than the elimination of any risk of that administration vs. faculty antagonism which so seriously hampers some colleges. It has also during the wartime period enabled the College quickly and smoothly to solve problems which I believe would otherwise have been almost insurmountable.

The elected faculty representatives on the Board of Managers, who are also *ex officio* members of the Academic Council, likewise perform a most useful function, much more so than their perhaps excessive modesty at Board meetings indicates. The presence of these members, let it be freely admitted, is a constant and healthy check on any presidential tendency to state a college problem in incomplete or prejudicial terms. And these

representatives are in a position to, and are expected to, report their own interpretation of Board actions back to the faculty without any presidential editing. It may be observed that in their *ex officio* function as my advisers in all matters of regular faculty appointments and promotions, a significant development noted in my report a year ago, these faculty representatives are not as reticent as they customarily are at Board meetings.

So far the Board has not seen fit to give the faculty representatives appointments on any of its Standing Committees. This is perhaps due to my failure to urge a step which I have heretofore regarded as somewhat outside my prerogative. Since it is my conviction that such appointments would further develop that policy of integration which I deem essential for the full success of Haverford, I shall use the medium of this report to urge that the faculty representatives on the Board of Managers, like those of the alumni, be given responsible committee assignments at the earliest appropriate opportunity.

Another development to which I am giving serious consideration is the appointment of an elected Dean of the Faculty, who would sit on the Academic Council in that capacity, who would preside over all faculty meetings, and who would have a particular responsibility to further inter-departmental cooperation, to suggest instructional improvements to individual teachers and to advise the President confidentially in regard to weak points in our professional accomplishment. It is a part of my duty to inform you that Haverford has some academic deficiencies.

On my recommendation the Alumni Association has this Fall taken the somewhat revolutionary step of appointing as Alumni Secretary, for the remainder of this academic year, a member of the College administrative staff who is not himself a Haverford alumnus. I would like to express my appreciation of this very cooperative step and to explain briefly, for the benefit of the many alumni to whom this report will be sent in printed form, why it is significant.

If the alumni are to be kept in touch with the College, and encouraged to provide assistance where it will be most effective, it will not be enough for the President to give an occasional talk at the Haverford Club in Philadelphia and to make an annual appearance at the formal dinners of the various regional groups. Of at least equal significance will be close and continuous collaboration between the administration and the campus representative of the alumni organization. This day-to-day working cooperation I have sought to develop over the past four years, greatly assisted by the advice of various Alumni Association executives and their constant disposition to meet me at least half-way in every step suggested.

My belief that a hand-picked young alumnus, just out of college, should

hold the alumni secretaryship for a year or two, serving simultaneously as director of publicity, managing editor of *The Haverford Review* and confidential adviser to the President on undergraduate concerns and problems, was early indorsed. Unfortunately the effect of the draft has been such that, since Wayne Moseley, none of the very able young men selected has been able to hold the Alumni secretaryship for even a single year. Yet in spite of this discouraging turnover the theory of having as Alumni Secretary one who is also a responsible assistant to the President has proved sound. As long as the two masters have the identical objective of Haverford's welfare this man can serve them both, incidentally with economy both for the Alumni Association and the College.

This coordination has now been emphasized by the naming as Alumni Secretary pro tem of Brinton H. Stone, my assistant and secretary of the Academic Council, who is beginning his third year at Haverford, who has developed a wide alumni acquaintance and who is draft exempt. Mr. Stone has qualifications for the post which tend to outweigh the fact that he is a graduate of Johns Hopkins—no offense is there intended—and this appointment augurs well for the efficient development of the Alumni Sustaining Fund already referred to in this report.

The exception to efficient administration which I have mentioned can properly, though not with pride, be attributed to the unusual demands and complications of detailed accounting to the Government for our outlay in behalf of military units. In the test we found that our business office at the College was simply not equipped to handle this difficult technical work satisfactorily. The revelation of our deficiencies, however, will undoubtedly prove of long-range advantage to the College.

As the difficulties became serious I asked Professor Howard Teaf, last Spring, to undertake a thorough examination of our entire business office procedure, in cooperation with Henry Scattergood in his capacity as Treasurer of the College. Dr. Teaf, who was already serving as the Coordinator of Military Units, undertook this onerous assignment with his customary energy, efficiency and tact. He was assisted by Dr. Aldo Caselli, who had first been appointed as an instructor in our Italian Language and Area Study Unit and who was kept on after its dissolution in part because of his technical proficiency as an accountant. Occasion was taken to initiate a number of overdue reforms in our antiquated method, or lack of method, in bookkeeping, in taking inventory, in purchasing procedures, in keeping records and in other routine but all-important business practices. These reforms were for the most part put into operation, in the interests of economy and efficiency, at the beginning of the current fiscal year.

On October 1 these changes were signalized by terminating the office of Comptroller as such and by separating the functions heretofore directed by Mr. Wills, on whom an almost unendurable strain has devolved since the beginning of our complicated wartime relations with the Government. Mr. Wills is now concentrating on the duties of Registrar, which have been enlarged by transfer to him of certain recording functions properly belonging to that office but heretofore handled by the Dean. Dr. Caselli is serving as Bursar, with complete responsibility under me for all College accounting and financial operations not handled in the Treasurer's office, or by the Finance and Investment Committee of the Board.

I have also requested Mr. Wills, in cooperation with the Librarian, to start the collection and classification of material essential for the eventual writing of a second volume of a really definitive History of Haverford College, which I think should be designed to cover the period from 1893 to 1953, supplementing the admirable published record of our first sixty years which is still of perennial interest and value.

IN CONCLUSION

That research assignment to Mr. Wills is of itself evidence of my complete confidence in the future of Haverford. The year ahead will be difficult, perhaps the more so because, as a result of our earlier efforts, we have not suffered in a material sense during the first three years of our national participation in the war. Now the pinch has come and it will be severe. A prospective deficit of almost \$100,000 during the current fiscal year is not to be regarded lightly. But I am confident that we shall surmount this, as we have surmounted earlier problems.

It has sometimes seemed to me that Haverford has a certain well-bred reluctance to exert itself to its full capacity, whether on the athletic fields, in the Library, in the class rooms or in Roberts Hall. This year that reluctance must be overcome, cooperatively, by all, not just a few, members of our fraternity. It is the testing period. I think every part of our community—students, faculty, administrative officers, alumni and managers—will rise to the occasion.

FELIX M. MORLEY,
President.



REPORT OF THE LIBRARIAN FOR 1943-44

To the President:

I submit herewith the Report on the Library for the academic year 1943-44.

I

The chief event of the year was the successful establishment of the "Library Associates"—the climax of a long-standing policy of community service. For many years we have encouraged neighbors to use the library as freely as though they were regular students of the college. After many years' experience I can testify that this policy has neither interfered with our primary obligation of educating young men and women nor has it opened our doors to any greater proportion of undesirable readers than are accidentally found among our own students. On the positive side, the policy has been of great benefit: the good-will of friends and neighbors has been expressed by a constantly increasing stream of donations, many of which consist of attractive popular works (a welcome leaven for our professional erudition); and the presence of adults and of ladies has often had a sobering effect on some of our more heedless undergraduates. (In a later section of this report, note that the number of volumes received by gift far exceeds the number acquired by purchase).

It was, therefore, a natural and logical step (perhaps long overdue) to organize our friends and neighbors into a permanent body, who would, in the broadest sense, give the library their support and encouragement, and would meet occasionally, in a spirit of fellowship, to enjoy its atmosphere more intimately.

The steps by which the association has grown to a body of over two hundred and fifty members, with almost a thousand dollars in its treasury, are worth recording.

On November fifth, 1943, fifty-seven guests of the College met at dinner in the Common Room to consider the proposed organization, and to listen to the judicious remarks of a neighbor, Catherine Drinker Bowen, who had collected material in the Haverford Library for a now famous book, and to the witty "address" of one of our most distinguished alumni, Christopher Morley, '10, who had come under the spell of the Haverford Library at more different stages of his life than any living person.

The officers appointed for the first year were: President ("without portfolio"), Christopher Morley; Vice-President, W. Nelson West, 3rd; Secretary, Dean P. Lockwood; Treasurer, Margaret Taylor MacIntosh; and to assist these officers as members of the Executive Committee, President

Felix Morley, President emeritus William W. Comfort, Catherine Drinker Bowen, Thomas E. Drake, John F. Gummere, Harrison Hires, Walter C. Janney, and Ames Johnston.

Three *Bulletins* (the official publication of the "Associates") were issued by the Secretary on November twentieth, December twenty-seventh, and March first. Inaugurating an exhibition of autograph letters in the Treasure Room, Professor Edward D. Snyder spoke on *Letters in Literature* at the first regular meeting on Sunday afternoon, March twelfth, 1944. The exhibition centered about the rich collection of literary correspondence presented to the Library by Christopher Morley—the greatest single donation ever made to supplement our already famous Charles Roberts Autograph Collection. Fifteen other associates contributed interesting exhibits, the rarest being those loaned by Walter C. Janney, who subsequently presented to the Library two remarkable holograph letters—that of the youthful Napoleon and that of Woodrow Wilson to Andrew Carnegie.

Bulletin No. 4 was issued on June first, as an invitation to the second regular meeting, on Sunday afternoon, June eighteenth, at which Samuel Scoville, Jr. spoke on *Collections and Recollections* (literary and bibliographical, for the most part). At this meeting four "elder statesmen" whose services to the Library had been outstanding were made honorary life-members: William W. Comfort, Rufus M. Jones, Morris E. Leeds, and Walter C. Janney.

The future of the Library Associates will depend upon the variety of activities initiated and the enthusiasm with which they are carried out. Many such organizations have followed a conventional routine to the point of stagnation. The disposition of the funds collected by the association for the benefit of the Library will be decided at the end of the current year.

II

An encouraging feature of the "library in action" continues to be the student morale. Improvement began to show itself three years ago, when we moved into our commodious new quarters. It would, of course, be unfair to ascribe the improvement wholly to physical causes, for the relief of overcrowding, which may have benefited student conduct, is a purely negative matter. The improvement, moreover, to the best of my belief, has gone steadily on during the three years of our occupancy of the new building. It is evident therefore that there have been more important factors. I am not sure that I am cognizant of them all, but, in the first place, the seriousness of the war effort and of the accelerated program has surely had something to do with it. Credit may also be given to the presence of older

students in the military units. Coeducation has also helped, for there is no doubt that young women work more steadily and conscientiously than young men.

It is to be hoped that further good results will come from the extension of the honor system. The existing library rules have been embodied *in toto* in the official "standards of conduct". Perhaps through the honor system something can be done to solve one of the most difficult problems of student conduct in the library: the temporary, surreptitious removal or hiding of "reserve books" at times when the cooperative spirit should prevail.

III

During the past summer the final step was made in the arrangement of the books in the present library building. The old division of our collection into two groups of books, those frequently used and those stored away in the old stack, had long since become an anomaly and had broken down in practice. After thorough study of all possibilities, with a view to merging the two groups, it was decided to locate the main subjects in those parts of the building best suited in size and convenience for each. Very appropriately, the most venerable subjects, philosophy and religion, fitted into the North Wing; and the South Wing accommodated the modern languages and literatures. The social sciences fitted neatly into the first three floors of the stack. All remaining subjects—exclusive, of course, of the natural sciences, whose main collections are in the laboratories—were accommodated in the large fourth tier of the stack. The locked fifth tier has proved to be extraordinarily useful for the storage of archives and duplicates and other collections not in circulation.

IV

We wish to express our gratitude to our many friends for their donations of books or funds. In the report of the Curator of the Quaker Collection, some of the rarer items are mentioned. Among the nearly two thousand books (including duplicates) received from 269 donors, the following are especially noteworthy:

From Clarence Tobias, 168 volumes and 16 boxes of pamphlets, collected by him to be the nucleus of a special collection called "The Writings of Rufus M. Jones".

From Nicholas and John Reitzel, 750 books from the library of William A. Reitze!

From Mrs. T. Ellis Barnes, 202 volumes from the estate of her husband.

From Elizabeth Williamson, 160 volumes of general literature.

From the estate of David Calvin Weller, 19 books selected from a collection of 70 to be distributed to Germanic societies.

From the Emlen family, a large number of Quaker books and pamphlets, of which 78 have been accessioned to date.

From Friends Historical Library, Swarthmore, 55 volumes.

From Mrs. M. V. Melchior, a valuable set of the complete works of Voltaire

From Christopher Morley, the third London edition (1632) of the "Essayes" of Montaigne, and a copy of Francis B. Gum-
mere's novel, *The House of Cards*, now a rarity.

From William S. Hall, a copy of André Favyn (or Favine), *The Theater of Honour and Knighthood*, London, W. Iaggard, 1623—"brother in ink" to Shakespeare's first folio.

From Henry J. Cadbury, 36 volumes of antiquakeriana.

From Edith Howland, 28 Quaker books and pamphlets.

From Pendle Hill, 28 Quaker books.

From Charles Henry Moon, 22 Quaker items.

From Margaret Cope, 19 Quaker items.

From Mrs. John Koons, 14 volumes of "Life".

V

The total number of volumes in the Library at the end of August, 1944, was 164,587. During the past year 3809 volumes were added; 1256 by purchase, 1509 by gift, and 1044 deposited by the United States Government as a part of our Depository Collection. This does not include the hundreds of pamphlets which are classified but not catalogued. The number of volumes discarded, as worn out or of no further use to the Library, was 490.

The total circulation of library books was 14,737. Of this number, 3335 were loaned to professors, 8643 to students, and 2759 to borrowers not connected with the college. In addition to the above, the circulation of books through inter-library loan has increased yearly. This year we loaned 334 books and borrowed 82, mostly from cooperating libraries in the vicinity. Many of our students preferred to borrow directly from nearby libraries.

During the year we have sent about 2500 cards to the Philadelphia Union Catalog, and a copy of each author card made for our Quaker collection was forwarded to the Library of Congress Union Catalog. The former cards were loaned to the Bryn Mawr College Library first.

We have also checked the supplement to the Union List of Serials, and submitted all our new serial entries to the H. W. Wilson Company, for insertion in the supplement.

Mrs. Julia Hutchins was a member of the staff for part of the year, occupying the position of Army Reference-Librarian.

DEAN P. LOCKWOOD,
Librarian.



REPORT OF THE CURATOR OF THE QUAKER COLLECTION 1943-44

Haverford's collections of Quaker books and manuscripts and rarities of general interest continue to grow, as more and more friends decide that their choicer possessions are assured a safe home in the new Treasure Room. During the past year forty-seven donors contributed 1,910 manuscripts, maps, and pictures to the library, of which 1,796 were particularly of Quaker interest. Foremost among the Quaker items was a magnificent manuscript volume, in a seventeenth-century hand, of epistles of George Fox and other leading Quaker ministers to the members of the Society of Friends in America. The book was given to the College by Mrs. Edward Wanton Smith and Anna Wharton Wood, in whose family it had remained since it was signed in 1714 by its first identifiable owner, Thomas Richardson, of Newport, Rhode Island. Large additions were also made to the Allinson Collection by Caroline Allinson, and to the Taylor Collection by Margaret Taylor MacIntosh. *

William Penn's first map of Pennsylvania, prepared in 1681 immediately after King Charles's grant of the Province, and sold by John Thornton in London, was presented by Francis J. Stokes, '94. Haverford's copy, which formerly belonged to Colonel Henry D. Paxson, is one of the five known examples of this earliest Pennsylvania map in the United States.

The Autograph Collection was enriched by letters of Woodrow Wilson

and of Napoleon, the gift of Walter C. Janney, '98. Richard L. Barrows presented a large group of autographs, many of which were previously unrepresented in our collections. Professor Frank W. Fetter's gift of nine autographs of prominent American and British commanders in South-eastern Asia is probably the most up-to-the-minute collection that we have ever received. Christopher Morley added to our Joseph Conrad items a manuscript cablegram in Conrad's hand, as well as an autographed copy of *Lord Jim*. Mr. Morley also gave to Haverford, Conan Doyle's manuscript of *An Iconoclast*. But Mr. Morley's chief gift—a notable supplement to the Charles Roberts Collection—was his file of some two-hundred letters from over a hundred modern authors. The part which this collection played in the first meeting of the "Library Associates" has been described by the Librarian on the second page of his Report.

Among the forty-three pictures received was a Turner drawing of interest to cricketers, "Brighton Cricket Ground", presented by Mrs. C. Russell Hinchman.

The back files of the T. Wistar Brown Teachers Fund, a foundation to assist teachers in Friends' schools to further their professional training, have also been transferred to the College.

Among the Quaker books and pamphlets which were accessioned during the year were 398 volumes which came as gifts, and 130 purchases. Most of the purchases were new publications, which indicates that even in war time the flow of Quaker publications and works of Quaker interest has not diminished. The gifts helped to fill gaps in our collection of earlier Quaker writings. Of special interest were fifteen rare examples of the pamphlet publications of the so-called "Primitive" Friends of Pennsylvania, which William Bacon Evans contributed.

Rufus M. Jones has continued to add new volumes to his collection of works on mysticism, but the most notable gift of the year in this respect was that of Clarence E. Tobias, Jr., M.A. 1930, who gave to the College his great collection of the published writings of Rufus Jones, including 169 books, and sixteen boxes of periodicals and pamphlets. A published bibliography of these writings, prepared by N. Orwin Rush, Librarian of Colby College, has also been received, and will be added to this great memorial of Haverford's beloved philosopher-teacher.

Students in the Reconstruction and Relief Unit used the Quaker Collection to good advantage during the year. Of particular value in their study of relief problems abroad were the manuscript files of the American Friends Service Committee, which are being arranged and catalogued by a member of the Service Committee staff, Dr. Walter Fales.

We have made a special effort to obtain files of the published newspapers and periodicals of the Friends Civilian Public Service Camps. Many of the papers come to us regularly, and fifty folders of back files were deposited with us from the libraries of camps which have been closed.

Special visits to the Treasure Room were made during the course of the year by students from the Baldwin School, by members of the Library Associates, by the Haverford Township Historical Society, and by various other groups. Fourteen research scholars, from states as far removed as Maine and California, used the Quaker Collection during the year. Local readers and visitors are coming in increasing numbers. Members of the Library Associates, acting as volunteers, enabled us to open the Treasure Room on several Sunday afternoons during the Spring.

THOMAS E. DRAKE,
Curator.

REPORT OF THE MORRIS INFIRMARY

The report of the Infirmary for the year, 1943-44 is as follows:

The report of house patients is as follows:

	1943-1944	1942-1943
Patients admitted	192	214
Total time (days)	595	984

Diseases are classified as follows:

Grippe and respiratory	80
Intestinal	39
Joint conditions	8
Miscellaneous	65

Total number of visits of dispensary patients:

	1943-1944	1942-1943
Medical	5,352	2,236
Surgical	2,681	1,657

Conditions are classified as follows:

Upper respiratory	1,079
Fracture	6
Sutures	6
General	1,709

1944 - 1945



REPORT OF THE PRESIDENT

*Presented at the
Annual Meeting of the Corporation
of Haverford College
October 16, 1945*

THIS report to the Corporation, to be read at the annual meeting by Acting President MacIntosh, is written at some distance from the Haverford campus by one who no longer has administrative responsibility at the College. The situation presents an opportunity for completely detached analysis of which advantage should be taken. Consequently, this report will concern itself very little with detail, and largely with an attempt to consider problems of the post-war period in the light of recent experience.

In a material sense, Haverford has come successfully through the war years. Instead of suffering deterioration, the plant has been largely improved and modernized. The dormitories, kitchen, classrooms and general equipment are ready to accommodate the enrollment of 400 which has been approved by the Board of Managers as the desirable post-war maximum.

The chief deficiencies are in the power plant, and to a less extent in laboratory equipment. Arrangements have been made for taking advantage of surplus property disposition to meet some of these needs. The requests of the Chairmen of the Scientific Departments for modern laboratory apparatus should be taken very seriously, for there is no reason to believe that the scientific side of the College work will lessen in actual or relative importance during the post-war period. The war-time installation of an outstanding electronics laboratory should be followed by parallel advances in other lines.

Even the most casual observer now realizes that the development of the atomic bomb marks one of the great dividing lines in history. The overshadowing question is whether mastery of the dreadful secret of nuclear fission shall be used for destructive or for constructive purposes. Haverford might well consider the opportunity to assume leadership on the positive

side of this field of research. Professor T. O. Jones, still on leave of absence, has given much thought to the subject.

The financial position of the College would permit reasonable investment in this and other fields of development. The Treasurer's Report gives figures of the satisfactory results of the last year. There is no disposition to suggest that this further operating surplus, and the practical elimination of the debt of approximately \$100,000 which hung over the College five years ago, is of itself a notable accomplishment. On the other hand, no educational institution can make headway on a basis of insolvency. Financial stability, without any salary cuts and with payment of reasonable extra salaries for Summer Term teaching, has been achieved. There is a solid foundation for post-war operations.

This accomplishment, for the difficult year under review, could not have been made except for the success of the Alumni Fund, established in September, 1944. Significant for the wide dispersion, as well as the amount, of contributions, this Fund has demonstrated the great loyalty to the College of graduates of sharply varying age and background. The love of Haverford embedded in the hearts of a very large proportion of its Alumni is an asset of great value to the College. The privilege of giving, as an annual function, should unquestionably be maintained. The Alumni Association, whose officers never failed to respond helpfully to every form of cooperation which I suggested during my presidency, should be encouraged to decide among suggestions made to them as to uses of the Alumni Fund, after student enrollment recovers to the extent that a deficit is no longer threatened.

Behind the successful financial showing lies a long and arduous effort to modernize business practices at the College, and to institute control methods permitting the responsible administrative officers to review all details of the financial position at any time. In September, 1940, such methods were completely lacking. How well they have been established may be judged from examination of the first Annual Report of the Comptroller, Dr. Aldo Caselli, as submitted to the Treasurer of the College on September 19, 1945. Haverford is not merely in a strong financial position. It has also developed fiscal procedures which, given a reasonably stable currency, should make it relatively easy to maintain this happy situation.

To insure the favorable financial position, the investment policy of the College must be both flexible and well-informed—far more so than during the more predictable pre-war years. Investment policy is not regarded as a primary responsibility of the President of the College. But it is a matter of primary importance to an endowed institution and therefore one on which the responsible administrative officer should not hesitate to express a

matured opinion, the more so since he an *ex officio* member of the Finance Committee.

Devoted as are the services of the active members of this Committee, it seems desirable that professional investment counsel should be employed by them, developing a start made in this direction during the past two years. I am further of the opinion that sales and purchases of securities should be dispersed among various investment houses where we have strong Alumni representation. This would increase good-will, bring useful advice and develop interest in our investment problems. It would be beneficial if qualified faculty representatives were more informed on the operations from which they derive the larger part of their salaries. The current portfolio of the College might well be published annually as a supplement to the Treasurer's Report.

It is easier to say that the College has prospered in the material sense than to be certain that it has not suffered spiritually during the war-time period. The position here cannot be analyzed in a balance sheet comparison. On the whole, however, the spiritual values—which are the basic values—of Haverford have probably been more critically re-examined and are now perhaps more positively supported on the campus than has been the case for many years. It is my belief that Haverford should always emphasize spontaneous rather than disciplinary spiritual activity. For that reason I regard it as unfortunate that the Board of Managers did not more actively interest itself in the underlying psychology of the war-time undergraduate effort to extend student self-government to all phases of campus life. The endowment of special pre-theology scholarships, in memory of Elihu Grant, was a step of significance to the spiritual life of the College taken during the past year.

The College was severely hampered during the war-time period by the absence of a strong, well-rounded and dynamic leadership in the Dean's Office, a lack exceedingly difficult to meet satisfactorily during the manpower shortage. In securing the services of Gilbert Hoag as Dean, I believe this deficiency has been met. It is a key position, calling for an intimate understanding of the psychology of youth in a period of profound change, as well as a deep appreciation of the value of the Haverford tradition. The position demands as much resiliency, poise and equanimity of temper as does the presidency itself. A brief annual report on student morale from the Office of the Dean might usefully be appended to the President's Report, in the same way that reports from the Librarian and the Medical Director are now attached.

Haverford derives a great advantage from its affiliation with the Society of Friends. On the material side, the connection assures a nucleus of

students from Quaker families of a type which any educational institution would be happy to include. It is also a factor of importance in the relative prosperity of the College, since Philadelphia Quakerism is well-fortified financially. Limitation of other types of students, in favor of desirable Quaker applicants, is always justifiable at Haverford.

The Quaker connection, not linked to a single Meeting but embracing the whole Orthodox stem of the Society, has given the College much of its educational distinction. This is in part due to the peculiar talent achieved by Friends in the field of education—exhibiting a happy combination of liberalism in outlook and conservatism in action—and in part to the extent to which spiritual considerations permeate the life of the convinced Quaker. It is essential that this appreciation of spiritual values should be implicit in all aspects of undergraduate training.

Arnold Toynbee points out that during the chaos of the Eleventh to Fourteenth Centuries the Papacy was able to carry civilization forward because of "its enlistment of the purest souls and ablest wits and strongest characters of Western Christendom in the service of the Holy See . . . it offered them scope for living lives and doing deeds for which there was no opportunity in the secular world."

If, as seems all too apparent, we are now experiencing a modern parallel of the Dark Ages, it is of fundamental importance for Haverford to lay even greater emphasis on the quality of its faculty than has been the case in the past. One may reflect on the trinity of virtues possessed by Medieval Catholic leaders as described by Toynbee. Haverford has had more than its share of "the purest souls" and a fair average of "the strongest characters" among its teachers. But the "ablest wits" are sometimes discouraged. A part of the Quaker tradition which Francis B. Gummere and Rufus Jones proved to be superfluous at Haverford was the belief that godliness and sprightliness are incompatible.

The most important single factor, for Haverford's post-war success, is a faculty of pronounced distinction. While the College has always been fortunate in possessing at least a sizable minority of outstanding teachers—artists in their profession—Haverford has also been held back by the appointment of mediocre men whose services have been retained long after their mediocrity was all too clearly demonstrated. Because of the baneful effects of the system of tenure, faculty appointments are unquestionably the heaviest single responsibility of the President. A mistake in this function may impede the progress of the institution over a period of decades. Since the faculty must be a fraternity the opinion of its best qualified members should be consulted in making new appointments, in addition to the

approval of the Board of Managers. This policy is now in effect and should be continued.

The result of the various Haverford assets has been to produce undergraduates who are, as a generality, urbane without being shallow; tolerant without being indifferent; thoughtful without being superficial. The product tends distinctly towards idealism as opposed to materialism. In all the professions, especially in medicine and teaching, in the arts, in science, in religious leadership, in enlightened business direction, the College has made notable contributions to society. It has been most deficient in encouraging public service as a career. Haverfordians have not been notable either as crusaders or as politicians, using the word in the correct and not the invidious sense.

Here may be traced certain negative aspects of the Quaker influence, for this has repressive and separatist as well as idealizing effects. The most serious weakness in Haverford training, however, is a certain smugness for which satisfactory justification is often lacking. The College lacks crusading zeal; is unduly satisfied with its methods; is distinctly critical of innovation and tends to shield rather than to expose its priests and acolytes, when human anguish is at issue. Both faculty and students tend to emphasize rights and privileges rather than responsibilities. There is a debilitating conviction that somebody else will in any crisis solve all the problems.

This criticism must be viewed against the background of very great accomplishment. But it nonetheless helps to explain why Haverford men, though they go far, do not more frequently go further. Haverford has too much of that complacency which is fatal to outstanding achievement. If we wish the College to become great, rather than merely to remain good, this issue of complacency must be squarely faced by all elements of the organization, most notably by the faculty.

At least some of this deficiency can be traced to the over-centralization and paternalism which characterized the College organization until the upheaval of the recent war. War-time experience, especially the wholly novel problems brought by the training of military units, forced a diffusion of responsibility and a decentralization of administration which should make the College permanently more democratic and more vigorous without impeding its teaching efficiency. The further development of student self-government was favored by me as a part of this invigorating process.

During the past year much time and energy and serious thought were expended by an able faculty committee, under the very competent chairmanship of Dr. Ralph Sargent, on the general subject of post-war planning. The report of this Committee, and those of its subcommittees, are available

and contain a great deal of extremely valuable material. Certain of its suggestions are already in effect. Sharp disagreement over other issues among members of the faculty led, however, to the Committee's resignation, as of June 2, 1945, with a number of recommendations not adopted. As the presiding officer at a series of meetings at which the faculty examined the Committee's report, I was in a good position to note the particularism, the indifference to the general welfare and the occasional pettiness of outlook which characterized some members of the faculty in attempting to solve a major problem affecting the interests of the institution as a whole. Paternalism and a parochial attitude have produced a situation in which the faculty finds it difficult to work together as a body. It is no great consolation to realize that this same situation exists at most educational institutions, and is perhaps an inevitable result of the unnaturally sheltered conditions of academic life.

The inability of the faculty to agree on a post-war program was not, however, an unmixed evil. In the first place, Haverford instruction has always tended to concentrate on fundamentals, and the value of adhering to fundamentals is emphasized, not minimized, by the chaos of a period of pronounced social change. The effort to elaborate reforms to fit an anticipated social framework is often more than wasted because of human inability to anticipate the shape the framework will take. In the words of T. S. Eliot, much educational reform is an attempt to give our fathers and our grandfathers a better education.

In the second place, the real issue in post-war planning is not the blueprint but the teacher. If the teacher is good, he will meet the problems of a changing age effectively as they arise. If he is not good, no blueprint of new methods and new courses will of itself improve his shortcomings.

In the third place, the demonstrated inability of the Haverford faculty to agree on the character of desirable educational improvements at the College is an object lesson which should be extremely beneficial to the group. In the words of a memorandum which the Faculty Post-War Planning Committee sent me on May 23, 1945:

"One of the chief aims of the Committee has been to lift the faculty from its individually separate interests to a level where it will see the college as a whole, to see it in relation to society of which it is a part, to see the whole college in relation to the pressures of the future, to give a vision of the possibilities for Haverford College in the days to come. It now appears that that aim has, at best, been only partially achieved."

The efforts of the faculty to plan for the post-war College having ended in relative futility, it becomes the duty of the College administration to

take such action as may be deemed desirable. The ideas on which such action should be based obviously have a much better chance of acceptance because of the demonstrated inability of some faculty members to construct as effectively as they can obstruct. The recommendations of the administration, however, should be confined to principles. If these principles are accepted by the Board as a matter of policy, the teachers can be counted upon to work out the details cooperatively. In my opinion, the principles which should be adopted, and which can be adopted with a minimum of upheaval, are as follows:

(1) *Departmental Integration.* Especially in a small college there should be the closest possible interdepartmental cooperation, particularly in fields where a rigid demarcation of instruction is impossible. A good deal in this direction has been achieved during the war-time period. But it still remains true that there is inadequate consultation between the History and Economics Departments, or between the Government and Philosophy Departments, to cite only two illustrations. Naturally, this introversion is most pronounced in the field of the Social Sciences, least notable in the Physical Sciences, although even among the latter there has been inadequate coordination of Biology and Chemistry instruction for so fundamental a purpose as a well-rounded pre-medical curriculum.

(2) *Seminar Instruction.* The lecture system at Haverford, requiring inadequate intellectual effort from either professor or student, should be supplemented in Languages and the Social Sciences by a greater development of the conversational seminar technique. The value of the latter in permitting the student to meet his teacher on an equal footing, and in permitting the teacher to probe the thinking processes (as distinct from memory) of the individual undergraduate, can scarcely be exaggerated. The institution of the interdepartmental seminar would further assist the necessary interdepartmental cooperation referred to above.

(3) *Student Initiative.* The initiative and intellectual enterprise of the individual student should be encouraged by more special project work, regardless of the subject of major concentration. I wholly underwrite the recommendations of the Faculty Post-War Planning Committee in this field. There is far too much tendency to hold the Haverford undergraduate back rather than to push him forward. During his last two years, at least, the undergraduate should be encouraged to do more research on his own, with less class instruction and more tutorial guidance. The relative lack of initiative among Haverford Alumni is probably at least in part attributable to the tendency of the curriculum to enforce a stately, measured, perhaps difficult yet essentially unambitious intellectual progress. The war-time experience with acceleration indicates how much undergraduate time the

College has wasted in the past. I realized this for myself when I had the opportunity to contrast the stimulating methods of Oxford University with those of Haverford instruction immediately after the last war.

(4) *Collateral Reading.* Some Haverford professors, following the methods of secondary school teaching, rely to a pronounced degree on textbook instruction. Of course that is easier for the teacher, but it impresses the undergraduate with the pernicious idea that he can and should rely on a single source for his information. In spite of the excellence of our Library facilities, wide collateral reading is not yet adequately encouraged at Haverford, though more so than in the days when I was an undergraduate. It is pitifully true that many Haverford graduates have never really learned how to read, in the deeper sense of the verb. A large measure of elimination of textbook teaching should go hand in hand with the development of individual research projects.

(5) *Development of Self-Discipline.* Haverford still places far too much reliance on arbitrary rules and regulations which tend to discourage student initiative and responsibility. Among the practices having this effect the "cut" system ranks high. After Freshman year no student should be compelled to attend any class for which he has registered. It should be assumed that the class will be so interesting and worthwhile that he will attend it voluntarily. The student is very often a better judge than the teacher of whether or not his time is being fruitfully spent, especially in a college which is in a position to be as selective in admissions as is the case at Haverford. If the occasional lazy or unambitious student suffers from over-cutting, his defects will thus become more quickly apparent and, if necessary, his enforced withdrawal from the College will be expedited. The stimulus to the teacher of having a voluntary rather than an enforced classroom attendance is obvious.

(6) *Examinations.* The examination system is overdone at Haverford. Many of the tests seem to me mere memory exercises, with little more than a shallow disciplinary purpose behind them. A further shortcoming here is that meticulous grades, sometimes carried to a decimal point of a percentage, are awarded for tests which actually have little educational significance. Here again the tendency is to emphasize arbitrary forms at the expense of vital education.

(7) *Required Courses.* For reasons implicit in the preceding points I am skeptical of the desirability of any required courses other than Freshman English and Physical Education. In a small college, where every student is personally known to the Director of Admissions and the Dean, skillful administrative guidance can do much to direct the student voluntarily to those courses which should be included in his individual program. On the

other hand, the American college graduate should certainly have at least some familiarity with the tenets of the Christian faith, with the outstanding spiritual achievements of Western Civilization and with the principles of his own form of government. In my opinion the comprehensive final examination of every Senior should include searching questions, both written and oral, in these three fields. No courses should be compulsory; but the demonstrated familiarity of an educated man with the cultural, ethical and political motivation of his civilization should be a prerequisite for the Haverford degree. The preparation of a reading list, to be covered in leisurely fashion by every student during the college course and including the New Testament, could properly be made a cooperative faculty undertaking.

As I have often said at the College, the purpose of higher education seems to me reducible to three simple principles, too often obscured by a ritualistic mumbo-jumbo which serves only to confuse and obfuscate the issue. A college education, and particularly a Haverford education, should:

(A) Stimulate the intellectual curiosity of the student, wholly regardless of the subject he is studying, on the reasonable assumption that since real education must come spontaneously from within, and can never be successfully imposed from without, an aroused interest is the essential spark which makes the motor operate.

(B) Development of the critical and analytical faculty, without which progress in any line of human endeavor is impossible. The tendency at many educational institutions, Haverford not excluded, is to repress rather than to develop this critical faculty. A volume could be written on the disastrous effects of such repression on every aspect of civilized life except the scientific, now out of balance largely because it has encouraged critical techniques which other so-called "disciplines" have repressed.

(C) As a balance wheel for the individual who has intellectual curiosity, and has developed a critical faculty, there must be emphasis on those intangibles which are summed up in the word "character". In this field, Haverford has been notably successful. It is important that in emphasizing the first two points, in which Haverford instruction is deficient, the necessity of maintaining and developing the third should constantly be kept in mind.

In closing, I would like to take this opportunity to express to the Corporation my great appreciation for the opportunity of serving five years as President of Haverford. They were extremely interesting years and I shall always treasure the privilege which I have had. As is, I think, fully understood, my resignation from the position was due solely to a conviction that my contribution was essentially to direct the College during the difficult war-time period. My effort during this era of transition—as it will prove

to be—was to build a satisfactory bridge between the work of the Haverford that was and the work of the Haverford that will be. The institution, I believe, has every opportunity for even greater achievement in the future than it has accomplished in the past.

FELIX MORLEY.

MINUTE ADOPTED BY THE CORPORATION
AND BY THE BOARD OF MANAGERS UPON
THE RETIREMENT OF MORRIS E. LEEDS
FROM THE PRESIDENCY OF THE
CORPORATION

Morris E. Leeds
President of the Corporation of
Haverford College and Chairman of the Board
of Managers
1928 - 1945

Morris E. Leeds has advised us that he feels he must retire as President of the Corporation and Chairman of the Board of Managers. He has asked us not to make it difficult for him to carry out this decision which he feels clearly is a right one. We cannot do otherwise than respect his wishes but, on our part, we find it difficult to look forward to his withdrawal from the post in which for so many years he has guided the management of the College.

After graduating from Haverford in the Class of 1888, and taking up teaching for a year or two, he started a business career in which his unusual capacities and energy have won for him exceptional success. At its meeting in January, 1909, our Board elected him a Manager. What he has given to the College during the ensuing thirty-six years in loyalty, service, donations and leadership cannot be adequately told in words. We, who have been his associates, are conscious of his contribution in a deeper sense than we can express verbally to him or enter upon our records.

His first committee appointment was on the Library Committee. Perhaps this cannot be regarded as foreshadowing his later interest in the Library and his munificent gifts to it, but in the light of these it may be mentioned, at least, as a noteworthy coincidence. In 1912 he became a member of the Executive Committee and served continuously on it for sixteen years until

his election in 1928 to the presidency of the Corporation. In 1916 the death of T. Wistar Brown, then President, occasioned a new distribution of offices. Asa S. Wing became President, J. Henry Scattergood, Treasurer, and Morris Leeds succeeded Henry Scattergood as Secretary of the Board of Managers. This position he also held continuously until 1928. The minutes during this period bear witness to the accuracy of his recording. In those days the minutes were read at each meeting and one notes the care with which he tried to achieve adequacy of the record without burdening the Board with lengthy readings. Though the secretaryship often entailed considerable labor he was frequently called upon to serve on important committees. For four years, 1923 to 1927, he carried not only the secretaryship but membership on the Executive Committee, the Committee on Honorary Degrees and the Committee on the T. Wistar Brown Graduate School. There were also other assignments. His judgment has been greatly valued with reference to faculty appointments and salaries. He has been a member of the standing committee to assist the president on these matters ever since its establishment in 1929. He served on the Pension Fund Committee in 1931, and when in 1934 the College was forced to consider the question of reduction in professors' salaries he was one of the committee appointed to deal with this delicate subject. He took an active part in matters associated with Haverford's centenary, serving on the Centenary Building and Endowment Fund Committee set up in 1924 and the later Centenary Fund Committee.

When the retirement of Asa S. Wing in 1928 caused a vacancy in the presidency of the Corporation, Morris Leeds was elected to that office which carries with it service as chairman of the Board of Managers. Thereafter special responsibility rested upon him in all cases of important management issues. He has always responded willingly to the many demands made upon him and has guided the course of affairs in such a way as to evoke admiration and confidence.

Morris Leeds's gifts to the College make him one of its chief financial benefactors. Many different aspects of Haverford's life — buildings, grounds, equipment, faculty requirements and funds—bear quiet witness to his extraordinarily generous bounty. Some of his many donations may be referred to particularly. He gave liberally for Lloyd Hall and to the William Penn Fund. In addition to being a leading contributor to the Centenary Fund he has donated a large fund established by the Board in his name as part of the General Endowment Fund. Above all is the present Library. While many Haverfordians have given liberally for this, the extent of Morris Leeds's donations makes this building, with its special room

for Quaker collections (given by him exclusively), stand largely as a memorial to his unstinted generosity.

The span of years of his service on the Board included the periods of both the first and the second World War. It was inevitable that for a Quaker college these should be periods of particular difficulties and serious choices of policy. They were complicated still further by the fact that in each case a new president of the College assumed office shortly before our country entered the war as a belligerent. In both periods Morris Leeds took a leading part in the selection of a president and in shaping Haverford's course. In 1916 he was an influential member of the committee appointed to nominate a successor to President Sharpless, served on the committee in charge of President Comfort's inauguration and was one of those appointed to advise the president on the possible use of Sharpless Hall as a hospital during the war. In the fall of 1918 he was selected to serve with Isaac Sharpless to assist the president in the rearrangement of faculty remuneration.

When President Comfort was about to retire from office and the second world war was shortly to begin a period of much strain opened before the College. Morris Leeds, as President of the Corporation and Chairman of the Board, bore a great part of the burden. He was a member of the committee appointed in the fall of 1938 to choose a new president. And when President Morley took office in all the stresses of war time it was natural that he should lean heavily upon the Chairman of the Board for advice and support. We gratefully acknowledge the great debt which the College owes him for all his burdensome labor, his wise counsel, and his guidance of its affairs during the whole period of the war.

The leadership which he has given ever since he became President of the Corporation has been characterized by those qualities of mind and spirit which we have come to associate unforgettably with him—freedom from narrow or petty prejudices, the wish to see both men and issues whole and appraise them with the utmost fairness, a seasoned liberalism, openness of mind, a progressive spirit and exceptionally sound judgment. These qualities, combined with his unusual capacity for successful management and his ripe business experience, he placed at Haverford's service with an unflinching devotion to the best interests of the College. If we rightly sense his attitude, his interest lies in maintaining Haverford as a college of high scholarly standards and with a moral and spiritual atmosphere that reflects the principles and philosophy of the Society of Friends at their best.

We cannot but have the deepest feelings of regret that we are no longer to have his valued and trusted leadership as President of the Corporation and Board Chairman. We welcome, however, this opportunity to pay him

our tribute of honor, gratitude and affection and we are happy that we can do this with the hope that we shall continue to have him as an associate and friend in the Board for many years to come.

REPORT OF THE ACTING PRESIDENT

October 16, 1945

Since President Morley's report was written at a distance from the campus and with the object of discussing policies, rather than giving details, I have prepared a supplement with special reference to the period from June 3, 1945, to the present, and I have incorporated in it some of the factual material which, for historical purposes, is usually included in the report of the President.

The President's Report to the Corporation in October 1944, together with the Librarian's Report, and that of the Curator of the Quakeriana Collection, and the list of Faculty Publications, was issued in mimeographed form but never published. Unless there is good reason for not doing so, that report, together with the combined report for this year, will be published together.

ACCELERATION

During the last year and a half, and particularly since V-J Day, the issue of acceleration has been discussed. There has been a growing feeling on the part of the faculty, and a majority of the students, that the time has come for us to give up year-round instruction as normal procedure. The Summer Term of 1945 was our fourth consecutive Summer Term and showed increasing evidence of the excessive strain which had been apparent the preceding year.

In August, the faculty in residence went on record as opposed to a Summer Term in 1946, if it could possibly be avoided. For those men who felt they must continue, it was suggested that we list a number of universities holding Summer Sessions, credit from which would be acceptable to Haverford. The majority of the students have indicated that they do not wish to accelerate further. Those who do, have expressed approval of the plan suggested above.

There are a number of veterans who feel the necessity for pushing on as rapidly as possible, but in the main, these men feel that they have been pushed long enough, and since they are under no obligation to hurry as far as their government benefits are concerned, they express themselves as anxious to get their education at a pace which allows for assimilation. The

professional schools, also, have expressed themselves as less than pleased with the results of acceleration.

At present, the general feeling about acceleration seems reasonably clear. But, as President Morley indicated in his 1944 report, there still remain factors, such as the institution of a plan of universal military training, to mention the chief one, which might upset the present trend, and call for a different solution.

STUDENT ENROLLMENT

Beginning in June, applications for admission mounted rapidly, with a further rise after V-J Day in September as the rate of discharge from the services increased. This semester started with a total of 172 undergraduates, as compared with 125 at this time last year. In addition, there are fourteen in the Reconstruction and Relief Unit, and one graduate student.

The activity in the Admissions Office continues, with many inquiries and applications. It is already clear that we shall further enlarge the size of the student body in January. Insofar as possible we have held to our usual admission standards, at the same time using all justifiable latitude in regard to the veterans. Had we been willing to go a few steps farther, the College would now be close to full. I think we are well-advised in exercising our customary care in selection.

Classification of the student body by terms shows the following comparison with last year:

<i>Term</i>	<i>Fall Semester, 1945</i>	<i>Fall Semester, 1944</i>
VIII	5	3
VII	10	13
VI	10	4
V	13	12
IV	13	10
III	19	9
II	34	38
I	48	36
Unclassified and special	20	
	<hr/>	<hr/>
	172	125

The above table does not include the Reconstruction and Relief Unit, and the graduate student.

The student body this year represents 21 states, as compared with 23 a year ago. In addition, the following are represented: Hawaii, Singapore, Cuba, Argentina, Puerto Rico, Mexico, Costa Rica, Jamaica, Canada, and Morocco. There is the possibility that we may have one student from China in the middle of the year, and two from Norway.

Undergraduates who are members of the Society of Friends number 19, or 11.1 per cent of the total.

There follows a comparative table of registrations by departments, the sharp increase in Biology, Chemistry, English, History, Philosophy, and Sociology, being worthy of note:

<i>Departments</i>	<i>Registrations</i>					
	1945	1944	1943	1942	1941	1940
Art	0	0	1	3	14	19
Astronomy	1	0	1	15	22	43
Biblical Literature	1	12	3	12	18	27
Biology	61	32	46	66	81	92
Chemistry	79	54	78	228	224	180
Economics	30	22	27	124	147	155
Engineering	17	15	25	95	74	62
English	151	101	77	195	224	187
French	43	26	25	36	64	93
German	56	59	52	117	100	111
Government	31	36	34	94	100	121
Greek	2	7	6	24	18	12
History	94	60	45	98	143	156
Italian	0	0	0	4	1	8
Latin	8	4	5	30	24	29
Mathematics	68	50	59	162	158	121
Music	7	14	5	31	18	23
Philosophy	56	37	35	86	99	95
Psychology	27					
Physics	34	35	58	120	77	83
Sociology	42	14	28	43	72	82
Spanish	22	20	21	65	48	12
Humanistics	6					

Haverford Students at Bryn Mawr

Art	1
English	1
Physics	1
Psychology	4
Russian	1
History	1

Degrees, 1944-45

Awarded	B.A.	B.S.	M.A.	M.S.	Hon. Degree
January 27, 1945	10	2			
June 2, 1945	14		10		1
August 24, 1945	6	2	4	1	
	—	—	—	—	—
	30	4	14	1	1

RECONSTRUCTION AND RELIEF UNIT

Our second Reconstruction and Relief Unit, now reduced to 14 (12 women and 2 men), from its original number of 25, is now back to complete its final quarter which will end in December. This Unit is again housed in Government House, with Dr. and Mrs. Wylie as House Directors.

Dr. Pfund has been serving as Director of the Unit in Dr. Steere's absence. A report on the activities of the first Unit, many of whom are now abroad, and on the activities of the present Unit during the summer, is too long to include here.

FINANCIAL OUTLOOK

The Treasurer's Report for the year just closed shows a much more favorable picture than we had dared hope. As President Morley has indicated, this is due in no small part to the generous support of the Alumni, through the Alumni Fund.

The outlook for the coming year is much brighter now than it was in June, at which time a deficit of \$104,000 was forecast. The increased enrollment, and a further study of the budget, reduces this to \$74,819.80. Although additions to the student body in the middle of the year will be of further help, we cannot escape a deficit this year. Again the Alumni Fund will be of paramount importance, and I hope that our Alumni will make the second year of the Fund play as vital a part in the operation of the College as was the case in the year just closed.

I should like to add my word of acknowledgment to those of President Morley's, in regard to the splendid job that Dr. Caselli has done in his capacity as Comptroller.

THE FACULTY AND ADMINISTRATION

In June, Bennett S. Cooper began his work as Alumni Secretary, Director of Placement, and Assistant to the President. We are fortunate in having an interested alumnus whose experience since his graduation has been of particular value in fitting him for this important position.

President Morley has spoken of our good fortune in having Gilbert Hoag as Dean. Mr. Morley's suggestion that a report from the Office of the Dean be appended to the President's Report is one in which I heartily concur.

Dr. Carl Allendoerfer has returned from his leave of absence in Washington at a very opportune time for the Mathematics Department.

William Docherty has been discharged from the Navy, and returns as Instructor in Physical Education, and coach of football, at a time when, with our growing numbers, his presence was sadly needed.

We are most fortunate in our two visiting professors. Howard Brinton is with us from Pendle Hill, giving a course in "The History and Philosophy of Quakerism", and J. Duncan Spaeth, "American Literature to the Civil War".

POST-WAR PLANNING

On the matter of post-war planning I find myself in a most curious position. The limitation of time in this report prevents my discussing it here in the detail which I should like.

Having sat with Dr. Sargent's committee in all its deliberations, I have had the opportunity to see the thoughtful consideration given to all aspects of the College's program, and in the main I am in agreement with the committee recommendations. I have been struck with the degree to which the plans published by such institutions as Amherst, Yale, Harvard and Swarthmore, parallel the conclusions of the Haverford committee in their essential patterns.

In his comments Mr. Morley put his finger on what I consider to be the basic consideration when he said that the real issue was not the blueprint, but the teacher. In reading the plans which I have mentioned above, I have been struck, not so much by the stupendous task involved in writing a post-

war plan, but rather by the expensive, delicate and arduous business of putting it into practice.

In my opinion there has been more agreement among the Haverford faculty on the proposed plan than the President's Report would seem to indicate. It is possible that no small part of the disagreements which arose may, to a degree at any rate, be attributed to the manner in which the plan was presented to the faculty.

Already some of the recommendations have been put into effect. As the veterans began to return we were faced with the necessity of assimilating them as rapidly and as smoothly as possible, and the procedure for doing this, as suggested by the committee, has had the approval of both the faculty and the Board. The committee suggestions in regard to the maintenance and operation of the plant have already proved helpful. Certain aspects of interdepartmental cooperation and of individual projects recommended by the committee were already in effect. The requirements in regard to our language requirements, and our language teaching, have been scrutinized and changes have been made.

When Dr. Sargent's committee resigned, the problem arose as to what the next step should be. It did not seem to me wise to appoint a new committee which would repeat the work already done by Dr. Sargent's committee. Obviously, it would be pointless to reappoint a committee which had already fulfilled its function. In order to consider the matter further, to smooth out the points of difference, and to refine the plan, I have asked the Dean and three members of the faculty to sit with me, not as a formal committee, but in an advisory capacity. Some intensive work by this group will, I believe, produce marked results. The Post-War Planning Committee of the Board is at work, and the Board itself has already given some sections of the plan its approval.

In general, I feel that we have made somewhat more progress than these reports would seem to indicate. While it would be pleasant to have a complete report ready for publication, I am not at all sure that this would be an unmixed blessing. It seems to me imperative that we preserve a degree of flexibility to meet conditions which are changing rapidly.

The program of the College should be subject to constant review and constant modification. The College benefited greatly by the Centenary Plan, despite the fact that certain aspects of it were never put into effect. The College has already benefited by the work done by the Post-War Planning Committee.

I conclude this section with a report of progress, and my assurance that we shall continue to give this important matter the attention it deserves.

IN CONCLUSION

As the College begins its 113th year, I am impressed by the fashion in which it weathered the storm of the last four years, and by the vitality with which it begins the difficult period ahead. This testing period showed our strengths, and what is more important, our weaknesses. The hurly-burly of the war years was an excellent preparation for a time which, though different in character, will be no less exacting in its demands for foresight, persistence, and courage.

The period of transition will bring about many changes, but there remains that essential core which has made Haverford what it is; the thought, the energy, the hopes, that many men over the years have poured into it.

ARCHIBALD MACINTOSH,
Acting President.



REPORT OF THE LIBRARIAN FOR 1944-45

To the President:

I submit herewith the Report on the Library for the academic year 1944-45.

GENERAL

There is little to record in the way of new or unusual activities in the Library during the past year. Rigid economy of administration—both enforced and voluntary—and the small student enrollment combined to produce an uneventful year. The reduced Staff had to confine itself strictly to routine duties. Several pressing agenda, such as the labelling of the shelves to correspond with the new locations of subjects, had to be postponed. Cooperation with the Philadelphia Bibliographical Center was extended to include contributions to the master file of periodicals. Membership in the Library Associates, as was almost inevitable in the second year, fell off 24 percent, but contributions declined 54 percent—an indication, no doubt, of the current financial trend.

We can be thankful that the endowed book-funds of the Library have carried us over the difficult war years without curtailment in the steady growth of our scholarly collections. We have not fallen behind in our

acquisitions. Reserve funds have even been built up for acquiring foreign books, particularly from European countries, after war time restrictions shall have been removed. Gifts have been notable both in quality and in quantity.

The steady increase in inter-library loans is a significant development. It is usually misinterpreted as a financial saving. Cooperation with other institutions is a convenience and a valuable aid to scholarship, but it can never be other than an additional expense. To locate and borrow books *which are not in our library* is a great service to our readers, but we have to pay for it both directly and indirectly. Constant exchange and borrowing may some day reach the point where its administrative cost will be greater than the purchase of a reasonable annual quota of books for our own possession. One thing is sure at Haverford: the income of our endowed book-funds will continue to be used *to the maximum* for the purchase of books, and all use of the property of other institutions—whether near or far—will be an additional expense to the College. Any really *extensive* cooperation along these lines may well be prohibitive.

GROWTH OF COLLECTIONS

The total number of volumes in the library at the end of August, 1945, was 166,504. During the past year 2973 volumes were added, 1509 by purchase, 1286 by gift, and 178 sent by the United States Government for our Government Depository Collection. In addition to the latter item from the U. S. Government, there were a great many other books and pamphlets, which are filed uncataloged, but are readily available to the public. Fifty-six books were discarded.

GIFTS

Among the many gifts which were received the following should be especially noted:

From Elizabeth Williamson, 131 books of general literature.

From Mrs. Gordon Hartshorn, 56 books, mostly English literature.

From John L. Scull, a set of the Harvard classics in 51 volumes, and 140 books, mostly English literature.

From Aldo Caselli, 41 books on Italian literature and art.

From Thomas E. Drake, 33 books.

From L. H. Rittenhouse, 30 books on engineering.

From Rufus M. Jones, 23 books on religion and mysticism.

From W. B. Evans, 21 Quaker books.

From Mrs. E. W. Smith, 18 Quaker books.

From J. M. Walsh, 17 books.

From Walter S. Hinchman, 15 books.

From Margaret R. Ladd, 14 Quaker books.

From W. W. Comfort, 12 books, and a large number of pamphlets, as yet uncataloged.

From Felix Morley, 8 volumes.

From Christopher Morley, 7 volumes.

From C. O. Oakley, 7 books on mathematics.

From Wm. E. Sherpick, 5 books on sailing, for the Haverford Nautical Club.

CIRCULATION

The total circulation of library books was 13,099. Of this number, 2767 were loaned to the faculty, 7438 to students, and 2894 to borrowers not connected with the college. Our largest monthly circulation was in February, and the smallest in September. Twenty-five per cent of books borrowed by students were reserved books.

INTER LIBRARY LOANS

This branch of library work has grown exceedingly in the past two or three years, since the great usefulness of the Philadelphia Union Catalog has been discovered and tested. In spite of the fact that many of our students and professors go to cooperating libraries in this vicinity and borrow books for themselves, the number of books sent out by us to other libraries for their readers has steadily increased. We, too, have borrowed more than ever before and are grateful for all the volumes we have been permitted to use. Last year, 380 volumes were sent to other libraries and 156 were borrowed by us.

DEAN P. LOCKWOOD,
AMY L. POST.



REPORT OF THE CURATOR OF THE QUAKER COLLECTION

1944-45

In spite of the restrictions and shortages of wartime life, the year 1944-45 was the most active since the Library's Quaker Collection (rare books and manuscripts) was brought together in the Treasure Room three years ago. Sixty-five friends of the College presented manuscripts, maps, pictures, and microfilms to the Library, to the number of 2,220, an increase both in the number of donors and the volume of donations over the totals for 1943-44. Of these, 1,891 items were of distinctly Quaker interest. Our accessions in books were also larger than last year, 162 being added to the Quaker Collection by purchase, and 315 by gift, a total of 477.

Among the Quaker papers was a copy of the rare 1719 edition of the manuscript *Discipline of Philadelphia Yearly Meeting*, one item in a gift of unusual interest by J. Morris Wistar. Mrs. Edward Wanton Smith added a large number of manuscripts to her previous gift of family papers. Interesting William Penn material was given by Carroll Frey, and a large file of papers relating to the Indian Agency of Enoch Hoag, a Quaker Indian agent of the nineteenth century, was presented to the College by Clinton F. Hoag, of Muscatine, Iowa. *Life* magazine gave Haverford a set of photographs of the Penn country in England. Francis R. Taylor contributed a microfilm of the journal of Jonas Ingham, a revealing document on early Pennsylvania Quaker life. A warrant for the arrest of Thomas Story was purchased in England. A purchase of even greater interest to Quaker historians and genealogists was made possible through the courtesy of the Rhode Island Historical Society, which permitted Haverford to secure prints of its microfilm of the records of Nantucket Monthly Meeting since 1708. These records have since been returned to Nantucket for safekeeping, but copies are now accessible both in Providence and at Haverford.

Two of the most important additions to our Quaker books were made by Rufus M. Jones, who presented the Library with a first edition of William Penn's *No Cross No Crown*, published in 1669, and a rare anti-Quaker tract of the same year called *Canons and Institutions Drawn up and Agreed upon By the General Assembly or Meeting of the Heads of the Quakers: From all Parts of the Kingdom, at their New-Theatre in Grace-church-street, in or about January 1688/89*.

The display space which the new Treasure Room affords was used to capacity for special exhibitions, two of which—the William Penn exhibition arranged in connection with the celebration of the Penn Tercentenary, and

an exhibition of "Sherlockiana", in conjunction with a "Sherlock Holmes meeting" of the Library Associates—attracted more visitors than the Treasure Room has ever had before. The Penn exhibition, an account of which was given in the *Haverford Review*, Summer, 1944, was later lent to the Bryn Mawr College Library, for display in the Rare Book Room there. The Sherlock Holmes exhibit was enriched by a choice selection of books from Conan Doyle's own criminological library, lent to the College by the Rosenbach Galleries of Philadelphia, and arranged by Professor Edward D. Snyder, who described "Sherlock Holmes at Haverford College" in the Spring, 1945, number of the *Haverford Review*.

Both of these exhibitions brought permanent additions to our collections in the form of gifts, Penn items as described above, and "Sherlockiana" from Christopher Morley and President Felix Morley, both of whom are members of the Baker Street Irregulars.

The death of Franklin D. Roosevelt was the occasion for exhibiting a selection of portraits and autographed letters from the Charles Roberts Autograph Collection, of American presidents who have died in office, and of the vice-presidents who succeeded them. Only one autograph was missing from the group, that of Harry S. Truman. Perhaps a friend of the College can supply that.

Besides the Sherlock Holmes material, other non-Quaker items have been added to our autograph and portrait collection. An interesting early lithograph print of Founders Hall was given to the Library by Murray C. Haines. President Morley gave a selection of autograph letters of prominent people from his personal files before he resigned, bringing the total of his gifts of this kind to 243 items. Margaret Taylor MacIntosh added an autograph album to her numerous other manuscript gifts, and other donors gave autograph letters of prominent public figures such as Lord Halifax, Associate Justice Roberts, President Roosevelt, and, finally, Adolf Hitler. This last was the gift of Roy A. Vogt, of the Class of 1941, who secured it himself in Berlin in 1936.

The Treasure Room has been host to several groups during the year, including the Library Associates, the Haverford Township Historical Society, and classes from the Baldwin School and the Haverford Friends First-day School. Seventeen research students made use of the facilities which the Quaker Collection offers, and many inquiries were received and answered by mail. Walter Fales continued his work with the voluminous records of the American Friends Service Committee, which are housed on the fifth floor of the stack. Anna B. Hewitt, Assistant Curator of the Quaker Collection, has found time from her many duties to supply duplicate Quaker books to a number of other libraries. She also supervised the col-

lection and storage of American Quaker publications for the Friends Reference Library in London, until there was no longer any danger of the material being sunk in transit. It has now been forwarded to Friends House in London, where it will be a welcome addition to the great Quaker library there.

The Curator was appointed to the editorship of the *Bulletin of Friends Historical Association*, an interesting duty which has long been associated with Haverford through the work of Isaac Sharpless, Allen C. Thomas, and Rayner W. Kelsey.

A special "Quaker Collection Committee" of the Board of Managers, William W. Comfort, Francis R. Taylor, and William M. Maier, have been most helpful in their advice and assistance, as have also Jonathan M. Steere, William A. Battey, Stanley R. Yarnall, and Henry J. Cadbury, to mention only a few of the Managers and friends of the College who are particularly interested in furthering the work of the Quaker Collection. As we look forward to the coming year of peace it is apparent that this work will expand in many directions, and the help and guidance of such friends will be more than ever appreciated.

THOMAS E. DRAKE, *Curator.*

REPORT OF THE MORRIS INFIRMARY

The report of house patients is as follows:

	1944-1945	1943-1944
Patients admitted	25	192
Total time (days)	124	595
Diseases are classified as follows:		
Grippe and respiratory		4
Intestinal		10
Joint conditions		4
Miscellaneous		7

Total number of visits of dispensary patients:

	1944-1945	1943-1944
Medical	1,490	5,352
Surgical	723	3,691
Total	2,213	9,043

Conditions are classified as follows:

Upper respiratory	265
Fractures	1
Sutures	1
General	717

PUBLICATIONS AND ACTIVITIES OF THE FACULTY

1944-1945

ALLEENDOERFER, CARL B.

Six short reviews of scientific articles. *Mathematical Reviews*, 6. 1945.

Consultant to the Office of Field Service, OSRD

Assigned to Joint Target Group, Headquarters Army Air Forces, Washington, D. C. Chief of the Statistical Subsection and Coordinator of Research of the Physical Vulnerability Section of the Joint Target Group. Author, co-author, or editor of numerous classified documents published by this agency.

Awarded "Certificate of Merit" by the OSRD.

BENHAM, THOMAS A.

Consultant with the Directors of the Valley Forge Hospital, Ward for the Blind. Director on the Board of the Alumni Association of the Pennsylvania Institution for the Blind in Overbrook.

Consultant in Electronics for the Arcos Corporation, Philadelphia.

Research for the Warren Webster Company, Camden.

CADBURY, WILLIAM E., JR.

"The System Sodium Chromate-Sodium Molybdate-Water". *Journal of the American Chemical Society*, 67:262-8. Feb. 1945.

Member of Draft Problems Committee, Haverford Monthly Meeting.

Member of Religious Education Committee, Haverford Monthly Meeting.

Member of Overseers, Haverford Monthly Meeting.

Member of Westtown School Committee, under appointment by Philadelphia Yearly Meeting.

Candidate for School Board of Haverford Township on Democratic ticket, successful in Primaries, June 1945.

COMFORT, HOWARD

"Sovereignty Is the Issue". *Human Events*, 2, no. 14, April 1945.

Several entries on Quaker subjects. *Ferm's Encyclopedia of Religion*. 1945.

Director: Osborne Association; Indian Rights Association; Community Health and Civic Association; Main Line Federation of Churches; Richard Humphreys Foundation; Pennsylvania Committee on Penal Affairs; Family Society of Philadelphia.

Member of Delaware County Citizens Committee on Juvenile Delinquency.

Member of Family Advisory Committee, Delaware County Welfare Council.

Member of American Friends Service Committee, Committee on Italy.

Member of American Friends Service Committee, Committee on Conscientious Objectors in Prison.

Delegate of American Friends Service Committee, to Italian Committee of American Council of Volunteer Agencies.

Member of Friends Council on Education.

Chairman of Advisory Committee of the local National Association for the Advancement of Colored People.

Secretary of American Academy in Rome, Classical Advisory Council.

Chairman of American Academy in Rome, Classical Alumni.

Member of Haverford Meeting Religious Education Committee.

COMFORT, WILLIAM W. (President, *Emeritus*)

"French and German Friends of the Early Nineteenth Century", in *Byways in Quaker History*, pp. 95-110. Pendle Hill. 1944.

Editor of: William Penn, *Fruits of an Active Life*, etc. Philadelphia: Friends Book Store. 1945. 102 pages.

"The Penn Centenary in America". Friends Quarterly Examiner, London. Tenth Month, 1944, pp. 235-41.

"William Penn's Religious Background". Pennsylvania Magazine of History and Biography, 68:341-58. 1944.

"The Saracens in Italian Epic Poetry". Publications of the Modern Language Association, 59:882-910. Dec. 1944.

"Influences on William Penn". The Exile Herald, Philadelphia, April 1945, pp. 3-12.

President of the Board, Sleighton Farm School for Girls.

Overseer of the Penn Charter School.

President of the Friends Historical Association.

Member of Council, Historical Society of Pennsylvania.

Member of the Board of Managers, Haverford College.

Chairman of the Bible Association of Friends in America.

DRAKE, THOMAS E.

"Elihu Coleman, Quaker Antislavery Pioneer of Nantucket", in *Byways in Quaker History, A Collection of Historical Essays by Colleagues and Friends of William I. Hull*, ed. Howard H. Brinton, pp. 111-36. Pendle Hill. 1944.

"William Penn's Experiment in Race Relations". Pennsylvania Magazine of History and Biography, 68:372-87. Oct. 1944.

Rev. of Theodore Thayer, *Israel Pemberton, King of the Quakers*, in *American Historical Review*, 50:136-7. Oct. 1944.

Editor of: Bulletin of Friends Historical Association, beginning with vol. 34, no. 1, Spring, 1945.

Member of the Board of Directors: Friends Historical Association; The Friend (Philadelphia); Pendle Hill; Bible Association of Friends in America.

Member of Friends Council on Education, representing Haverford.

Chairman of the Draft Problems Committee of Haverford Monthly Meeting.

Lectures: "William Penn"—New Garden Friends Meeting, October 15, 1944; "The Later Periods of Quakerism"—Radnor Friends Meeting, January 21, 1945;

"Abraham Lincoln"—Montgomery School, February 9, 1945; "Collecting Book Collectors"—Dinner Meeting of Friends Historical Association, February 22, 1945; "A Satisfying Faith"—Haverford Union, February 25, 1945; "Early Haverford"—Haverford Township Historical Society, May 26, 1945; "Elihu Coleman and His Times"—at the annual meeting of the Nantucket Historical Association, July 31, 1945.

DUNN, EMMETT R.

"Los Generos de Anfíbios y Reptiles de Colombia, III. Las Serpientes". *Caldasia*, 3:155-224. Oct. 1944.

"Herpetology of the Bogotá Area". *Revista de la Academia Colombiana de Ciencias*, 6:68-81. Dec. 1944.

"A new Caecilian of the genus *Gymnopsis* from Brazil". *American Museum Novitates*, no. 1278, p. 1. Feb. 1945.

"Los Generos de Anfíbios y Reptiles de Colombia, IV. Testudineos y Crocodilinos". *Caldasia*, 3:307-35. April 1945.

"Reptile Hunting in Colombia". *The Haverford Review*, 4:11-13, 34-36. Spring, 1945.

Curator of Reptiles and Amphibians, Academy of Natural Sciences in Philadelphia.

FLIGHT, JOHN W.

Article on History of Alphabet (with Tables), in *American Educator Encyclopedia*. 1945.

"A Physician Tells Story of Jesus" (Gospel of Luke), in *Presbyterian Society Kit*, vol. 2, 4 pages. Fall, 1945.

Abstracts of articles on archaeological subjects in foreign periodicals. *American Journal of Archaeology*.

Editor of: *Proceedings of Society of Biblical Literature and Exegesis*, in *Journal of Biblical Literature*, 64:1-24. March 1945.

Associate Editor of: *Journal of Bible and Religion*.

Rev. of C. B. Russell, *The Path to Reconstruction*, in *Journal of Bible and Religion*, pp. 264-5. Nov. 1945.

GREEN, LOUIS C.

Rev. of J. B. Sidgwick, *Introductory Astronomy*, in *Review of Scientific Instruments*, 15:265. Oct. 1944.

Vice-President and Secretary, Rittenhouse Astronomical Society.

HADDLETON, ALFRED W.

Official in: Philadelphia High School championships; Junior High School championships, Westchester, Temple University Track Meets; New Jersey Indoor High School championships, Camden; Philadelphia Inquirer Meet.

Member of: Executive Committee, Middle Atlantic States Collegiate Athletic Association; Executive Committee, Middle Atlantic States Track Association; Philadelphia Track Officials Club.

HERNDON, JOHN G.

Business Developments of 1944. Philadelphia: John C. Winston Co., 1944. 60 pages.

"Federal Income Tax Law Applicable to Individuals in 1945". *Winston Business Administration*, 1:1-176. 1945.

Editor of: *The Winston Business Digest*, vol. 3, nos. 5-6, June-Sept. 1945.

Member of the Executive Committee, Technical Adviser, and Delegate to the San Francisco Conference; Committee of Citizens to Present Philadelphia's Invitation to the United Nations to Establish the Seat of the United Nations in Philadelphia.

Director of the United Nations Council of Philadelphia.

Director of the International House, University of Pennsylvania.

Historian of The Society of the War of 1812, Pennsylvania Chapter.

Lectures on various phases of international obligations of the United States and on other governmental matters, delivered to the Y.M.C.A., the League of Women Voters, the Civic Club of Philadelphia, the Main Line Chamber of Commerce, the Rotary Club, and various Church groups.

HETZEL, THEODORE B.

Member of: Work Camp Committee, American Friends Service Committee; Nominating Committee, Corporation of Haverford College; Nominating Committee, Haverford Friends Meeting; Executive Committee, Campus Club of Haverford College; Health Committee of the General Committee, Westtown School.

Chairman of the Hobby Committee, Westtown Alumni Association.

Vice-Chairman, Society of Automotive Engineers, Philadelphia Section.

Treasurer of Parent-Teacher Association, Haverford Friends School.

JONES, RUFUS M. (*Emeritus*)

The Radiant Life (in Braille). Los Angeles: Braille Institute of America. 1945. 2 vols.

"Beyond the Old Frontiers", in *American Pulpit Series*, pp. 46-55. New York: Abingdon-Cokesbury Press. 1945.

"The Quaker Conception of Man". *The Friends Intelligencer*, 102:587-9. Sept. 15, 1945.

"The Keepers of the Faith". *The American Friend*, 33:364-5. Sept. 20, 1945.

"Thou Shalt Not Hate". *The Christian Century*, 62:835-6. July 18, 1945.

JONES, THOMAS O.

Editor and Writer on the Manhattan Project Report of 48 vols.

LUNT, WILLIAM E.

History of England, third edition. New York: Harper & Bros. 1945. xvi, 954 pages.

Rev. of Sidney Painter, *Studies in the History of the English Feudal Barony*, in *Journal of Economic History*, 4:220-22. Nov. 1944.

Rev. of R. A. L. Smith, *Canterbury Cathedral Priory*, in *Church History*, 14:74-5. March 1945.

Rev. of H. M. Cam, *Liberties and Communities in Medieval England*, in *Speculum*, 20:244-5. April 1945.

Associate Editor of: *American Historical Review*.

Member of: The Chebeague Council; The Advisory Council of the History Department, Princeton University.

Director of Studies in *Anglo-Papal Relations during the Middle Ages*, Mediaeval Academy of America.

Overseer of Bowdoin College.

MELDRUM, WILLIAM B.

Associate Editor of: *Journal of the Franklin Institute*.

Member of the Executive Committee, Science Teachers Association.

Governor, Pennsylvania Chemical Society.

National Councilor, American Chemical Society.

Lectures on scientific topics to Norristown Chemical Society and to School groups.

OAKLEY, CLETUS O.

An Outline of the Calculus. New York: Barnes & Noble 1944. 221 pages.

Rev. of *Basic Mathematics for War and Industry*, in *Review of Scientific Instruments*, 16:88-9. April 1945.

PALMER, FREDERIC, JR. (Emeritus)

"Unusual Rainbows". *American Journal of Physics*, 13:203-4. June 1945.

Chairman of Franklin Medal Committee and member of other Committees, Franklin Institute.

PEPINSKY, ABRAHAM

"Musicology, the Stepchild of the Sciences". *Journal of the Acoustical Society of America*, 17:83-6. July 1945.

Rev. of Alexander Wood, *The Physics of Music*, in *Journal of the Acoustical Society of America*, 16:129. Oct. 1944.

Rev. of *International Congress of Musicology*, in *Journal of the Acoustical Society of America*, 17:89-90. July 1945.

Conductor of Musical Ensembles, Bryn Mawr Art Center.

PFUND, HARRY W.

A History of the German Society of Pennsylvania, Founded 1764. Philadelphia: German Society of Pennsylvania. 1944. 38 pages.

Member of the Editorial Board, *American-German Review*, vol. 11, Philadelphia. 1944-45.

Reviews in the *American-German Review* and the *German Quarterly*.

Chairman of the Library Committee, German Society of Pennsylvania.

Made Inventory, with Dr. C. F. Haussmann, of valuable books in the Archives of the German Society of Pennsylvania.

Adviser to the Carl Schurz Memorial Foundation.

POST, L. ARNOLD

"The Divine in Homer". *Crozer Quarterly*, 22:20-7. Jan. 1945.

"Arishima at Haverford". *Haverford Review*, 4:8-10. Spring, 1945.

Rev. of P. W. Harsh, *A Handbook of Classical Drama*, in *Classical Philology*, 40:190-2. July 1945.

Editor: Loeb Classical Library.

SARGENT, RALPH M.

"Art and Letters in Their Relation to Enduring Peace", in *Approaches to World Peace*, New York: Harper and Bros., 1944, pp. 478-85.

"Sidney's *Astrophel and Stella*". *The News Letter of the College English Association*, 6:1. Jan. 1945.

Editor of *The Haverford Review*.

President of The Highlands Museum and Biological Laboratory, Highlands, North Carolina.

Member of the Executive Council, College English Teachers, Middle Atlantic States.

SNYDER, EDWARD D.

"Sherlock Holmes at Haverford College". *Haverford Review*, 4:27-30. Spring, 1945.

SPAETH, J. DUNCAN

"Rowing" (new article), in *Encyclopedia Britannica*, American edition. 1945.

"Epic Conventions in *Paradise Lost*", in *Elizabethan and Other Essays*, University of Colorado Studies, 2:200-10. Oct. 1945.

"The Education of Abraham Lincoln". *Philadelphia Forum*, pp. 6-23. Nov. 1945.

"The Humanities in Peace and War". Reprint in *Bulletin of the American Association of University Professors* (from the *Classical Journal*), 39:193-200. Jan. 1944.

STEERE, DOUGLAS V.

Meditations. Cincinnati: Methodist Church. 1945. 27 pages.

Articles on von Hügel, Evelyn Underhill, Imitation of Christ, Francis de Sales, in Ferm's *Encyclopedia of Religion*. New York: Philosophical. 1945.

"Kierkegaard in English". *Journal of Religion*, 24:271-8. Oct. 1944.

Rev. of *The Journal: Second Session of U.N.R.R.A. Council*, in *Crozer Quarterly*, 22:375-6. Fall, 1945.

Rev. of Robert Sencourt, *Carmelite and Poet* (St. John of the Cross), in *Journal of Bible and Religion*, 12:258-9. Nov. 1944.

Rev. of Eric Hayman, *Worship and the Common Life*, in *Journal of Religion*, 25:219-20. July 1945.

American Friends Service Committee: Chairman, Work Camp Committee; Vice-Chairman, Social-Industrial Section. Member of: Board of Directors; Nominating Committee; Foreign Service Executive Committee; Scandinavian Sub-Committee;

Polish Sub-Committee; Foreign Volunteer Work Community Committee; Foreign Personnel Training Committee.

Represented American Friends Service Committee as delegate conducting relief investigations and Quaker visitation, June-October, 1945, in Finland, Norway, Sweden, Denmark, and Poland.

Philadelphia Yearly Meeting (Arch Street): Clerk of Yearly Meeting of Ministers and Elders; Member of Committee on Church Unity.

Pendle Hill: Chairman of Curriculum Committee; Member of Board of Directors and of Executive Committee of Board of Directors.

John Woolman Memorial Association: Member of Board of Trustees.

American Theological Society: President, 1945-46

Lectures: Carew Lectures, Hartford Theological Seminary, February 1945; Flower Sermon, Cathedral, St. Louis, Missouri, April 1945; Annual Religious Lectures, Eden Theological Seminary, April 1945.

College Preaching: Cornell, Smith, Mt. Holyoke, Vassar, Oberlin, Howard, and Syracuse.

Member of American Committee for Preparing Christian Classics for Translation into Chinese.

STINNES, EDMUND H.

"European Unification". Human Events. 16 pages.

"European Economic Unification". Council on Foreign Relations. 20 pages. Main Line Forum.

SUTTON, RICHARD M.

College Physics (with D. A. Keys, McGill University). Boston: D. C. Heath and Co. 1944. 693, vi pages.

"Report of National Research Council Conference of Physicists". Review of Scientific Instruments, 15:283-328. Nov. 1944.

"Cider from the Newtonian Apple". American Journal of Physics, 13:203. June 1945.

"A Problem and an Experiment on Horizontal Acceleration". American Journal of Physics, 13:257-60. Aug. 1945.

Rev. of Brouwer, Keator, and McMillen, *Spherographical Navigation*, in Review of Scientific Instruments, 15:266. Oct. 1944.

Rev. of Stewart and Pierce, *Marine and Air Navigation*, in Review of Scientific Instruments, 15:267. Oct. 1944.

Rev. of C. L. Boltz, *Basic Radio*, in Journal of Applied Physics, 16:3. March 1945.

Rev. of W. S. Landis, *Your Servant the Molecule*, in Review of Scientific Instruments, 16:84. April 1945.

Rev. of J. Bendick, *Electronics for Boys and Girls*, in Review of Scientific Instruments, 16:87. April 1945.

Articles on Physics in Encyclopedia Britannica "Junior".

Editor of Training Manuals and of Summary Reports, N.D.R.C., Division 6.

Associate Editor, American Journal of Physics.

Representative of American Association of Physics Teachers to American Council on Education.

Member of: Committee on Science and the Arts, Franklin Institute; Committee on the Museum, Franklin Institute; Franklin Institute Solar Eclipse Expedition to Wolseley, Saskatchewan, July 9, 1945; Yearly Meeting Committee for Westtown School; Special Yearly Meeting Committee on Education; Committee from the Two Yearly Meetings on the "State of the Society"; Monthly Meeting Committee on Haverford Friends School.

Chairman of Monthly Meeting Committee on Religious Education.

Outside Examiner for Honors in Physics, Swarthmore College, 1945.

Lectures: "The National Research Council Conference of Physicists"—Optical Society of America, New York, October 20, 1944; "Imagination and the Teaching of Physics"—U. S. Naval Academy, November 11, 1944; "Newton and His Laws of Motion"—Westtown School, January 6, 1945; "Liquid Air"—Haverford Friends School, February 7, 1945; "Some Mechanical Curiosities"—American Society of Mechanical Engineers, New York, March 7, 1945; "Rotations and Revolutions"—Penn Charter School, March 19, 1945; "Spinning Bodies"—Montgomery Country Day School, March 22, 1945; "Taking the Sigh Out of Science"—Engineers Club, Philadelphia, May 15, 1945; "Architects and Builders"—Westtown School, May 20, 1945; "Recreations in Physics"—Lehigh Valley Physics Club, Easton, Pa., June 7, 1945; "Atomic Bombs and Balms"—Pocono Lake Preserve, August 20, 1945.

TEAF, HOWARD M., JR.

Public Member, War Labor Board, Third Region (Philadelphia).

Insurance Consultant and Acting Head of Insurance Branch, United Nations Relief and Rehabilitation Administration (Washington), December 1944-June 1945.

WATSON, FRANK D.

Panel Chairman, War Labor Board, Third Region.

Hearing Office in the Industrial Disputes Division, War Labor Board, Third Region.

WYLIE, LAURENCE W.

Work Camp Director, Hindman, Kentucky, American Friends Service Committee, Summer, 1944.

Member of: Foreign Service Section, American Friends Service Committee; Social-Industrial Section, American Friends Service Committee; Work Camp Executive Committee, American Friends Service Committee.





Haverford College Bulletin



DIRECTORY

VOLUME XLV

NUMBER ONE

October 1946

1946

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
September	1	2	3	4	5	6	7	November	...	...	...	...	...	1	2
	8	9	10	11	12	13	14		3	4	5	6	7	8	9
	15	16	17	18	19	20	21		10	11	12	13	14	15	16
	22	23	24	25	26	27	28		17	18	19	20	21	22	23
	29	30	...	...	...	...	...		24	25	26	27	28	29	30
October	1	2	3	4	5	December	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
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	27	28	29	30	31		29	30	31

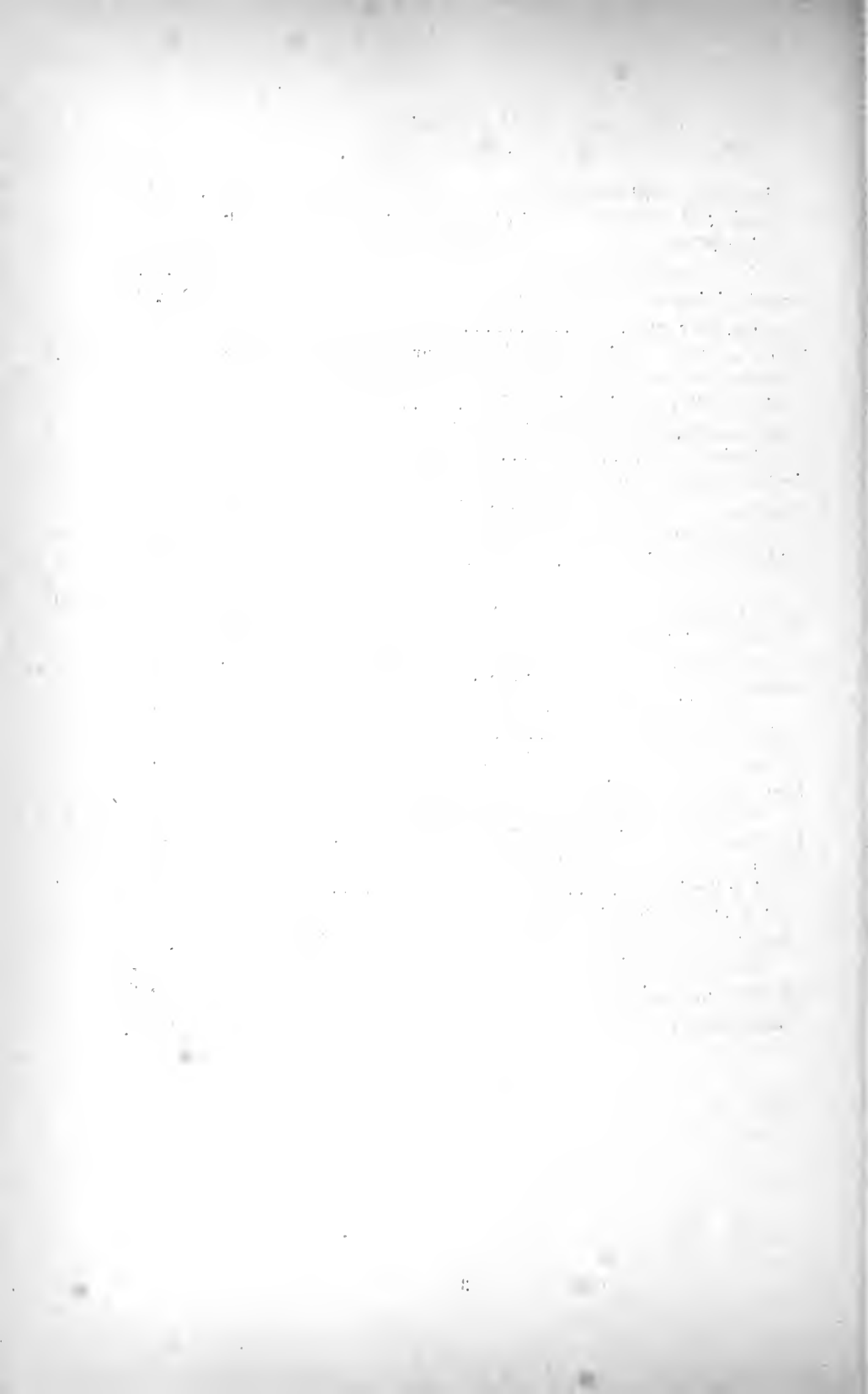
1947

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

College Days in **heavy-faced** type.

CALENDAR
1946-1947

Registration of all new students	Sept. 16-17
Beginning of College Year with Assembly, 9 A.M.; registra- tion of returning students	Sept. 18
First-Semester Classes begin, 8 A.M.	Sept. 19
Thanksgiving Recess (dates inclusive)	Nov. 28-Dec. 1
First Quarter ends	Nov. 27
Last date for selection of Major Departments by students who have been in attendance three terms	Dec. 9
Christmas Recess (dates inclusive)	Dec. 22, 1946-Jan. 5, 1947
First-Semester Classes in Major Subjects end for graduating Seniors	Jan. 11
Senior Comprehensive Examinations	Jan. 15-18
First-Semester Classes end (except for graduating Seniors in Major Subjects)	Jan. 16
Mid-year Examinations	Jan. 20-31
Second-Semester begins with Registration of all new stu- dents, 9 A.M.; approved Second Semester Programs of returning students must be filed by 5 P.M.	Feb. 3
Second-Semester Classes begin, 8 A.M.; Assembly, for all stu- dents, 11 A.M.	Feb. 4
Third Quarter ends	Mar. 29
Spring Recess (dates inclusive)	Mar. 30-Apr. 6
Last date for selection of Major Departments by students who have been in attendance three terms	Apr. 29
Last date for submission of Prize Manuscripts	Apr. 29
Second-Semester Classes in Major Subjects end for graduat- ing Seniors	May 17
Senior Comprehensive Examinations	May 21-24
Second-Semester Classes end (except for graduating Seniors in Major Subjects)	May 22
Final Examinations	May 26-June 6
Commencement Day	June 7



ACADEMIC YEAR 1946-1947
 DIRECTORY
 FACULTY AND STAFF

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Ardmore, unless otherwise noted	<u>Office</u>
(B.M. = Bryn Mawr, H. C. = Haverford College)			
Allendoerfer, Carl B.	750 Rugby Rd., B.M.	B.M. 2568 J	Founders, Center West
Archfield, Dorothy B.	100 Grandview Rd., Ardmore, Pa.	4728	Founders
Asensio, Manuel J.	2 College Lane	4163	Founders, West
Asensio, Elisa	2 College Lane	4163	
Beard, Mabel S.	Infirmary, H.C.	3036	Infirmary
Beatty, Ethel E.	Founders, H.C.	9460	Founders
Benham, Thomas A.	3 College Lane	6044	Sharpless 14
Bernheimer, Richard M.	225 N. Roberts Rd., B.M.	B.M. 1427 W	B.M. College
Berry, Alice M.	Lincoln Highway, Berwyn, Pa.	Berwyn 0225	Roberts, 2nd fl.
Braatoy, Bjarne	Government House, H.C.	9613	Library 43
Cadbury, William E., Jr.	791 College Ave.	0203 W	Chem. Lab. 22
Caselli, Aldo	1 College Circle	5562	Union
Chatto, Viola	521 Panmure Rd.	0693	Founders
Comfort, Howard	5 College Circle	3732	Sharpless 40
Comfort, William W.	South Walton Road	0455	
Coogan, Daniel F., Jr.	336 Brookline Blvd., Havertown, Pa.	Hilltop 2295 W	Whitall 8
Cooper, Bennett S.	521 Panmure Road	3254 M	Founders, East
Cooper, Michael S.	4516 Chestnut St., Phila., Pa.	Baring 2-6208	
Cornell, Charlene D.	Buck Lane	2904	Founders, East
Crosman, Sara E.	Griffin Lane	6220	Roberts, 2nd fl.
Davis, Evan	3730 Locust St., Phila., Pa.	Evergreen 6-5083	Whitall 8
Docherty, William, Jr.	746 Panmure Road	B.M. 0569 W	Gymnasium
Drake, Thomas E.*	702 Pennstone Rd., B.M.	B.M. 1534	Library, Treasure Room
Duisberg, Peter C.	170 Hansberry St., Phila., Pa.	Germantown 8-5045	Chem. Lab. 22
Dunn, Emmett R.	748 Rugby Rd., B.M.	B.M. 2753	Sharpless 39
Evans, Arlington	653 E. Jamestown St., Phila., Pa.	Roxborough 8-3876 J	Gymnasium
Evans, Francis Cope	1 College Lane	4049 W	Sharpless 32
Fetter, Frank W.	5 Canterbury Lane, St. Davids, Pa.	Wayne 2449 J	Whitall 9
FitzGerald, Alan S.	531 Panmure Rd.	5092	Sharpless 9
Flight, John W.	753 College Ave.	4409 W	Sharpless 42
Foss, Martin	1a College Lane	1599	Library 49
Goldberger, Else	Crum Creek Farm, Goshen Rd., R.F.D. 1, Newtown Square, Pa.	Newtown Square 0342 W	Whitall 2
Green, Louis C.	791 College Ave.	4409 J	Observatory
Haddleton, Alfred W.	20 Tenmore Rd.	B.M. 1235 W	Gymnasium
Harold, Agnes	322 Farwood Rd., Carroll Park Phila., 31, Pa.	5060	Union
Henry, Howard K.	1464 Drayton Lane Penn Wynne, Pa.	3913 J	Sharpless 31
Herndon, John G.**	1 College Lane	0364	
Hetzl, Theodore B.	768 College Ave.	4393 W	Hilles, 2nd fl.
Hewitt, Anna B.	245 S. 38th St., Phila. 4, Pa.	Evergreen 6-4946	Library, Treasure Room

<u>Name</u>	<u>Residence</u> Haverford, unless otherwise noted	<u>Telephone</u> Ardmore, unless otherwise noted	<u>Office</u>
(B.M. = Bryn Mawr, H. C. = Haverford College)			
Hoag, Gilbert T.	Woodside Cottage, H.C.	1402 W	Roberts, 1st fl.
Holmes, Clayton W.	720 Millbrook Lane	4269 W	Hilles, 1st fl.
Jones, Thomas O. **			Chem. Lab. 6
Jones, Rufus M.	2 College Circle	2777	
Kahn, Lessing A.	330 S. 4th St., Phila. 6, Pa.		Sharpless 21
Kelly, John A.	3 College Lane	4160	Whitall 11
Lester, John A.	36 Railroad Avenue	3168	Chase 3
Lockwood, Dean P.	6 College Circle	1402 J	Library
Lodge, F. Ruth	1527 Fairfax Rd., Rosemont, Pa.	B.M. 0663 W	Whitall 5
Lunt, William E.	5 College Lane	1507 W	Whitall 10
MacIntosh, Archibald	3 College Circle	0961	Roberts, 2nd fl.
Meade, Edward G.	214 Bryn Mawr Ave., B.M.	B.M. 1767 W	Library 39
Meldrum, William B.	747 College Ave.	0881 J	Chem. Lab. 10
Oakley, Cletus O.	Featherbed Lane	3109 W	Founders, Center East
Palmer, Frederic, Jr.	1 College Lane	6878	
Pepinsky, Abraham	7 College Lane	5324	Sharpless 21
Pfund, Harry W. **	624 Overhill Rd., Ardmore, Pa.	5532	
Post, Amy L.	C-3 Dreycott Apts.	1643 M	Library 28
Post, L. Arnold	9 College Lane	0258 M	Library 51
Randall, Roy E.	2 Griffin Lane	4565 W	Gymnasium
Rantz, J. Otto	2122 Chestnut Ave., Ardmore, Pa.		Hilles, Lab. fl.
Reid, Ira De. A.	Founders Hall, H.C.	9460	Library 50
Rittenhouse, Leon H.	6 College Lane	5522	
Rogers, Dorean Mary	Woodside Cottage, H.C.	3109 M	Union
Sargent, Ralph M.	4 College Circle	3339	Whitall 7
Schroeder, Seaton	418 St. Davids Road, St. Davids, Pa.	Wayne 0224	Founders
Snyder, Edward D.	36 Railroad Ave.	0712	Whitall 12
Spaeth, J. Duncan	Upper Gulph Rd., Wayne, Pa.	Wayne 2244	Whitall 14
Steere, Douglas V.	739 College Ave.	0162	Whitall 3
Stefan, Marie	4837 Cedar Ave., Phila. 43, Pa.	Granite 2-2845	Union
Stulb, Florence B.	4730 Conshohocken Ave. Phila. 31, Pa.	Trinity 7-0916	Roberts, 1st fl.
Sutton, Richard M.	785 College Ave. facing Walton Rd.	0742 W	Sharpless 17
Swan, Alfred	624 Overhill Rd., Ardmore, Pa.	5532	Union, Music
Taylor, Dr. Herbert W.	457 Lancaster Ave.	2383	Infirmary
Teaf, Howard M., Jr.	3 College Lane	4049 J	Chase 7
Ufford, Wilbur C.	774 Millbrook Lane	7995 W	Hilles, 3rd fl.
Walter, Barbara L.	5713 W. Ashland Ave., Phila. 43, Pa.	Sherwood 7-5939	Roberts, 1st fl.
Watson, Frank D.	773 College Ave.	2937	Whitall 6
White, Gilbert F.	1 College Circle	4642	Roberts, 2nd fl.
Williamson, A. Jardine	4 College Lane	4023	Founders, West
Wilson, Albert H.	765 College Ave.	1853	
Wonson, Gertrude M.	112 Mondela Ave., B.M.		Roberts, 2nd fl.
Wylie, Laurence W.	Government House, H.C.	2163 W	Library 42

*Indicates absence during second semester.

**Indicates absence during whole academic year.

COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by calling Ardmore 6400
unless otherwise noted

Admissions Office: Archibald MacIntosh, Director of Admissions	
Gertrude M. Wanson, Assistant to the Director of Admissions	
Alumni Office: Bennett S. Cooper, Secretary	
Assistant to the President: Bennett S. Cooper	
Barclay Hall, North	(Pay Station) ...9506
Barclay Hall, Center	(Pay Station) ...9459
Barclay Hall, South	(Pay Station) ...9508
Biology Laboratory (Sharpless Hall): E. R. Dunn, F. C. Evans, H. K. Henry	
Bookstore: Else Goldberger, Manager	
Business Office: Aldo Caselli, Comptroller	
Agnes Harold, Secretary to the Comptroller	
Dorean Mary Rogers (Accounts Payable)	
Marie Stefan (Accounts Receivable)	
Cashier's Office: Marie Stefan	
Chase Hall: John A. Lester, Howard M. Teaf, Jr.	
Chemistry Laboratory: W. E. Cadbury, Jr., P. C. Duisberg, W. B. Meldrum	
Dean's Office: Gilbert T. Hoag, Dean	
Barbara L. Walter, Secretary to the Dean	
Dietitian: Ethel E. Beatty	
Engineering Laboratory (Hilles): T. B. Hetzel, C. W. Holmes, J. O. Rantz,	
W. C. Ufford	
Founders Hall, East	(Pay Station) ...9160
Founders Hall, Dormitory	(Pay Station) ...9533
French House: Laurence W. Wylie, Director.....	(Pay Station) ...9613
Government House: Laurence W. Wylie, Director.....	(Pay Station) ...9613
Gymnasium	(Pay Station) ...9512
Gymnasium Office: W. Docherty, Jr., A. Evans, A. W. Haddleton, R. E. Randall	
Haverford News	
Hilles Laboratory of Applied Science (Engineering)	
Infirmary: Herbert W. Taylor, M.D., College Physician	
Mabel S. Beard, R.N.	
Kitchen	
(Pay Station) ...9544	
Language House: Manuel J. Asensio, Director.....	
(Pay Station) ...9428	
Library: D. P. Lockwood, Librarian	
Amy L. Post, Assistant Librarian	
Circulation Desk	
Treasure Room: Thomas E. Drake, Anna B. Hewitt	
Library Offices: B. Braatoy, M. Foss, E. G. Meade, L. A. Post, Ira De, A. Reid,	
L. W. Wylie	
Lloyd Hall, 3rd Entry (Kinsey) Rooms 1-12.....	(Pay Station) ...9520
Lloyd Hall, 5th Entry (Strawbridge) Rooms 13-26.....	(Pay Station) ...9514
Lloyd Hall, 8th Entry (Leeds) Rooms 27-38.....	(Pay Station) ...9628
Maintenance and Operation Office: Seaton Schroeder, Superintendent	
Viola Chatto, Secretary to the Superintendent	
Merion Annex	(Pay Station) ...9561
Merion Hall	(Pay Station) ...9458
Observatory: Louis C. Green	
Panmure Road—521, Dormitory	(Pay Station) ...9516
Panmure Road—746, Dormitory	(Pay Station) ...Bryn Mawr 9275
Physics Laboratory (Sharpless Hall): T. A. Benham, R. M. Sutton	
Placement Bureau: Bennett S. Cooper, Director	
Power House.....	
(Pay Station) ...9540	
President: Gilbert F. White	
President's Office: Alice M. Berry, Secretary to the President	
Publicity Director: Bennett S. Cooper	
Radio Club: Station WHAV (Haverford Union)	
(Pay Station) ...5012	

COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by calling Ardmore 6400
unless otherwise noted

Registrar's Office: Margaret R. Coggeshall, Florence B. Stulb
Research Laboratory: Alan S. FitzGerald, Director (Pay Station) . . . 5092
Sharpless Hall: T. A. Benham, H. Comfort, E. R. Dunn, F. C. Evans,
A. S. FitzGerald, J. W. Flight, H. K. Henry, L. A. Kahn,
A. Pepinsky, R. M. Sutton
Veterans' Counsellor: Howard Comfort (Whitall Hall 5)
F. Ruth Lodge, Secretary to the Veterans' Counsellor
Vice President: Archibald MacIntosh
Sara E. Crosman, Secretary to the Vice President
Whitall Hall: H. Comfort, D. F. Coogan, Jr., Evan Davis, F. W. Fetter,
E. Goldberger, J. A. Kelly, W. E. Lunt, R. M. Sargent, E. D. Snyder,
J. D. Spaeth, D. V. Steere, F. D. Watson

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 1 p.m. on Saturday, none Sunday) any of the offices listed below can be reached by calling *Ardmore 6400*.

When there is no operator on duty, use the following telephone number:

Ardmore 6400 Library; Maintenance and Operation Office
Ardmore 6401 Dean; Comptroller
Ardmore 6402 Hiles Laboratory; Physics Laboratory
Ardmore 3036 Infirmary
Ardmore 3761 President's Office
Ardmore 1942 Vice President; Director of Admissions

FACULTY OFFICE TELEPHONES

The offices of most of the members of the Faculty may be reached by calling Ardmore 6400 during the hours when there is an operator at the switchboard.

DIRECTORY STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room:

<i>Bc</i> for Barclay Center	<i>L.H.</i> for Language House
<i>Bn</i> for Barclay North	<i>L.</i> for Lloyd Hall
<i>Bs</i> for Barclay South	<i>M.A.</i> for Merion Annex
<i>Bc.T.W.</i> for Barclay Center Tower, West	<i>M.</i> for Merion Hall
<i>Bc.T.E.</i> for Barclay Center Tower, East	521 for Panmure Road
<i>F.</i> for Founders Hall	746 for Panmure Road
<i>G.H.</i> for Government House	

(NOTE: The number preceding 521, 746, M.A., and M. indicates the room occupied by the student.)

Name	Home Address	College Address
------	--------------	-----------------

A

ACKER, GEORGE NICHOLAS.....		Day
New Oxford, Pa.		
Local Address: 28 Cricket Ave., Ardmore, Pa.		
ACTON, JOHN THOMAS.....		50 Bn
Buck Road, Bryn Athyn, Pa.		
ADAMS, JAMES FOWLER, JR.....		35 L
2900 Harrison Street, Wilmington 270, Del.		
ADDOMS, JEREMY.....		Day
25 Hilltop Road, Chestnut Hill, Philadelphia, Pa.		
AGNEW, ROBERT LEWIS.....		Day
1133 Patton Avenue, Springfield, Ill.		
Local Address: Pendle Hill, Wallingford, Pa.		
ALDEN, CHARLES SEYMOUR.....		Day
8 Craigie Street, Cambridge Mass. % Mrs. Murray P. Horwood		
Local Address: 225 Roberts Road, Bryn Mawr, Pa.		
% Dr. Richard M. Bernheimer		
Telephone: Bryn Mawr 3029-R		
ALENICK, MONROE EDWARD.....		37 L
292 Eastern Parkway, Newark 6, N. J.		
ALLEN, ROBERT WALKER.....		Day
Buck Lane, Haverford, Pa.		
ALLINSON, ANDREW PREVOST.....		7 L
Town's End Farm, West Chester, Pa.		
AMBLER, WILLIAM WEBSTER, JR.....		Day
1635 DeKalb Street, Norristown, Pa.		
Local Address: 2936 Rising Sun Road, Ardmore, Pa. % Mr. John Mercer		
Telephone: Ardmore 1438-W		
AMUSSEN, CHRISTOPHER ROBIN.....		32 Bc
125 Kenwood Avenue, Chevy Chase, Md.		
ANDERSON, JOHN DICKSON.....		8 F
580 Second Street, Butler, Pa.		
ATKESON, TIMOTHY BREED.....		33 Bc
3673 Upton Street, N. W., Washington 8, D. C.		
AUSTAD, RAGNAR.....		10-521
Mjøndalen, Norway		

B

BACON, ROGER.....		30 F
3307 Clarendon Road, Cleveland Heights, Ohio		
BAER, BRUCE LAWRENCE.....		31 L
738 Gimghoul Road, Chapel Hill, N. C.		
BAILEY, MOSES OMAR.....		17 L
160 N. Main Street, West Hartford 7, Conn.		

Name	Home Address	College Address
BAIR, GEORGE ELDRIDGE	Stuyvesant, N. Y.	14 M
BAKER, ELWOOD TATE	37-23 83rd Street, Jackson Heights, L. I., N. Y.	19 Bs
BAKER, ROBERT KNOCHE	355 Columbia Avenue, Palmerton, Pa.	11 M
BAKER, WILLIAM PERRIN, JR.	355 Columbia Avenue, Palmerton, Pa.	23 L
BALDI, VIRGIL BISMARCK, JR.	437 W. School Lane, Philadelphia, Pa.	19 F
BALDWIN, GORDON BREWSTER	Orchard Glenn, R. D. 1, Rochester 10, N. Y.	23 Bs
BARKER, HAROLD JOSEPH, JR.	201-30th Street, Brigantine, N. J.	51 Bn
BARKER, WILLIAM PIERSON, II.	1553 Shorb Avenue, N. W., Canton 3, Ohio	21 L
BARRAT, BERNARD JOHN	54 Avenue de Neuilly, Neuilly-sur-Seine, France	12-52I
BARRAZA, CARLOS	Donato Guerra 315 S, Torreon, Coah, Mexico	70 Bn
BARRON, DANIEL ALOYSIUS	13 W. Bertsch Street, Lansford, Pa.	5 M
BARROWS, WILLIAM MONROE	24 Willard Street, E. Braintree 84, Mass.	24 Bs
BASSERT, DAVID ERISMAN	118 Island Avenue, Bala-Cynwyd, Pa.	5 F
BASSLER, CARL BRUCE	Ainsworth Iowa Local Address: Pendle Hill, Wallingford, Pa.	Day
BEAULIEU, CHARLES EMILE	27 Hooker Street, Pitkin Homes, E. Hartford, Conn. Local Address: 1011 Roosevelt Avenue, Manoa, Pa. % Mrs. Muller Telephone: Hilltop 6209	Day
BECK, STUART MORGAN	3900 Cathedral Avenue, N. W., Washington 16, D. C.	14 L
BECKLEY, ADDISON SUMMERS	277 S. Douglas Avenue, Springfield, Ohio	3-746
BEEKEN, WARREN LAZELL	150 Beaver Street, Beaver, Pa.	51 Bn
BEHRENS, ROBERT HERMAN	4042 Walnut Street, Philadelphia, Pa.	Day
BENNETT, PETER GOLDTHWAIT	82 Washington Street, Wellesley Hills, Mass.	9 F
BERNSTEIN, DANIEL SEYMOUR	3700 Hilton Road, Baltimore 15, Md.	37 L
BETSON, ROBERT BOYD	239 Crawford Avenue, Lansdowne, Pa.	Day
BETSON, WESLEY RHODES	239 Crawford Avenue, Lansdowne, Pa.	Day
BILLO, JOSEPH GEOFFREY	11 Axtell Drive, Scarsdale, N. Y.	6 Bs
BINGHAM, JULES	63 Wall Street, New York 21, N. Y.	Mer. Annex 3rd Fl.
BIRDSALL, JOSEPH COOPER, JR.	139 Booth Lane, Haverford, Pa.	7 L
BISHOP, WILLIAM SPOTSWOOD	226 Greenwood Road, Sharon Hill, Pa.	4-746
BLAKE, FREDERICK LEIGHTON	202 W. Becchtree Lane, Wayne, Pa.	9 L
BLASIUS, LESLIE GORDON	529 Wyoming Avenue, Millburn, N. J.	4 L

Name	Home Address	College Address
BLUM, DAVID MEYER	3603 Forest Park Avenue, Baltimore 16, Md.	37 L
BOCK, GERHARD PATRICK	706 Merion Avenue, Havertown, Pa.	Day
BOGER, JOHN NEIL	341 Cumberland Street, Lebanon, Pa.	69 Bn
BOND, CARL TAYLOR	4 Walnut Street, Bristol, N. H.	6 L
BOTELER, CHARLES MAGDEFRAU, JR.	4600 Sedgwick Street, N. W., Washington, D. C.	32 Bc
BOUZARTH, WILLIAM FRANCIS, II	635 Belair Avenue, Aberdeen, Md.	22 L
BOWDEN, ROBERT L.	732 Railroad Avenue, Bryn Mawr, Pa.	Day
BOYD, ANDREW, JR.	6840 W. Barnett Lane, Milwaukee 11, Wis.	56 Bn
BRENES, LUIS GUILLERMO	San Jose, Costa Rica	66 Bn
BREWER, PAUL CLISBY, JR.	36 Hamilton Avenue, Auburn, N. Y.	L.H.
BRICK, ALLAN RANDALL	239 W. Glen Avenue, Ridgewood, N. J.	23 Bs
BRODHEAD, CHARLES DANIEL	621 Rising Sun Avenue, Philadelphia 40, Pa.	10 F
BRONNER, EDWIN BLAIR	229 N. 18th Street, Philadelphia, Pa.	Day
BROOM, WILLIAM THOMAS	7031 Boyer Street, Philadelphia 19, Pa.	22 Bs
BROUS, NORMAN SCATTERGOOD	118 E. Gorgas Lane, Philadelphia 19, Pa.	Day
BROWN, EDWIN LOUIS	20 Griffing Boulevard, Asheville, N. C.	23 Bs
BROWN, JOSEPH EPES, III	Southwest Harbor, Me.	102 M.A.
BROWN, ROBERT EDWIN	22 Woodbine Avenue, Larchmont, N. Y.	35 Bc
BROWNLEE, HAROLD JOSEPH, JR.	Quaker Oats, Ltd., Southall, Middlesex, England	24 Bs
BROWNLEE, JOHN ERSKINE	Quaker Oats, Ltd., Southall, Middlesex, England	38 L
BUCKLEY, JAMES COAKLEY	620 Shadeland Avenue, Drexel Hill, Pa.	18 L
BULLOCK, JOHN ROBERT	418 S. 47th Street, Philadelphia, Pa.	113-115 M.A.
BUSH, JOHN HATHAWAY	4901 Hillbrook Lane, Washington, D. C.	8 L
BUTTRICK, DAVID GARDNER	21 E. 79th Street, New York, N. Y.	1 L
C		
CADBURY, WARDER HENRY	7 Buckingham Place, Cambridge, Mass.	18 F
CALHOUN, CREDE CRESPI	Box 194, Balboa Heights, Canal Zone	17 Bs
CANAN, JAMES FRANKLIN	1803 Third Avenue, Altoona, Pa.	G.H.
CANAN, LAWRENCE HENDERSON, JR.	1803 Third Avenue, Altoona, Pa.	G.H.
CARMAN, JOHN BRAISTED	40 W. Hyatt Avenue, Mt. Kisco, N. Y.	26 Bc
CARRINGTON, GEORGE CABELL, JR.	3715 Woodley Road, N. W., Washington 16, D. C.	28 Bn

Name	Home Address	College Address
CARROLL, JOHN MACGREGOR	468 Riverside Drive, New York City	G.H.
CARTIER, GEORGE THOMAS	248 Conestoga Road, % Lowry, Wayne, Pa.	Day
CARY, JOHN RICHARD	627 Walnut Lane, Haverford, Pa.	Day
CASE, WARD CALVIN	2512 Dryden Road, Columbus, Ohio	.25 L
CATES, PAUL BARKER	East Vassalboro, Me.	.26 Bc
CHAPMAN, WILLIAM DEWSON	Wellesley Farm, Sutton-West, Ontario, Canada	G.H.
CHEYETTE, HERBERT BASIL	646 Locust Street, Indiana, Pa.	.28 Bc
CLARK, DONALD ENGLE	122 Ardmore Avenue, Ardmore, Pa.	Day
CLARK, WILLIAM RICHMOND	Box No. 81, Williamstown, Mass.	.22 Bs
CLAYTON, ROBERT FRANCIS, JR.	49 E. Providence Road, Lansdowne, Pa.	.3 L
CLEMENT, FREDERICK TOMSON	407 Woodland Avenue, Wayne, Pa.	.8 L
CLOS, JOHN PULVER	95-A Glenwood Avenue, Jersey City, N. J.	.14 M
COALE, EDGAR BELLVILLE	521 E. Mermaid Lane, Philadelphia, Pa.	.15 M
COLE, DON HAGLER	1210 E. 19th Street, Tulsa, Okla.	.52 Bn
COLKET, TRISTRAM COFFIN, 3RD.	835 Mt. Moro Road, Villa Nova, Pa.	.4 L
COLLIER, REGINALD BRUCE	7 Negus Street, Webster, Mass.	.61 Bn
COLLINS, BENJAMIN McVICKAR	Broadlea Farm, Rhinebeck, N. Y.	.2 F
COLMAN, GEORGE DICKSON	159 Chapin Street, Binghamton, N. Y.	.53 Bn
COOPER, BROOKS BAXTER	521 Panmure Road, Haverford, Pa.	Day
COOPER, EVERETT BRUEN	115 E. 5th Avenue, Conshohocken, Pa.	Day
COPE, PAUL MARKLEY	Hotel Morton, Atlantic City, N. J.	9-521
COPE, WALTER HARVEY	Hotel Morton, Atlantic City, N. J. Local Address: 768 College Avenue, Haverford, Pa. % Dr. Theodore Hetzel	Day
CORNELL, EDWARD HUSSEY BINNS	Buck Lane, Haverford, Pa.	Day
COUCH, RICHARD ARDEN	601 Clearview Avenue, Pittsburgh 5, Pa.	G.H.
COWAN, WILLIAM EDGAR	3220 Cove Road, Merchantville, N. J.	9-746
CROLIUS, THOMAS POTTER	The Manor, Alden Park, Philadelphia, Pa.	Day
CROSMAN, DORLAND LORING	736 Railroad Avenue, Bryn Mawr, Pa.	Day
CULBERT, CRAIG DUNLAP	26 Chatham Road, Ardmore, Pa.	Day
CUNNINGHAM, BRADLEY, III	3509 "O" Street, N. W., Washington, D. C.	.12 M

Name	Home Address	College Address
D		
DAUDON, MARC DANIEL	623 Walnut Lane, Haverford, Pa.	17 L
DAVENPORT, ROBERT MONTGOMERY	1825 Green Street, Philadelphia 30, Pa.	Day
DAVIES, DAVID ELWYN	3012-44th Street, N. W., Washington 16, D. C.	12-521
DAVIS, ALAN MARVIN	1401 Beach 28th St., Far Rockaway, N. Y.	4 Bs
DAVIS, JOHN GILMAN	76 Brooks Street, West Medford, Mass.	13 L
DEITSCH, PETER HERBERT	Ritz Tower, Park Avenue at 57th Street, New York City, N. Y.	6 L
DEITZ, JAMES GILBERT	135 Bompert Avenue, Webster Grove 19, Mo.	53 Bn
DELP, WILLIAM TAYLOR	520 Derstine Avenue, Lansdale, Pa.	10 L
DE MARCO, MICHAEL CHARLES	7201 N. Broad Street, Philadelphia 26, Pa.	Day
DE SCHWEINITZ, GEORGE LORD, JR.	R. D. 2, Bethlehem, Pa.	14 L
DI GIOVANNI, CARMEN	1036 Montgomery Avenue, Narberth, Pa.	Day
DI PHILLIPO, ANTHONY JOHN	26 Edgemont Avenue, Clifton Heights, Pa.	Day
DISBROW, DONALD WILLIS	R. D. 3, Dundee, N. Y.	72 Bn
DOANE, JOHN WINTHROP	316 Stanwood Street, Philadelphia 11, Pa.	4 G.H.
DOANE, ROBERT FAY	127 Harrison Avenue, Glenside, Pa.	37 Bc
DORN, RICHARD KENNETH	6140 Nassau Road, Philadelphia, Pa.	Day
DOWNING, GEORGE VALENTINE, JR.	427 Market Street, Salem, Va.	103 M.A.
DRAGSTEDT, LESTER REYNOLD, II	5200 Greenwood Avenue, Chicago, Ill.	53 Bn
DRAKE, CHARLES DANIEL	47 Main Street, Franklin, N. J.	14 L
DURLING, JAMES ALGER	154 Main Street, Wadsworth, Ohio	27 L
DVORKEN, HENRY JACOB	435 W. 5th Avenue, Roselle, N. J.	14 F
DYER, KIMBALL DECKER	14114 Grandmont Road, Detroit, Mich.	13 Bs
DYSON, JOHN COLTER	1426 Harlem Boulevard, Rockford, Ill.	52 Bn
E		
EASTMAN, ALBERT THEODORE	1544 Columbus Avenue, Burlingame, Calif.	52 Bn
ECHIKSON, EDWARD	31 Midland Boulevard, Maplewood, N. J.	33 L
EDGERTON, CHARLES WILLIS, JR.	College Avenue, Haverford, Pa.	30 L
EDGERTON, HUGH MCLVAIN	College Avenue, Haverford, Pa.	Bc T.E.
EDGERTON, ROBERT	College Avenue, Haverford, Pa.	2 L
EDMONDS, THOMAS HARTLEY	Box 225, Goldens Bridge, N. Y.	61 Bn

Name	Home Address	College Address
ELKINGTON, PETER WEST	6514 Germantown Avenue, Philadelphia 19, Pa.	Day
ELLIOTT, RALPH MENGES	19 Grace Court, Brooklyn, N. Y.	3-746
ESTEY, JOHN SHERMAN	Overbridge Farm, Ephrata, Pa.	5 L

F

FALTERMAYER, EDMUND KASE	46 E. Gowen Avenue, Philadelphia, Pa.	G.H.
FEIL, JOHN PHILIP	Alger Court, Bronxville, N. Y.	2-746
FEROË, BARTON KENNETH	213 Marlboro Road, Ardmore, Pa.	Day
FEROE, RICHARD ALAN	327 Highland Road, Pottstown, Pa.	6 Bs
FLAHERTY, JOSEPH PAUL, JR.	286 Trent Road, Penn Wynne, Pa.	12-521
FLEMING, THOMAS TALBOT	E. Valley Green Road, Flourtown, Pa.	21 L
FLETCHER, RICHARD MCCLURG	3112 "O" Street, N. W., Washington 7, D. C.	58 Bn
FLINT, PETER BOONE	61 W. 9th Street, New York 11, N. Y.	60 Bn
FOSTER, JAMES HENRY	88 Blake Road, Hamden, Conn.	11 L
FOX, SAMUEL TUCKER, 3RD	164 Pennsylvania Avenue, Bryn Mawr, Pa.	Day
FREEMAN, MURRAY FOX	Thistle Run, Gladwyn, Pa.	Day
FRIEDRICH, GERHARD GUNTER	49 Kenilworth Street, Pittsfield, Mass.	23 F

G

GAGER, FORREST LEE, JR.	719 E. Willow Grove Avenue, Philadelphia, Pa.	Day
GAILEY, JOHN ROBERT, JR.	401 Roosevelt Avenue, Apt. A., York, Pa.	37 Bc
GARDNER, KENNETH ADELMAN	2214 Forest Glen Road, Pittsburgh 17, Pa.	12 L
GARRETT, PHILIP CRESSON, II	Lincoln Highway, Malvern, Pa.	36 Bc
GATELY, EDWARD JOSEPH, JR.	476 Fair Street, Providence 5, R. I.	11 L
GEBHARDT, JOHN FRANK	140 E. 29th Street, Erie, Pa.	15 L
GEIGES, CHARLES KIRKWOOD	124 Hastings Avenue, Upper Darby, Pa.	21 F
GEOFFROY, CHARLES HENRY	509 Wilde Avenue, Drexel Hill, Pa.	19 L
GERLACH, THOMAS BRADFIELD	1526 N. 15th Street, Philadelphia, Pa.	68 Bn
GILBERT, CHARLES EDWARD	3 Glendale Avenue, Delmar, N. Y.	61 Bn
GILMOUR, RICHARD MALCOLM	249 Green Avenue, Lansdowne, Pa.	33 Bc
GINSBURG, SILAS JAY	5317 N. 16th Street, Philadelphia, Pa.	7 M
GOOD, ANSON BIXLER	141 Snider Avenue, Waynesboro, Pa.	11-521
GOODMAN, I. ROBERT	3749 Nortonia Road, Baltimore 16, Md.	12 F

Name	Home Address	College Address
GORHAM, WILLIAM KANE, III	3346 Tilden Street, Philadelphia 29, Pa.	10 M
GOULD, STANLEY BENTON	3505 Edgewood Road, Baltimore, Md.	12 L
GRAFF, THOMAS DOUGLAS	Sugartown Road, Paoli, Pa.	9-746
GRAHAM, ROLAND BOSWELL, JR.	7802 Lincoln Drive, Philadelphia 18, Pa.	Day
GRAHAME, EDWARD LENNOX	6411 Grays Avenue, Philadelphia, Pa.	G.H.
GREENWALD, STANLEY MORTON	2847 N. 22nd Street, Philadelphia 32, Pa.	21 F
GRIER, JESSE	134 Irwin Avenue, Ben Avon, Pittsburgh, Pa.	38 Bc
GRISTE, RICHARD DEHAVEN	6111 Lebanon Avenue, Philadelphia 31, Pa.	Day
GROSHOLZ, JAMES RICHARD	% J. D. Burnham, Radnor and Gulph Roads, Wayne, Pa.	Day
GROSSMAN, ALFRED DURANT	10 Wakeman Place, Larchmont, N. Y.	35 Bc

H

HAGNER, GEORGE WILLS, JR.	251 W. Harvey Street, Philadelphia 41, Pa.	Day
HAMILTON, RICHARD TRUITT	856 County Line Road, Bryn Mawr, Pa.	Day
HAMMOND, STANLEY GEORGE	104 Park Road, Llanerch, Pa.	Bc T.E.
HAND, THOMAS SPENCER	1 Holmcrest Road, Jenkintown, Pa.	54 Bu
HANDY, EDWARD HAVEN, JR.	19 Bradford Street, Needham, Mass.	L.H.
HARDEN, DAVID STEWART	341 E. Main Street, Moorestown, N. J.	30 L
HARDEN, ROBERT SCHERMERHORN	341 E. Main Street, Moorestown, N. J.	30 L
HARKINS, RICHARD STEWART	6208 N. 6th Street, Philadelphia, Pa.	8 M
HARPER, LEE RICHARD	190 Crowell Avenue, Staten Island 2, N. Y.	50 Bu
HARPER, ROBERT	190 Crowell Avenue, Staten Island 2, N. Y.	24 L
HARRER, JOHN MORRISON	7138 Cresheim Road, Mt. Airy, Philadelphia, Pa.	Day
HARRER, SUSAN SMITH	7138 Cresheim Road, Mt. Airy, Philadelphia, Pa.	Day
HARRIS, WILLIAM HAMILTON	204 N. 17th Street, Camp Hill, Pa.	34 L
HARVEY, RANDOLPH CHARLES	112 Chamounix Road, St. Davids, Pa.	19 L
HASTINGS, DAVID SPENCER	79 Connecticut Avenue, Kensington, Md.	69 Bu
HAUSER, JOHN NORMAN	7443 Oakhill Avenue, Wauwatosa, Wis.	36 L
HAWKINS, LEE WYETH	4949 Quebec Street, N. W., Washington, D. C.	20 L
HAYES, DONALD	113 Sharon Avenue, Collingdale, Pa.	Day
HAZELWOOD, ROBERT NICHOLS	3405 N. Hackett Avenue, Milwaukee 11, Wis.	25 L

Name	Home Address	College Address
HEALEY, ROBERT JOSEPH.	Bryn Mawr Gables, Bryn Mawr, Pa.	Day
HEBERTON, CRAIG, 3RD.	182 Lakeside Road, Ardmore, Pa.	Day
HENDERSON, ROBERT EARL.	306 Lincoln Avenue, New Castle, Pa.	29 L
HENDON, ROBERT RANDALL.	1208 N. Pitt Street, Alexandria, Va.	L.H.
HENKELS, JOHN BERNARD, 3RD.	446 Church Lane, Philadelphia 44, Pa.	L.H.
HENKELS, PAUL MACALLISTER, II.	446 Church Lane, Philadelphia 44, Pa.	26 L
HENNE, JOHN KRAFFERT.	332 W. Oak Street, Titusville, Pa.	32 L
HERMAN, DAVID OVENDEN.	5510 Roland Avenue, Baltimore 10, Md.	28 Bc
HERTER, THEOPHILUS JOHN.	232 Wendover Drive, Westgate Hills, Upper Darby, Pa.	Day
HICKMAN, HOYT LEON.	829 Osage Road, Mt. Lebanon, Pa.	29 L
HILL, ROBERT WHITE.	84 Kenilworth Avenue, Garrett Park, Md.	L.H.
HOBART, JOHN HAMPDEN.	11 Oldfield Avenue, Apt. 6, Montreal, Canada	66 Bn
HOFFMAN, GEORGE L., JR.	301 S. Linden Avenue, Pittsburgh, Pa.	1-746
HOLLINGSHEAD, IRVING, JR.	309 Chestnut Street, Moorestown, N. J.	67 Bn
HOLMES, ROBERT WILLIAM.	720 Millbrook Lane, Haverford, Pa.	Day
HOOD, HENRY GERMAN, JR.	3308 Warden Drive, Philadelphia 29, Pa.	G.H.
HOOPES, JOHN ROBISON, JR.	5500 Moorland Lane, Bethesda, Md.	Bc T.W.
HOPKINS, FRANK THOMAS.	316 Thornhill Road, Baltimore 12, Md.	12 L
HOSKINS, ROBERT GRAHAM.	86 Barick Road, Waban 68, Mass.	L.H.
HOUGH, WILLIAM JARRETT HALLOWELL, JR.	60 E. Butler Avenue, Ambler, Pa.	24 L
HOWE, GERALD SHROPSHIRE.	1038 31st Street, N. W., Washington, D. C.	109-111 M.A.
HUGHES, CHARLES MARTIN.	321 E. Second Street, Lansdale, Pa.	21 b-F
HUME, HARRY ALAN.	550 Beverly Road, Upper Darby, Pa.	Day
HUTCHINSON, ERNEST CHARLES.	101 Grandview Road, Ardmore, Pa.	Day

I

IMHOF, LAWRENCE GEORGE.	678 Richmond Road, Staten Island 4, N. Y.	50 Bn
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J

JACKSON, RALPH BARNES.	28 Grove Street, Adams, Mass.	13 M
JACOB, JAMES ARCHIBALD, JR.	1310 Pleasant Avenue, Wellsburg, W. Va.	21 L
JACOBS, DENHOLM MUIR.	Crum Creek Farm, Devon, Pa.	Day

Name	Home Address	College Address
JACOBS, GEORGE WAYNE, JR.	.....	5-746
% Mrs. L. R. Kinnard,	25 Fifth Avenue, New York	
JAMESON, THOMAS EDWARD	.....	2-746
505 N. Lake Street,	Carlsbad, N. M.	
JAMISON, EDGAR MERRITT, JR.	.....	60 Bn
11 Canterbury Court,	Toledo 6, Ohio	
JOHNSON, JAMES DEXTER	.....	5 L
250 S. Brentwood,	Clayton, Mo.	
JOHNSON, LEWIS MARSHALL	.....	11 Bs
R. R. 2, Box 263,	Jeffersontown, Ky.	
JOHNSON, RICHARD SCHAPER	.....	31 L
328 W. 22nd Street,	Erie, Pa.	
JOHNSON, VICTOR LAWRENCE	.....	13 L
1007 Valley Road,	Melrose Park, Pa.	
JOHNSTON, ROBERT JAMES, JR.	.....	Day
510 W. Montgomery Avenue,	Haverford, Pa.	
JONES, ALDRED WILSON	.....	30 Bc
616 Register Avenue,	Baltimore 12, Md.	
JONES, ARTHUR EDWARD	.....	32 Bc
139 Ellis Road,	Havertown, Pa.	
JONES, CORSON	.....	Bc T.E.
9 Hesketh Street,	Chevy Chase, Md.	
JONES, EVAN GORDON NEWTON	.....	L.H.
Hectors River P. O.,	Jamaica, B. W. I.	

K

KATZ, JOHN ZADDOCH	.....	33 L
2609 Talbot Road,	Baltimore 16, Md.	
KELLY, PAUL SHERWOOD	.....	15 L
118 W. 36th Street,	Erie, Pa.	
KENNEDY, FRANCIS RICHARD, JR.	.....	38 Bc
810 High Street,	Paris, Ky.	
KIMMICH, HOMER MARSHALL	.....	Day
505 Lancaster Avenue,	Haverford, Pa.	
KINDLER, DON	.....	1 L
Jessups,	Md.	
KING, MILTON PAUL	.....	Day
2509 N. 31st Street,	Philadelphia, Pa.	
KIRK, ROBERT LOUIS	.....	5 Bs
20 W. Baltimore Avenue,	Media, Pa.	
KIRKPATRICK, RICHARD BRUCE	.....	4 F
206 Oak Street,	Butler, Pa.	
KLEIN, EDWIN BENEDICT, JR.	.....	5 Bs
231 Bedford Road,	Pleasantville, N. Y.	
KLEIN, GILBERT WOOD	.....	Day
Mt. Pleasant Avenue and	Panorama Road, Villa Nova, Pa.	
KLEIN, ROBERT ANDERSON	.....	5 Bs
231 Bedford Road,	Pleasantville, N. Y.	
KNOWLTON, ANDREW MUTCH	.....	Day
126 Sharon Avenue,	Sharon Hill, Pa.	
KONOWITZ, DAVID BERNARD	.....	7 M
85-21 Homelawn Street,	Jamaica, L. I., N. Y.	

L

LAITY, DAVID SANFORD	.....	68 Bn
105 Elliott Place,	East Orange, N. J.	
LAITY, RICHARD WARREN	.....	69 Bn
105 Elliott Place,	East Orange, N. J.	
LAITY, WALTER ASBURY	.....	C.H.
105 Elliott Place,	East Orange, N. J.	
LAMBERT, RICHARD MEREDITH	.....	15 F
104 Webster Avenue,	Wyncote, Pa.	

Name	Home Address	College Address
LANGSTON, THOMAS DINSMORE	621 Malvern Road, Ardmore, Pa.	Day
LARSON, JOHN WALTER	87 E. Jessamine Avenue, St. Paul, Minn.	1-746
LASDAY, HARRISON ROBERT	1322 Sq. Hill Avenue, Pittsburgh, Pa.	27 L
LASH, WILLIAM STANLEY MALLORY	R. R. 1, Fonthill, Ontario, Canada	22 F
LAWTON, MORTIMER POWELL	1301 Durand Drive, Atlanta, Ga. Local Address: 785 College Avenue, Haverford, Pa. % Dr. Richard M. Sutton	Day
LEA, SPERRY	Lake Success, N. Y.	1-746
LEAMAN, GEORGE ARTHUR	40 Fifth Avenue, Apt. 7d, New York City, N. Y.	L.H.
LEE, WILLIAM MARSHALL	21 Park Lane, E. Walpole, Mass.	10 L
LENTON, CHARLES TREWARTHA, JR.	1725 N. Edgewood Street, Philadelphia, Pa.	Day
LESLIE, ALEXANDER MOIR	116 E. 53rd Street, New York 22, N. Y.	L.H.
LEUCHTER, BEN ZION	East Park Avenue, Vineland, N. J.	3 L
LEVINSON, HENRY WALTER	4724 Sansom Street, Philadelphia 39, Pa.	1 L
LI, TA-KUANG	285 Riverside Drive, New York 25, New York Local Address: 322 Locust Avenue, Ardmore, Pa. % Mrs. MacConnel	Day
LIGHTEN, WILLIAM LEWIS	205 W. Tulpehocken Street, Philadelphia 44, Pa. Local Address: Swarthmore College, Swarthmore, Pa.	Day
LIMBER, WAYNE STEVENSON	166 Elm Street, Montpelier, Vt.	67 Bn
LIND, INGE-ROLV	Valkyriegt 21.4, Oslo, Norway	42 Bs
LINTHICUM, WILLIAM ABNER, JR.	110 S. Washington Street, Rockville, Md.	58 Bn
LONGACRE, JACOB ANDREWS	115 N. Reading Avenue, Boyertown, Pa.	7-746
LONGSTRETH, FRANK HOOVER	31 Railroad Avenue, Haverford, Pa.	Day
LORENTZEN, RICHARD PETER	4601 Waveland Court, Des Moines, Iowa	1 Bs
LUCAS, ROBERT MORELAND	Main Street, Cederville, N. J.	28 L
LUCINE, ANDREW DERAN	Centennial Road, Penn Valley, Philadelphia 27, Pa.	Day
LYCETT, ISAAC CATE, JR.	"Seldom Come By," Owings Mills, Md.	13 Bs
LYNCH, HAROLD VINCENT, JR.	7203 Cresheim Road, Philadelphia, Pa.	25 Bc

M

MACINTOSH, WALTER BRUCE, JR.	Allentown, Pa.	13 Bs
MAGILL, DONALD ADMIR	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	34 Bc
MANWILLER, KARI SAMUEL, JR.	654 Arbor Road, Yeadon, Pa.	60 Bn

Name	Home Address	College Address
MAQUINAY, ROBERT	.....	6-746
	% H. Atwood, 30 Rockefeller Plaza, Room 2213, New York 20, N. Y.	
MARONEY, PHILIP MARVEL	.....	Day
	437 Berkley Road, Haverford, Pa.	
MARTIN, DONALD BECKWITH	.....	Day
	2948 Oakford Road, Ardmore, Pa.	
MARTIN, FRANK BUCHA, JR.	.....	20 F
	822-15th Avenue, Prospect Park, Pa.	
MARVIN, CLOYD	.....	14 M
	2601-30th Street, N. W., Washington, D. C.	
MASON, SAMUEL, 3RD	.....	40 Bc
	Darlington, Md.	
MASSEY, PARKE DUNCAN	.....	114-116 M.A.
	143 E. 60th Street, New York, N. Y.	
MATEER, GEORGE DIEHL, JR.	.....	Day
	2932 Rising Sun Road, Ardmore, Pa.	
MATLACK, CHARLES WILLIAM	.....	G.H.
	King's Highway, Moorestown, N. J.	
McCANDLISS, DONALD HENRY	.....	1-746
	Station A, Trenton, N. J.	
McCLOUD, JOHN MADISON	.....	Day
	% Dr. Howard Comfort, 5 College Circle, Haverford, Pa.	
McDONALD, FRANK HILL	.....	Day
	601 Brookstown Avenue, Winston-Salem, N. C.	
	Local Address: Pendle Hill, Wallingford, Pa.	
McGUIRE, CHARLES ROBISON	.....	Bc T.E.
	3310 Warrington Road, Shaker Heights, Ohio	
McILHENNY, WILLIAM JOHN	.....	Day
	6822 Rodney Street, Philadelphia 38, Pa.	
McKINLEY, RICHARD SMALLBROOK, III.	.....	9-746
	Arnold Inn, Northampton, Mass.	
McLAUGHLIN, JOHN GERALD, JR.	.....	9 L
	10 Lowell Avenue, Floral Park, N. Y.	
MEAD, GEORGE NATHANIEL JACKSON	.....	Day
	2006 Pine Street, Philadelphia, Pa.	
MELCHIOR, CHARLES MONTFORT	.....	Day
	240 W. Montgomery Avenue, Haverford, Pa.	
MELDRUM, DONALD NICHOL	.....	Day
	747 College Avenue, Haverford, Pa.	
METCALFE, RICHARD JOHN	.....	11 L
	397 May Street, Worcester, Mass.	
MILLER, BRUCE MARTEN	.....	35 L
	% Ward, 1608 Upshur, N. W., Washington, D. C.	
MILLER, JAMES QUINTER	.....	67 Bn
	10 Manor Drive, Tuckahoe 7, N. Y.	
MILLER, STEPHEN RABEN	.....	13 L
	1501 Undercliff Avenue, Bronx 53, N. Y.	
MILLER, WILLIAM HENRY	.....	21 Bs
	7703 Crossland Road, Pikesville 8, Md.	
MOHN, WILLIAM HARBESTER	.....	23 L
	Valmont Farms, Robesonia, Pa.	
MOLZAHN, KLAUS GEORGE	.....	Day
	16 McPherson Street, Philadelphia 19, Pa.	
MONTGOMERY, ANDREW THOMPSON	.....	63 Bn
	4447 Hawthorne Street, N. W., Washington 16, D. C.	
MONTGOMERY, DEWITT HALL, JR.	.....	2 L
	1617 S. Pasfield, Springfield, Ill.	
MOORE, WARREN, JR.	.....	106 M.A.
	Bon Air, Va.	

Name	Home Address	College Address
MORRELL, ROGER MERRITT	405 Vernon Road, Jenkintown, Pa.	4 M
MORRIS, ALBERT GREGORY	249 Woodbine Street, Brooklyn 21, N. Y.	6 F
MORRIS, JOSEPH PAUL, JR.	604 Georges Lane, Ardmore, Pa.	Day
MORRIS, ROBERT LEE	90 Oakwood Avenue, Long Branch, N. J.	71 Bn
MOSE, KENNETH MILES	2923 N. Charles Street, Baltimore 18, Md.	6 M
MURPHEY, ROBERT WILSON	Tunbridge Road and College Avenue, Haverford, Pa.	Day
MYERS, GERALD EUGENE	7 Charles Street, Meshanticut Park, R. I. Local Address: 2936 Rising Sun Road, Ardmore, Pa. % Mr. John Mercer Telephone: Ardmore 1438-W	Day
MYERS, RICHARD NORMAN	118 Coulter Avenue, Ardmore, Pa.	Day

N

NAMY, CLAUDE ALBERT	97 Brd. de la Resistance, Casablanca, Morocco	4 G.H.
NASH, HENRY THOMAS	116 Rockland Road, Merion, Pa.	Day
NEUHAUS, ROLAND CHARLES	66 W. Eagle Road, Havertown, Pa.	Day
NEWLIN, WILLIAM HARBOLD	6 Buck Lane, Haverford, Pa. % Mrs. A. G. Dean	Day
NEWMAN, PAUL FREEDMAN	7 Balfour Circle, Lansdowne, Pa.	64 Bn
NICKLIN, GEORGE LESLIE, JR.	Alden Park Manor, Philadelphia 44, Pa.	24 F
NOFER, GEORGE HANCOCK, 2ND.	632 W. Elkins Avenue, Philadelphia, Pa.	15 Bs

O

OBERHOLTZER, WENDELL WOODWARD	Mont Clare, Montgomery Co., Pa.	Day
OLIVIER, DANIEL DRETZKA	1303 John Street, Baltimore, Md.	G.H.
OLMSTED, PETER SCOTT	Moylan, Rose Valley, Pa.	29 Bc
OPPENHEIM, DANIEL PAYNE	3029 "O" Street, N. W., Washington 7, D. C.	31 Bc
OPPENHEIMER, MARTIN JULIUS	3506 Bancroft Road, Baltimore 15, Md.	31 Bc
OSWALD, DAVID STATTON	826 The Terrace, Hagerstown, Md.	27 L
OUELLETTE, ARMAND ROLAND	29 Elmhurst Avenue, Highland Park, Mich.	8 M

P

PACKARD, MERLIN WADSWORTH	Monmouth, Me.	66 Bn
PANCOAST, CHARLES EDWARD, III	Cushman Road, Rosemont, Pa.	Day

Name	Home Address	College Address
PARKE, ROBERT GERBER	The Riverside, Cambridge Springs, Pa.	15 L
PARKER, JOHN HUNTER	Columbia Pike, R. 2, Ellicott City, Md.	5-7 16
PARKES, ROBERT IRVING, JR.	87 Ivy Way, Port Washington, N. Y.	12-521
PARRAN, RICHARD BENTLEY	3734 Oliver Street, N. W., Washington 15, D. C.	17 M
PATTERSON, EDWARD BELL, JR.	34 Lenape Road, Colwick, Merchantville P. O., N. J.	6 Bs
PEASE, ALFRED MORGAN, JR.	207 Bloomfield Avenue, W. Hartford, Conn.	3 Bs
PEASE, WILLIAM	207 Bloomfield Avenue, W. Hartford, Conn.	10 M
PEIFER, WILLIAM SNARE	309 Santa Rita Apts., Atlantic City, N. J.	14 Bs
PENNYPACKER, EDWARD LANE	203 Kings Highway, West, Haddonfield, N. J.	Day
PETERS, DAVID ALEXANDER	45 N. 11th Street, Allentown, Pa.	23 L
PHILLIPS, DAVID EVAN	500 Lee Avenue, Webster Groves, Mo.	15 Bs
PIERSON, JOHN WILLIAM, JR.	1107 St. Paul Street, Baltimore, Md. Local Address: 1906 Sansom Street, Philadelphia 3, Pa.	Day
PIERSON, PHILIP MILROY	4452 Beacon Street, 2nd Apt., Chicago, Ill.	17 N*
PINCH, WILLIAM, JR.	Hawthorne Farm, Libertyville, Ill.	29 L
POST, ARNOLD RAE	9 College Lane, Haverford, Pa.	Day
POWER, RICHARD WILSON	25 Pine Street, Canton, N. Y.	28 L
PRICE, ROBERT NELSON	4918 Hillbrook Lane, Washington 16, D. C.	29 L
PRINS, GEERT CALEB ERNST	630 Fifth Avenue, Room 1002, New York 20, N. Y.	107 M.A.
PROSSER, ROBERT ARTHUR	2047 Green Street, Philadelphia 30, Pa.	18 Bs

R

RADBILL, HUGH RUSSELL	Moylan, Pa.	L.H.
RANKLIN, RICHARD ENTWISLE	715 E. 20th Street, Chester, Pa.	24 L
RAWNSLEY, HOWARD MELODY	416 Park Street, Ridley Park, Pa.	13 M
REEDER, RUDOLPH REX, JR.	2616 N. Lake Drive, Milwaukee 11, Wis.	8 Bs
REITZEL, NICOLAS MARTIN	512 Harvard Avenue, Swarthmore, Pa.	41 Bc
RENINGER, CHARLES WILLIAM	128 S. St. Cloud Street, Allentown, Pa.	6 M
REYNOLDS, EDWARD ALLAN	111 Spring Avenue, Chestertown, Md.	1 F
REYNOLDS, JAMES CONRAD	208 W. State Street, Kennett Square, Pa.	16 L
RHOADS, WILLIAM LESTER, III	206 Harding Avenue, Havertown, Pa.	Day
RHUE, FREDERICK FOLSOM	2547 N. Summit Avenue, Milwaukee, Wis.	Bc T.W.

Name	Home Address	College Address
RICHIE, DOUGLAS HOOTEN	8 N. Main Street, Brewster, N. Y.	11 F
RICHIE, ROBERT HOOTEN, JR.	"Round Top," West Chester, Pa.	21 Bs
RICKERMAN, HENRY GEORGE	731 Panmure Road, Haverford, Pa.	Day
RICKS, RICHARD ARNOLD, III.	1506 Westwood Avenue, Richmond, Va.	7 b F
RIDE, DALE BURDELL	840 22nd Street, Santa Monica, Calif.	10 Bs
RIDINGTON, THOMAS MACKAY	349 E. Main Street, Lansdale, Pa.	14 M
RITCHIE, GEORGE BLAKE	25 Gore Street, Wilkes-Barre, Pa.	2 Bs
ROBBINS, LEON CLEVELAND, JR.	Elmer, N. J.	4-746
ROBERTSON, ROBERT BRUCE ROCHE	1334 Terry Avenue, Seattle 1, Wash.	41 Bc
ROBERTSON, WALTER GORDON	Box 164, R. 1, Port Blakely, Wash.	5 M
ROBINSON, DERRICK PATRICK MOORE	62 Moreland Avenue, Trenton, N. J.	9 Bs
ROBINSON, RICHARD EDWARD	Earlham College, Richmond, Ind.	12-521
RODEWALD, WILLIAM YOUNG	508 Edgerton Place, Pittsburgh, Pa.	8 M
ROGOFF, RICHARD CAESER	25 Eastern Parkway, Brooklyn, N. Y.	6 L
ROSE, CHARLES OSCAR	Rose Manor, East State Street, Doylestown, Pa.	10 L
ROSENTHAL, DAVID RICHARD	609 Reservoir Street, Baltimore 17, Md.	20 L
ROWE, DAVID KNOX	5209 N. Sydenham Street, Philadelphia, Pa.	8 Bs
ROYER, RICHARD BRADLEY	310 Brentford Road, Haverford, Pa. Telephone: Ardmore 4466	Day
RUDISILL, RUFUS CLARE, III	352 Kenmore Avenue, Glenside, Pa.	4 M
RUFF, GEORGE ELSON, JR.	234 W. Johnson Street, Philadelphia 41, Pa.	36 L
RUSSELL, ROBERT MASTERS	Oakwood, Wenonah, N. J. Local Address: 605 Railroad Avenue, Haverford, Pa.	Day % Mr. Frank Ulford

S

ST. CLAIR, ALBERT THURSTON, JR.	2301 W. 11th Street, Wilmington, Del.	13 F
SANGREE, CARL MICHAEL, JR.	% Drake, 702 Pennstone Road, Bryn Mawr, Pa.	7-746
SANGREE, CHARLES SPAHR	103 Madison Street, Wellsville, N. Y.	26 L
SATTERTHWAIT, ARNOLD CHASE	35 N. 6th Street, Reading, Pa. Local Address: 757 College Avenue, Haverford, Pa.	Day % Mrs. W. H. Collins
SCHLEGEL, RICHARD ARTHUR	434 Sunset Road, West Reading, Pa.	2 L
SCHMIDT, CARL FREDERIC, JR.	517 Old Gulph Road, Penn Valley, Narberth, Pa.	Day
SCHMIDT, HARRY HADDON, JR.	1229 Wyngate Road, Wynnewood, Pa.	Day

Name	Home Address	College Address
SCHNAARS, JAMES ALBERT	Bettws-Y-Coed, Apt. 7, Bryn Mawr, Pa.	Day
SCHNEIDER, STEWART PORTERFIELD	14 Hathaway Lane, Verona, N. J.	14 M
SCHUMAN, RICHARD WALDRON	2210 Forrest Glen Road, Pittsburgh 17, Pa.	31 L
SCHWARTZ, WILLIAM	2921 E. Newport Avenue, Milwaukee 11, Wis.	33 L
SCOTT, GEORGE HUBERT	Church of the Redeemer, Bryn Mawr, Pa.	Day
SEDER, EUGENE ISAAC	5260 Center Avenue, Pittsburgh 6, Pa. Local Address: 605 Railroad Avenue, Haverford, Pa. % Mr. Frank Ufford	Day
SEGAL, ARTHUR GILBERT	7801 Bayard Road, Philadelphia, Pa.	Day
SEGAL, MARVIN	729 Snyder Avenue, Philadelphia 48, Pa.	Day
SEIFERT, AUREL MARTIN	162 Kimball Terrace, Yonkers, N. Y.	11 M
SELINGER, MAURICE ARTHUR, JR.	1868 Columbia Road, Washington, D. C.	Bc T.W.
SELLERS, ALEXANDER DEACON	6600 McCallum Street, Philadelphia, Pa.	8 F
SENER, JOSEPH WARD, JR.	108 W. University Parkway, Baltimore, Md.	8 Bs
SHAKESPEARE, EDWARD ORAM	482 Sabine Avenue, Wynnewood, Pa.	Day
SHEARER, CHARLES ROBERT	7528 Rogers Ave., Highland Park, Del. Co., Pa.	Day
SHEPARD, ROYAL FRANCIS, JR.	128 N. Mountain Avenue, Montclair, N. J.	16 L
SHEPPARD, CHARLES RICHARD	120 W. Cypress Street, Kennett Square, Pa.	8-746
SHIELDS, CHARLES AGARD	Agard Farm, Torrington, Conn.	12 Bs
SHIEN, GI-MING	Chungking, China Local Address: Pendle Hill, Wallingford, Pa.	Day
SHOFFSTALL, DONALD HUGH	76 Chestnut Street, Maplewood, N. J.	18 L
SINGER, ELLIS PAUL	139 Tuscan Road, Maplewood, N. J.	38 L
SMILEY, FRANCIS GEROW, JR.	Lake Mohonk, N. Y.	108 M.A.
SMITH, ALLEN JOHN	141 E. Market Street, York, Pa.	8 M
SMITH, DRAYTON MELLOR	Germantown Manor 804, Hortter and Greene Streets, Philadelphia, Pa.	7a F
SMITH, MERLE BURLEIGH	Box 74, Bolton Landing, N. Y.	4 L
SMITH, PAUL REYNOLDS	509 Brookview Lane, Havertown, Pa.	Day
SMITH, ROBERT WADSWORTH	49 Prospect Hill Avenue, Summit, N. J.	14 Bs
SMYTH, FRANCIS SCOTT, JR.	916 Jackling Drive, Burlingame, Calif.	30 Bc
SNADER, EDWARD ROLAND, III	547 Sussex Road, Wynnewood, Pa.	55 Bn
SNIFFEN, ALLAN MEAD	25 S. Madison Avenue, Spring Valley, N. Y.	7 Bs

Name	Home Address	College Address
SNIPES, EDGAR THOMAS	Lincoln Highway, Morrisville, Pa.	24 Bs
SPARKS, DONALD IRVING	1216 Garfield Avenue, Havertown, Pa.	Day
SPATZ, RICHARD EDWIN	West View, Pittsburgh 2, Pa.	3 L
SPROULE, JOSEPH	College Avenue and Darby Road, Haverford, Pa.	68 Bn
STACKHOUSE, ROBERT CLINTON	57 N. Main Street, Medford, N. J.	25 Bc
STANMYER, JOSEPH LEROY, JR.	702 E. Willow Grove Avenue, Philadelphia, Pa.	16 M
STARKWEATHER, HOWARD WARNER, JR.	815 Augusta Road, Wilmington 67, Del.	35 L
STEERE, PAUL WINSOR	409 E. Ridge Street, Marquette, Mich.	L.H.
STERN, HARRIS IRVING	1213 Stratford Avenue, Melrose Park, Philadelphia 26, Pa.	16 M
STETTENHEIM, PETER RICH	901 Lexington Avenue, New York 21, N. Y.	16 Bs
STEVENS, THOMAS MCCONNELL	405 State Road, Bala-Cynwyd, Pa.	Day
STEWART, DAVID WILLIAM, II	117 St. Paul's Road, Ardmore, Pa.	Day
STONE, JOHN ALEXANDER	349 W. 85th Street, New York, N. Y. Local Address: 773 College Avenue, Haverford, Pa. % Dr. Frank Watson	Day
STOTT, PAUL RICHARD	905 S. Main Street, Newark, N. Y.	39 Bc
STREETER, EDWARD, JR.	447 E. 57th Street, New York City, N. Y.	20 Bs
STROHL, HAROLD FREDERICK	24 E. Clearfield Road, Havertown, Pa.	Day
STUART, SPENCER RAYMOND	10943 Longwood Drive, Chicago 43, Ill.	7 L
SUTOR, JAMES FREDERICK	6710 Anderson Street, Philadelphia, Pa.	Day
SUYDAM, WILLIAM EDWARD	Pennokla Farm, Malvern, Pa.	Day
SWARTLEY, RAY MOYER	Woodland Drive, Lansdale, Pa.	36 Bc
SWARTLEY, WILLIAM MOYER	Woodland Drive, Lansdale, Pa.	36 L
T		
TAGGART, GEORGE WEBSTER	1245 E. Broad Street, Hazleton, Pa.	19 L
TANAKA, AUGUSTUS MASASHI	591 S. E. Second Street, Ontario, Ore.	104 M.A.
TATNALL, RUNCIE LEA, JR.	26 Hilltop Road, Philadelphia 18, Pa.	Day
TAYLOR, RICHARD CLARK	713 Cameron Street, Alexandria, Va.	12 M
TEST, EDWARD WEBSTER	Whitemarsh Road, Philadelphia 18, Pa.	17 F
THAWLEY, STANLEY BREVOORT	245 N. Somerset Avenue, Crisfield, Md.	28 L
THOMAS, JOHN PACA	212 W. Highland Avenue, Chestnut Hill, Pa.	Day
THOMAS, SERGEI CLEAVER	149 Lincoln Avenue, Newark 4, N. J.	29 Bc

Name	Home Address	College Address
THORPE, JAMES HANCOCK	2822-211th Street, Bayside, N. Y.	38 L
TILLEY, DAVID CAMPBELL	7 Plaza Street, Brooklyn 17, N. Y.	15 Bs
TODD, THOMAS ABBOT	Serpentine Lane, Wyncote, Pa.	4 F
TODD, WILLIAM EWELL, JR.	3609 Warren Road, Cleveland, Ohio	22 Bs
TOLAN, DAVID JOHN	2951 N. Marietta Avenue, Milwaukee 11, Wis.	62 Bn
TRAVERS, JOHN EDWIN	715 Delaware Avenue, Buffalo 9, N. Y.	3-746
TURNER, CONRAD WILLIAM	307 Hamilton Road, Wynnwood, Pa.	L.H.
TUTTLE, EDWIN ELLSWORTH	76 Hillcrest Avenue, Summit, N. J.	34 I
TYCHANICH, JOHN DIMITRI	53 Balmforth Avenue, Danbury, Conn.	12 L

V

VAIL, PHILIP CRESSON	502 W. Front Street, Media, Pa.	30 F
VALENTINE, RICHARD SILSBEE	130 N. Allegheny Avenue, Bellefonte, Pa. Local Address: 111 Mon Dela Avenue, Bryn Mawr, Pa. % Mrs. Herman C. Giersch	Day
VAN ARKEL, BERNARD	960 Glenbrook Road, Bryn Mawr, Pa.	Day
VAN HOLLEN, CHRISTOPHER	Bellona Avenue and Cedarcroft Road, Baltimore, Md.	8 L
VELTE, ROBERT HULLEY	226 Huntley Road, Upper Darby, Pa.	42 Bc
VINSINGER, HENRY EDWIN, JR.	78 W. Park Place, Newark, Delaware Local Address: 773 College Avenue, Haverford, Pa. % Dr. Frank Watson	Day
VITELLO, JOHN ARTHUR	761 W. Main Street, Rochester 11, N. Y.	14 Bs
VOGEL, WILLIAM WHITTEN	218 Avon Road, Narberth, Pa.	Day

W

WAGNER, DANIEL HOBSON	10 Conestoga Road, Berwyn, Pa.	39 Bc
WALKER, IAN GORDON	Frog Hollow Road, Rydal, Pa.	51 Bn
WALKER, RICHARD ALAN	Newton, R. D. 2, Bucks County, Pa.	21 Bc
WALNUT, FRANCIS KANE	1 Lehman Lane, Philadelphia, Pa.	16 F
WARNER, WILLIAM HAMER	1344 Denniston Street, Pittsburgh 17, Pa.	16 Bs
WARNKEN, HENRY FREDERICK	81 Chestnut Street, Oneonta, N. Y.	7 b F
WATKINS, RICHARD WALKER	1120 N. Highland Avenue, Pittsburgh, Pa.	105 M.A.
WHEELER, EDWARD STUBBS	Greencastle, R. D. 3, Pa.	34 L
WHITALL, RICHARD	211 E. 49th Street, New York City 17, N. Y.	Bc T.W.
WHITALL, WALTER BRINTON	5363 Magnolia Avenue, Philadelphia 44, Pa.	59 Bn

Name	Home Address	College Address
WHITBY, WILLIAM MELCHER	127 E. Upsal Street, Philadelphia 19, Pa.	Day
WHITCOMB, HAROLD CLARK, JR.	337 N. 25th Street, Camp Hill, Pa.	22 L
WHITE, ROBERT BLACKSTONE	655 Fern Street, Yeadon, Pa.	Day
WHITE, ROBERT PHILLIPS	464 Turner Avenue, Drexel Hill, Pa.	Day
WHITMAN, JOHN TURNER	Nashawtic Hill, Concord, Mass.	20 L
WICKHAM, ROBERT SAUNDERSON, II	Devon, Pa.	Day
WIDMER, ROBERT JAMES	% R. S. Strawbridge, Box 66, Bryn Mawr, Pa.	Day
WIGFIELD, HARVEY	170 Dickson Avenue, Patterson, N. J.	18 L
WIGHTMAN, ARTHUR HARVEY	1025 Grand Avenue, Keokuk, Iowa	7 Bs
WILCOX, JOHN ROGERS	127 South West Street, Allentown, Pa.	16 L
WILLIAMS, ROBERT DELAND	710 Pennstone Road, Bryn Mawr, Pa.	Day
WILSON, DAVID RYDER	Shilmark, Mass.	110-112 M.A.
WILSON, ERNEST STATON, JR.	Walnut Lane and Ridge Road, Wilmington 278, Del.	59 Bn
WINDER, DAVID ALLEN	7200 Hazel Avenue, Upper Darby, Pa.	30 F
WINGARD, ROBERT AITKEN	Edgar Avenue and Riddle Road, Chambersburg, Pa.	32 L
WIRES, JOHN STANLEY	45 Windsor Road, Wellesley Hills, Mass.	10-521
WOOD, HARRY DUNSETH	1321 E. 56th Street, Chicago 37, Ill.	25 L
WOOD, HORATIO C., 4TH	Box 248, Arden Road, Radnor, Pa.	16 Bs
WOOD, JAMES	"Braewold," Mt. Kisco, N. Y.	59 Bn
WORMAN, WILLIAM GEORGE	1033 Rawson Place, Fremont, Ohio Local Address: 605 Railroad Avenue, Haverford, Pa.	Day
WRIGHT, DANIEL RANNEY	3310 W. 131st Street, Cleveland 11, Ohio	101 M.A.
WRIGHT, JAMES BOYER	7008 Wayne Avenue, Upper Darby, Pa.	38 Bc
WRIGHT, THEODORE CRAIG	107 Lee Avenue, Trenton, N. J.	22 F
Y		
YOUNG, CALVIN LESSEY	3743 Nortonia Road, Baltimore, Md.	5 L
YOUNG, LLEWELLYN POWERS	Southern Pines, N. C.	9 L
Z		
ZIMMERMAN, THOMAS CARSKADON	719 Winsons Way, Baltimore, Md.	32 L
ZWEIFLER, NATHAN JOSEPH	46 Wilbur Avenue, Newark 8, N. J.	22 L

Press of



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Philadelphia, Pa.
U. S. A.

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HAVERFORD COLLEGE BULLETIN



REPORTS OF
ACTING PRESIDENT
AND
PRESIDENT
1945-1946

VOLUME XLV

NUMBER TWO

November 1946

ISSUED OCTOBER 1944
NOVEMBER 1944
DECEMBER 1944
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REPORT OF THE ACTING PRESIDENT
AND THE PRESIDENT

*Presented at the
Annual Meeting of the Corporation
of Haverford College
October 15, 1946*

THE College year 1945-46 was a year of transition. As the first post-war year, it saw the end of war-time acceleration and the end of a sparse and unbalanced enrollment. The student body expanded rapidly to reach this autumn its largest size in the history of Haverford. New and heavy demands were placed upon the faculty and upon the physical plant. Plans were laid for far-reaching improvement in the basic college curriculum.

During all but the past forty-five days of that difficult period the College administration was in the hands of Archibald MacIntosh as Acting President. To him, your new president expresses warm appreciation for the balanced and judicious guidance which he has given Haverford affairs. His quiet service in the interest of the College has held the Faculty together, and has maintained the high standards of admissions and of academic performance which have marked Haverford over the years.

With him, your president regards the present state of the College as suited to offering its students a sound liberal arts training. We feel that the College is solving wisely the problem most urgently confronting American educators today. That is the problem of how best to help the immense number of students who are asking for a college education and who cannot be cared for in the normal college and university facilities. To meet that demand, emergency facilities are being created throughout the United States. In many places this means barracks as dormitories, temporary campuses lacking in library and laboratory facilities, inexperienced instructors, and classes numbered in the hundreds. At Haverford we have admitted and made space for the largest student body ever handled in the College. All students who had been absent in humanitarian or military service have been re-

admitted. At the same time we have refused to allow any important deterioration in teaching methods or in the social and spiritual life of the College. Classes continue to be small. Experienced and competent men serve as instructors. Although the dormitories are crowded, there is a healthy, vigorous student life. This solution, in which solid teaching can be afforded to a modestly increased number of men, is, we believe, more in the public interest than offering superficial and disorganized instruction to a greatly increased number. It is a costly solution but abundantly warranted.

At a later date we shall report upon other policies which we feel to be essential to the full, fruitful service of the College. This report is concerned with the progress during the past year, and while it comes from us jointly, it is primarily a record of the administration of Acting President MacIntosh.

STUDENT ENROLLMENT

The increase in the size of the student body, predicted last October, began to take place in January when 108 men were admitted. From the middle of the year on, the Admissions Office was deluged with applications. There was no relief from this situation until College opened on September 18th with a student body of 492 as compared with 172 at the same time last year.

The application list for 1947 has already assumed formidable proportions. There have been many inquiries as to the possibility of February admissions. Though a number of men now in College will finish at that time, their places will be filled by former students whose discharges will come through in the fall, and to whom we are committed. The present enrollment makes the admission of anything resembling a new class impossible even if, from the point of view of policy, we thought it advisable.

A comparison of our present enrollment figures with 1944 and 1945 is:

Fall Semester 1944	.....	125	
Fall Semester 1945	.....	172	} 280
Admitted at Mid-Year 1946	.....	108	
Fall Semester 1946	.....	492	

The student body this year represents 27 states, as compared with 21 a year ago. In addition, the following are represented: Belgium, Canada, China, Costa Rica, England, France, Jamaica, Mexico, Morocco and Norway.

Undergraduates who are members of the Society of Friends number 70, or 14.3 per cent of the total.

There follows a comparative table of registration by departments, the sharp increase in English, Philosophy and Sociology being worthy of note.

Department	Registrations						
	1946	1945	1944	1943	1942	1941	1940
Art	6	0	0	1	3	14	19
Astronomy	12	1	0	1	15	22	43
Biblical Literature	33	1	12	3	12	18	27
Biology	93	61	32	46	66	81	92
Chemistry	193	79	54	78	228	224	180
Economics	115	30	22	27	124	147	155
Engineering	43	17	15	25	95	74	62
English	323	151	101	77	195	224	187
French	107	43	26	25	36	64	93
German	140	56	59	52	117	100	111
Government	148	31	36	34	94	100	121
Greek	30	2	7	6	24	18	12
History	208	94	60	45	98	143	156
Italian	5	0	0	0	4	1	8
Latin	12	8	4	5	30	24	29
Mathematics	198	68	50	59	162	158	121
Music	25	7	14	5	31	18	23
Philosophy	181	56	37	35	86	99	95
Psychology	97	27					
Physics	73	34	35	58	120	77	83
Russian	8	0	0	0	0	0	0
Sociology	153	42	14	28	43	72	82
Spanish	84	22	20	21	65	48	12
Humanistics	4	6					

Haverford Students at Bryn Mawr

Art	6
English	6
Math	1
Psychology	2
History	1

Degrees, June 8, 1946

B. A.	19
B. S.	4
M. A.	8
Hon. Degrees	2

FINANCIAL OUTLOOK

In October, 1945, the prospects of an increased enrollment gave some promise of brightening what had seemed to be a gloomy picture as we con-

sidered the budget. Even so, it looked as if we might be faced with a deficit of approximately \$75,000.

The Treasurer's Report for the year shows that we came closer to escaping a deficit than anyone would have had the temerity to predict. The Treasurer, the Finance Committee, and the Comptroller are all to be congratulated upon this welcome outcome.

Among the factors which account for this excellent showing is the Alumni Fund. Once more the Alumni contributed generously to the college, and though the total amount was less than in the preceding year, the addition of 360 new names to the list, making a total of over a thousand contributors, is worthy of special note. The Alumni should know that their help is deeply appreciated and has been of immense value at a critical period for the College.

The financial prospect for the year just begun is brighter than was the outlook in either the fall of 1944 or 1945. One word of warning is important at this time. It is erroneous to assume that a student body of maximum size is *pe se* a guarantee of relief from budgetary worries. Increased costs of instruction, and additional equipment, can easily and usually do offset what might at first glance be considered surplus. So long as our endowment remains unchanged, every additional student reduces the funds per student available for instruction.

THE PLANT

Constant operation during the war prevented as much work on the plant in the way of replacements and repairs as would have been desirable and in accord with what should be normal practice. The Barclay fire introduced a complication which was far from welcome.

Despite our being understaffed in the Maintenance Department, a lot was accomplished toward bringing the plant back into good condition. New boilers and a shift to oil in the power house was one important undertaking. Exterior painting on a number of the buildings was completed. College Lane and the road east of Sharpless Hall were top-dressed; gutters on Lloyd, the Union, and Roberts were rebuilt.

We were fortunate in Mr. Lamb's being able to complete the restoration work on Barclay soon after the opening of College. The new quarters on the fourth floor are spacious and attractive, and what is more important, the previous narrow stairways have been eliminated. The rebuilding program included the re-wiring of Barclay, an operation which was long overdue. Work is well under way on the Observatory, and we hope that it will be possible to put that building back into first-class shape soon. The formulation and ratification of a policy for the maintenance of faculty houses represents

a major advance. A program of extraordinary repairs is under way and with the appointment of a new Superintendent this should eventually mean much in the preservation of our plant and in the efficiency of our operation.

THE FACULTY AND ADMINISTRATION

With the appointment of a new President, it has been possible to work out a distribution of the administrative load in a manner which gives some guarantee of satisfactory operation. General administration, admissions, the Deanship and the Office of Comptroller are all adequately manned, a most fortunate circumstance at a time when the enrollment is at its maximum.

Dr. Frank W. Fetter, Chairman of the Economics Department, has returned from a leave of absence in Washington. Dr. A. J. Williamson in the French Department has returned from the Navy.

The appointments for the new year include Dr. Bjarne Braatoy, and Mr. E. Grant Meade in Government; Dr. Daniel Coogan in German; Dr. Ira Reid in Sociology on a part-time appointment; Evan Davis as a part-time instructor in German; Michael Cooper as a part-time instructor in Russian; and Dr. P. C. Duisberg in Chemistry, as a substitute for Dr. T. O. Jones, whose health will not permit him to return to the Faculty this year. Dr. J. Duncan Spaeth is again with us as visiting professor in English. Dr. Wilbur Ufford is beginning his work in the Department of Engineering.

Mr. Seaton Schroeder has been appointed Superintendent of Buildings and Grounds.

THE COLLEGE PROGRAM

Soon after the presentation of last year's report, a new Postwar Planning Committee was appointed with Dr. Oakley as chairman. We felt that this committee should consider a number of the matters suggested by the previous committee, and, at the same time, develop its own program.

Dr. Oakley's committee embarked on an intensive study of the College program, calling upon the Faculty singly and in groups for advice, suggestions and criticism. The broad outlines of a plan were drawn, and acted on favorably by the Faculty in the spring.

There remain many details to be discussed; certain areas of the Colleges' operation yet remain to be considered and this committee has again resumed work with the purpose of filling out the rough sketch already drawn, and above all of considering how the new plan shall be put into practice.

It has seemed appropriate to change the name of the committee from that of Postwar Planning to the Committee on the College Program. The plan itself is of such a nature that rather than try to present an outline of it here, we prefer to wait until it can be put into a report which will do it full justice.

CONCLUSION

During the war years everybody looked ahead to the time when the College would again be full and functioning in a normal manner. The College is full now, and one cannot walk about the campus without realizing that activity and accomplishment are in the air. The period through which we have just passed has brought about changes, many of them beneficial.

As we move through this period of transition, one cannot feel anything but stimulated and hopeful at the way that the students, the faculty and the administration are attacking their problems. The College is at the point of realizing some of its hitherto undeveloped potentialities. It is not getting back to what it was before the war, but rather going forward to something better and something more significant. The measure of the College's opportunity will, we hope, be some measure of its accomplishment.

ARCHIBALD MACINTOSH
GILBERT F. WHITE



REPORT OF THE LIBRARIAN FOR 1945-46

During the first semester the Library continued to operate under most of its wartime restrictions, but in the second semester the steady increase in student enrollment and the return of various members of the faculty brought a considerable renewal of activity in all departments. This put a heavy strain on our reduced staff. Because of the national shortage of trained librarians, this strain will be difficult to relieve for some time to come.

It is important that everyone in the College should understand the nature of the work done by the Library Staff. This work falls into two distinct divisions:

(1) MAINTENANCE, i. e. the orderly control of our *complete collection* of books, both on and off the shelves. Every one of our 180,000 or more books* has a place where it belongs. Our readers select the books they want and remove them from their places, scattering them over the building or taking them out for home use. Professors assemble and re-assemble them in special groups for classes. Amid all this flux and turmoil, the librarians of the Circulation Department keep track of the wanderers as well as the volumes on the shelves, and can tell you exactly where any book is at any time. They also instruct and supervise the many student assistants, who, under the present system of enforced labor for scholarship holders, are an

*This figure includes about 12,000 Government Documents on deposit.

unwieldy and relatively inefficient crew. Year by year our book collections grow larger, and the task of maintenance becomes correspondingly greater and more complex. It is now physically impossible for one librarian to handle the Circulation Department. Next year we shall have to have two; and unless some method is devised for reducing the size of our Library, the time will come when three will be needed—and so on.

(2) GROWTH. Each year we add a certain number of books to our collections: those received by gift almost equal the number acquired by purchase. The steps in the handling and processing of the annual increment are as follows:

(a) The entire Faculty is constantly engaged in the selection of titles to be purchased from the annual income of our endowed funds; and, to a lesser degree, in sifting donations, retaining what is of primary value and reserving the rest for exchange or for re-donation. Thus the entire Faculty is actively associated with the Library Staff—a fruitful and useful relationship.

(b) The Department of Accessions and Accounting takes the titles recommended by the professors, checks them, orders them from the proper publisher or dealer at home or abroad, enters the charges in the various accounts in which they belong (there are over a hundred accounts which must be kept balanced, so that any professor can be told at any time how much has been spent, how much is outstanding, and how much remains in *any* category), receives the new books when they arrive, enters them serially in our accession list, stamps them, plates them, and cuts the pages (if they need it). At the end of each month the bills are checked and allocated to the various funds and transmitted to the Comptroller for payment.

(c) The books are now ready to be incorporated in our collection. I have said that every one of our 180,000 books has its place. About 3,000 more must be assigned to their places each year. That is the job of the Cataloguing Department, and it is a job which calls for scholarly training. To do it *perfectly*, a Faculty would be required; in fact, our Faculty does frequently help with the difficult linguistic and scientific problems. Each book must be *classified*, i. e. it must be put exactly where it belongs in the Library of Congress scheme of classification (so complicated is modern knowledge that the published key to this classification is a three-foot shelf of books). Thus the book is assigned to its particular place or niche on our five or six miles of shelving. But before the books go to the shelves, they must be tagged and finger-printed (so to speak) and their records must be filed. Several sets of printed catalog-cards for each book must be ordered from the Library of Congress; and

when the Library of Congress cannot supply them (which is the case with almost half of our *scholarly* books), we must make our own cards. These sets are checked and prepared for author-entry, title-entry, and subject-entries in our Card Catalog; and must then be filed with the utmost care (for a card out of place is as useless as a lost book—or *more* so, for when a book is lost, the card tells you!). Cards must also be set aside for the Philadelphia Union Catalog. Then the book itself must be prepared for shelving. For some, this means that they must be bound—and so important is the annual assembling and checking of *periodicals* for the bindery that this work constitutes a “department” of the Library. Finally, every bound volume, before it goes to the shelf, must have its call-number neatly lettered on its spine and the letters must be protected with shellac.

(d) Other Departments, which in a larger library would require the full time of one or more librarians, are the Government Document Department, which classifies and shelves vast numbers of uncatalogued pamphlets, and the Inter-Library Loan Department, which does an ever-increasing and time-consuming “mail-order” business.

Of the special problems of the Rare Book Department I have said nothing: they are adequately set forth in the separate Report of the Curator of the Quakeriana Collection.

So long as we add approximately 3,000 volumes per year to our collection, the duties of the Accessions and Cataloguing Departments will remain static, except insofar as they feel the effect of a steady increase in complexity.

But cooperation of the sort that is contemplated between the Libraries of Bryn Mawr, Swarthmore, and Haverford will immediately increase our routine tasks to the extent of requiring an additional trained librarian on our Staff. In the Circulation Department additional help will be needed to keep track of Bryn Mawr and Swarthmore books at Haverford and Haverford books at Bryn Mawr and Swarthmore. But even more time-consuming will be the need of getting books from our shelves for *absent* readers. The Haverford Library operates on the open-shelf or “cafeteria” principle: the readers help themselves. But if the readers are in absentia someone must fetch their books and write their charge-slips for them. Similarly, the work of the Cataloguing Department will be slowed up and complicated by the doubling of the Card Catalog in size—a dubious blessing for readers and librarians alike, and involving a considerable expense not only for installation but for maintenance as well. Cooperation between the three libraries may be a great help to scholarship, but its cost, direct and indirect, will be heavy.

Discussion of cooperation, which was furthered during the year by the excellent “Findings of the Committee [of Survey]” and by the joint meeting

of the three Library Committees, has so far dealt only with theory. Practical problems of cost must now be squarely faced.

GROWTH OF COLLECTIONS

The total number of recorded volumes in the Library at the end of August, 1946, was 169,184. During the past year, 2,764 volumes were added; 1,365 by purchase, 1,190 by gift or exchange, and 209 sent by the United States Government for our Government Depository Collection. In addition, a far greater number of publications (both books and pamphlets), which were received from the Government, were filed without being catalogued. 84 books were discarded.

GIFTS

The number of books actually donated to the Library was far in excess of those "added to the Library by gift"—for many of them had to be placed in our Duplicate Collection. The following donations deserve special mention:

From Horace R. Hayday, 288 books on the European War, 1914-18.

From Craig Snader, 235 books on Economics.

From the Estate of J. Howard Redfield, 197 books on Linguistics.

From Frances B. G. Branson, 162 books, about half of them Quaker.

From John L. Scull, 115 books of general literature.

From William W. Comfort, 229 pamphlets on Romance Languages.

From Mrs. C. K. Jones, 65 books, mostly Spanish.

From Margaret H. Johnson, 51 volumes of early American publications.

From Lyle Settle, 46 books, mostly on Music.

From Henry Freund, 39 textbooks.

From A. S. FitzGerald, 39 "books of the month."

From Frederick V. Hetzel, 28 books of general literature.

From Florence Beddall, 17 volumes of Lytton's works.

From Roberto Payró, 12 books, mostly on South America.

From Rufus M. Jones, 14 books, some of which were his own writings and others were for his Collection on Mysticism.

From Sumner B. Coggeshall, 10 books.

From Ellen Winsor, a set of the Freeman (8 volumes).

From Mrs. Henry S. Drinker, 10 books.

From William Reitzel, 12 books.

CIRCULATION

The total circulation of Library books was 16,633. Of this number 2,425 were loaned to the Faculty, 10,387 to students, and 3,821 to borrowers not connected with the College. With the increased enrollment of the second semester, the student circulation increased sharply, showing a 73 percent rise over that of the past year. The 1,200 books reserved by students in carrels during the year are also an indication of the greater use the students are making of the Library.

INTER-LIBRARY LOANS

During the past year 308 volumes were sent to other libraries and 115 borrowed by us. The latter figure is much smaller than it would be, if we counted the number of books borrowed by professors and students from libraries in the vicinity.

COOPERATION WITH OTHER LIBRARIES

Over 2,500 cards were sent to the Union Library Catalog in Philadelphia, listing new entries in our Catalog. New periodical and serial entries were sent to the H. W. Wilson Co. for inclusion in forthcoming Serial Catalogs. A donation of duplicate magazines was made to the Friends Service Committee; and books were donated, along with those contributed by the Faculty, to the University of Caen.

DEAN P. LOCKWOOD,
Librarian.



REPORT OF THE CURATOR OF THE QUAKER COLLECTION for 1945-46

The most important thing to record concerning the Quaker Collection in 1945-46 is that it was used and visited more than ever before. Particularly notable was the increase in the number of students coming into the Treasure Room for Quaker Books, a direct result of the increased interest in the Society of Friends aroused by Howard H. Brinton's course in the history and philosophy of Quakerism, and of the encouragement which the English Department gave to freshmen who wished to write essays on Quaker subjects. Advanced scholars in Quaker history and Quaker thought also visited the Library to the number of thirteen, coming from as far away as California

and Massachusetts. Commencement this year was a veritable field day for the Treasure Room, so large was the number of alumni and friends who dropped in. The assignment of scholarship students to keep the Treasure Room open on Saturday and Sunday afternoons has been a great help in our service to visitors as well as students.

In the field of Quaker books we have added 420 volumes to our shelves, of which 252 were gifts, and 168 were purchased. The largest gifts of books came from Hannah G. Dewees and Frances B. G. Branson. We felt impelled to transfer one volume from Mrs. Branson's gift to the Treasure Room at Westtown, namely, a copy of *A Plan for a School* (Philadelphia, 1790), the first printed proposal for a Friends boarding school in Pennsylvania, annotated by Owen Biddle, author of the pamphlet and one of the founders of Westtown School. Among the purchases were two groups of interesting material, a number of pamphlets published by French Friends during the war, unobtainable until peace came, and photostatic copies of several early Quaker items of great rarity in the Massachusetts Historical Society, including pamphlets by Daniel Leeds, Francis Daniel Pastorius, Thomas Budd, and Jonathan Dickenson. These were purchased in accordance with our policy of trying to obtain photostatic or microfilm copies of rare Quaker material, of which the acquisition of originals, except by gift, would be impossible.

The importance of microfilm as an aid to libraries and scholarship was emphasized by an exhibition of Haverford's collection of books and manuscripts in microfilm, set up to celebrate the delivery of the long-awaited Recordak Library Film Reader, which arrived as a day-before-Christmas present. This machine, for the purchase of which funds were left by the late Arthur H. Thomas in 1941, now makes possible the easy use of material in microfilm by professors, visiting scholars, and students. It is a most important addition to Haverford's facilities for research.

Quaker manuscripts, pictures, and maps to the number of 268 have been added to the collection this year, largely by loan or gift. These include the record books and papers, here on loan, of the Female Society of Philadelphia for the Relief and Employment of the Poor, a Quaker group which is the oldest philanthropic organization in Philadelphia. A very extensive collection of papers relating to the business activities of the Cope family, Philadelphia Quaker ship-owners of the early nineteenth century, has also been placed in the care of the Quaker Collection, pending their sorting and analysis. Among the gifts were papers of President Isaac Sharpless, from his daughter, Helen Sharpless; an album of portraits of American Friends, from Horace Mather Lippincott; an interesting collection of Whittier letters and family papers from Mrs. Egbert S. Cary, Sr.; and the typewritten biography and addresses

of Allen David Hole (1866-1940), edited by his son, Francis D. Hole. Charles Francis Jenkins contributed a document on the Virginia Exiles to Haverford's collection on the subject.

Additions to the Charles Roberts Autograph Collection, numbering 147, reflected the spirit of the times, for eighty-six of these were autographs of Army generals in the Pentagon Building at Washington, collected by Major-General Charles P. Gross, who is the father of two Haverfordians, and transmitted to the College by Professor Frank W. Fetter. Unique in interest were two very different documents, an autograph letter of Edmund Halley, discoverer of the comet, written on St. Helena in 1677, the gift of Christopher Morley; and the typewritten manuscript of Albert Jay Nock's *The Memoirs of a Superfluous Man* (1943), the gift of Ellen Winsor and Rebecca Evans. Professor L. A. Post gave the College an interesting group of letters from Takeo Arishima (1878-1923), a Japanese liberal who took his Master's degree here in 1904.

For the meetings of the Haverford Library Associates, held in the Treasure Room, one on biography and one on Quaker fiction, there were special exhibitions of manuscripts and books of great variety in these two fields. We also played host to school, Boy Scout, and professional library groups during the course of the year.

Cooperation with the Friends Historical Library at Swarthmore has grown to the point where two joint staff meetings were held, one at Haverford and one at Swarthmore. We have also exchanged duplicate books with Swarthmore, as we are doing with the Friends Library in London. From our Quaker duplicates we were also able to supply sixty-two volumes to the Sophia Smith Collection on women's work and writings at the Smith College Library.

The ending of the war brought the opportunity to finish some of our war-time projects—we added 200 items to our collection of Civilian Public Service Camp papers—and to rebuild our connections with Europe.

C. Marshall Taylor, one of the Honorary Curators of Friends Historical Library at Swarthmore, generously offered to procure English Quaker material for Haverford as well as for Swarthmore on a recent journey to England. This is a happy augury of increasingly close cooperation on the part of Friends here and abroad who are concerned with the gathering, preserving and use of books relating to the Society of Friends.

THOMAS E. DRAKE,
Curator.



REPORT OF THE MORRIS INFIRMARY

The report of house patients is as follows:

	1945-1946	1944-1945
Patients admitted	63	25
Total time (days)	419	124
Diseases are classified as follows:		
Grippe and respiratory		41
Intestinal		6
Joint conditions		3
Miscellaneous		13

Total number of visits of dispensary patients:

	1945-1946	1944-1945
Medical	1,340	1,490
Surgical	748	723
	2,088	2,213

Conditions are classified as follows:

Upper respiratory	383
Fractures	1
Sutures	5
General	499



PUBLICATIONS AND ACTIVITIES OF THE FACULTY

1945-46

ALLEENDOERFER, CARL B.

"Slope in Solid Analytic Geometry". *American Mathematical Monthly*, 53:241-7.
No. 5, May 1946.

Twenty-four short reviews of mathematical articles in *Mathematical Reviews*, Vols.
6 and 7.

Associate Editor: *American Mathematical Monthly*.

Member of Board of Directors: Main Line Cooperative Association.

Member of Rhodes Scholarship Selection Committee for Pennsylvania.

Toastmaster: Annual Dinner, American Mathematics Society, Ithaca, N. Y.,
Aug. 22, 1946.

ASENSIO, MANUEL J.

Lecture: "The Roots of the Spanish Civil War", Amherst, Mass.

BENHAM, THOMAS A.

"Research Aids for the Blind". Published in the magazine, *Electronics*.

Member of the committee of "They Need You"

Member of the Committee of The Philadelphia Branch of the Pennsylvania Association for the Blind.

Research and development for Warren Webster Co., Camden, N. J.

Development project during the summer of 1946 for the physics department of Penn State College.

CADBURY, WILLIAM E., JR.

"The Cultural Values of the Sciences in the Premedical Program" (with W. B. Meldrum). *Journal of Chemical Education*, 23:338-40, No. 7. July 1946.

Review of: Physical Chemistry for Premedical Students, by John Page Amsden. McGraw-Hill Book Co., *Journal of Chemical Education*, 23, 362-363 (1946).

Committee on Student Chemists, a committee of the Philadelphia Section of the American Chemical Society.

Clerk and Overseer: Haverford Monthly Meeting.

Member: Committee in Charge of Westtown School of Philadelphia Yearly Meeting.

Member: Democratic Committee, 4th ward, Haverford Township.

Candidate (unsuccessful) for the School Board of Haverford Township, on the Democratic ticket, Nov. 1945.

COMFORT, HOWARD

"Our War With Russia", *The Friend*, 120:52-56, No. 4, Aug. 1946.

Secretary-Treasurer: American Philological Association.

Educational Committee, American Friends Service Committee.

Community Fund of Philadelphia Family Budget Committee.

Delaware County Welfare Council.

Friends Council on Education.

Director: Osborne Association.

Secretary: Advisory Council of School of Classical Studies, American Academy in Rome.

COMFORT, WILLIAM W. (President, Emeritus)

"A Quaker Lobbyist Reports on Washington in 1812" (with T. E. Drake). *Bulletin of Friends Historical Association*, 34:77-88. No. 2. 1945.

"William Penn's Religious Background". *Tributes to William Penn*, pp. 55-72. Published in Harrisburg, 1946.

President: Friends Historical Association.

President: Bible Association of Friends in America.

President: Sleighton Farm School for Girls.

President Emeritus: Delaware County Tuberculosis Society.

Member of Council: Historical Society of Pennsylvania.

Member of Overseers of William Penn Charter School.

DRAKE, THOMAS E.

Articles on "Joseph John Gurney", "William Penn", "Society of Friends", "John Woolman" in *An Encyclopedia of Religion*, Virgilius Ferm, editor. pp 317, 571, 721-22, 829. Published by The Philosophical Library, N. Y., 1945.

Review of H. S. Nedry, "The Friends Come to Oregon". *The United States 1865-1900*. 3:122-23, published by The Hayes Foundation, Fremont, Ohio, 1945.

"Draft Problems Remain", *The Meeting*, No. 90, November, 1945, published by Haverford Friends Meeting, Haverford, Pennsylvania.

"A Quaker Lobbyist Reports on Washington in 1812" (with W. W. Comfort). *Bulletin of Friends Historical Association*, 34:77-88, No. 2, 1945.

Editor: *Bulletin of Friends Historical Association*, vol. 34, No. 2, 1945; vol. 35, No. 1, 1946.

Lecture: "Quaker Education in Theory and Practice", annual meeting of the Nantucket Coffin School Association, Nantucket, Mass., Aug. 22, 1946.

Chairman of Publications Committee: Friends Council on Education.

Editor and Member of Board of Directors: Friends Historical Association.

Member of Board of Directors: Pendle Hill.

Member of Board of Directors: *The Friend*

Member of Committee on Research: Society for American Studies of the Middle Atlantic States.

Chairman of Draft Problems Committee: Haverford Monthly Meeting of Friends.

DUNN, EMMETT R.

"The Amphibians and Reptiles of the Colombian Caribbean Islands San Andres and Providencia." *Caldasia*, pp. 363-5, No. 14, September, 1945.

"*Atractus sanctaemartae*, a New Species of Snake from the Sierra Nevada de Sante Marte Colombia". *Occasional Papers Museum of Zoology, University of Michigan*, pp. 1-6, No. 493, April, 1946.

"Thomas Barbour", 1884-1946". *Copeia*, pp. 1-3, No. 1, April, 1946.

"A New Snake From the Eastern Andes of Colombia", *Caldasia*, No. 17, August, 1946.

Lecture: "Problems of Isthmian Distribution," Pittsburgh, April, 1946.

Curator of Reptiles and Amphibians: Academy of Natural Sciences in Philadelphia.

Board of Governors: American Society of Ichthyologists and Herpetologists.

Board of Directors: Society for the Study of Evolution.

Guest for Research: American Museum of Natural History, July-August, 1946.

EVANS, F. C.

Lecture: "Population Growth"—Bryn Mawr Journal Club (Biology), January, 1946.

Lecture: "Rodent Ecology"—School of Public Health Men at Johns Hopkins, March, 1946.

FETTER, FRANK W.

"Economics: South America (Except Brazil, Colombia and Venezuela)" *Handbook of Latin American Studies 1941*, pp. 145-63, Harvard University Press, Cambridge, 1942.

"The Need for Postwar Foreign Lending" *American Economic Review*, 33:342-46 No. 1 (Supplement), March, 1943.

"Anglo-American Cooperation for Expansion of World Trade" *State Department Bulletin*, 12:501-3, No. 300, March 25, 1945. Published also in *World Economics*, 3:62-7, No. 9-10, March-June, 1945.

Review: "Two Manuscripts," by Charles Davenant. *The Journal of Economic History*, pp. 237-8, November, 1944.

Lectures: "Anglo-American Cooperation for Expansion of World Trade"—American Marketing Association in Philadelphia. March 20, 1945; "The Future of Multilateral Trade"—University of Chicago. April 15, 1946; "Rebuilding Multilateral Trade"—Alumni Conference of the School of Business Administration, University of Michigan. May 11, 1946.

Executive Committee of the American Economic Association, 1944-47.

Committee on Social Science Personnel of Social Science Research Council, 1945-46.

Chief Mission Officer with *Office of Lend-Lease Administration and Foreign Economic Administration*, January, 1943 to July, 1944.

Chief of the Division of Lend Lease and Surplus War Property Affairs, *Department of State*, 1944-46.

Chief of Division of Investment and Economic Development, *Department of State*, 1944-46.

FLIGHT, JOHN W.

Abstracts of articles on archaeological subjects in foreign periodicals for *American Journal of Archaeology*.

Editor of Proceedings of Society of Biblical Literature, *Journal of Biblical Literature* 65:1-44, March, 1946.

Lectures: "Prophets of Israel"—Pacific School of Religion, Berkeley, California, September to November, 1945.

Secretary: The (National) Society of Biblical Literature and Exegesis.

Member of Program and Nominating Committees: The (National) Society of Biblical Literature and Exegesis.

Associate Editor: *Journal of Bible and Religion* (Organ of the National Association of Biblical Instructors).

Member and Acting Secretary: Conference of Secretaries of the American Council of Learned Societies Meeting, January, 1946.

FOSS, MARTIN

The Idea of Perfection in the Western World, Princeton University Press. Princeton, New Jersey, 1946, 102 pages.

Lectures: Fullerton Club, Bryn Mawr; Baptist Church, Lansdowne.

GREEN, LOUIS C.

Lectures: "Atomic Energy in Stars and Bombs"—Rittenhouse Astronomical Society, October, 1945; "The Release of Atomic Energy"—Phoenixville Rotary, November, 1945; "The Release of Atomic Energy"—Science Club of the Philadelphia College of Pharmacy, December, 1945.

"Oscillator Strengths for the Continua of Ca II," read at meeting of the American Astronomical Society at Madison, September, 1946.

President: Rittenhouse Astronomical Society, 1946.

Research Worker: Mt. Wilson Observatory, Summer, 1946.

HERNDON, JOHN G.

Philadelphia: Cradle of Liberty. Co-author with Owen J. Roberts, L. Stauffer Oliver, and R. L. Johnson. Privately printed, Philadelphia, 1945, 32 pages.

Record of the Trip of the Philadelphia Delegation to the Meetings of the Preparatory Commission of the United Nations in London. Co-author with L. Stauffer Oliver. Copy presented to Historical Society of Pennsylvania, 1945, 92 typewritten pages.

"The Federal Income Tax Applicable to Individuals Under Revenue Act of 1945," *Winston Business Administration*. 2:255-444, John C. Winston Company, Philadelphia, 1946.

"Revolutionary Soldiers' Pensions of Orange County, North Carolina," *Daughters of the American Revolution Magazine*, 80:427-9, No. 8, August, 1946.

Lectures: "The Proposed Loan to Britain"—The Foreign Policy Association of Philadelphia; "London in Wartime"—Association of University Women and other groups; "The College of Arms"—Annual Meeting Address before the Genealogical Society of Pennsylvania; "Descents from Magna Carta: A Study in Constitutional Law"—Annual Meeting of Magna Carta Barons.

Member: Radio WCAU Round Table on "International Cooperation."

Director: United Nations Council of Philadelphia.

Member: Philadelphia Delegation to London to bid for the location of the United Nations' world peace capital.

HETZEL, THEODORE B.

Lecture: "Youth Service Projects of the American Friends Service Committee"—Rotary Club, Bridgeton, N. J., November 15, 1945.

Chairman Philadelphia Section: Society of Automotive Engineers.

Chairman Work-Camp Committee: American Friends Service Committee.

Chairman Hobby Committee: Westtown Alumni Association.

Member of Board and Chairman of Community Advisory Committee: Haverford Community Center.

Member of Executive Committee: Campus Club of Haverford College.

Member of Nominating Committee: Haverford Monthly Meeting of Friends.

HOLMES, CLAYTON W.

Consulting Engineer: Firm of Wroe Alderson, Simon and Sessions, of Philadelphia, Pennsylvania.

JONES, RUFUS M.

Introduction and Chapter 1 in *Together*, Abington-Cokesbury, New York, 1945. pp. 7-23.

La Fe y la experiencia de los Cuaqueros, Spanish translation of *Faith and Practice of the Quakers*. Casa Unida, Mexico, 1946, 187 pp.

"Selected Stories of Maine Humor," Clark University, Worcester, Mass., 1945, 23 pp.

JONES, THOMAS O.

Lectures: "Control of Atomic Energy: A Quaker's View," General Assembly, Oshkosh Teachers College, Oshkosh, Wisconsin, October 16, 1943; Kiwanis Club, Oshkosh, Wisconsin, October 17, 1945; State Conference Congregational Church, Madison, Wisconsin, November 18, 1945; Trinity Episcopal Church, Oshkosh, Wisconsin, November 25, 1945; Congregational Church, Dundee, Illinois, January 6, 1946; Broadcast A. B. C., January 27, 1946; Chicago Junior Chamber of Commerce, March 14, 1946; Milwaukee Conference of Church Women, March 8, 1946; State Meeting Kiwanis International, April 25, 1946.

KELLY, J. A.

Review: "Christian Heinrich Schmid and His Translations of English Dramas, 1767-1789," by L. M. Price. *The Germanic Review* 21:73-4, No. 1, New York, February, 1946.

Review: "Germany's Stepchildren," by Solomon Liptzin. *The Germanic Review* 21:153-55 No. 2, New York, April, 1946.

Member: American Council on College Study in Switzerland (since December, 1945).

Department Editor in German Literature: *The National Encyclopedia* (since September, 1946) Crowell-Collier Publishing Company, New York.

MELDRUM, WILLIAM B.

Laboratory Manual of Organic Chemistry (Second Revision), College Offset Press, Philadelphia, Pennsylvania. 23 pages.

"The Cultural Values of the Sciences in the Premedical Program" (with W. E. Cadbury) *Journal of Chemical Education*, 23:338-40, No. 7, July, 1946.

Review: "Introductory College Chemistry," by Holmes, *Chemical Industries*, June, 1946.

Lecture: "The Mechanism of Oxidation-Reduction Reactions"—Eighth Summer Conference of the New England Association of Chemistry Teachers, Middlebury, Vt.

Director of symposium on "Electrochemistry" at the Eighth Summer Conference of the New England Association of Chemistry Teachers, Middlebury, Vt., August, 1946.

Associate Editor: *Journal of the Franklin Institute*.

Chairman, Activities Committee: American Chemical Society.

Councilor: American Chemical Society.

OAKLEY, CLETUS O.

Lecture: "Teacher Training and Selection," Association of Private School Teachers at New York and Vicinity. October 26, 1945.

Editorial work in connection with Army Specialized Training Program testing and the AFI.

PALMER, FREDERIC, JR.

Editor and author of reports on interior ballistics, Division 1, National Defense Research Committee.

Chairman, Franklin Medal Committee: Franklin Institute.

PEPINŠKY, ABRAHAM

"Musicology, the Stepchild of the Sciences," *The Journal of Acoustical Society of America*, 17:83-6, No. 1, July, 1945.

Lecture: "The Psychology of Rhythm"—Music Teachers National Convention, Detroit, Michigan. February 23, 1946.

POST, L. ARNOLD

Editor: Loeb Classical Library.

Coach: Haverford production of *The Arbitration* by Menander as translated and completed by Gilbert Murray. Performed November 30, 1945, and December 1, 1945, at Haverford College and December 1, 1945, at Swarthmore under the auspices of the Cap and Bells Club.

President: American Philological Association, 1945-6.

SARGENT, RALPH M.

Review: "Bright Day," by J. B. Priestly, in *Books of the Week*, *Philadelphia Record*, October 4, 1946.

Member Executive Committee: College Conference on English, Middle Atlantic States.

President: Highlands Museum and Biological Laboratory, Highlands, North Carolina. (The biological station of the University of North Carolina, Duke University, Vanderbilt University, and Wesleyan College.)

President, Library Associates, Haverford College.

SNYDER, EDWARD D.

Lecture: "Edgar A. Poe"—Bowdoin College, August 13, 1946.

SPAETH, J. DUNCAN

"Wilson As I Knew Him and View Him Now," *Woodrow Wilson, Some Princeton Memories*, Edited by William Starr Myers, Princeton University Press, Princeton, New Jersey, 1946. pp. 69-91.

"The Education of Abraham Lincoln" *The Philadelphia Forum*, November, 1945. pp. 6-23 (5 pages).

"Epic Conventions in Paradise Lost," *University of Colorado Studies*, Series B (Studies in the Humanities) 2:201-7, No. 4. October, 1945.

"Et Ego in Arcadia" (Reminiscences of Dr. Faires' Classical Institute). *Philadelphia Forum*, January, 1946. pp. 10-22 (3 pages).

Lectures: "Lincoln at Gettysburg"—Gettysburg College; "Literature and Theology"—Gettysburg Seminary; "Law for Man and Law for Thing"—Franklin Institute; "Shakespeare Today"—Radnor High School, April 23, Birthday Address; "Seamanship and Orsmanship in the Odyssey and Beowulf"—Princeton.

STEERE, DOUGLAS V.

Soil of Peace, A Human Events Essay Pamphlet. Human Events, Chicago, 1946.

"Be Renewed in the Spirit of Your Minds," 1946 Quaker Lecture, Western Yearly Meetings. Indianapolis, 1946. 16 pages.

Introductory Essay to Kierkegaard's *Works of Love*. Princeton University Press, Princeton, New Jersey, 1946.

"Kveekarien Jumalpalvelus"—An address on Quaker worship published in Finnish. Helsinki, 1946, 7 pages.

Review: "Theresa of Avila," *Mother of Carmel*, by Allison Peers. *Christendom*. 11:530-32, No. 4. Autumn, 1946.

Review: "Gospel According to Grmaliel," *Fellowship*. 12:30, No. 2. February, 1946.

Review: "In Downcast Germany," by Joan M. Fry. *Bulletin of Friends Historical Association*. 34:94. Autumn, 1945.

College Preaching in: Smith College, Mt. Holyoke College, Cornell University, Connecticut College for Women, Howard University, University of Washington, University of Wisconsin (Convocation Address), Beloit College, Jewish Theological Seminary (NYC), New England Student Christian Movement, Union Theological Seminary, University of Michigan, Drew Theological Seminary.

Presidential Address: American Theological Society.

President 1945-6: American Theological Society.

Editorial Committee for Translation of Christian Classics into Chinese charged with preparation of mystical and devotional literature.

Clerk: Philadelphia Yearly Meeting of Ministers and Elders—1945-6.

American Friends Service Committee: Finnish Mission June to October, 1945.

American Friends Service Committee: Service on Board and Committees.

Service on Board and Committees: Pendle Hill.

Vice-President: Fellowship of Reconciliation, 1945-6.

Assistance to Finnish-American Committees in fund-raising, including speaking in twelve cities.

SUTTON, RICHARD M.

"Does Science Mean Peace?" *Christian Century* reprinted in "Essays for Our Times," 42:1002-5, No. 36, September, 1945.

"Trailblazers and Surveyors," *The Friend*, 119: No. 7, September, 1945.

"Transmuting Atoms and Men," *Christian Century*, 43:914-16, No. 30, July, 1946.

"Atomic Bombs and Balms," *Proceedings of New York Railroad Club*, 56:1-23, Nov. 15, 1945.

"The Growth of the Concept of Mass-Energy Equivalence," *American Journal of Physics*, 14:137, No. 2, March-April, 1946.

Review: "Atomic Energy for Military Purposes," by H. D. Smythe. Reviewed for *Review of Scientific Instruments*, 17:133, No. 4. April, 1946.

Lectures: "Atomic Energy"—Sydenham Medical Coterie, Philadelphia, October 9, 1945; "Atomic Energy"—Public Forum, Phoenixville, Pennsylvania, October 22, 1945; "Atomic Energy"—Collection, Haverford College, October 30, 1945; "The Growth of the Concept of Mass-Energy Equivalence"—American Association of Physics Teachers, New York, January 25, 1946; "From Stars to Atoms and Home the Same Night"—American Society of Mechanical Engineers, New York. February 25, 1946; "Atomic Energy"—Haverford Alumni Club, Baltimore, Md., March 2, 1946; "Liquid Energy"—William Penn Charter School, March 11, 1946; "Atomic

Energy"—Public Forum on Foreign Policy, Chester, Pa., March 19, 1946; "Atomic Energy"—Methodist Good Fellowship Club, Philadelphia, Pennsylvania, March 8, 1946; "Atomic Energy"—Philadelphia Committee on Public Affairs, April 24, 1946; "From Shallow to Deep Water in Physics,"—Society for Promotion of Engineering Education, St. Louis, Mo., June 21, 1946.

Editorial work on Physics articles for Encyclopedia Britannica "Junior."

Examiner in Physics: Swarthmore College, February.

Examiner in Physics: College Entrance Examination Board.

Committee on Science and the Arts: Franklin Institute.

Committee on Museum: Franklin Institute.

Executive Committee: Westtown General Committee. Philadelphia Yearly Meeting.

Committee on Religious Life of Society: Philadelphia Yearly Meeting.

Committee on Haverford Friends School: Haverford Monthly Meeting.

Chairman: Religious Education Committee. Haverford Monthly Meeting.

SWAN, ALFRED J.

Review: "The Diaries of Tchaikovsky," translated with notes by Wladimir Lakend. *Music Quarterly*, 32:308-10, No. 2.

Composition: "Canzona and Fugue," for piano

Composition: "Christmas Game" for orchestra and reduction for piano for four hands.

Composition: "Sine Nomine" for piano.

Composition: "L'Anneau de Turquoise" for piano.

Composition: Two poems from Robert Louis Stevenson's "Songs of Travel": "I Shall Make You Brooches" for one voice and piano, "I Know Not How It Is With You" for one voice and piano.

Composition: "Chorale for Palm Sunday."

Composition: "Praeludium et Fuga" for piano.

Composition: "Fragment" for piano.

All compositions reproduced by Independent Music Publishers, New York.

TEAF, HOWARD M., JR.

Public Member: *Regional War Labor Board* (and its successor, War Stabilization Board) until June, 1946.

Member: Work Camp Committee and Industrial Relations Committee, American Friends' Service Committee.

Associate Professor of Economics: Cornell University, Summer session, 1946.

WATSON, FRANK D.

Review: "Field Work in College Education," by Helen Merrell Lynd, *The Annals of the American Academy of Political and Social Science*, 246:165-6, July, 1946.

Industrial Disputes Division of the Third Regional Office of the *National War Labor Board* until December 31, 1945.

Candidate: for membership in the General Assembly of the Commonwealth of Pennsylvania.

Member: Inter-cultural Committee of the United Nations Council of Philadelphia.

WYLIE, LAURENCE W.

Lectures: "Poetry at the Sorbonne," 1833-1868"—Modern Language Association;
"A Program for French in College"—Modern Language Teachers, Phila. Chapter,
November, 1945.

Member: Polish Sub-Committee. American Friends Service Committee.

Member: Work Camp Committee. American Friends Service Committee.

Member: Advisory Committee on Student Activities. American Friends Service
Committee.

Vice-President: Association of French Teachers, Philadelphia Chapter, 1946.

Contest Committee: Pennsylvania Association of Teachers of French.



HAVERFORD COLLEGE BULLETIN



1946 - 1947
CATALOG ISSUE

VOLUME XLV

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HAVERFORD COLLEGE BULLETIN



1946 - 1947

HAVERFORD, PENNSYLVANIA

CONTENTS

College Calendar, 1946-47	4
Haverford College—History and Description	7
Corporation	10
Board of Managers	11
Faculty	13
Officers of Administration	18
Standing Committees of the Faculty and Administration	19
REGULATIONS	
Admission	20
College Entrance Board	21
Advanced Standing	23
Curriculum	24
Acceleration	24
Required Courses	25
Limited Electives	25
Major Concentration	27
Free Electives	28
Freshman Program	29
Sophomore, Junior, and Senior Programs	29
Conflicting Courses	29
Additional Courses	30
Special Cases	30
Intercollegiate Courtesy	30
Preparation for Professions	30
Grading of Students	34
Delinquent Students	34
Degrees	36
Honors	38
Financial Arrangements	40
Rooms, Board, and Tuition	40
College Responsibility	41
Monthly Payments	41
Loan Fund	41
Placement Bureau	42

STUDENT ACTIVITIES	43
Student Government	43
Societies and Organizations	44
Student Publications	45
COURSES OF INSTRUCTION	46
GENERAL INFORMATION	
Library	77
Art Collection	78
Lectures	78
Bucky Foundation	79
Infirmery	79
Health Program	79
Campus Club	80
Official Publications	80
Scholarships and Fellowships	80
Prizes	84
Degrees, Prizes, and Honors Granted in 1945-46.....	89
Alumni Associations	93
Index	95

1946

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1947

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		26	27	28	29	30	31		...	27	28	29	30	
February	1	May	1	2	3		
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March	1	June	1	2	3	4	5	6	7		
		2	3	4	5	6	7		8	8	9	10	11	12	13	14	
		9	10	11	12	13	14		15	15	16	17	18	19	20	21	
		16	17	18	19	20	21		22	22	23	24	25	26	27	28	
		23	24	25	26	27	28		29	29	30	

College Days in **heavy-faced** type.

CALENDAR
1946-1947

Registration of all new students.....	Sept. 16-17
Beginning of College Year with Assembly, 9 A.M.; registration of returning students.....	Sept. 18
First-Semester Classes begin, 8 A.M.....	Sept. 19
Thanksgiving Recess (dates inclusive).....	Nov. 28-Dec. 1
First Quarter ends.....	Nov. 27
Last date for selection of Major Departments by students who have been in attendance three terms.....	Dec. 9
Christmas Recess (dates inclusive).....	Dec. 22, 1946-Jan. 5, 1947
First-Semester Classes in Major Subjects end for graduating Seniors.....	Jan. 11
Senior Comprehensive Examinations.....	Jan. 15-18
First-Semester Classes end (except for graduating Seniors in Major Subjects).....	Jan. 16
Mid-year Examinations.....	Jan. 20-31
Second Semester begins with Registration of all new students, 9 A.M.; approved Second-Semester Programs of returning students must be filed by 5 P.M.....	Feb. 3
Second-Semester Classes begin, 8 A.M.; Assembly, for all students, 11 A.M.....	Feb. 4
Third Quarter ends.....	Mar. 29
Spring Recess (dates inclusive).....	Mar. 30-Apr. 6
Last date for selection of Major Departments by students who have been in attendance three terms.....	Apr. 29
Last date for submission of Prize Manuscripts.....	Apr. 29
Second-Semester Classes in Major Subjects end for graduating Seniors.....	May 17
Senior Comprehensive Examinations.....	May 21-24
Second-Semester Classes end (except for graduating Seniors in Major Subjects).....	May 22
Final Examinations.....	May 26-June 6
Commencement Day.....	June 7



H A V E R F O R D C O L L E G E

GENERAL DESCRIPTION

HAVERFORD COLLEGE was founded in 1833. It owes its origin to the vision and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. The object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a Board of Managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding income has been increased to over four million dollars.

Haverford Station is on the main line of the Pennsylvania Railroad, between Bryn Mawr and Ardmore, and is only twenty minutes from downtown Philadelphia by excellent suburban service. The College campus, adjoining the famous Lancaster Pike (U. S. 30), is two hours' train journey from New York or Baltimore, and under three hours from Washington. Valley Forge is one of the many national shrines in the immediate vicinity. The cities of Trenton, Bethlehem, Allentown, Reading, Lancaster, Chester, and Wilmington all lie within a radius of fifty miles. Whether for historic association, cultural advantage, or physical accessibility, Haverford College is admirably situated.

The original tract of 198 acres has since been increased to 216 acres. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener so that the natural beauty of the location has increased with passing years. The grounds include seven

fields for football, baseball, cricket, and soccer; a running-track, numerous tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with an enrollment limited to 400 still enjoys all the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished.

The large endowment enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business, and the professions. Particularly in the Social Sciences, where the seminar method is emphasized, theoretical instruction is frequently checked against the practical experience of visitors prominent in official, industrial, and professional life.

Haverford students enjoy unusual liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students. All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Responsible student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. Attendance at Meeting and at Collection is required. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is, in itself, a certificate that the recipient is intellectually, morally, physically, and socially equipped to play his part and in time to assume a post of leadership in the occupation and community of his choosing. A good proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students who plan to take graduate training in medicine, law, engineering, and other highly specialized subjects, the College offers combinations of courses which prepare its students for admission to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared. Whether or not he intends to proceed to graduate work, the student will in all cases plan his course, and select his Major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833; with additional wings, it is still in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 169,000 volumes.

There are four separate dormitories, as well as modern classrooms, well-equipped laboratories for chemistry, physics, biology, and engineering. The gymnasium was built in 1900; Roberts Hall, containing the College offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the Infirmary, from 1912. In the summer of 1941 the College kitchens were completely modernized, and in the same year a suitable campus dwelling was converted into a Language House with resident director. During the summer of 1942 another of the campus dwellings was remodeled into a Government House, which has rooms for fifteen students and an apartment for its director. Science House, opened in 1943, completes the trio of specialized student residences, the occupants of which have all the advantages of fraternity life without its social discrimination.



CORPORATION OF HAVERFORD COLLEGE

OFFICERS

DR. S. EMLÉN STOKES, *President*.....Moorestown, N. J.
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila. 3
JOHN F. GUMMERE, *Secretary*.....W. School Lane and Fox St., Phila. 44

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1947

STANLEY R. YARNALL5337 Knox St., Phila. 44
IRVIN C. POLEY.....6012 Chew St., Phila. 38
ARTHUR J. PHILLIPS.....274 S. Felton St., Phila. 39

Term Expires 1948

HENRY C. EVANS.....635 Manatawna Ave., Phila. 28
WILMOT R. JONES.....Alapocas Drive, Wilmington, Del.
RICHARD M. SUTTON.....785 College Ave., Haverford, Pa.

Term Expires 1949

WILLIAM M. MAIER.....Bailey Building, Phila. 7, Pa.
I. THOMAS STEERE.....375 W. Lancaster Ave., Haverford, Pa.
PAUL W. BROWN.....Downingtown, Pa.

BOARD OF MANAGERS

Ex-officio as Officers of Corporation

DR. S. EMLÉN STOKES, *President*.....Moorestown, N. J.
 J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila. 3
 JOHN F. GUMMERE, *Secretary*.....W. School Lane and Fox St., Phila. 44

Term Expires 1947

J. STOGDELL STOKES.....Summerdale, Phila. 24
 M. ALBERT LINTON.....4601 Market St., Phila. 39
 FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila. 2
 EDWARD WOOLMAN.....Haverford, Pa.
 THOMAS W. ELKINTON.....121 S. 3rd St., Phila. 6
 MORRIS E. LEEDS.....4901 Stenton Ave., Phila. 44
 HENRY C. EVANS.....635 Manatawna Ave., Phila. 28
 WILLIAM M. MAIER.....Bailey Building, Phila. 7
 J. COLVIN WRIGHT*.....116 E. Penn St., Bedford, Pa.

Term Expires 1948

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.
 EDWARD W. EVANS.....304 Arch St., Phila. 6
 WILLIAM A. BATTEY.....Liberty Trust Building, Phila. 7
 DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.
 JOHN A. SILVER.....Tabor Rd. and E. Adams Ave., Phila. 20
 ALFRED BUSSELLE.....220 E. 36th St., New York, N. Y.
 WILMOT R. JONES.....Alapocas Drive, Wilmington, Del.
 WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.
 PAUL V. R. MILLER*.....1700 Girard Trust Bldg., Phila. 2
 CHARLES S. RISTINE*.....Fidelity-Phila. Trust Bldg., Phila. 9

Term Expires 1949

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila. 7
 JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila. 2
 L. HOLLINGSWORTH WOOD.....133 E. 40th St., New York, N. Y.
 STANLEY R. YARNALL.....5337 Knox St., Phila. 44
 WILLIAM W. COMFORT.....Haverford, Pa.
 DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.
 ALEXANDER C. WOOD, JR.....325 Chestnut St., Phila. 6
 HAROLD EVANS.....1000 Provident Trust Bldg., Phila. 3
 W. NELSON WEST, III*.....1411 Walnut St., Phila. 2

FACULTY REPRESENTATIVES ON BOARD OF MANAGERS

<i>Term Expires 1947</i>	<i>Term Expires 1948</i>
RICHARD M. SUTTON	HOWARD M. TEAF, JR.
<i>Alternates, 1946-47: CLETUS O. OAKLEY and RALPH M. SARGENT</i>	

OFFICERS

Chairman of Board
 DR. S. EMLÉN STOKES

Secretary of Board
 W. NELSON WEST, III

*Alumni Representative Manager.

STANDING COMMITTEES OF THE BOARD OF MANAGERS
OF THE CORPORATION OF HAVERFORD COLLEGE

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

Executive Committee

S. EMLÉN STOKES, <i>Chairman</i>	CHARLES S. RISTINE
THOMAS W. ELKINTON	J. HENRY SCATTERGOOD
EDWARD W. EVANS	FREDERIC C. SHARPLESS
JOHN F. GUMMERE	JONATHAN M. STEERE
WILMOT R. JONES	J. STOGDELL STOKES
MORRIS E. LEEDS	WM. NELSON WEST, 3RD

Committee on Finance and Investments

JONATHAN M. STEERE, <i>Chairman</i>	WILLIAM M. MAIER
MORRIS E. LEEDS	J. HENRY SCATTERGOOD
M. ALBERT LINTON	ALEXANDER C. WOOD, JR.

Committee on College Property and Farm

HENRY C. EVANS, <i>Chairman</i>	PAUL V. R. MILLER
WILLIAM A. BATTEY	JOHN A. SILVER
THOMAS W. ELKINTON	FREDERICK H. STRAWBRIDGE
	EDWARD W. WOOLMAN

Committee on Honorary Degrees

HENRY M. THOMAS, JR., <i>Chmn.</i>	M. ALBERT LINTON
WILLIAM W. COMFORT	FRANCIS R. TAYLOR
HAROLD EVANS	STANLEY R. YARNALL

Library Committee

ALEXANDER C. WOOD, JR., <i>Chmn.</i>	WILMOT R. JONES
WILLIAM W. COMFORT	L. HOLLINGSWORTH WOOD

Counsel

MACCOY, BRITTAİN, EVANS AND LEWIS
1632 Chestnut Street, Philadelphia 3

FACULTY

GILBERT FOWLER WHITEPresident
S.B., S.M., and Ph.D., University of Chicago

WILLIAM WISTAR COMFORTPresident, *Emeritus*
A.B. and LL.D., Haverford College
A.B., A. M., and Ph.D., Harvard University
Litt.D., University of Pennsylvania
LL.D., University of Maryland and Lake Forest College

RUFUS MATTHEW JONES.....T. Wistar Brown Professor of Philosophy, *Emeritus*
A.B., A. M., and LL.D., Haverford College
A.M. and D.D., Harvard University
Litt.D., Penn College
LL.D., Swarthmore College, Earlham College, and Williams College
D.Theol., University of Marburg
D.D., Yale University
D.Lit.Hum., Colgate University
S.T.D., Colby College and Columbia University
H.Litt.D., Jewish Institute of Religion

LEGH WILBER REID.....Professor of Mathematics, *Emeritus*
S.B., Virginia Military Institute
A.B., Johns Hopkins University
S.M., Princeton 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

HENRY VOLKMAR GUMMERE.....Lecturer in Astronomy, *Emeritus*
S.B., A.M., and Sc.D., Haverford College
A.M., Harvard University

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

(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 EDWARD LUNT.....Walter D. and Edith M. L. Scull Professor of English Constitutional History (1917)
A.B. and L.H.D., Bowdoin College
A.M. and Ph.D., Harvard University

FRANK DEKKER WATSON.....Professor of Sociology and Social Work (1921)
S.B. in Economics and Ph.D., University of Pennsylvania

DEAN PUTNAM LOCKWOOD.....Professor of Latin (1923)
A.B., A.M., and Ph.D., Harvard University

- WILLIAM BUELL MELDRUM.....John Farnum Professor of Chemistry (1927)
 B.A. and M.Sc., McGill University
 Ph.D., Harvard University
- LEVI ARNOLD POST.....Professor of Greek (1933)
 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 (1934)
 A.B. and A.M., Haverford College
 Ph.D., Harvard University
- EDWARD DOUGLAS SNYDER.....Professor of English (1935)
 A.B., Yale University
 A.M. and Ph.D., Harvard University
- FRANK WHITSON FETTER.....Professor of Economics (1936)
 A.B., Swarthmore College
 A.M., Harvard University
 A.M. and Ph.D., Princeton University
- JOHN ALEXANDER KELLY.....Professor of German (1937)
 A.B., Emory and Henry College
 A.M. and Ph.D., Columbia University
- DOUGLAS VAN STEERE.....Professor of Philosophy (1941)
 S.B., Michigan State College
 B.A., Oxford University
 A.M. and Ph.D., Harvard University
- CLETUS ODA OAKLEY.....Professor of Mathematics (1942)
 B.S., University of Texas
 S.M., Brown University
 Ph.D., University of Illinois
- RICHARD MANLIFFE SUTTON*.....Professor of Physics (1942)
 S.B., Haverford College
 Ph.D., California Institute of Technology
- RALPH MILLARD SARGENT.....Professor of English (1943)
 A.B., Carleton College
 Ph.D., Yale University
- CARL BARNETT ALLENDOERFER.....Professor of Mathematics (1946)
 S.B., Haverford College
 B.A. and M.A., Oxford University
 Ph.D., Princeton University
- HOWARD MORRIS TEAF, JR.*.....Professor of Economics (1946)
 B.S. in Economics, A.M., and Ph.D., University of Pennsylvania
-
- ALFRED JULIUS SWAN.....Associate Professor of Music (1931)
 B.A. and M.A., Oxford University
- JOHN GOODWIN HERNDON**.....Associate Professor of Government (1933)
 A.B. and M.A., Washington and Lee University
 Ph.D., University of Pennsylvania

* Absent on leave, second semester, 1946-47.

** Absent on leave, 1946-47.

- JOHN WILLIAM FLIGHT.....Associate Professor of Biblical Literature (1936)
 B.A., Hope College
 M.A., Yale University
 B.D. and Ph.D., Harvard University
- HARRY WILLIAM PFUND**.....Associate Professor of German (1936)
 A.B., Haverford College
 A.M. and Ph.D., Harvard University
- HOWARD COMFORT.....Associate Professor of Latin and Greek (1938)
 A.B., Haverford College
 A.M. and Ph.D., Princeton University
 F.A.A.R., American Academy in Rome
- ALEXANDER JARDINE WILLIAMSON.....Associate Professor of Romance Languages (1939)
 A.B., Haverford College
 A.M. and Ph.D., Princeton University
- ROY EARL RANDALL.....Associate Professor of Physical Education (1941)
 Ph.B., Brown University
- THOMAS EDWARD DRAKE*.....Associate Professor of American History (1942)
 A.B., Stanford University
 M.A., University of Michigan
 Ph.D., Yale University
- CLAYTON WILLIAM HOLMES.....Associate Professor of Engineering (1942)
 B.S. and M.E., University of New Hampshire
 A.M., Haverford College
- RICHARD MAX BERNHEIMER.....Associate Professor of History of Art (1943)
 Ph.D., University of Munich
- WILLIAM EDWARD CADBURY, JR.....Associate Professor of Chemistry (1944)
 S.B. and A.M., Haverford College
 Ph.D., University of Pennsylvania
- THOMAS OSWELL JONES**.....Associate Professor of Chemistry (1944)
 B.E., Oshkosh Teachers College
 Ph.M. and Ph.D., University of Wisconsin
- ABRAHAM PEPINSKY.....Associate Professor of Psychology and Music (1945)
 B.A. and M.A., University of Minnesota
 Ph.D., The State University of Iowa
- CHARLES WILBUR UFFORD.....Associate Professor of Engineering (1945)
 A.B., Haverford College
 B.S., Massachusetts Institute of Technology
 M.A. and Ph.D., Harvard University
- BJARNE BRAATOY.....Associate Professor of Government (1946)
 Law Degree, University of Oslo, Norway.
 Ph.D., University of London.
-
- HOWARD KNICKERBOCKER HENRY.....Assistant Professor of Botany (1939)
 B.S., University of Pennsylvania

* Absent on leave, second semester, 1946-47.

** Absent on leave, 1946-47.

- THEODORE BRINTON HETZEL.....Assistant Professor of Engineering (1940)
S.B., Haverford College
B.S. in M.E., University of Pennsylvania
M.S. and Ph.D., Pennsylvania State College
- ALFRED WILLIAM HADDLETON...Assistant Professor of Physical Education (1941)
- LOUIS CRAIG GREENAssistant Professor of Astronomy (1942)
A.B., A.M., and Ph.D., Princeton University
- LAURENCE WILLIAM WYLIE.....Assistant Professor of French (1944)
B.A. and M.A., University of Indiana
Ph.D., Brown University
- MANUEL JOSE ASENSIO.....Assistant Professor of Spanish (1945)
B.A., University of Granada
Pericial de Aduanas, Academia Oficial de Aduanas, Madrid
M.A., University of Pennsylvania
- WILLIAM DOCHERTY.....Assistant Professor of Physical Education (1946)
S.B., Temple University
- PETER CASPAR DUISBERG.....Assistant Professor of Chemistry (1946)
B.S. and M.S., Pennsylvania State College
Ph.D., University of Arizona
- FRANCIS COPE EVANS.....Assistant Professor of Biology (1946)
S.B., Haverford College
D.Phil., Oxford University
- JOHN ASHBY LESTER, JR.....Assistant Professor of English (1946)
B.S., Haverford College
A.M. and Ph.D., Harvard University
- W. THEODORE PAULLIN.....Acting Assistant Professor of History (1947)
B.A., M.A. and Ph.D., University of Wisconsin
-
- MARTIN FOSS.....Visiting Professor of Philosophy and Government
LL.D., University of Jena
- JOHN DUNCAN SPAETH.....Visiting Professor of English Literature
A.B. and LL.D., University of Pennsylvania
Ph.D., University of Leipzig
Litt.D., University of Pittsburgh and Muhlenberg College
LL.D., University of Oregon
- IRA DE AUGUSTINE REID.....Visiting Professor of Sociology
A.B., Morehouse College
M.A., University of Pittsburgh
Ph.D., Columbia University
- DANIEL FRANCIS COOGAN, JR.....Visiting Assistant Professor of German
A.B., Haverford College
M.A., and Ph.D., University of Wisconsin
- HERBERT WILLIAM TAYLOR.....Lecturer in Hygiene (1932)
A.B., Haverford College
M.D., University of Pennsylvania
-
- ARLINGTON EVANS.....Instructor in Physical Education (1921)
B.P.E., Normal College A. G. U.
M.S., Temple University

- JOHN OTTO RANTZ**.....Instructor in Engineering (1940)
Graduate of the Williamson Free School of Mechanical Trades
- THOMAS ALONZO BENHAM**.....Instructor in Physics (1942)
B.S. and M.S., Haverford College
- ELISA ASENSIO**.....Instructor in Spanish (1943)
- EDWARD GRANT MEADE**.....Instructor in Government (1946)
A.B., Dartmouth College
M.A., University of Wisconsin
M.A.L.D., Fletcher School of Law and Diplomacy
- MICHAEL SAVVITCH COOPER***.....Instructor in Russian (1946)
Cum Maxima Laude, University of Odessa
- EVAN BAIRD DAVIS**.....Instructor in German (1946)
A.B., Amherst College
A.M., University of Pennsylvania
- RICHARD HARDIN WARREN**.....Instructor in English (1947)
A.B., Haverford College
- WILLIAM VIACHESLAV CHERRY**.....Instructor in Russian (1947)
Graduate of Emperor Paul's Military Academy, St. Petersburg
LL.B., University of Pennsylvania
-
- ALAN STEWART FITZGERALD**.....Research Associate in Physics and Engineering
-
- NORMAN BARGE BRAMALL**.....Assistant in Physical Education
- RAY JOSEPH MULLAN**.....Assistant in Physical Education
B.S. and M.A., Temple University
- LESSING ANTHONY KAHN**.....Assistant in Psychology
B.A., University of Illinois
M.A., University of Buffalo
- ROBERT LEE BOWDEN**.....Assistant in Chemistry
- SAMUEL TUCKER FOX, III**.....Assistant in English
- JESSE GYGER GRIER**.....Assistant in Chemistry
B.S., Haverford College
- HENRY EDWIN VINSINGER, JR.**.....Assistant in Chemistry
- JAMES BOYER WRIGHT**.....Assistant in Chemistry
A.B., Haverford College
-

The Dean and the Comptroller are members of the Faculty.

* Deceased.

OFFICERS OF ADMINISTRATION

- GILBERT FOWLER WHITE.....*President*
S.B., S.M., and Ph.D., University of Chicago
- ARCHIBALD MACINTOSH*Vice-President*
A.B., Haverford College
M.A., Columbia University
- GILBERT THOMAS HOAG.....*Dean*
A.B., Haverford College
A.M. and Ph.D., Harvard University
- ALDO CASELLI*Comptroller*
D.S.E. and C., University of Naples
- DEAN PUTNAM LOCKWOOD.....*Librarian*
A.B., A.M., and Ph.D., Harvard University
- HERBERT WILLIAM TAYLOR.....*Physician in Charge*
A.B., Haverford College
M.D., University of Pennsylvania
- LOUIS CRAIG GREEN.....*Director of the Strawbridge Memorial Observatory*
A.B., A.M., and Ph.D., Princeton University
- THOMAS EDWARD DRAKE.....*Curator of the Quaker Collection*
A.B., Stanford University
M.A., University of Michigan
Ph.D., Yale University
- BENNETT SMEDLEY COOPER.....*Alumni Secretary and Assistant to the President*
B.S., Haverford College
- SEATON SCHROEDER.....*Superintendent of Buildings and Grounds*
- MRS. ETHEL ELIZABETH BEATTY.....*Dietician*
- AMY LYDIA POST.....*Assistant Librarian*
A.B., Earlham College
- MABEL SYLVIA BEARD.....*Resident Nurse*
R.N., Lankenau Hospital
- ALICE MATTSON BERRY.....*Secretary to the President*
- GERTRUDE MANN WONSON.....*Admissions Office*
B.S., Simmons College

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President and the Vice-President are ex-officio members of all committees. The President, the three elected divisional representatives of the Faculty, the Vice-President 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 1946-47 are Messrs. Watson (Social Science), Allendoerfer (Natural Sciences), and Comfort (Humanities).

Academic Standing

MR. BENHAM, *Chairman*

MESSRS. DOCHERTY, HOLMES, PEPINSKY, SNYDER

Admissions

MR. MACINTOSH, *Chairman*

MESSRS. ALLENDOERFER, KELLY, UFFORD, WATSON

College Program

MR. OAKLEY, *Chairman*

MESSRS. CADBURY, FETTER, HOAG, LESTER, TEAF

Curriculum and Honors

MR. SUTTON, *Chairman*

MESSRS. DUNN, HOAG, FETTER, WYLIE

Fellowships and Prizes

MR. COMFORT, *Chairman*

MESSRS. COOGAN, DRAKE, FOSS, HADDLETON, HETZEL

Graduate Students

MR. FLIGHT, *Chairman*

MESSRS. ALLENDOERFER, LUNT, STEERE, WYLIE

Library

MR. SARGENT, *Chairman*

MESSRS. BRAATOY, F. EVANS, GREEN, LOCKWOOD, POST

Pre-Medical Education

MR. MELDRUM, *Chairman*

MESSRS. CADBURY, DUNN, HENRY, PEPINSKY, TAYLOR

Student Affairs

MR. RANDALL, *Chairman*

MESSRS. ASENSIO, HOAG, RANTZ, WATSON, WILLIAMSON

REGULATIONS

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 given by the College Entrance Examination Board, and some Achievement Tests given by the same Board. 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 requirement 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.

Veterans who have not previously attended Haverford are required to take the Special Aptitude Test for Veterans given by the College Entrance Examination Board. Information about this test is given below. Academic credit for courses taken elsewhere will be considered on an individual basis.

INFORMATION CONCERNING COLLEGE ENTRANCE BOARD TESTS

In addition to the Scholastic Aptitude Test of the College Entrance Board, which is required of *all* candidates for admission, each candidate shall take, after consultation with the Admissions Office, three of the Achievement Tests offered by the Board.

The Board publishes a Bulletin of Information, which may be obtained without charge. It 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, Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish forms for the December, April, June or August tests. Applications for any particular series will not be available until after the preceding series has been held.

The College Entrance Examination Board will hold a complete series of examinations on each of the following dates during the academic year 1946-47:

Saturday, December 7, 1946

Saturday, June 7, 1947

Saturday, April 12, 1947

Wednesday, August 27, 1947

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

8:45 A.M. — Scholastic Aptitude Test (three hours)

8:45 A.M. — Comprehensive Mathematics Test, including a short form of the verbal section of the Scholastic Aptitude Test (three hours)

1.45 P.M. — Achievement Tests — not more than three of the following one-hour tests may be taken:

English Composition

Spanish Reading

Social Studies

Biology

French Reading

Chemistry

German Reading

Physics

Latin Reading

Spatial Relations

1:45 P.M. — *Special Aptitude Test for Veterans (three hours)

— All candidates will take Section I, Section II, and *one* of the three options in Section III:

Section I — Verbal

Section II — Mathematical

Section III — Spatial Relations *or* Physical Science *or* Social Studies Reading

The schedule does not permit a candidate to take both the Scholastic Aptitude Test and the Comprehensive Mathematics Test or both the Achievement Tests and the Special Aptitude Test for Veterans.

Each application should be accompanied by the appropriate examination fee. A detailed schedule of fees follows:

Both Scholastic Aptitude Test and one, two, or three achievement tests	\$9.00
Both Comprehensive Mathematics Test and one, two, or three achievement tests	9.00
Both Comprehensive Mathematics Test and Special Aptitude Test for Veterans	9.00
Scholastic Aptitude Test when taken alone	5.00
Comprehensive Mathematics Test when taken alone ...	6.00
One, two, or three achievement tests when taken alone .	6.00
Special Aptitude Test for Veterans when taken alone ...	6.00

* The Special Aptitude Test for Veterans will also be administered by the Board on the second and fourth Saturday afternoon of each month in the following cities: Berkeley, Cal.; Cambridge, Mass.; Chicago, Ill.; Los Angeles, Cal.; New York, N. Y.; Philadelphia, Pa.; Pittsburgh, Pa.; Washington, D. C. The fee for this test is six dollars. Veterans should secure application forms and other pertinent information directly from the Board. Only duly authorized veterans will be admitted.

All applications and fees should reach the office of the Board not later than the dates specified in the following schedule:

	December 1946 Series	April 1947 Series	June 1947 Series	August 1947 Series
For examination centers located				
East of the Mississippi River or on the Mississippi River	November 16	March 22	May 17	August 6
West of the Mississippi River or in Canada, Mexico, or the West Indies.....	November 9	March 15	May 10	July 30
Outside of the United States, Canada, Mexico, or the West Indies.....	October 19	February 22	April 19	July 9

Belated applications 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.

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.

CURRICULUM

GENERAL

Haverford is a liberal arts college. Its curriculum is designed to give its students both a knowledge of the content and methods of the broad fields of liberal education, and a systematic training in testing, co-ordinating, and correlating information in a single field of concentration.

Every student in full standing at Haverford College shall normally carry a program of five courses per semester for four years. To graduate, a student must have completed successfully the work of forty semester-courses, as well as two and two-thirds years of Physical Education. The courses may be classified as follows:

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

ACCELERATION

During the war, Haverford, like other colleges, made arrangements for students to complete the requirements for a degree in a shorter time than is normally required. With the return of peace, the Accelerated Program is now being dropped.

Freshmen who entered in the fall of 1945, or thereafter, will be expected to meet the forty-course requirement for the degree. Those who have successfully completed one of the Summer Sessions at Haverford between 1942 and 1945 will be required to complete thirty-eight courses, and those who have completed two or more such Summer Sessions must complete thirty-six courses. The number of Required Courses and Limited Electives and the average number of Major Concentration courses are the same for those who have accelerated as for those who have not.

Hereafter, credit previously approved for Summer School courses taken elsewhere will be granted on a straight course basis toward the total number of courses required for a degree.

REQUIRED COURSES

Two semester-courses in English are required of all Freshmen. Three terms of Physical Education are required of all Freshmen and Sophomores, and two terms of all Juniors. These courses in Physi-

cal Education are in addition to the forty semester-courses required for a degree.

LIMITED ELECTIVES

To secure breadth of distribution, every student is required to pass a certain number of courses, as indicated, in each of the following groups:

The details of the requirement were changed during June, 1946.

The new requirements, which must be fulfilled by all men entering Haverford in September, 1946, and thereafter, 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 foreign language courses with catalog number 1, with the exception of Greek 1, 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 the requirements in both Group I and Group II.)

2. HUMANITIES: The requirement may be met by passing four semester courses from the list below:

Biblical Literature 1a, 2b, 4b, 6b, 8b.

English 11b, 12a, 14a, 14b, 21b, 22b, 26b, 30b, 32b.

French 16b, 17a, 18b, 19a, 19b.

German 5a, 6b, 11a, 12b.

Greek 1, 2, 27a.

History of Art (At Bryn Mawr College, with the consent of the Dean of Haverford College).

Latin 5a, 6b, 7, 36b.

Philosophy 3a, 5, 7a, 9a, 10b, 11b, 15a.

Music 1, 2.

Spanish 5a, 6b, 7a, 8b.

Of these courses at least two must be from the following list of courses with a pronounced philosophical content: Biblical Literature 4b, 6b; Philosophy 3a, 5, 7a, 10b; and at least two semester courses must be chosen from the above list in departments other than Biblical Literature and Philosophy.

3. NATURAL SCIENCES: The requirement may be met by passing two semester courses in each of two of the following groups:

(a) Biology 1

Biology 2a, 2b

Psychology 1

(b) Chemistry 1a, 2 (a or b), 3b

Physics 1

- Physics 2
- (c) Astronomy 1a, 2b
- Mathematics 1
- Geography and Geology 1

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

- Economics 1
- Government 1a, 2b, 3a, 9a, and certain other courses in the Government Department to be specified later.
- History 1, 2, 3, 5, 6, 12a, 14b
- Sociology 1a, 2b, 4b

The new requirements make no change in the required year of Freshman English.

The earlier requirements, which apply to men who entered Haverford before September, 1946, are as follows:

1. Foreign Languages: One full-year course in a language beyond the elementary grade. (N.B. A single full-year language course, if included among those listed in group 2, will satisfy the requirements in both group 1 and group 2.) For the purposes of this requirement, all foreign language courses with catalog number 1, with the exception of Greek 1, are considered as of elementary grade.

Furthermore, it is the conviction of Haverford College that the study of Greek and Latin offers both general and specific values which ought not to be lightly omitted from the education of its students; in view of this conviction the College may advise and, where it deems necessary, is prepared to require the study of these subjects.

2. Literature, History of Art, Music: One full-year course or two semester-courses chosen from the following:

- English 8b, 11b, 12a, 14a, 14b, 21b, 22b, 23a, 26a, 26b, 27a, 30b, 32b, 36b, 41a, 42b, 43a
- French 16b, 17a, 18b, 19a, 19b
- German 5a, 6b, 11a, 12b, 13a, 14b, 15a, 17a, 18b
- Greek 2, 3a, 4b, 7a, 8b, 9a, 10b, 27a
- History of Art (all courses)
- Latin 5a, 6b, 7, 9a, 10b, 11, 17, 36b
- Music 1, 2, 20a
- Spanish 5a, 6b, 7a, 8b, 9a, 10b

3. Laboratory Science: One full-year course involving laboratory work in Biology, Chemistry, or Physics, *unless* one such course was presented for entrance.

4. Biblical Literature, Philosophy, Sociology: One full-year course or two semester-courses chosen from the following:

Biblical Literature 1a, 2b, 4b, 6b, 7a, 8b

Philosophy 3a, 5, 7a, 10b, 11b, 17a, 18b

Sociology 1a, 2b, 4b, 5a, 6b

5. Economics, Government, History: One full-year course or two semester-courses chosen from the courses offered by these Departments.

MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, History of Art, Latin, Mathematics, Music, Philosophy, Physics, Psychology, Sociology, Spanish.

Definite requirements are stated under the name of each department on pages 46-75 and are understood as applying to the classes of 1948 and following. During the fourth term of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and must apply to him for written approval of a program of courses for the last four terms. Such a program must provide for the completion, by the end of the Senior year, of no fewer than six courses, at least three of which must have been 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 term. 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"* and "Major

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

Requirements" 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.

The student shall list on his Major registration form *only* those courses which constitute his Major Program.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Department, 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.

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 term, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year. The time thus taken for preparation for the Major shall be technically called course 20*b* in the student's department of concentration. Hence there will be no diminution in the total requirement of forty semester-courses for the degree.

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

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 after consultation with his Major Supervisor.

PROGRAMS

Freshman Program

Although the Faculty Adviser is instructed to lay out for each Freshman 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 one foreign language and courses in History, Mathematics, Science (but not more than one in each of these three Departments).

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Astronomy 1a	Greek 1, 2, 3a, 4b
Biblical Literature 1a, 2b	History 1
Biology 1, 2a	History of Art
Chemistry 1a, 2a, 2b, 3b	(see Bryn Mawr <i>Calendar</i>)
Engineering 1a, 2b, 10b	Latin 1, 3, 5a, 6b, 7
English 2b	Mathematics 1
French 1, 2, 3	Music 1
German 1, 2, 3	Physics 1, 2
Government 2b, 3a	Spanish 1, 2, 3

In special cases, with the consent of the Dean, Freshmen may be admitted to certain other courses.

In cooperation with the Departments of English and of Psychology the Dean administers a series of standard tests to all entrants within the first few days of each term. The results of these tests are used to help Freshmen readjust, if necessary, their selection of courses. These tests are also used to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading. This course 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 when studying reading assignments.

Sophomore, Junior, and Senior Programs

Unless otherwise specified, all courses offered in any term are open to Sophomores, Juniors, and Seniors.

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 in their last semester in college. A fee of \$25 per semester is charged for every additional course.

SPECIAL CASES

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

INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in laboratory courses. Visiting students will be charged the same laboratory fees or deposits as in their own institution.

Students desiring to take advantage of this arrangement should secure permission from the Dean and from the chairman of the Department at the college in which the course is given. It is also desirable that the instructor giving the course be consulted in advance. 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.

Graduate students will obtain similar permission 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.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

SPECIAL PLANS OF STUDY IN PREPARATION
FOR PROFESSIONS

A large number of Haverford College students desire, after graduation, to enter upon courses of study fitting them for professions.

For students desiring preparation for the professional schools in Engineering, Medicine, and other highly specialized subjects the College offers combinations of courses which will prepare its graduates for admission, with full standing and in many cases with advanced credit, to the best professional schools in the country.

To illustrate this feature of the curriculum sample outlines of study preparatory to specialization in Engineering, Medicine, Law, and Business Administration are presented on the following pages. Similar outlines might be prepared for other professions, such as Teaching, the Ministry, Journalism, Industrial Chemistry, etc.

Each of the following outlines is, of course, only a sample, presenting *one* among many possibilities, and is not intended to be a prescribed program.

PREPARATION FOR ENGINEERING

Engineering today covers an extremely broad field of service, and there is, accordingly, no standard type of training suitable for all students preparing themselves for an engineering career. A typical four-year course in general engineering follows:

FRESHMAN YEAR	SOPHOMORE YEAR
Principles of Engineering Drawing, etc.	Kinematics of Machines
Engineering Orientation, Surveying, etc.	Analytical Mechanics
Inorganic Chemistry and Qualitative Analysis	General Physics
Mathematics	Calculus
English	Elementary Economics
Foreign Language	History or Foreign Language
JUNIOR YEAR	SENIOR YEAR
Elements of Electrical Engineering	Heat Engineering
Fluid Mechanics	Mechanics of Materials
An Introduction to Sociology	Statistics
Accounting	The Corporation
Humanities Limited Electives (3)	Management and Industrial Relations
Government and Business	Elective in Engineering, Mathematics, Chemistry or Physics
Social Science Limited Elective	Humanities Limited Elective
Seminar in Engineering	Electives (3)
	Comprehensive Examination
	Seminar in Engineering

PREPARATION FOR MEDICINE

In consequence of the relatively large number of students who prepare for medical school at Haverford, the premedical program has become a distinctive feature of the work of the College. The program is under the direction of the Premedical Committee of the Faculty (see page 21), the members of which stand ready to advise students on matters of premedical interest. The program makes provision not only for the necessary courses in the premedical

sciences but also for a sufficient number of courses in the non-science fields to ensure the student a well-balanced education. Over-specialization in science in the premedical course is not encouraged by the College nor by the medical schools. The required courses in the premedical sciences number 8 ($8\frac{1}{2}$ if the study of chemistry is begun in college), so that an ample number of courses remain to meet any special requirements of the medical schools and the requirements of the College in *limited electives*, as well as to enable the student to choose a Major in accord with his scholastic interest. A premedical student is free to choose any Major for which he is qualified, but he must do creditable work in the premedical sciences in order to secure a favorable recommendation to medical school.

The program of studies which satisfies adequately the requirements for admission to medical school includes the courses listed below. Those in the premedical sciences should be taken in the years indicated in order to avoid schedule conflicts.

- FIRST YEAR:** General Biology (Biology 1)
 Inorganic Chemistry (Chemistry 2a)
 Qualitative Analysis (Chemistry 3b)
 Freshman Mathematics (Mathematics 1a, 1b)
 Elementary German or French
 (German or French 1)
- SECOND YEAR:** Organic Chemistry (Chemistry 5a, 6b)
 General Physics (Physics 1a, 1b or 2a, 2b)
 Elementary Psychology (Psychology 1a, 1b)
 Intermediate German or French
 (German or French 2)
- THIRD YEAR:** Quantitative Analysis (Chemistry 4a)
 Premedical Physical Chemistry (Chemistry 9b)
 Vertebrate Morphology: Embryology and Anatomy
 (Biology 3)

Certain medical schools have additional specific requirements: Johns Hopkins University requires both French and German, and also elementary Latin; the University of Pennsylvania requires English literature; the University of Michigan requires botany; Harvard and Johns Hopkins require advanced organic chemistry; and so on. The premedical student must see to it that such special requirements of the medical school of his choice are met in his college program. Many medical schools advise that English, sociology, economics, philosophy, and other courses in non-science sub-

jects be included in the premedical program. If American history has not been studied in high school, it must be taken in college in order to meet a requirement of State Boards of Medical Licensure. A premedical aptitude test, prepared by the Association of American Medical Colleges, is given each year, usually in December, and this must be taken by all candidates for admission to medical school in that year. Due notice of the date for this test will be given.

PREPARATION FOR THE LAW

Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student in the study of law and later in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

FRESHMAN YEAR

English Composition and Literature
 Foreign Language, preferably Latin
 A Modern Foreign Language
 Mathematics
 American Federal Government

SOPHOMORE YEAR

American History
 Elementary Economics
 Contemporary Legislation
 English, Mediaeval, or Modern European History
 State and Local Government

JUNIOR YEAR

Elementary Psychology
 English Constitutional History
 Government and Business
 Constitutional Law
 Accounting

SENIOR YEAR

American History
 English Literature
 English, Mediaeval, or Modern European History
 The Corporation
 Government Finance
 Development of Political Thought

PREPARATION FOR BUSINESS ADMINISTRATION

Students planning to continue study at a graduate school of business administration or to engage directly in business might arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

JUNIOR YEAR

Industry and Society
 Labor Organization and Business Management
 Money and Banking
 Accounting
 Introduction to Statistics
 The Corporation

SENIOR YEAR

Ethics
 National Income and Investment
 International Trade and Finance
 Government and Business

Students expecting to enter manufacturing industries in any capacity are encouraged to take courses in Chemistry, Engineering, or Physics in order to become acquainted with the general nature of the processes and techniques involved in modern manufacturing.

PREPARATION FOR PUBLIC ADMINISTRATION

Students who are interested in entering the government service for work in Public Administration should have courses in Elementary Economics, American History and Government, National Income and Investment, Political Theory, Government Finance, Accounting, Statistics, Constitutional Law, and Government and Business.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued at the end of each semester.

Freshmen are expected 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.

DELINQUENT STUDENTS

A student who achieves a grade of 50-60 (E) as his term mark in any course is allowed a special examination in September following the failure, immediately before the opening of College. Seniors who achieve 50-60 in any course (except in the Major Examination, see page 28), are permitted to take the special examination during Commencement Week. These examinations, known as make-up examinations, are scheduled only upon written request by the student and on the payment of the fee of \$5.00 for each examination. The request and the fee must be received by the Registrar ten days before the opening of College in September. Late applicants are subject to an additional fee of \$5.00. A student who achieves a grade below 50 is not permitted to take a special examination in that course.

A student with 50 or below as his term grade, or with 50-60 as his term grade in any course after the special examination privilege has lapsed or after taking a special examination, must repeat the course if it is a required course (repeated courses are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining this degree.

When a student drops a course, an arbitrary grade of 40 shall be recorded by the Registrar unless the instructor turns in a lower grade, except that in unusual cases, with the permission of the instructor in the course and the Dean, a course may be dropped without a recorded grade. All recorded grades will be included in the semester average.

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 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.



DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have attained a general average of 70 or above for the Junior and Senior years respectively, 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 normal degree conferred upon all candidates meeting these requirements is that of Bachelor of Arts. However, upon request by the candidate and approval by the department concerned, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, 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. A candidate should have a reading knowledge of one foreign language, ancient or modern.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (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 at least to a full course. At least two of the courses and the additional intensive work must be in the same field 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 Major subject. 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

*In a full-year course in which credit is not granted for the work of a single term, the course grade is the average of the two term grades; in other cases each term's work is a separate course, for the purposes of this requirement.

by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College Library.

A minimum of one year's residence is required, and a candidate, if well 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 candidates for the Master's degree must complete the required work 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.

Fellowships.—Five graduate 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, who wish to proceed with their education in any department of Haverford College, provided the candidate and his proposed schedules of study are approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. Students must board and reside at Haverford College unless, by arrangement with the Dean, they live at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by the following records: a certified list of the applicant's courses and grades as an undergraduate; a statement of his draft status; 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 a small photograph. Applications and other material should be in the hands of the Dean of Haverford College before March 1 to secure consideration for the following year.

Charges.—For charges and fees see pp. 40-42.

HONORS

Honors are awarded for excellence in the studies of single 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 three kinds: *Honorable Mention*, *Preliminary Honors*, and *Final Honors*.

*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 creditably pass an examination on the additional work required. Two courses of one term 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.

Preliminary Honors will be awarded at the end of the Sophomore or Junior year for work in not less than four semester courses in a single department, and additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a minimum average grade of 85 in the courses required for such honors (including a grade satisfactory to the Department in the courses taken in the Sophomore or Junior year), and must creditably pass examinations on the additional work required.

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 more extensive in its scope 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 recommendation of a department or 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 verdict of an outside examiner may be obtained if deemed desirable. The vari-

* Honorable mention is awarded in Freshman English in connection with the work English 2b.

ous departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors one-half of one per cent for each award of Honorable Mention or Preliminary Honors shall be added to each recipient's general average for the year. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent, respectively, to the average for the Senior year of each student receiving one of these awards.

FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 22) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. 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. 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 their application is accepted. A similar deposit is required also by those students who have not been in attendance at the college during the term immediately preceding the one when they are planning to return to Haverford College. This amount will be deducted from their bill for the following year. If the student fails to present himself at the beginning of the term for which he has been enrolled, the deposit will be forfeited.

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

EXPENSES

The tuition charge for all regular students is \$500 for the academic year. Tuition for special students is \$65 per course per term. The total charge for tuition, board (\$11 per week), and room rent (\$100 to \$225, according to location) varies from \$974.00 to \$1089.00 for the year. These charges, which are subject to alteration by the Board of Managers, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.* a bureau and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels. In general, two students share one study and each has his private bedroom adjoining. A few single rooms are also available.

The College requires that bills rendered August 15th and January 15th for the Fall and Spring semesters for room and board, tu-

ition, activity fee and deposit for incidentals be paid in full before the beginning of the semester. It is suggested that in order to avoid last minute congestion, bills be paid by mail in advance. Course cards will be issued in person at the Comptroller's office.

No reduction or refund of the tuition charge will be made after the first two weeks of any semester. If a student shall withdraw before the completion of the first two weeks, there shall 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 his board. In case of withdrawals at any time, there will be no reduction or refund of room rent for the semester unless the same room is re-rented, in which case the withdrawal occupant will receive the amount paid to the College by the new occupant. Other fees cannot be refunded for any reason whatever.

Additional expenses include textbooks, which need not exceed \$25-\$40 a year, and various fees and special charges. A list of these will be supplied on request by writing to the office of the Comptroller. They include fees for repeated courses, make-up examinations, degrees, and late registration.

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.

The College is not responsible for accidents or injury even if sustained in the course of training or instructions. A coverage of \$500.00 per accident is offered by means of a group accident policy written by "Accident and Health Department of the General Accident Assurance Corporation of Philadelphia, Pa." Application blanks will be mailed for the convenience of parents together with original bills covering regular charges. Premium is \$13.00 per calendar year.

MONTHLY PAYMENTS

Since some parents may prefer to pay tuition and other college fees in equal monthly installments during the academic year, we are 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 term.

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.

PLACEMENT BUREAU

Plans have been carried out for the development of a more effective Placement Bureau for those who wish to avail themselves of this service. Information regarding opportunities for employment is being made available to undergraduates and graduates who wish assistance in securing employment. Part-time work is found for those who desire it while in college.

STUDENT 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 personal honor and individual qualities of moral integrity and social responsibility. The basis, therefore, of Student Government at Haverford is the Honor System, which is a compact entered into by all members of the Students' Association. The Honor System upholds certain standards which represent the considered opinion of the Students' Association on what is desirable conduct on the campus. It is not restricted to the conduct of examinations and the preparation of papers outside of class. It covers every phase of college life. It applies to the rules governing the presence of women in the dormitories, and to other standing regulations, which are enforced through 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 the operation of extra-curricular activities on the campus and allocates to each a percentage of the Student Activities Fee (\$15 per year, charged to every undergraduate) on the basis of a yearly budget. In intercollegiate relations 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.

SOCIETIES AND ORGANIZATIONS

The Students' Association. This organization is composed of all undergraduates in good standing at Haverford. It is the body for student self-government at Haverford. On its Council are representatives of the four classes, of the Customs Committee, of Cap and Bells, and of the Haverford News.

Phi Beta Kappa. The Haverford Chapter of the Phi Beta Kappa Society is Zeta of Pennsylvania, chartered in 1898. Elections at Haverford are held for students at the end of the Junior year and at the end of the Senior year.

Founders Club. This Haverford honorary society, established in 1914 as an organization of students, alumni, and faculty, seeks to recognize by election to its membership those undergraduates who combine a sound academic record with noteworthy participation in extra-curricular activities. Elections are usually made from the Junior and Senior classes, except in unusual cases where Sophomores are chosen.

Cap and Bells Club. The Haverford dramatic organization, composed of graduates and undergraduates, sponsors dramatic productions. The Club has collaborated with those of Bryn Mawr and Swarthmore in putting on plays and musical productions.

Nautical Club. The Club provides intercollegiate racing and general sailing for members who have had some experience and those who desire to learn to sail. It keeps four dinghies on the Delaware River. Intercollegiate meets are held each semester and teams have

gone to Annapolis, Boston, and the Coast Guard Academy in New London.

Radio Club. A campus broadcasting station is operated as Station WHAV. Programs are presented throughout the year.

Other Organizations. The following groups are also active at Haverford: Glee Club, Varsity Club, Debate Council, Biology Club, Chemistry Club, Classical Symposium, Engineering Club, International Relations Club, Mathematics Club, Film Club, Spanish Club and French Club.

STUDENT PUBLICATIONS

The Haverford News, a student publication, appears weekly during the college year. Each issue contains a section of Alumni news.

The Record, Senior yearbook, is distributed immediately before commencement.

COURSES OF INSTRUCTION

The normal course at Haverford College, except in modern languages, is three hours per week. The laboratory equivalent for a lecture hour is customarily two and one half hours. Variations in this general rule are noted in the listing of the particular course. Some of the courses listed are not offered during the current year.

ASTRONOMY

The William J. Strawbridge Memorial Observatory enables students to become familiar with a variety of astronomical instruments, and to acquire from actual observation a practical acquaintance with astronomy.

The equipment consists of 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; two sidereal clocks; a chronograph by Bond; and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 1a, 3a, 4b, 6b, 9a, 10b. Three courses to be chosen from Mathematics 2, 3, and Physics 2, 3.

Three written comprehensive examinations of three hours each.

1a. Descriptive Astronomy — MR. GREEN

A general course open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes and simple problems. No fee.

3a, 4b. Astrophysics — MR. GREEN.

A study of the state of matter in interstellar space, in the atmospheres and interiors of the stars, and in the diffuse nebulae. Prerequisites, Physics 2 and Mathematics 2. No fee.

6b. Observational Astronomy — MR. GREEN.

Visual and photographic observations of the sun, moon, planets, and stars. Spectroscopic observations of the sun. Determination of latitude, longitude and time. Prerequisite, Astronomy 1a. A fee of \$7.50 per semester is charged.

9a, 10b. Special Topics in Astrophysics — 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.

BIBLICAL LITERATURE

The courses in this Department are designed to cover broadly the history, literature, and religion of the Bible, with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the Department and to offer either introductory or advanced work.

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. 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.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

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.

1a. Introduction to the Old and New Testaments — MR. FLIGHT.

The literature of the Bible with its historical background.

2b. The Rise of Christianity — 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.

[Not offered in 1946-47; to be offered in 1947-48.]

4b. Development of Christian Thought within the Bible — MR. FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

6b. Comparative Religion — MR. FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

7a. Ancient History of the Near East — MR. FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

(Also called History 7a.)

8b. The English Bible — MR. FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

[Not offered in 1946-47; to be offered in 1947-48.]

(Also called English 8b.)

9a or 10b. Biblical and Oriental Conference — MR. FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, *other work in the Department, in which a grade of B has been attained.*

11. Hebrew — MR. FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school; for students who wish to engage in graduate work, teaching, or conservation; and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German; Chemistry 1a or 2a and 3b, 5a, 6b; Physics 1 or 2 (or Geography and Geology 1, depending on the student's field of interest); and at least Biology 1 and 2a, 2b. For advanced experimental Biology, Chemistry 5a, 6b may be necessary.

A gift from the class of 1915 enables the Department to house and display the extensive collections of the College so that they are available to anyone interested in the natural history of the Philadelphia area.

Major Requirements

Biology 1, 2a, 2b, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 1 or 2, Chemistry 1a or 2a and 3b, Math. 13b, and Geography and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of Sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required. This examination will be partly written (approximately 4 hours) and partly oral.

1. General Zoology — Four hours. MR. DUNN, MR. HENRY, and MR. F. C. EVANS.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$8.00 per semester is charged.

2a. General Botany — Four hours. MR. HENRY.

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. This is a brief course designed to fit the needs of the student not majoring in science. A fee of \$7.50 per semester is charged.

2b. Systematic Botany — MR. HENRY.

This course, a continuation of Biology 2a, consists of a systematic study of the major plant groups. Prerequisite, *Biology 2a.* A fee of \$7.50 is charged.

3. Vertebrate Morphology (Anatomy and Embryology) — Three hours. MR. DUNN and MR. HENRY.

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. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

4. Local Flora — MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2a* and *2b*. A fee of \$7.50 per semester is charged.

5. Entomology — MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification, and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

7. Evolution, Heredity, and Other General Biological Problems — MR. DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on recent developments in the field of biology, especially for students of Sociology, Philosophy, and History. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. No fee.

10. Seminar Courses — Required of candidates for Honors in Biology.

Open only by permission of the instructor.

Vertebrate Zoology — Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*, *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology — Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution — Problems of habitat relationships or geographical relationships of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and *8b*. MR. DUNN, MR. HENRY, and MR. F. C. EVANS.

Advanced Botany — Studies in comparative anatomy of plants. Prerequisite, *Biology 2a, 4, 8b*. MR. HENRY. No fixed fee.

CHEMISTRY

The courses in Chemistry are all listed as one-semester courses. When they are taken in certain sequences they afford a developing knowledge of the science. Chemistry *1a* and *2a* (or *2b*) are of a general nature, dealing with the fundamentals of the subject with some application of the scientific method. Chemistry *2a* (or *2b*) is prerequisite to all other courses in the Department. Freshmen electing chemistry will normally take Chemistry *1a* and *2b*, in the first and second semesters respectively; but those who have had chemistry in school may be permitted to take Chemistry *2a* in the first semester and to continue with Chemistry *3b* in the second. If a Freshman takes Chemistry *1a* and *2b* in his first year and wishes to

continue with chemistry, he must make provision to take Chemistry 3b in the second semester of his Sophomore year.

The courses approved by the American Chemical Society for the professional education of chemists, which should be completed by students expecting to apply either for admission to the universities as graduate students in chemistry or for professional positions in industrial chemistry, include those listed for the Major (see below) together with Chemistry 14b and 16b. Chemistry 7a and 8b, but not 9b, meet the requirement in physical chemistry. For the chemistry courses required for premedical preparation see page 00.

Major Requirements

The requirements for the Chemistry Major may be met by either of the following programs of courses:

(1) Primarily for prospective chemists and chemical engineers: Chemistry 2a, 3b, 4a, 5a, 6b, 7a, 8b, 13a, 15b; Physics 2.

(2) Primarily for premedical students: Chemistry 2a, 3b, 4a, 5a, 6b, 9b (or 7a and 8b), 13a, 17a; Biology 1, 3; Physics 1 or 2.

Candidates for final honors in chemistry are required to take, during the Junior and Senior years, at least three of the short seminar courses offered by the Department, such as Chemical German Reading, History of Chemistry, Glassblowing, and Recent Advances in Chemistry.

1a. Inorganic Chemistry — Four hours. MR. DUISBERG.

Primarily for Freshmen and Sophomores who have not had chemistry in school.

Lectures and laboratory work dealing with the fundamentals of chemistry, the preparation, properties, and uses of the more common elements and their compounds, and the application of the general principles of chemistry to industrial processes. A fee of \$6.00 is charged.

2a or 2b. Inorganic Chemistry — Four hours. MR. CADBURY.

Primarily for Freshmen and Sophomores who have had chemistry in school or who have passed Chemistry 1a.

Lectures and laboratory work dealing with fundamental principles, the extraction and properties of metals, the periodic law, aqueous solutions and the ionic theory, and the structure of atoms and molecules. A fee of \$6.00 is charged.

3b. Qualitative Analysis — Four hours. MR. MELDRUM and MR. CADBURY.

Lectures on reaction kinetics and the application of the ionic theory to analytical processes and to electrolytic phenomena. The systematic qualitative analysis of inorganic materials using the semimicro method constitutes the laboratory work. A fee of \$6.00 is charged. Prerequisite, *Chemistry 2a* or *2b*.

4a. Quantitative Analysis — Four hours. MR. MELDRUM.

Lectures and laboratory work dealing with the general principles of gravimetric, volumetric, electrolytic, and colorimetric methods of analysis. A fee of \$6.00 is charged. Prerequisite, *Chemistry 3b*.

5a, 6b. Organic Chemistry — Four hours. MR. MELDRUM and MR. DUISBERG.

A study of aliphatic, aromatic, and heterocyclic compounds. In the laboratory, experiments illustrating the synthesis and chemical properties of such substances are carried out. A fee of \$6.00 per semester is charged. Prerequisite, *Chemistry 2*.

7a, 8b. Physical Chemistry — Four hours. MR. CADBURY.

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. A fee of \$6.00 is charged. Prerequisite, *Chemistry 4a* and *Mathematics 2*.

9b. Premedical Physical Chemistry — Three hours. MR. CADBURY.

A lecture and conference course dealing particularly with those phases of physical chemistry which find application in physiology, physiological chemistry, and other medical school subjects. Among the topics discussed are: gases and solutions, hydrogen ion concentration and *pH* and their measurement, reaction velocity and catalysis, enzyme action, adsorption, and colloids. Prerequisite, *Chemistry 4a*.

11a. Chemical Thermodynamics — Three hours. MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their application to chemical systems; the development and use of the third law. Prerequisite, *Chemistry 7a* and *8b*, and *Mathematics 2*.

[Not offered in 1946-47.]

13a. Advanced Organic Chemistry — Three hours. MR. DUISBERG.

A study of stereochemistry, carbohydrates, amino acids and proteins, essential oils, and alkaloids. The laboratory work involves the identification of organic substances by classification reactions and by the preparation of derivatives. A fee of \$6.00 is charged. Prerequisite, *Chemistry 5a* and *6b*.

14b. Organic Syntheses — Three hours. MR. DUISBERG.

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Special syntheses constitute the laboratory work. A fee of \$6.00 is charged. Prerequisite, *Chemistry 5a* and *6b*.

15b. Advanced Quantitative Analysis — Three hours. 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. A fee of \$6.00 is charged. Prerequisite, *Chemistry 4a*.

16b. Advanced Quantitative Analysis — Three hours.

Lectures and laboratory work dealing with micro, semimicro, and other special methods of quantitative analysis. A fee of \$6.00 is charged. Prerequisite, *Chemistry 4a*, *5a*, and *6b*.

[Not offered in 1946-47.]

17a or 18b. Chemical Research — MR. MELDRUM, MR. CADBURY, and MR. DUISBERG.

Open only to Senior chemistry Majors and to graduate students in chemistry. May be elected as one or more courses. No fixed fee.

20b. Chemistry Major — MR. MELDRUM, MR. CADBURY, and MR. DUISBERG.

Seniors majoring in chemistry will meet with members of the Staff for one period per week for a critical discussion of the chemical principles studied in the courses and the application of these principles to modern developments in the science.

21a, 22b. Special Topics in Theoretical Chemistry — MR. MELDRUM.

Open only to graduate students in chemistry. No fee.

[Not offered in 1946-47.]

ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society. The advanced courses are designed to give a liberal education and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to grad-

uate work in economics or business administration. Several of the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with significant source material and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take Introduction to Statistics, offered by the Department of Mathematics. Mathematics I is a prerequisite to Statistics.

Economics I is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen on the recommendation of the Dean, and by Juniors and Seniors with the permission of the professor in charge.

Major Requirements

Economics I, 3a, 9a, 13a, and three other half-year courses in Economics. Mathematics 13b (Introduction to Statistics) may be considered as one such half-year course.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the Major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics — MR. FETTER, MR. TEAF, and MR. WATSON.

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present-day problems.

3a. Money and Banking — MR. FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

4b. International Trade and Finance — MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness.

5a. Labor Relations — MR. WATSON.

(See Sociology 5a.)

6b. Management and Industrial Relations — MR. WATSON.

(See Sociology 6b.)

8b. Government Finance — MR. HERNDON.

(See Government 8b.)

9a. Accounting —

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

[Offered in second term 1946-47.]

10b. The Corporation — MR. TEAF.

Economic functions and legal responsibilities of the corporation and its members; types of securities; general financial policy; the distribution of securities; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

[Offered in first term, 1946-47.]

11a. Government and Business — MR. TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations.

(Also called Government 11a.)

13a. National Income and Investment — MR. FETTER.

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics Majors, but also open to qualified students from other departments.

14b. Seminar in Economic Problems — MR. FETTER.

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

In 1946-47 the course will deal with Latin American economic problems, with special reference to their bearing on the United States.

15a, 16b. Seminar — MR. FETTER and MR. TEAF.

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students. Advanced undergraduate students may enroll for this course after specific arrangement with the chairman of the Department.

Economics 17b. Readings in Foreign Economics — MR. FETTER.

This course is to train men in the reading of economic literature in foreign languages, and to familiarize them with current economic publications and with the principal economic journals and sources of commercial and statistical information appearing in foreign languages. Intended primarily for economics Majors, but qualified men in other fields will be admitted.

The course will be given as demand warrants, with reading in French, German, or Spanish to meet the needs of individual students. Men admitted to the course ordinarily must have the equivalent of two years of college study in the language to be covered, but by special permission a man with only one year may be admitted.

[Not offered in 1946-47.]

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 courses 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.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing classrooms, drawing rooms; a departmental library; mechanical, electrical, and electronics 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.

A typical selection of courses for those majoring in engineering is outlined on page 31.

The specific courses offered by the Department are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. Engineering 13a, 14b, and 23a, 24b may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b.

Chemistry 1a or its equivalent, Mathematics 2, Physics 2, and two additional half-year courses from Engineering, Mathematics, Physics, or Chemistry.

Engineering seminar and comprehensive examination.

Courses in Mathematics, Physics, and Chemistry shall be considered preliminary courses as defined on page 27.

1a. Principles of Engineering Drawing and Shop Methods — MR. HETZEL and MR. RANTZ.

Lettering, projection, perspective, sketching, conventions, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking and pattern-work in shop. Inspection trips. A fee of \$11.00 is charged.

2b. Engineering Drawing, Orientation, Surveying, and Shop Methods — MR. HETZEL and MR. RANTZ.

Additional work on detail and assembly drawings for a complete machine. Exercises in machine-tool work, in plane surveying, and in the mechanical laboratory. Lectures will be arranged by outside specialists in the various branches of engineering for orientation purposes. Inspection trips. A fee of \$11.00 is charged.

5a. Shop Methods — MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Reference reading and reports on modern production methods, costs and time studies. A fee of \$12.50 is charged.

7a. Kinematics of Machines — MR. HETZEL.

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 is charged.

8b. Analytical Mechanics — MR. HETZEL.

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. Prerequisite or parallel course, *Mathematics 2*. No fee. Text: Seely and Ensign, *Analytical Mechanics for Engineers*.

10b. Materials of Engineering — MR. HOLMES.

A study of the production and engineering properties of metals, their alloys, and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Inspection trips. A fee of \$7.50 is charged.

11a. Fluid Mechanics — MR. HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices, and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of \$5.00 is charged. Prerequisite, *Mathematics 2*.

12b. Thermodynamics — MR. HOLMES.

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

13a. Elements of Electrical Engineering — Four hours. MR. UFFORD.

Direct current circuits and machinery. The course includes electromagnetism, induced electromotive force, electric and magnetic fields, direct current motors and generators, commutation, armature reaction, parallel operation of generators and the systems for distributing direct current. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 is charged.

14b. Elements of Electrical Engineering — Four hours. MR. UFFORD.

Alternating current circuits and machinery. Single and polyphase circuits, transformers, induction motors, generators, synchronous motors, single phase motors, transmission and distribution of alternating current and illumination. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 is charged.

15a. Heat Engineering — Four hours. MR. HOLMES.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economies, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

One laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Inspection trip. A fee of \$7.50 is charged.

16b. Mechanics of Material — MR. HOLMES.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the testing machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. Prerequisite, *Mathematics 2*. A fee of \$7.50 is charged.

18b. Internal Combustion Engines — MR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. No fixed fee.

23a. Alternating Current Circuits — MR. UFFORD.

Resonance phenomena, coupled circuits, non-sinusoidal voltages and currents, recurrent networks, polyphase circuits, impedance and power measurements in three phase circuits, non-harmonic voltages and currents, transmission lines and transients. Text: Weinbach, *Alternating Current Circuits*. No fixed fee.

24b. Electromagnetic Engineering — MR. UFFORD.

Microwaves, transmission lines, Maxwell's equations, plane waves, reflection, wave guides, resonators, radiation from antennas and coaxial lines. No fixed fee.

25a, 26b. Special Projects in Engineering.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading or experimental work and reports on some particular topic. No fixed fee.

ENGLISH LANGUAGE AND LITERATURE

The Department believes it essential to insure that all undergraduates should be able to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes, further, that the departmental curriculum must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that courses must be provided for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The Department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom of selection is possible for the individual student after appropriate consultation.

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

Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature. (English 11b, 21b, 22a, 23b, 41a, 42b, and 43a).

1 (a or b). Composition and Methods — MR. LESTER, MR. SNYDER, and MR. FOX.
Written composition, public speaking, methods and techniques of college work.

2 (a or b). Types of English Literature — MR. SARGENT, MR. SNYDER, and MR. WARREN.

Introduction to the study and appreciation of literature through reading and analysis of significant works of drama, poetry, fiction, and expository prose. Frequent papers and oral reports.

4b. Intermediate Composition and Oral Discussion — MR. HOAG.
Practice in expository writing and in the techniques of public discussion.

8b. The English Bible — MR. FLIGHT.
(See Biblical Literature 8b.)
[Not offered in 1946-47.]

11b. Shakespeare — MR. SARGENT.

Reading and study of twelve plays, with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

12a. Contemporary Drama — 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. Not restricted, but offered primarily for Sophomores.

14a. American Literature to the Civil War — MR. SPAETH.
Lectures, discussions, and frequent papers.

14b. American Literature from the Civil War to the Twentieth Century — MR. SPAETH.

21b. Nineteenth-Century Prose and Minor Poets — MR. LESTER.

Lectures and discussions, with special emphasis on the novel and controversial prose.

22a. Nineteenth-Century Poets — MR. SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

23a. Elizabethan Literature — MR. SARGENT.

Chief writers of the English Renaissance, omitting Shakespeare. Prerequisite, *English 11b*.

26a. Eighteenth-Century Literature — MR. SNYDER.
The novel and the drama.

26b. Eighteenth-Century Literature — MR. WARREN.

Dr. Johnson and his Club. The chief poets, Pope, Gray, and Burns. *Ossian*.

27a. Greek Literature in English — MR. POST.
(See Greek 27a.)

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Juniors and Seniors.

28a. Creative Writing — MR. SARGENT.

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Junior and Seniors.

30a. Chaucer — MR. HOAG.

Brief account of Middle English; main emphasis upon literary qualities of *Troilus and Criseyde* and *The Canterbury Tales*.

32b. British and American Literature of the Twentieth Century — MR. SARGENT.

Fiction and verse by selected writers from Conrad and Crane to Auden and Hemingway. Prerequisite, two term courses in English beyond the Freshman year.

36b. Latin Literature in English — MR. LOCKWOOD.

(See Latin 36b.)

41a. Special Topics in Nineteenth-Century Literature — MR. LESTER.

Studies in the development of nineteenth-century thought as expressed in English Literature. Three papers will be required of each student. Required of all English Majors. Apply in advance. Prerequisite, *English 21b*.

42b. Special Topics in Poetry — MR. SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Required of all English Majors. Apply in advance. Prerequisite, *English 22b*.

43a. Methods of Literary Scholarship — MR. SARGENT.

An introduction to the aims, problems, and methods of research in English literature by means of an advanced study of Shakespeare. Bi-weekly reports and one piece of original investigation. Required of all English Majors. Apply in advance. Prerequisites, *English 11b* and *English 23b*.

44b. Special Projects in English and American Literature — MR. SNYDER, MR. SARGENT, MR. HOAG, and MR. LESTER.

(Offered to cover only the most unusual situations. Apply in advance to the instructor in whose special field the proposed work lies.)

GEOGRAPHY AND GEOLOGY

I. Geography and Geology — MR. DUNN.

A discussion of the general principles of these sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

GERMAN

German 1, 2, 3, and 9a [10b] are primarily language courses. The remaining courses are devoted primarily to the history of German literature or to the intensive study of special periods or authors. The courses in literature are open to Juniors and Seniors, and to especially well qualified Sophomores.

Opportunity is given to students who complete German 1 or German 2 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

Major Requirements

German 3, 5a, 6b, 9a [10b], 11a, 12b, 13a, 14b, 15a.

Supporting courses to be arranged in conference with MR. KELLY.

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.

1. Elementary German — Five hours (three hours credit). MR. KELLY and MR. COOGAN.

Grammar, conversation, and the reading of simple texts.

2. Intermediate German — MR. KELLY, MR. COOGAN, and MR. DAVIS.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. German is the language of the classroom. Scientific German may be chosen as collateral reading.

3. Advanced German — MR. KELLY.

Reading of standard works of German literature. Composition and Conversation. The collateral reading may be done in literary or scientific German. Prerequisite, *German 2 or the equivalent in school.*

5a. The Beginnings of Modern German Literature — MR. KELLY.

A study of Lessing and the early works of Goethe and Schiller. Hours to be arranged, first half-year. Prerequisite, *German 3.*

6b. The Classical Period of German Literature — MR. KELLY.

A study of the mature works of Goethe and Schiller. Hours to be arranged, second half-year. Prerequisite, *German 5a.*

10b. Advanced Composition and Conversation — MR. COOGAN.

Prerequisite, *German 3 or the equivalent.*

11a. History of German Literature from its Origins to the Seventeenth Century — MR. COOGAN.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports. Prerequisite, *German 3.*

12b. History of German Literature from the Seventeenth Century to the Present — MR. COOGAN.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports. Prerequisite, *German 3.*

13a. German Romanticism — MR. KELLY.

A study of the Romantic movement in Germany and its relations to similar movements in England and France. Prerequisite, *German 3.*

14b. The German Drama of the Nineteenth Century — MR. KELLY.

GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students planning to enter public service, journalism, or the law.

Major Requirements

Government 3a, 4b, 17a, and 18b.

Any four other courses of one term each in Government.

Any four other courses of one term each in any of the social sciences.

A three-hour examination in political philosophy.

A four-hour examination in other courses taken in the Department of Government.

1a. Elements of Political Science — MR. BRAATOY.**3a. American Federal Government — MR. MEADE.**

A study of the origin and structure of the American Federal governmental system.

This course is intended primarily for Freshmen and Sophomores, and is a prerequisite for advanced courses in this Department.

4b. American Federal Administration — MR. HERNDON.

A study of the administrative methods, problems, and philosophies of the American Federal Government: a continuation of *Government 3a*.

[Not offered in 1946-47.]

5a. Contemporary Legislation — MR. HERNDON.

A study of the technique of legislation and an analysis of certain selected bills currently before Congress.

[Not offered in 1946-47.]

6b. American Constitutional Law — MR. MEADE.

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence.

Prerequisite, *Government 3a or 4b*.

7a. American Political Parties — MR. MEADE.

A study of political parties and pressure groups in the United States, including such topics as party organizations and platforms, conduct of elections, lobbies, legal controls over parties, and political machines. Prerequisite, *Government 3a or 4b*.

8b. Government Finance — 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, *Government 3a* unless *Economics 1* has been passed or is being taken concurrently.

[Not offered in 1946-47.]

9a. International Relations — MR. BRAATOY.

Prerequisite, Sophomore standing.

10b. State and Local Government — MR. MEADE.

A study of the structure and administration of state and local government.

11a. Government and Business — MR. TEAF.

(See Economics 11a.)

13b. American Foreign Policy — MR. BRAATOY.

The evolution of American thinking on inter-governmental relations, particularly in the Twentieth Century.

14b. International Law and Organization — MR. MEADE.

Designed to acquaint students with the existence, scope and authority of international law, and the foundations, accomplishments and progress of international organization.

15a. Contemporary Government and Social Systems — MR. BRAATOY.

A study of the democratic and totalitarian systems, with particular reference to Nazi Germany, Soviet Russia, Great Britain and the United States. Prerequisite, Junior standing.

16b. Theories of Social Progress — MR. BRAATOY.

National and international perspectives of reconstruction in political thought and practice.

17a, 13b. The Development of Political Thought — MESSRS. STEERE, FOSS, and POST.

(See Philosophy 17a, 18b.)

19b. Contemporary International Policies — MR. BRAATOY.

The political, economic and social bases of conflicting nationalisms and the attempts at a reconciliation by isolationist, imperialist and regional means and by worldwide cooperation.

27b. Public Opinion and Propaganda — MR. MEADE.

A study of the nature of public opinion with reference to forces moulding or changing it, and an analysis of propaganda techniques and application, with special attention to the influence of pressure groups on the democratic society.

GREEK

Instruction in Greek aims to familiarize the student with the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought continue to be an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

Major Requirements

Greek 3a, 4b, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 27a, and History 13a.

Three additional courses to be arranged in conference with MR. POST.

If Greek 2 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.

1. Elementary Greek — MR. POST.

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

2. Intermediate Greek — MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

3a, 4b. Advanced Intermediate Greek — MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

7a, 8b. Advanced Greek — MR. POST.

The instructor will arrange with students electing this course a systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

9a, 10b. Advanced Greek — MR. POST.

A continuation of the work done in Greek 7a, 8b.

11a, 12b. Advanced Greek Prose Composition — MR. POST.

This course should be taken by all candidates for final honors in Greek.

27a. Greek Literature in English — MR. POST.

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.

(Also called English 27a.)

HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it helps to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as public administration, journalism, and the law.

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 1.

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

Four review examinations of three hours each.

1. English History — MR. LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

2. Foundations of the United States, 1492-1865 — MR. DRAKE and MR. PAULLIN.

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

3. National Development of the United States, 1865 to the Present — MR. DRAKE and MR. PAULLIN.

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.

4. English Constitutional History — MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Junior and Seniors.

5. Mediaeval History — MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Sophomores who have had History 1, and for Juniors and Seniors.

6. Modern European History — MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Sophomores who have had History 1 and for Juniors and Seniors.

7a. Ancient History of the Near East — MR. FLIGHT.

Elective for undergraduates who have been in residence two terms.
(See Biblical Literature 7a.)

10b. History of Europe, 1914–1939 — MR. LUNT.

Elective for undergraduates who have been in residence two terms.

13b. Greek History — MR. 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.

Elective for undergraduates who have been in residence two terms.

HISTORY OF ART

The undergraduate courses in History of Art given at Bryn Mawr College are regularly open to Haverford students, who may also elect History of Art as their subject of Major Concentration. Haverford students may likewise do special work at Bryn Mawr for Honors in History of Art.

For description of courses, and for rules and regulations concerning Major Concentration and Honors work, see the current *Bryn Mawr College Calendar*. Students planning to study at Bryn Mawr College should consult the Dean of Haverford College.

HUMANISTIC STUDIES**1a, 2b — MR. POST.**

This course is designed to introduce students to the life and literature of the Far East, through the use of translations, and to develop their mastery of a major field and of expository writing. G. Nye Steiger, *A History of the Far East*, is recommended for supplementary reading. Essays, weekly or biweekly, for discussion at individual meetings with the instructor. It may be taken as one or two half-courses in either half-year by a limited number of students who will be admitted only after a personal interview and only if there is still room for them when they apply to the instructor.

LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

Major Requirements

Four full-year courses in Latin (not including 1, 3, 5a, and 6b).

Two additional full-year courses in other departments, arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

1. Elementary Latin — MR. COMFORT.

Grammar, reading, composition. Prepares students for Latin 3.

3. Cicero — MR. LOCKWOOD.

Orations of Cicero and readings in other prose authors.

5a, 6b. Vergil — MR. LOCKWOOD.

Six books of Vergil's *Aeneid* and readings in other Roman poets.

7. Survey of Classical Roman Literature — MR. LOCKWOOD.

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

9a, 10b. Readings in Latin Literature — MR. LOCKWOOD and MR. COMFORT.

Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

11. Survey of Medieval Latin Literature — MR. LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

13a or 14b. Advanced Prose Composition — MR. LOCKWOOD.

Either 13a or 14b is required of candidates for final honors.

17. Roman Law — MR. LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

36b. Latin Literature in English — MR. LOCKWOOD.

Lectures on Latin literature and civilization. Reading of Roman prose and verse, including some of the Christian writers. No knowledge of Latin is required. (Also called English 36b.)

MATHEMATICS

Freshman Mathematics is designed to provide that background of trigonometry, algebra, analytic geometry, and elementary calculus which is essential for any serious student of the natural or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of three groups of students:

(1) Mathematics majors. The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching or industrial research, and for statistical and actuarial work.

(2) Students of Chemistry, Physics, and Engineering, who should take Mathematics 2 and, in many cases, Mathematics 3a, 4b, 8b and 11a.

(3) Students, such as economists and biologists, who need statistics in their major fields and who should take Mathematics 13a and 14b.

Major Requirements

Mathematics 1, 2, 3a, 4b, 7a, 8b, 9a, 10b, 11a, and 16b.

Recommended collateral courses are Physics 2, 9a, 10b; or for prospective actuaries Economics 1, 9a.

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.

1. Freshman Mathematics — Four hours. MR. OAKLEY, MR. ALLENDOERFER, MR. HOLMES, MR. GREEN.

Plane trigonometry, including logarithms and the solution of triangles. Functions and graphs; elements of differential and integral calculus; analytic geometry in the plane with applications to conics and other curves; introduction to the geometry of three dimensions. Selected topics in college algebra.

For students presenting trigonometry for entrance to college an advanced section will be operated in which the trigonometry is replaced by advanced solid geometry and additional topics in college algebra.

The second half of this course is offered during the first semester by Mr. Holmes.

2. Calculus — MR. ALLENDOERFER.

Differential and integral calculus with applications. Prerequisite, *Mathematics 1*.

3a. Differential Equations — MR. GREEN.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite, *Mathematics 2*.

4b. Advanced Calculus — MR. GREEN.

Advanced topics in calculus including infinite series, elliptic integrals, partial derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite, *Mathematics 2*.

7a. Theory of Equations — MR. ALLENDOERFER.

Advanced topics in the theory of equations; introduction to modern abstract algebra. Prerequisite, *Mathematics 2*.

[Offered 1946-47; not to be offered 1947-48.]

8b. Vectors and Matrices — MR. ALLENDOERFER.

The algebra of vectors, vector spaces, and matrices with applications to mathematical physics. Prerequisite, *Mathematics 2*.

[Offered 1946-47; not to be offered 1947-48.]

9a. Advanced Analytic Geometry — MR. WILSON.

Advanced plane and solid analytic geometry. Homogeneous coordinates. Introduction to the geometry of n-dimensions. Prerequisite, *Mathematics 2*.

10b. Projective Geometry — MR. WILSON.

Projective geometry based upon the axiomatic method. Synthetic and analytic aspects are considered. Introduction to Non-Euclidean Geometry. Prerequisite, *Mathematics 2, 9a*.

11a. Partial Differential Equations and Fourier Series.

Problem course with many applications to Chemistry, Engineering, and Physics. Prerequisite, *Mathematics 3a, 4b*.

[Not offered 1946-47; to be offered 1947-48.]

13a. Introduction to Statistics — MR. OAKLEY.

Tabular and graphic method, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 is charged. [Offered 1946-47; not to be offered 1947-48.]

14a. Advanced Statistics, Elementary Probabilities, and Finite Differences — MR. OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *13a*.

[Offered in first and second semesters 1946-47; normally offered in second semester of alternate years; not to be offered 1947-48.]

15a or 16b. Special Topics — MR. OAKLEY, MR. ALLENDOERFER.

The content of this course may vary from year to year to suit the needs of advanced students. The course may be repeated for credit with change of content.

MUSIC

In addition to a considerable collection of musical scores and books in the general library, the special equipment of the Music Department consists of a collection of phonograph records, scores, and books presented in 1933 by the Carnegie Corporation and amplified by yearly accessions to double its original size (ca. 1600 records), several pianos, and a Hammond organ.

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 is at the disposal of artists.

Major Requirements

Three full-year courses in Music and three full-year (or six half-year) courses in related fields such as History of Art; German 17a; English 23a; Physics 12b; History 5, 6; or other courses in Music. These courses are to be arranged in conference with the professor in charge.

A comprehensive examination in two parts:

(1) The History of Music. Candidates will be expected to show a knowledge of all styles from the mediaeval chants to the romantic era, as well as a special knowledge (acquaintance with sources) of one particular period, preferably anterior to 1600 A.D.

(2) Musical Composition. Candidates will be expected to submit compositions involving three and four part writing for voices (in free counterpoint) and instrumental scoring for an orchestral ensemble of the classical type.

1. Foundations of Music — MR. SWAN.

In the first semester this course takes up the study of melodic writing in two and three parts (counterpoint), preparatory to which is a thorough practice in the modes. All the while certain models from the 16th century are studied. In the second semester writing for instruments is undertaken, the formal models for which are analyzed from the practice of Haydn, Mozart and Beethoven. The whole course involves the laying of scientific foundations for the study of music. Fundamental musical senses are discussed.

Texts: Medtner, *The Muse and the Fashion*.

Morris, *Contrapuntal Technique of the 16th Century*.

Morris, *Foundations of Practical Harmony and Counterpoint*.

Nef, *An Outline of the History of Music*.

2. Musical Craftsmanship — MR. SWAN.

A continuation of Music I intended for students who are able to attempt composition on a larger scale (sonatina, sonata, string quartet, small orchestra).

4. Instrumentation (in combination with the Departments of Physics and Psychology) — MR. PEPINSKY.

A study of the orchestral instruments from the point of view of their tone-color and tone-production, their idiosyncrasies and limitations, and the effects of combination in ensemble. An intimate study of the scores of master works will be made. A knowledge of harmony and performance on a musical instrument is prerequisite. Text: Forsythe, *Orchestration*.

20a. Music History to the End of the Sixteenth Century — MR. SWAN.

A required course for Music Majors. The study of the available sources from the *Ars Antiqua* to the last Netherlanders. Playing of a *cappella* scores at the piano. Reading of Bessler's *Musik des Mittelalters und der Renaissance* and Ludwig's edition of the works of Machaut. (Knowledge of German very useful.)

21a. Advanced Musical Composition — MR. SWAN.

A required course for Music Majors. Includes composition in sonata form.

22a. Advanced Orchestration (by arrangement with the University of Pennsylvania).

PHILOSOPHY

The courses in Philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical and political discussions.

Major Requirements

Psychology 1a; Philosophy 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

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, or Psychology.

3a. Introduction to Philosophy — MR. FOSS.

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. *Philosophy 3a* is recommended but not required.

5. History of Philosophy — MR. FOSS and MR. STEERE.

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.

7a. Ethics — MR. FOSS.

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.

9a. Classics of Religious Literature — 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*; Theresa of Avila, *Autobiography*; Francis de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

10b. Nineteenth Century Thinkers — MR. STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson.

11b. Logic

The principles of valid inference and their application to reasoning in every-day 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.

[Not offered in 1946-47.]

12b. Philosophy of Science

This course, designed for students with a general cultural interest as well as for those specializing in some one of the sciences, aims at an understanding of the nature of scientific knowledge, the logical methods of science, and the structure of scientific systems. The course will aid students of the special sciences in appreciating the manner in which the work of their own field expresses man's scientific interest and contributes to the scientific world-view. Basic concepts such as induction, causation, probability, measurement, explanation, prediction, and verification are analyzed.

[Not offered in 1946-47.]

14b. Aesthetics — MR. FOSS.

A study of the philosophical principles underlying the creative and appreciative aspects of art.

15a. History and Philosophy of Quakerism.

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.

[Not offered in 1946-47.]

17a, 18b. The Development of Political Thought — MESSRS. STEERE, FOSS, and POST.

A seminar course based upon the writings of selected political philosophers from Plato to the present day.

(Also called Government 17a, 18b.)

21. Philosophical Seminar — 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 graduates.

PHYSICAL EDUCATION

The College equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a 440-yard oval and a 220-yard eight-lane straightway cinder track; the Class of 1888 and Merion Fields for association (soccer) football, both of which are used for baseball 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.

The Gymnasium floor, sixty by ninety feet, is used for basketball and intramural sports. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable lounging room. The basement contains dressing rooms, a number of well-ventilated lockers, shower baths, a pool, a wrestling room, and storage room for athletic equipment. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required for Freshmen; Course 2, for Sophomores; Course 3, for Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, and BRAMALL.

A course of elementary instruction in athletic games including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the second and third quarters.

2. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, and BRAMALL.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education — Three hours. MESSRS. RANDALL, HADDLETON, A. EVANS, DOCHERTY, and BRAMALL.

A course, almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

The introductory courses are Physics 1 and 2. The first of these covers elementary physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. Physics 2 is a basic course for advanced work in physics, chemistry, engineering, mathematics, or astronomy. It covers the work required in physics for admission to many medical schools. With special permission, Physics 1 may be counted as the required prerequisite for admission to the more advanced courses.

Students intending to specialize in physics, chemistry, or medicine should also elect Physics 3.

Physics 1, 2, 3, and 13 are offered annually. Other courses are offered according to demand.

Major Requirements

Physics 2, 13 and four semester courses selected from advanced offerings in Physics.

History of Physics (collateral reading).

Mathematics 3a, and five semester courses, subject to the approval of the major supervisor, to be selected from Chemistry, Engineering, Mathematics, or Astronomy.

A comprehensive examination based primarily upon courses taken in the Physics Department.

1. Introductory Physics — Four hours. MR. BENHAM.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, by the solution of problems and by simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. Text: Black, *An Introductory Course in College Physics*. A fee of \$7.50 per semester is charged.

2. General Physics — Four hours. MR. SUTTON.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Mendenhall, Eve, Keys, and Sutton, *College Physics*. Prerequisites, *Trigonometry* or *Mathematics 1*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

3. Atomic Physics — MR. SUTTON.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; prop-

erties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*. Laboratory fee, \$7.50 per semester.

4b. Spectroscopy — MR. SUTTON.

Lectures, readings, and experiments on spectroscopy and atomic structure, giving emphasis upon the underlying theory and offering acquaintance with the laboratory methods involved. Laboratory fee, \$7.50 per semester.

[Not offered in 1946-47.]

5a. Transmission Systems — MR. BENHAM.

Lectures, class discussions, and occasional experiments on the theory and practice of networks. The course covers reduction and transformation of complex impedance and resistance networks, resonance in electrical circuits, transmission lines, filters, coupled circuits, equalizers, and bridge circuits. Text: W. L. Everitt, *Communication Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*. Laboratory fee, \$7.50 per semester.

[Not offered in 1946-47.]

7a. Electricity and Magnetism — MR. BENHAM.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacitance, inductance, alternating current, and the laws of the electro-magnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*; *Mathematics 3a* should be taken previously or concurrently. Laboratory fee, \$7.50 per semester.

[Not offered in 1946-47.]

8b. Intermediate Radio Communication — MR. BENHAM.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 7a*. Laboratory fee, \$7.50 per semester.

9a. Mechanics — MR. UFFORD.

Analytical mechanics treating the statics, kinematics, and dynamics of particles and rigid bodies. Lectures and problems on the application of calculus and vector methods to mechanical systems including a brief treatment of Lagrange's equations and the special theory of relativity. Text: Synge and Griffith, *Principles of Mechanics*. Prerequisites: *Physics 2* and *Mathematics 3a* (or *Mathematics 3a* may be taken concurrently). No fee.

10b. Introduction to Mathematical Physics — MR. UFFORD.

Lectures and problems on selected topics in mathematical physics, such as hydrodynamics, thermodynamics, kinetic theory, wave motion, theory of electric fields, etc. Textbook: Page, *Introduction to Theoretical Physics*. This course and *Physics 9a* are complementary courses affording one full year in theoretical physics, but a student may elect either half. Prerequisites, *Physics 2* and *Mathematics 3a* (or *Mathematics 3a* may be taken concurrently). No fee.

11a. Optics and Photography — MR. SUTTON.

A study of the principles of physical optics followed by a systematic study of the photographic process. Laboratory work includes both measurements in optics and photographic dark-room manipulations.

Text: Mack and Martin, *The Photographic Process*. Prerequisite, *Physics 1* or *2*. Laboratory fee, \$7.50 per semester.

[Not offered in 1946-47.]

12b. Sound — Second semester. MR. BENHAM OR MR. PEPINSKY.

A course of lectures, readings, and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals

of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisites, *Physics 2* and *Mathematics 2*. Laboratory fee, \$7.50 per semester.

[Not offered in 1946-47.]

13. Physics Seminar — MR. SUTTON and MR. BENHAM.

Advanced students in physics or other fields of science and mathematics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the Department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. Laboratory fee, \$10.00 per semester.

By permission, one semester only may be elected.

15a. Electronics — MR. BENHAM.

This course includes material introductory to electron theory, study and application of vacuum-tubes, and problems pertaining to design and analysis of typical circuits employing them. Laboratory experiments are designed to give the student experience in the handling of apparatus in which electronic tubes are used. Prerequisite, *Physics 2*. Laboratory fee, \$7.50 per semester.

16b. Advanced Radio — MR. BENHAM.

This course takes up the design and operation of such apparatus as radio transmitters, receivers, cathode-ray oscilloscopes, frequency modulated systems, television and radar. Laboratory periods are intended to give the student experience in analyzing radio equipment. Prerequisite, *Physics 15a* or *8b*. Laboratory fee, \$7.50 per semester.

PSYCHOLOGY

The study of psychology has for its goal the understanding and prediction of human behavior.

1. General Psychology — MR. PEPINSKY.

A systematic survey of the basic facts and principles in the various fields of psychology. Three demonstration lectures and two hours laboratory per week. Laboratory fee, \$5.00 per semester.

2b. Advanced Psychology — MR. STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Psychology 1*.

3. (a or b) Special Topics in Psychology — MR. PEPINSKY.

A seminar for special work in restricted fields of psychology. Prerequisite, *Psychology 1*. Elective for sophomores and upperclassmen by consent of instructor. Laboratory fee, \$5.00 per semester.

4. (a or b) Experimental Psychology — MR. PEPINSKY.

A laboratory course designed to familiarize students with the methods and techniques of psychological research, and to enable qualified students to undertake investigations in which they are particularly interested. Prerequisite, *Psychology 1*. Laboratory fee, \$7.50 per semester.

5. (a or b) Psychology of Personality — MR. PEPINSKY.

A study of the problems of development and organization of personality. An analysis and discussion of the problems and techniques of personality adjust-

ment in the home and in educational, occupational, social, civil, political and recreational phases of human life. Prerequisite, *Psychology 1*. Laboratory fee, \$5.00 per semester.

Remedial Reading — MR. PEPINSKY.

Designed to take care of students having difficulty with their rate and comprehension in reading. Diagnostic measures are undertaken. Practice in the use of the Harvard Remedial Reading Films and Equated Transfer Readings. No credit.

ROMANCE LANGUAGES

The introductory courses are primarily language courses designed to give a thorough knowledge of grammar and accuracy of pronunciation as a basis for reading, writing and conversation. The literature courses are devoted primarily to the history of the literature and to the intensive study of periods and authors. The courses in literature are open only to Juniors and Seniors and especially well qualified Sophomores. Exceptional opportunities for developing oral facility in French and Spanish are afforded by residence in French House and Language House.

Admission of all new students to all French and Spanish courses, except French 1 and Spanish 1, is contingent upon placement examinations administered by the Department prior to the opening of such courses, on a date to be announced.

FRENCH

Opportunity is given to students who complete French 1 or French 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study and reading.

Students who have chosen French as their major subject and who have at the end of their Sophomore year demonstrated marked proficiency and a natural aptitude for the French language may be permitted to spend their Junior year in France according to the "Delaware Foreign Study Plan" upon the recommendation of the Department of French and the College. Only those students will be recommended who have a high average in their college work and are considered well qualified to represent the College.

Major Requirements

Four full French courses, except French 1 or 2.

Modern European History.

Supporting courses selected from the Latin, German, Spanish, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

A written and oral comprehensive examination on the language, literature, and history of France.

1. Elementary French* — MR. WILLIAMSON.

Grammar, oral practice and reading.

2. Intermediate French* — MR. WYLIE.

Grammar, oral practice, composition and reading. Prerequisite, French 1 or the equivalent of French 1 at entrance.

3. Introduction to French Civilization — MR. WYLIE.

Geographic, cultural, and historical background of French literature; lectures, grammar review, reading, discussion, written reports, and *explication de textes*.

4. Advanced French Conversation and Composition — MR. WILLIAMSON.

Normal prerequisites are French 3 and a course in French literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

16a. French Literature through the Sixteenth Century — MR. WILLIAMSON.

Lectures with collateral reading and reports on the history of early French literature.

17b. French Literature of the Seventeenth Century — MR. WILLIAMSON.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.

18b. French Literature of the Eighteenth Century — MR. WILLIAMSON.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.

[Not offered in 1946-47.]

19a. Romanticism and Realism — MR. WYLIE.

Reading, reports, and discussion of the main currents of thought and the outstanding literary figures from 1800 to 1860.

[Not offered in 1946-47.]

19b. Modern French Literature — MR. WYLIE.

From Baudelaire to Aragon.

[Not offered in 1946-47.]

SPANISH

Major Requirements

Four full Spanish courses, except Spanish 1 or 2.

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

Supporting courses selected from the Latin, French, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

Written and oral comprehensive examinations.

1. Elementary Spanish† — MR. ASENSIO and MRS. ASENSIO.

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

2. Intermediate Spanish — MR. ASENSIO.

Review of grammar, with written and oral exercises; composition, reading, and conversation.

3. Introduction to Hispanic Civilization — MR. ASENSIO.

Geographic, cultural, historical, and economic background of the Iberian Peninsula and Latin America, with emphasis on Hispanic contributions to civilization; lectures, reading, written and oral reports.

* Normally these courses meet six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

† These courses meet five hours per week, with corresponding reduction in outside preparation; 3 hours credit.

4. Advanced Spanish — MR. ASENSIO.

Training in idiomatic Spanish; conversation and composition; collateral reading.

5. Introduction to Spanish Literature — MR. ASENSIO.

A survey of Spanish literature from the beginnings to modern times: lectures; written and oral reports.

7a. Introduction to Latin-American Literature — MR. ASENSIO.

A survey of Latin-American literature from the Colonial period to modern times: lectures; written and oral reports.

8b. Spanish Literature of the Golden Age — MR. ASENSIO.

Cervantes, Lope de Vega, Tirso de Molina, Calderón: lectures; written and oral reports.

9a or 10b. Special Topics in Spanish Literature — MR. ASENSIO.

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

ITALIAN

1. Intermediate Italian* — MR. CASELLI and MR. COMFORT.

This course is designed for students with war-time experience in Italy. Review of Italian grammar, conversation, reading.

RUSSIAN

1. Elementary Russian — MR. COOPER (first semester) and MR. CHERRY (second semester).

Introduction to the language: reading, writing, grammatical analysis, conversation.

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence, sociology as the "science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Psychology 1, Psychology 2b, Government 3a, Economics 1, and Mathematics 13b, in consultation with the Major Supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

* This course meets six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

For graduate students majoring in Sociology, Mathematics 13b (Introduction to Statistics) and Mathematics 14a (Advanced Statistics) may be counted as courses in Sociology.

1a. An Introduction to Sociology — MR. REID.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Criminology — MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology, including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a*.

[Not offered in 1946-47.]

4b. Ethnic Relations — MR. WATSON and MR. REID.

A study of "racial" and cultural factors in American communities. Special attention will be paid to the Negro, the American-born Japanese, the American Indian, and other minority groups. The particular cultural contributions of various minority groups are explored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a*.

5a. Labor Relations — MR. WATSON.

A study of basic labor problems, such as wages, hours, and unemployment, together with an examination of the efforts of management, unions and the Government to find solutions through collective bargaining and labor legislation. Special emphasis is placed on methods of resolving industrial conflict. Prerequisite, *Economics 1* and *Sociology 1a*.

(Also called Economics 5a.)

6b. Management and Industrial Relations — MR. WATSON.

A study of business administration and organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys the movement for "scientific management." It includes an analysis of the nature, objects, and technique of labor management, employee representation, and union-management cooperation. Prerequisite, *Economics 1* and *Sociology 1a*.

(Also called Economics 6b.)

7a. Seminar in Social Science Research — MR. REID.

The seminar aims to acquaint the student with the general methods of research in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classes limited to men majoring in one of the social sciences. Prerequisite, *one two-term course or two one-term courses in any of the social sciences*.

8b. Problems of the Modern Family — MR. WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of husband-wife, parent-child, and family-community relationships. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upperclassmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

[Offered in the first semester in 1946-47.]

GENERAL INFORMATION

THE LIBRARY

The Haverford College Library, located near the center of the campus, illustrates the steady growth of the College in facilities for study and research. The original building, constructed in 1860, now forms the north wing of the Library. To this first structure four successive additions have been made. The last two of these, a commodious Stack and a Treasure Room, were dedicated in April, 1941. The Mary Newlin Smith Memorial Garden adjoins the south side of the Library building.

The Haverford Library collection now contains about 169,000 volumes. Over four hundred literary and scientific periodicals are taken. Library endowments provide six thousand dollars yearly for the purchase of books. The Library is also a depository of government publications.

With the exception of certain rare books, all volumes in the Library are freely accessible to readers. Though designed especially for the use of officers and students of the College, the Library affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The Library is open on week days from 8:00 A.M. to 10:00 P.M., and on Sundays from 1:30 to 10:00 P.M. Special hours are arranged for vacation periods.

The Gummere-Morley Memorial Reading Room, decorated and equipped by the Class of 1892, provides a special reading and browsing room for Haverford students.

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9 to 12).

Special Collections. The Quaker collection, containing both books and manuscripts, is probably the most complete in America. It forms a central repository for Friends' literature in this country, and makes Haverford a prime source for the study of the Society of Friends.

The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred 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 not only autograph letters of authors, statesmen, scientists, ecclesiastics, monarchs, and others, but 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 100 authors are represented.

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.

Cooperative Services. 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 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 a 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. Enquiries should be addressed to The Librarian, Haverford College.

ART COLLECTION

The Haverford Art Collection, including paintings and drawings by Pintorrichio, Whistler, Inness, Sargent, and Turner, is displayed in the Library.

LECTURES

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."

Other lectures sponsored by departments in the College, especially that of Government, are offered at various times throughout the year. Most of these are open to the public.

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 citizens for such an order, maintains its office in the Haverford Union. It has sponsored the Constructive Citizenship program, in cooperation with Bryn Mawr and Swarthmore Colleges, which has provided training in the U. S. Employment Service for students of Haverford, Bryn Mawr, and Swarthmore.

THE MORRIS INFIRMARY

The Morris 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 physician and a 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.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the Infirmary, will be at the expense of the student. For residence in the Infirmary beyond the limit of one week the charge is \$5 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard is the resident nurse.

HEALTH PROGRAM

Under the Health Program at Haverford College the following services are available without additional charge:

Physical examination on entrance.

Unlimited ambulatory dispensary care at specified hours, with emergency dispensary care at any time by the College Physician and the College Nurse.

Infirmary care at no extra cost for a period not to exceed 7 days in any single college year. After 7 days a charge of \$5 per day will

be made. This charge will include the continued service of the College Physician and the College Nurse.

Routine laboratory examinations.

Ordinary X-ray photos necessary for diagnosis in connection with injuries. This item does not include X-ray examination for sub-acute conditions, such as those of the sinuses, gastro-intestinal tract, the lungs, etc.

Minor surgical treatment as indicated for acute infection, simple fractures, dislocations, etc.

The Health Service does not cover the routine X-ray chest examination required of all entering students, but the College is normally able to arrange to have this done at a minimum cost on one day each fall. If the student is not able to take advantage of this arrangement, it is his responsibility to supply the College before Christmas vacation with a satisfactory reading of chest X-rays.

The Health Service does not cover diagnostic examination by outside specialists. The College will assist in making arrangements for such examination, including optical and dental work, surgery, special nursing, etc.; but the cost is the responsibility of the student. Hospitalization elsewhere than in the Infirmary, or medical care by others than by the College Physician, is also excluded from the benefits of the Health Service.

THE CAMPUS CLUB

A group of alumni and friends of the College, who are interested in preserving and improving the natural beauty of the campus, is organized as The Campus Club. The planning is done by an executive committee which meets biannually for the purpose of laying out new projects. The Arboretum and the Woolman Walk were developed and are maintained by The Campus Club.

OFFICIAL PUBLICATIONS

The College publishes annually the Haverford College Catalog, the President's Report, the Treasurer's Report, the Report of the Librarian, publications of the Faculty, and the College Directory.

SCHOLARSHIPS

Scholarships are of two kinds: competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

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 college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1946-1947, together with supporting letters from parents or guardians, should be in the hands of the President before Tuesday, April 2, 1946.

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. In the majority of cases the College expects work from scholarship students amounting proportionately to the value of each scholarship.

I. *Corporation Scholarships*.—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 22) to those candidates entering by any plan of admission, who are judged to be best prepared to do the work of the College. Corporation scholarships are \$100.00 for the summer term and \$150.00 for the fall and spring terms, respectively.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships, normally \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship, normally of the annual value of \$225, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships* normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually 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.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This scholarship of \$200 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.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—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."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. 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.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergrad-

uates of Haverford College. Awards based upon fulfilment 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.

XX. *Class of 1917 Scholarship*.—One scholarship of the annual value of about \$150. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship*.—A scholarship in the sum of \$500 will be available to a Public School graduate in this general area who may enter Haverford.

XXII. *Daniel B. Smith Fund for Scholarships*.—Founded October 6, 1943, by gift of \$2500 from Anna Wharton Wood of Waltham, Massachusetts. This will be increased by a bequest of \$2500 made by Miss Esther Morton Smith of Germantown, Philadelphia, who died March 18, 1942.

"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.

XXIII. *Sarah Tatum Hilles Memorial Scholarship Fund*.—Founded November 1, 1943, by bequest of \$75,534.58 from Joseph T. Hilles, 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 upon "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.'"

XXIV. *Elihu Grant Memorial Scholarship Fund*.—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 postgraduate degree at Haverford College. Two scholarships of \$300 each are available.

Most of the scholarships listed above are permanent foundations. In addition, the alumni in various districts support regional scholarships.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 37.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, before May 1.

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 Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 for excellence in composition and oratory.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING
IN LITERATURE

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 period or comprehensive topic during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Fellowships and Prizes, with which the candidate shall register

and which shall approve the subject chosen. The Committee will then recommend the candidate to the department or departments to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898, on the twenty-fifth anniversary of their graduation, established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and 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 the science. This prize 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 may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the Department.

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 on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

This prize is not awarded in 1946-47.

THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace.

No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

For the 1946-47 competition the following subjects are offered:

1. The Relationship between Recent Scientific Developments and International Peace.
2. A Critical Evaluation of the Contributions of the United Nations Organization to International Peace.
3. The Probability of Eliminating War, in view of War's Prevalence in History.
4. An American Peace Policy for the Far East.
5. World Famine and World Peace.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in Philosophy in connection with the courses in that Department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given 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

Two prizes of \$15 and \$10, respectively, 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 not later than May 1. The judges shall be appointed by the President of the College.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered 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 for competition in the Department of History under the following general provisions:

First—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.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

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 from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited, under an assumed name, with the Registrar before May 1.

For the 1946-47 competition the following subjects are offered:

1. African Imperial Problems in British Diplomacy from 1882 to 1906.

2. The Policies of the French Government with regard to French Security against Aggression from 1919 to 1936.

3. The Development of Political Parties in the United States from 1789 to 1801.

4. The Relations between the United States and Mexico since 1911.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) 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

The William Ellis Scull Prize (\$50) will be awarded annually to the upperclassman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 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 expect to engage in research, and it will not be awarded unless the candidate has this intention.

DEGREES, PRIZES, AND HONORS GRANTED IN 1945-1946

DEGREES

The following degrees were conferred on Commencement Day,
June 8, 1946.

DOCTOR OF LAWS

MORRIS EVANS LEEDS, 1888

DOCTOR OF SCIENCE

JAMES GARRETT VAIL

MASTERS OF ARTS

DEBORAH ADAMS DOUGLAS (A.B., Sweet Briar, 1943)

Thesis: "A Survey of the Cooperative Movement in Germany and an Account of the Fate of Consumers' Cooperatives Under the Nazi Regime."

CAROLYN GRAHAM (B.A., H. Sophie Newcomb, 1944)

Thesis: "The Fort Ontario Emergency Center."

BARBARA STEVENS GRANT (A.B., Colby, 1943)

Thesis: "Settlement Activities: A Study of the Summer Camp Recreational Program of the Henry Street Settlement."

SARAH EDITH HOVEY (A.B., Reed, 1944)

Thesis: "UNRRA and the Displaced Person Problem in Germany."

CLAUDINE BLANCHE POHL (A.B., Oberlin, 1944)

Thesis: "The Role of the World Student Service Fund in World Student Relief."

BERNICE KNIGHT SHORTER (Mrs. Fred C.) (B.A., Colby, 1944)

Thesis: "A Study of the Unitarian Service Committee."

FREDERICK OSCAR WILHELM (B.A., Wesleyan, 1944)

Thesis: "A Study of Some of the Methods Used in Overcoming Race Prejudice Towards Americans of Japanese Ancestry."

ANNE STILES WYLIE (Mrs. Laurence W.) (B.S., Simmons, 1943)

Thesis: "A Revision of the American Friends Service Committee Handbook for Relief Workers."

BACHELORS OF ARTS

GEORGE ANDERSON BARTHOLOMEW, 1945 HOWARD BURTT KRIEBEL, 1943

ROBERT HAIG BEDROSSIAN, 1946

ROBERTO PABLO PAYRO, 1946

ROBERT HERMAN BEHRENS, 1946

HANS EBERHARD PETERSEN, 1946

ISRAEL MORRIS DOWBINSTEIN, 1947

RICHARD DOUGLAS RIVERS, 1947

ALBERT HUNTER EWELL, JR., 1947

ROBERT PEARSON ROCHE, 1947

WILLIAM LEONARD HEDGES, 1944

CHARLES CALDWELL RYRIE, 1946

DAVID JOHNSON, 1947

LAWRENCE D. STEEFEL, JR., 1947

JULIUS KATCHEN, 1947

GEORGE BOWLER TULLIDGE STURR, 1947

GEORGE MITSUYOSHI YAMANE, 1946

HAVERFORD COLLEGE

BACHELORS OF ARTS

As of February 2, 1946

HERBERT MACY WHITEHEAD, 1947 RICHARD BAYLY WINDER, 1943

BACHELORS OF SCIENCE

WILLIAM MACY HARRIS, 1943 WALTER YONEO KATO, 1946

ANSON BALDWIN HAUGHTON, 1942 ALAN SPENCER ROGERS, 1943

CLEMENTINE COPE FELLOWSHIP FOR 1946-1947

(For graduate study at another institution.)

HANS EBERHARD PETERSEN, 1946

CORPORATION SCHOLARSHIPS FOR 1946-1947

(Award Made on the Basis of Semesters Completed)

7-8 Semesters

WILLIAM HAMILTON HARRIS

BRUCE MARTEN MILLER

JAMES FOWLER ADAMS, JR.

WILLIAM JOHN MCILHENNY

HENRY EDWIN VINSINGER, JR.

5-6 Semesters

JOHN TURNER WHITMAN

WILLIAM RICHMOND CLARK

TIMOTHY BREED ATKESON

PETER HERBERT DEITSCH

3-4 Semesters

STEPHEN RABEN MILLER

JAMES HANCOCK THORPE

JOHN NEIL BOGER

ELLIS PAUL SINGER

1-2 Semesters

WALTER HARVEY COPE

WILLIAM GEORGE WORMAN

Entering Class

GEORGE CABELL CARRINGTON, JR.

WILLIAM HAMER WARNER

PRIZES

The Mathematics Department Prizes (\$25 for Freshmen)

First Prize (\$15)—STEPHEN RABEN MILLER, 1949

Second Prize (\$10)—JOHN NEIL BOGER, 1949

The Alumni Prize for Composition and Oratory (\$50)

ALEXANDER CAMPBELL WILSON, 1950

*The William Ellis Scull Prize (\$50)**for the upper classman who shall have shown the
"greatest achievement in voice and the articulation of
the English language."*

JOHN ALEXANDER STONE, 1948

*The Logan Pearsall Smith Prize (\$50 in books)**for that member of the Senior Class who, in the opinion of the
Committee on Prizes, has the best personal library*

RICHARD BAYLY WINDER, 1943

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course

First Prize (\$50)—RICHARD BAYLY WINDER, 1943

Second Prize (\$45)—ANSON BALDWIN HAUGHTON, 1942

The Class of 1910 Poetry Prizes

for the best verse written by a Haverford undergraduate during the year

First Prize (\$15) — HENRY GEORGE RICKERMAN, 1949

Second Prize (\$10)—EVAN GORDON NEWTON JONES, 1949

The Founders Club Prize (\$25) for the Freshman who has shown the best attitude toward college activities and scholastic work

RICHARD ARDEN COUCH, 1949

The Lyman Beecher Hall Prize in Chemistry

(\$100 from Endowment by the Class of 1898)

for Juniors, Seniors or Graduates within three years of graduation who expect to engage in research

HENRY EDWIN VINSINGER, JR., 1945

HONOR SOCIETIES

The following students were elected to the

PHI BETA KAPPA SOCIETY

WILLIAM LEONARD HEDGES, 1944

HANS EBERHARD PETERSEN, 1946

WILLIAM HUSTON CHARTENER, 1946

ALBERT HUNTER EWELL, JR., 1947

ROBERTO PABLO PAYRO, 1946

JULIUS KATCHEN, 1947

The following students were elected to the

FOUNDERS CLUB

1944

WALTER YONEO KATO, 1946

1945

JULIUS KATCHEN, 1947

RICHARD DOUGLAS RIVERS, 1947

LAWRENCE D. STEEFEL, JR., 1947

1946

JAMES FOWLER ADAMS, JR., 1948

DAVID JOHNSON, 1947

MONROE EDWARD ALENICK, 1948

CHARLES LONG, II, 1947

TIMOTHY BREED ATKESON, 1948

ROBERTO PABLO PAYRO, 1946

WILLIAM PIERSON BARKER, II, 1948

DANIEL BARD THOMPSON, 1948

JAMES ARCHIBALD JACOB, JR., 1948

JOHN TURNER WHITMAN, 1948

The following students were elected to

TAU KAPPA ALPHA

National Honorary Debating Fraternity

1945

TIMOTHY BREED ATKESON, 1948

JULIUS KATCHEN, 1947

WILLIAM PIERSON BARKER, II, 1948

ROBERT PEARSON ROCHE, 1947

DAVID EDWARD THOMAS, 1948

1946

BEN ZION LEUCHTER, 1946

GEORGE ELSON RUFF, JR., 1949

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope than the minimum required, or who have fulfilled all the requirements for Final Honors in their respective Major Departments.

HIGH HONORS

ROBERTO PABLO PAYRO, 1946.....English
HANS EBERHARD PETERSEN, 1946.....Greek

HONORS

ALBERT HUNTER EWELL, JR., 1947.....Psychology
WILLIAM MACY HARRIS, 1943.....Physics
JULIUS KATCHEN, 1947.....Philosophy
LAWRENCE D. STEEFEL, JR., 1947.....History

HONORABLE MENTION

In single courses in the Freshman or Sophomore year representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better in the same course.

JOHN NEIL BOGER, 1949.....Chemistry 2a, 3b
CHARLES DANIEL BRODHEAD, 1949.....Biology 1
EDWARD ECHIKSON, 1949.....Chemistry 2a, 3b
JOHN NORMAN HAUSER, 1948.....Economics 1
ROBERT WILLIAM HOLMES, 1947.....Psychology 1
JAMES QUINTER MILLER, 1949.....Biology 1
JOHN MADISON MCCLOUD, 1948.....French 1
ELLIS PAUL SINGER, 1949.....Chemistry 2a, 3b
JAMES HANCOCK THORPE, 1949.....Biology 1, Chemistry 2a, 3b
DAVID JOHN TOLAN, 1949.....English 2b
THEODORE CRAIG WRIGHT, 1949.....English 2b

GENERAL ALUMNI ASSOCIATION OF
HAVERFORD COLLEGE

President

WILLIAM K. HARTZELL, '28
104 E. Montgomery Ave., Ardmore, Pa.

Vice-Presidents

THEODORE WHITTELEY, JR., '28
Haverford Gables, A-6, Haverford, Pa.

FRANK M. ESHLEMAN, '00
40 Broad St., Room 600, Boston, Mass.

HOWARD J. HOGENAUER, '24
648 King St., Port Chester, N. Y.

Executive Secretary

BENNETT S. COOPER, '18
Haverford College, Haverford, Pa.

Treasurer

WALTER C. BAKER, '32
Girard Trust Co., Phila., Pa.

Haverford Club of Philadelphia
1607 Moravian St., Philadelphia, Pa.

President.....GEORGE W. EMLEN, JR., '08
Vice-President.....EDWARD A. EDWARDS, '08
Secretary.....WILLARD P. TOMLINSON, '10
Treasurer.....JOHN C. LOBER, '27

New York Haverford Society

President.....JOHN E. ABBOTT, '29
11 West 53rd St., New York, N. Y.
Vice-President.....JOHN R. SARGENT, '33
52 Wall St., New York 5, N. Y.
Secretary.....R. WILFRED KELSEY, '33
60 East 42nd St., New York, N. Y.
Treasurer.....HERBERT F. TAYLOR, '28
7 Hanover Sq., New York, N. Y.

Haverford Society of Maryland

President.....	DR. HENRY M. THOMAS, JR., '12 1201 N. Calvert St., Baltimore 2, Md.
Vice-President.....	JOSEPH M. BEATTY, JR., '13 308 Thornhill Rd., Baltimore 12, Md.
Vice-President.....	GILBERT HENRY MOORE, '17 1125 N. Calvert St., Baltimore 2, Md.
Secretary.....	MENNIS LAWSON, '17 11 E. Lexington St., Baltimore 2, Md.
Treasurer.....	HOWARD O. BUFFINGTON, JR., '31 1338 Crofton Rd., Baltimore 12, Md.

Haverford Society of Washington

President.....	HUGH BORTON, '26 Burke, Virginia
Vice-President.....	H. GIFFORD IRION, '32 809 So. Royal St., Alexandria, Va.
Secretary-Treasurer.....	HERBERT W. REISNER, '31 214 Prince St., Alexandria, Va.

Pittsburgh Alumni Association of Haverford College

President.....	GIFFORD K. WRIGHT, '93 First National Bank Building, Pittsburgh 22, Pa.
Secretary.....	WILLARD E. MEAD, '26 5800 Walnut St., Pittsburgh 6, Pa.
Treasurer.....	JAMES M. HOUSTON, '31 1639 Beechwood Blvd., Pittsburgh 17, Pa.

Haverford Society of New England

President.....	FRANK M. ESHLEMAN, '00 40 Broad St., Room 600, Boston, Mass.
Secretary-Treasurer.....	ELLIOT W. BROWN, '21 401 Summer St., Boston, Mass.

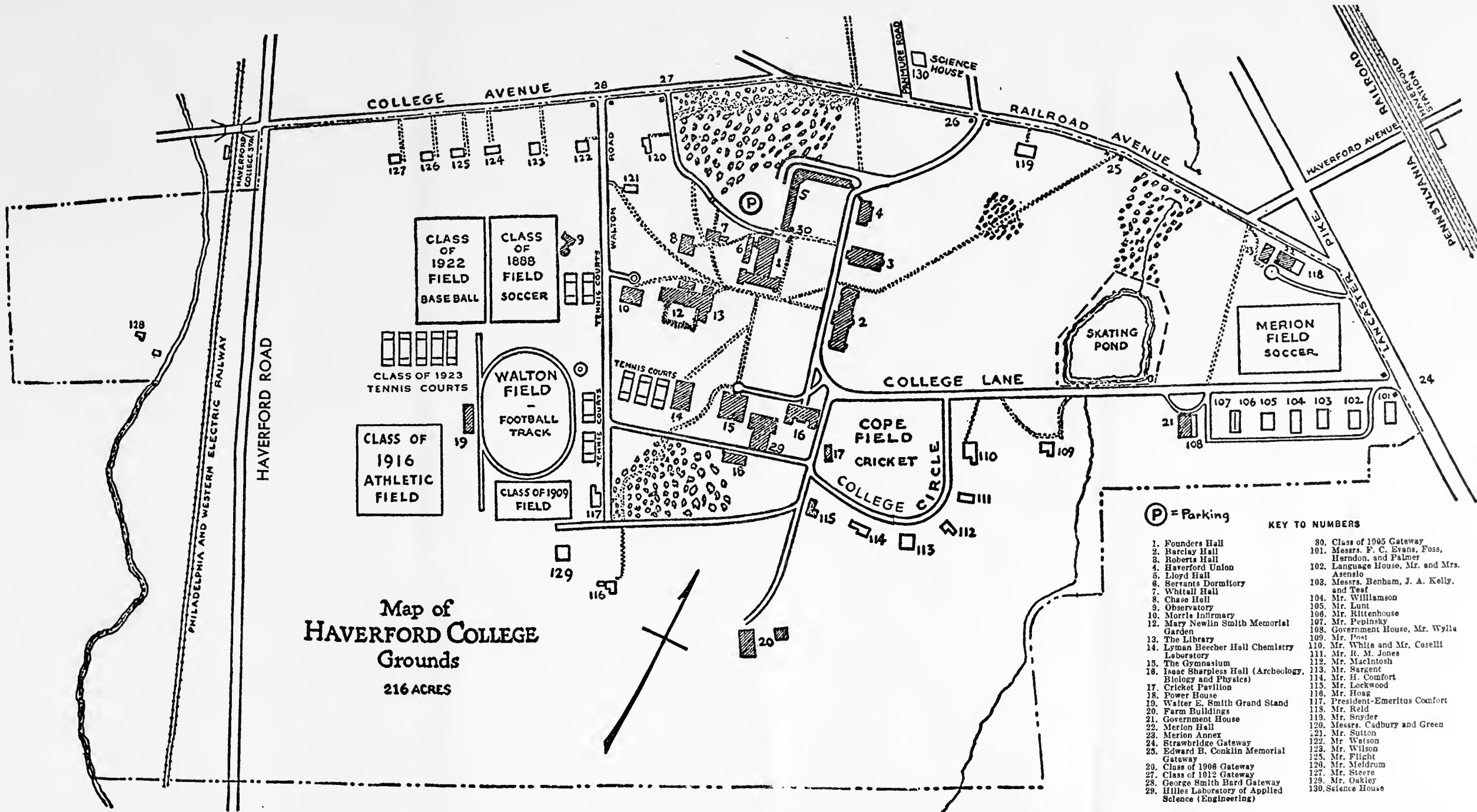
Haverford Society of Wilmington

President.....	JOHN K. GARRIGUES, '14 Delaware Trust Co., Wilmington, Del.
Secretary.....	CHARLES A. ROBINSON, '28 Delaware Trust Co., Wilmington, Del.

INDEX

	PAGE
Academic Council	19
Administration, Officers of	18
Admission—Advanced Standing	23
Admission—Examinations	21
Admission—Graduate Students	36
Admission—Requirements for	20
Alumni Associations	93
American Literature	56
Art Collection	78
Astronomy	46-47
Athletic Fields	69
Autograph Collection, Charles Roberts.....	78
Biblical Literature	47-48
Biology	48-49
Bryn Mawr College, Cooperation with.....	30
Bucky Foundation	79
Calendar	4
Campus Club	80
Chemistry	49
Clubs	44-45
College Entrance Examination Board	21
Committees—Board of Managers.....	14
Committees—Faculty	19
Conflicting Courses	29
Corporation—Officers of	10
Corporation—Standing Nominating Committee.....	10
Courses of Instruction.....	46-76
Curriculum	24
Degrees Awarded in 1945-46.....	89
Degrees—Bachelor's	36
Degrees—Master's	36-37
Delinquent Students	34-35
Economics	51-53
Engineering	54-56
English Language and Literature	56-58
Examinations for Admission	21
Examinations for the Master's Degree.....	36
Expenses	40-41
Extra Courses	30
Faculty—Members of	13
Faculty—Standing Committees of.....	19
Fees and Special Charges.....	41-42
Fellowships—List of	84
Fellowships—Awarded in 1945-46.....	90
Free Electives	28
French	73-74
Geography and Geology.....	58
German	58-59
Government	59-61
Grading of Students	34
Graduate Students	36-37

	PAGE
Greek	61
Gymnasium	69
Health Program	79-80
History	62
History of Art.....	63
History of Haverford College.....	8-11
Honor Societies, Membership in	91
Honor System	43-44
Honors—Rules for	38-39
Honors—Awarded in 1945-46.....	92
Humanistic Studies	63
Infirmary	79
Italian	75
Latin	63-64
Lectures	78-79
Library	77-78
Limited Electives	25
Loan Fund	41
Major Concentration	27-28
Managers, Board of.....	11
Mathematics	64-65
Meeting, Friends	8
Monthly Payments of College Bills.....	41
Music	66-67
Observatory	46
Phi Beta Kappa Society.....	44
Philosophy	67-68
Physical Education	69
Physics	70-72
Placement Bureau	42
Prizes—List of	84
Prizes—Awarded in 1945-46	90
Program of Courses	29
Professions, Preparation for.....	30-34
Psychology	72
Publications, Official	80
Remedial Reading	73
Required Courses	25
Romance Languages	73-75
Rooms	40
Russian	75
Scholarships—List of	80-83
Scholarships—Awarded in 1945-46.....	90
Sociology	75-76
Societies and Organizations.....	44-45
Spanish	74
Student Government	43-44
Student Publications	45
Swarthmore College, Cooperation with.....	30
Tuition	40-41
Veterans, Admission of.....	21

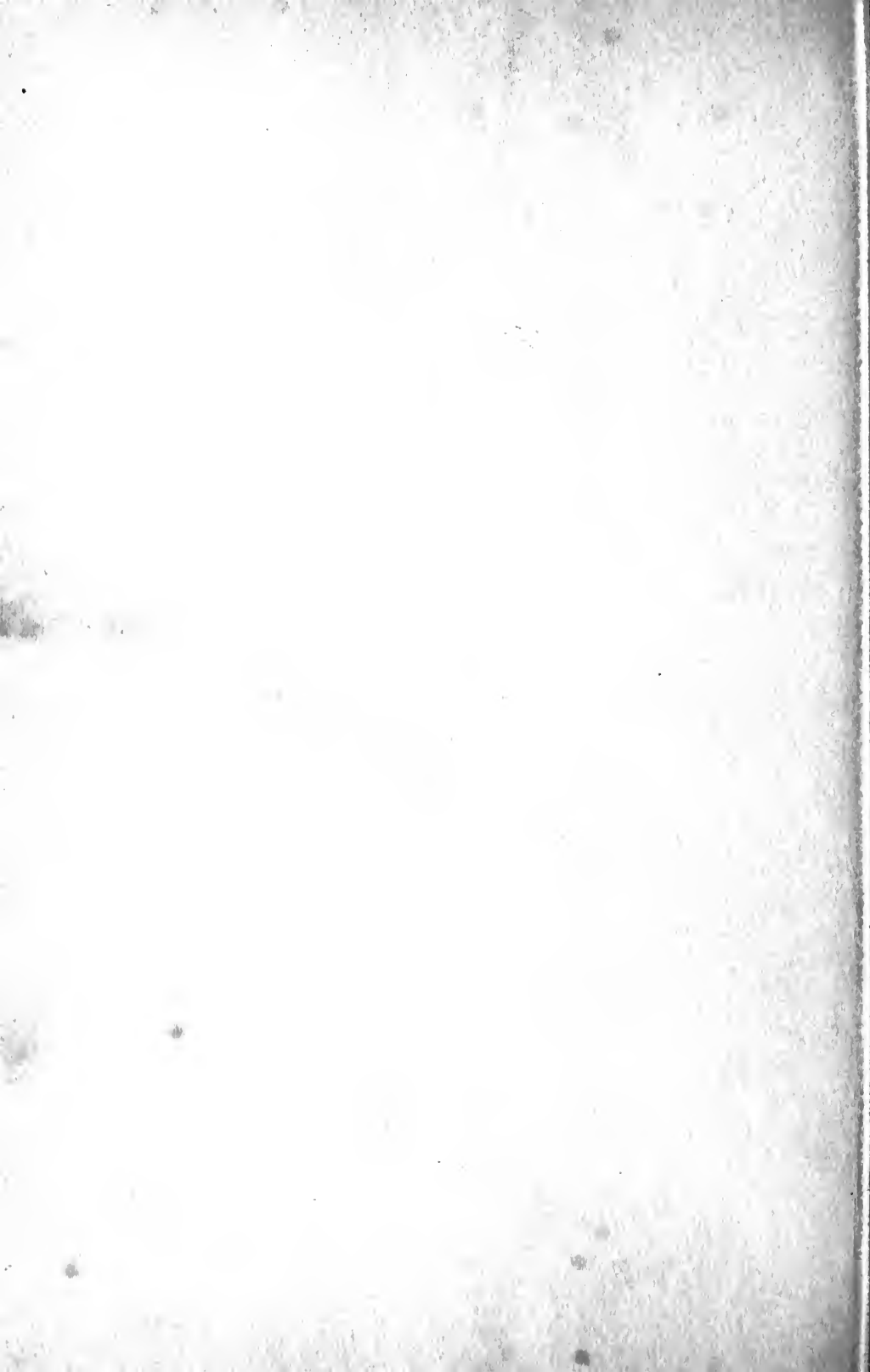


Map of
Haverford College
 Grounds
 216 ACRES

- (P) = Parking**
- KEY TO NUMBERS**
- | | |
|-------------------------------------------------------------|-----------------------------------------------------|
| 1. Founders Hall | 80. Class of 1005 Gateway |
| 2. Barclay Hall | 101. Messrs. F. C. Evans, Foss, Harndon, and Palmer |
| 3. Roberts Hall | 102. Language House, Mr. and Mrs. Astello |
| 4. Haverford Union | 103. Messrs. Benham, J. A. Kelly, and Teaf |
| 5. Lloyd Hall | 104. Mr. Williamson |
| 6. Servants Dormitory | 105. Mr. Lunt |
| 7. Whittall Hall | 106. Mr. Rittenhouse |
| 8. Chase Hall | 107. Mr. Pepinsky |
| 9. Observatory | 108. Government House, Mr. Wylla |
| 10. Morrie Infirmary | 109. Mr. Post |
| 12. Mary Newlin Smith Memorial Garden | 110. Mr. White and Mr. Caselli |
| 13. The Library | 111. Mr. R. M. Jones |
| 14. Lyman Beecher Hall Chemistry Laboratory | 112. Mr. MacIntosh |
| 15. The Gymnasium | 113. Mr. Sargent |
| 18. Isaac Sharpless Hall (Archaeology, Biology and Physics) | 114. Mr. H. Comfort |
| 17. Cricket Pavilion | 115. Mr. Lockwood |
| 18. Power House | 116. Mr. Hoag |
| 19. Walter E. Smith Grand Stand | 117. President-Emeritus Comfort |
| 20. Farm Buildings | 118. Mr. Reid |
| 21. Government House | 119. Mr. Snyder |
| 22. Merion Hall | 120. Messrs. Cadbury and Green |
| 23. Merion Annex | 121. Mr. Sutton |
| 24. Strawbridge Gateway | 122. Mr. Wetson |
| 25. Edward B. Conklin Memorial Gateway | 123. Mr. Wilson |
| 26. Class of 1006 Gateway | 125. Mr. Flight |
| 27. Class of 1012 Gateway | 126. Mr. Meldrum |
| 28. George Smith Bard Gateway | 127. Mr. Steere |
| 29. Hillis Laboratory of Applied Science (Engineering) | 129. Mr. Oakley |
| | 130. Science House |







HAVERFORD COLLEGE BULLETIN



REPORT OF
TREASURER AND COMPTROLLER
OF
THE CORPORATION OF HAVERFORD COLLEGE
FOR YEAR ENDING EIGHTH MONTH 31, 1946

1945-1946

VOLUME XLV

NUMBER FOUR

February 1947

**Issued October, November, December and
February by Haverford College, Haverford, Pa.**

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COLLEGE OFFSET PRESS
148-150 N. SIXTH ST., PHILADELPHIA 6, PA.

CORPORATION OF HAVERFORD COLLEGE

OFFICERS

DR. S. EMLÉN STOKES, <i>President</i>	Moorestown, N. J.
GILBERT F. WHITE, <i>President</i> <i>of the College</i>	Haverford, Pa. 1
ARCHIBALD MACINTOSH	Haverford, Pa. 2
J. HENRY SCATTERGOOD, <i>Treasurer</i>	1616 Walnut St., Phila. 3
JOHN F. GUMMERE, <i>Secretary</i>	W. School Lane and Fox St., Phila. 44

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1947

STANLEY R. YARNALL	5337 Knox St., Phila. 44
IRVIN C. POLEY	6012 Chew St., Phila. 38
ARTHUR J. PHILLIPS	274 S. Felton St., Phila. 39

Term Expires 1948

HENRY C. EVANS	635 Manatawna Ave., Phila., 28
WILMOT R. JONES	Alapocas Drive, Wilmington, Del.
RICHARD M. SUTTON	785 College Ave., Haverford, Pa.

Term Expires 1949

WILLIAM M. MAIER	Bailey Building, Phila. 7, Penna.
I. THOMAS STEERE	375 W. Lancaster Ave., Haverford, Pa.
PAUL W. BROWN	Downingtown, Penna.

(1) APPOINTED SEPTEMBER 1, 1946

(2) ACTING PRESIDENT FOR THE YEAR 1945 - 1946

BOARD OF MANAGERS

Ex-officio as Officers of Corporation

DR. S. EMLEN STOKES, *President*.....Moorestown, N. J.
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila. 3
JOHN F. GUMMERE, *Secretary*.W. School Lane and Fox St., Phila. 44

Term Expires 1947

J. STOGDELL STOKES.....Summerdale, Phila., 24
M. ALBERT LINTON.....4601 Market St., Phila. 39
FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila. 2
EDWARD WOOLMAN.....Haverford, Pa.
THOMAS W. ELKINTON.....121 S. 3rd St., Phila. 6
MORRIS E. LEEDS.....4901 Stenton Ave., Phila., 44
HENRY C. EVANS.....635 Manatawna Ave., Phila. 28
WILLIAM M. MAIER.....Bailey Building, Phila. 7

Term Expires 1948

CHARLES J. RHOADS.....Ithan Rd., Bryn Mawr, Pa.
EDWARD W. EVANS.....304 Arch St., Phila., 6
WILLIAM A. BATTEY.....Liberty Trust Bldg., Phila. 7
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.
ALFRED BUSSELLE.....220 E. 36th St., New York, N. Y.
JOHN A. SILVER.....Tabor Rd. and E. Adams Ave. Phila. 20
WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.
WILMOT R. JONES.....Alapocas Drive, Wilmington, Del.

Term Expires 1949

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila. 7
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila. 2
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N. Y.
STANLEY R. YARNALL.....5337 Knox St., Phila. 44
WILLIAM W. COMFORT.....Haverford, Pa.
DR. HENRY M. THOMAS, JR.314 Overhill Rd., Baltimore 10, Md.
ALEXANDER C. WOOD, JR.....325 Chestnut St., Phila. 6
HAROLD EVANS.....1000 Provident Trust Bldg., Phila. 3

Alumni Representatives

J. COLVIN WRIGHT, *Term Expires 1947*..116 E. Penn St., Bedford, Pa.
PAUL V. R. MILLER, *Term Expires 1948*.1700 Girard Trust Bldg., Phila. 2
CHARLES S. RISTINE, *Term Expires 1948*.Fidelity-Phila.Trust Bldg., Phila. 9
W. NELSON WEST, III, *Term Expires 1949*..1411 Walnut St., Phila. 2

FACULTY REPRESENTATIVES

Term Expires 1947

RICHARD M. SUTTON

Term Expires 1948

HOWARD M. TEAF, JR.

Alternates, 1946-47: CLETUS O. OAKLEY and RALPH M. SARGENT

Officers

Chairman of Board
S. EMLEN STOKES

Secretary of Board
W. NELSON WEST, III

STANDING COMMITTEES OF THE BOARD OF MANAGERS OF
THE CORPORATION OF HAVERFORD COLLEGE

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

Executive Committee

S. EMLÉN STOKES, <i>Chairman</i>	THOMAS W. ELKINTON
J. HENRY SCATTERGOOD	PAUL V. R. MILLER ¹
JONATHAN M. STEERE	EDWARD W. EVANS
ALEXANDER C. WOOD JR. ¹	MORRIS E. LEEDS
FREDERIC C. SHARPLESS	W. NELSON WEST III
WILMOT R. JONES ²	JOHN F. GUMMERE ²
CHARLES S. RISTINE ²	J. STOGDELL STOKES ²

Committee on Finance and Investments

JONATHAN M. STEERE, <i>Chairman</i>	M. ALBERT LINTON
J. HENRY SCATTERGOOD	WILLIAM B. BELL ¹
ALEXANDER C. WOOD JR.	MORRIS E. LEEDS ²
WILLIAM M. MAIER ²	

Committee on College Property and Farm

HENRY C. EVANS, <i>Chairman</i>	EDWARD W. WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE ¹
THOMAS W. ELKINTON	WILLIAM M. MAIER ¹
WILLIAM A. BATTEY	OWEN B. RHOADS ¹
JOHN A. SILVER	FREDERIC H. STRAWBRIDGE ²
	PAUL V. I. MILLER ²

Committee on Honorary Degrees

HENRY M. THOMAS, *Chairman*

L. HOLLINGSWORTH WOOD ¹	STANLEY R. YARNALL
WILLIAM WISTAR COMFORT	FRANCIS R. TAYLOR
HAROLD EVANS ²	M. ALBERT LINTON

Library Committee

ALEXANDER C. WOOD¹, *Chairman*

WILLIAM WISTAR COMFORT	L. HOLLINGSWORTH WOOD
HAROLD EVANS ²	WILMOT R. JONES

Counsel

MACCOY, BRITAIN, EVANS, AND LEWIS
1632 Chestnut Street, Philadelphia

¹Term Expired: Tenth Month 1946

²Term Began: Tenth Month 1946

OFFICERS OF ADMINISTRATION

GILBERT F. WHITE

S.B., S.M., and Ph.D. University of Chicago

ARCHIBALD MACINTOSH

A.B., Haverford College; M.A., Columbia University
Vice President

GILBERT THOMAS HOAG

A.B., Haverford College; A.M. and Ph.D., Harvard University
Dean

ALDO CASELLI

D.S.E. and C., University of Naples
Comptroller

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., Harvard University
Librarian

SEATON SCHROEDER

B.S., University of Pennsylvania
Superintendent

HERBERT WILLIAM TAYLOR

A.B., Haverford College; M.D., University of Pennsylvania
Physician in Charge

LOUIS CRAIG GREEN*

A.B., A.M., and Ph.D., Princeton University
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., Stanford University; M.A., University of Michigan; Ph.D., Yale Univ.
Curator of the Quaker Collection

BENNETT SMEDLEY COOPER

B.S., Haverford College
Alumni Secretary and Assistant to the President

MRS. ETHEL ELIZABETH BEATTY

Dietician

AMY LYDIA POST

A.B., Earlham College
Assistant Librarian

MABEL SYLVIA BEARD

R.N., Lankenau Hospital
Resident Nurse

ALICE LOUELLA BERRY

Secretary to the President

GERTRUDE MANN WONSON

B.S., Simmons College

Admissions Office

* Absent on leave, 1945-46.

SUMMARY OF THE ACCOUNTS OF
THE CORPORATION OF HAVERFORD COLLEGE

J. HENRY SCATTERGOOD, TREASURER
ALDO CASELLI, COMPTROLLER

For the Year Ending Eighth Month 31, 1946

RECEIPTS

Income from Funds for General Purposes

General Endowment Fund	4,333.57
John Farnum Memorial Fund	1,684.34
John M. Whittall Fund	473.88
David Scull Fund	1,995.58
Edward L. Scull Fund	506.14
Wistar Morris Memorial Fund	229.11
Israel Franklin Whittall Fund	480.20
Jacob P. Jones Endowment Fund	57,960.20
John Farnum Brown Fund	12,287.93
Ellen Waln Fund	495.13
Clementine Cope Endowment Fund	957.28
Nathan Branson Hill Fund	136.79
Joseph E. Gillingham Fund	1,888.16
Henry Norris Fund	262.15
Elizabeth H. Farnum Fund	423.41
James R. Magee Fund	1,996.12
Albert K. Smiley Fund	66.81
Hinchman Astronomical Fund	1,759.93
W. D. and E. M. L. Scull Fund	7,774.51
Albin Garrett Memorial Fund	1,192.32
Arnold Chase Scattergood Memorial Fund	1,085.90
Francis B. Gummere Memorial Fund	5,592.57
Isaac Sharpless Memorial Fund	9,741.65
General Education Board Fund	5,615.17
William Penn Foundation	4,545.84
Walter Carrol Brinton Memorial Fund	629.13
Corporation Fund	3,563.46
Elizabeth J. Shortridge Fund	445.38
Howard Comfort Memorial Fund	223.90
Emma Ridgway Comly Fund	2,226.33
Ellen W. Longstreth Fund	4,751.38
Albert L. Baily Fund	222.69
Elizabeth B. Wistar Warner Fund	220.46
T. Allen Hilles Bequest	12,504.58
Leonard L. Greif & Roger L. Greif Fund	44.54
Edward M. Wistar Fund	111.34
Triangle Society Endowment Fund	61.15
Morris E. Leeds Fund	1,822.50
J. Henry Scattergood Fund	91.49
Forward	\$150,403.02

Forward		\$150,403.02
<u>Income from Fund for T. Wistar Brown</u>		
<u>Graduate School</u>		
Moses Brown Fund		15,924.74
<u>Income from Funds for Morris Infirmary</u>		
Infirmary Endowment Fund	429.94	
John W. Pinkham Fund	<u>225.34</u>	655.28
<u>Income from Fund for Haverford Union</u>		
Haverford Union Fund		83.68
<u>Income from Funds for Scholarships</u>		
Thomas P. Cope Fund	234.17	
Edward Yarnall Fund	270.31	
Isaiah V. Williamson Fund	882.62	
Richard T. Jones Scholarship Fund	225.19	
Mary M. Johnson Scholarship Fund	312.37	
Sarah Marshall Scholarship Fund	352.73	
Clementine Cope Fellowship Fund	1,017.50	
Isaac Thorne Johnson Scholarship Fund	381.83	
Caspar Wistar Memorial Fund	131.44	
J. Kennedy Moorhouse Scholarship Fund	229.63	
Louis Jaquette Palmer Scholarship Fund	222.69	
Paul W. Newhall Memorial Scholarship Fund	224.72	
Robert Martin Zuckert Memorial Scholarship Fund	846.51	
Samuel E. Hilles Scholarship Fund	223.46	
Class of 1913 Scholarship Fund	133.61	
Class of 1917 Scholarship Fund	171.61	
Daniel B. Smith Fund	231.11	
Sarah Tatum Hilles Memorial Scholarship Fund	3,491.42	
Elihu Grant Memorial Scholarship Fund	654.61	
Christian Febiger Scholarship Fund	<u>61.63</u>	10,299.16
<u>Income from Funds for Library</u>		
Alumni Library Fund	776.52	
Mary Farnum Brown Library Fund	3,019.51	
William H. Jenks Library Fund	222.69	
Mary Wistar Brown Williams Library Fund	904.41	
Anna Yarnall Fund	7,661.68	
F. B. Gummere Library Fund	28.30	
Edmund Morris Fergusson, Jr. Memorial Fund	44.64	
Class of 1888 Library Fund	290.02	
Class of 1918 Library Fund	<u>55.83</u>	13,003.60
<u>Income from Funds for Old Style Pensions</u>		
President Sharpless Fund	1,836.60	
William P. Henszey Fund	1,637.14	
Jacob P. Jones Benefit Fund	3,033.63	
Pliny Earle Chase Memorial Fund	145.74	
Haverford College Pension Plan	<u>4,990.03</u>	<u>11,643.14</u>
Forward		\$202,012.62

Forward \$202,012.62

Income from Funds for Special Purposes

Thomas Shipley Fund	233.73	
Elliston P. Morris Fund	50.18	
John B. Garrett Reading Prize Fund	101.20	
Special Endowment Fund	410.95	
Scholarship Improvement Prize Fund	102.30	
Elizabeth P. Smith Fund	77.68	
S. P. Lippincott History Prize Fund	113.43	
Francis Stokes Fund	228.05	
George Peirce Prize Fund	106.97	
Lyman Beecher Hall Prize Fund	95.98	
Newton Prize Fund	62.25	
Edward B. Conklin Athletic Fund	106.89	
Arboretum Fund	204.33	
William Ellis Scull Prize Fund	89.08	
Paul D. I. Maier Fund	44.54	
Strawbridge Observatory Maintenance Fund	171.00	
Jacob & Eugenie Bucky Memorial Foundation	132.59	
Mathematics Department Prize Fund	50.53	
William T. Elkinton Fund	115.16	
Tilney Memorial Fund	231.11	
Class of 1902 Latin Prize Fund	6.61	<u>2,734.56</u>

Income from the Funds for the College 204,747.18

Income from Special Trust

Augustus Taber Murray Research Scholarship Fund 1,139.48

Total from All Funds 205,886.66

Income from College Sources

Tuition (201 Students at beginning of year 280 Students at beginning of 2nd term)			
Cash	80,471.85		
From Scholarship Funds	11,505.05		
From Donations	<u>4,196.54</u>	96,173.44	
Board		58,178.87	
Rooms		28,921.60	
Re-examination fees		195.00	
Room and Board from Non-Students:			
Rents	5,440.00		
Rooms:			
Guests and Alumni and Faculty	1,509.75		
Employees	2,178.00		
Immigration & Naturalization			
Service	1,869.55		
American Red Cross	<u>438.00</u>	5,995.30	
Meals:			
Guests and Faculty	1,490.05		
Day Students	2,754.25		
Employees	5,502.00		
Immigration & Naturalization			
Services	<u>5,655.50</u>	<u>15,401.80</u>	<u>26,837.10</u>
Forward	210,305.81		<u>\$205,886.66</u>

Forward \$205,886.66

Income from College Sources (continued)

Forward	210,305.81	
Miscellaneous Collections:		
Fees & Fines	1,116.93	
Book Store	116.95	
Transcripts	531.35	
Sale of Materials	857.57	
Use of Land	816.25	
Admissions to Gym and use of Tennis Courts	157.85	
College Entrance Examination	42.00	
Facilities used by Immigration & Naturalization Service	<u>784.34</u>	<u>4,423.24</u>
		214,729.05

Donations applied:		
For Care of Cope Field	50.00	
For Government House	500.00	
For General Purposes	<u>35.00</u>	215,314.05

Immigration and Naturalization Service

Further Receipts from Government	825.00
--------------------------------------------	--------

Donations other than for Funds - General

For Concert	100.00	
For Class of 1922 Athletic Field	80.00	
For Field House	29.50	
For Books - Greek books	100.00	
Library Associates	578.00	
Minor Library Donations	28.39	
Matzkie Royalties	34.68	
Oriental Books	<u>100.00</u>	841.07
For Scholarships	1,820.00	
For Salaries from Alumni Association	3,139.93	
For Campus Club	263.34	
For Care of Cope Cricket Field	50.00	
For Physics Laboratory	10.72	
For Psychological Laboratory	<u>10.00</u>	20.72
For Radio Club - Interest added	63.12	
For Rain Damage	8.50	
For Travel Expense	4.50	
For Closing Account	51.34	
Class of 1934 Gift	85.00	
Unspecified Purpose	35.00	
For Alterations #1 College Lane	<u>370.00</u>	
		6,962.02

Alumni Sustaining Fund Donations	<u>30,286.20</u>	37,248.22
--------------------------------------------	------------------	-----------

Donations for Additions to Funds

Triangle Society Endowment Fund		
Proceeds of Policy on life of H. Conrad Atkinson '40 who was lost in the Pacific in 1942	<u>500.00</u>	
Forward	500.00	\$459,273.93

Forward \$459,273.93

Donations for Additions to Funds (continued)

Forward	500.00	
Robert Martin Zuckert Memorial Scholarship Fund - Donated	2,000.00	
Class of 1917 Scholarship Fund - Donated	425.00	
Elihu Grant Memorial Scholarship Fund Donated	1,000.00	
Christian Febiger Scholarship Fund (New) Donated	8,000.00	
Class of 1888 Library Fund - Donated	200.00	
Jacob & Eugenie Bucky Memorial Foundation Donated	1,000.00	
Tilney Memorial Fund - Donated	<u>3,000.00</u>	16,125.00

Additions to Funds -- Income Transferred
to Principal

Moses Brown Fund - Income capitalized	1,592.47	
Isaac Thorne Johnson Scholarship Fund Income capitalized	31.83	
George Peirce Prize Fund - Income capitalized	106.97	
Jacob & Eugenie Bucky Memorial Fund - Income capitalized	132.59	
Mathematics Department Prize Fund - Income capitalized	25.53	
Mary Farnum Brown Library Fund - Income capitalized	<u>42.69</u>	<u>1,932.08</u>

Total Additions to Funds 18,057.08

Miscellaneous Receipts

From Sale of Books - Supplementary income Elihu Grant Memorial Fund	80.00	
Interest on Current Funds Invested	2,220.55	
Library Replacement Account - Replacements	347.57	
Skating Pond Receipts	62.00	
Taxes Withheld	31,029.90	
Taxes Withheld - Pensions	2,875.20	
Advances to be refunded - Received on Account	37.50	
In and Out Receipts	5,439.82	
Work in Progress - Received	4,350.58	
Book Store - Collected from Students	3,409.03	
Store Account - Receipts	6,770.68	
Student Store Old Account - Received on Account	44.79	
Loan paid off	300.00	
Students Affairs Account for Commons Room	1,682.31	
Book Store on Campus - Collected from Students	1,089.61	
Accounts Receivable from Students - Collected	195,517.38	
Accounts Receivable from Students - Special - Deposits Collected	10,057.33	
Accounts Receivable from Employees - Collected	37,614.83	
Accounts Receivable from Government for Tuition - Collected	30,594.08	
Student Loan Fund - Repayment on Account	5,000.00	
Merion Title & Trust Co. - Final Liquidating Dividend	<u>607.12</u>	<u>339,130.28</u>

Forward \$816,461.29

Forward \$816,461.29

Items Relating to Other Fiscal Years

Advance Receipts for Following Year	2,930.07	
Room Rents paid for in advance	6,981.00	
Expenses for Following Years - Applied	11,251.77	
Insurance for Following Years - Applied	6,546.08	
Reserve for Language House Alterations - Applied	511.87	
Reserve for Kitchen Alterations - Applied	2,501.04	
Reserve for Merion Title & Trust Co. - Applied	<u>7,230.23</u>	37,952.06

Fire Insurance Collected - Barclay Hall Fire

Building	24,714.75	
Contents	465.50	
For Students' Property	<u>1,242.75</u>	26,423.00

Investments Realized

Consolidated Investments Account

Bonds - Government	27,429.62	
Municipal	20.00	
Industrial	7,343.93	
Public Utility	46,375.00	
Railroads	235,732.89	
Miscellaneous	<u>8,500.00</u>	325,401.44

Preferred Stocks -

Industrial	24,434.74	
Public Utility	<u>74,612.89</u>	99,047.63

Common Stocks -

Industrial	171,135.69	
Public Utility	4,004.62	
Miscellaneous	<u>1,098.94</u>	176,239.25

Mortgages 141,315.64

Real Estate -

Sold	154,175.38	
Sundry Receipts	<u>502.91</u>	154,678.29

Miscellaneous 4,934.35 901,616.60

John Farnum Memorial Fund 13,960.85

Nathan Branson Hill Fund

(First National Bank & Trust Co. of Minneapolis, Minn.)

Entered short \$2,086.75)

Ellen W. Longstreth Agency a/c 621.50

Ellen W. Longstreth - Mary Pearsall Agency a/c 512.32

Anna Yarnall Agency a/c 1,395.44

Augustus Taber Murray Research Scholarship Fund 18,107.64

C. Wharton Stork Art Gift Fund - Sale of Rights 822.50 937,036.85

Current Funds Invested - Realized

420,000.00

Money Borrowed Temporarily

460,000.00

Balances 9th Month 1, 1945:

In Treasurer's Account 176,679.03

In President's Account 12,149.61

188,828.64

\$2,886,701.84

EXPENDITURES

1945 - 1946

Expenses of Running the College

Administration

Salaries	44,805.36	
Supplies and Postage	2,900.85	
Services	287.55	
Telegraph and Telephone	718.43	
Replacements and Repairs	6.00	
Additional Equipment	226.85	
Insurance	84.82	
Traveling	884.75	
Public Relations	3,418.06	
Printing	3,915.51	
Entertainment	<u>2,226.31</u>	59,474.49
(14.452%)		

Educational Departments

Salaries	179,954.83	
Supplies and Postage	4,170.44	
Services	2,476.52	
Telegraph & Telephone	1,195.72	
Additional Equipment	7.50	
Insurance	1,277.32	
Traveling	1,789.65	
Miscellaneous	<u>585.84</u>	191,457.82
(46.525%)		

Maintenance and Operation

Wages	52,931.05	
Supplies and Postage	3,299.00	
Services	3,683.92	
Water, Heat, Light & Power	20,701.07	
Telegraph and Telephone	483.00	
Replacements and Repairs	1,212.22	
Additional Equipment	231.20	
Taxes	2,608.65	
Insurance	4,303.66	
Auto Maintenance & Operation	1,089.51	
Miscellaneous	<u>1,799.61</u>	92,342.89
(22.440%)		

Kitchen

Wages	18,821.69	
Provisions	43,262.09	
Services	1,075.78	
Water, Heat, Light & Power	3,957.95	
Telegraph and Telephone	179.05	
Replacements & Repairs	747.87	
Taxes	18.00	
Insurance	172.78	
Traveling	<u>5.00</u>	68,240.21
(16.583%)		411,515.41

Forward \$411,515.41

Forward \$411,515.41

Treasurer's and Secretary's Expenses

Auditors	500.00	
Clerical Help and Rent (in part)	3,750.00	
Stationery & Printing	215.93	
Machine Servicing	19.19	
Financial Publications	116.00	
Notary Fees	12.75	
Secretary's Typewriting and Expenses	<u>825.98</u>	5,439.85

Old Style Pensions	27,622.00	
Annuity	1,600.00	
Interest (net cost)	1,463.95	
Stork Art Gift - Shortage of income to meet interest charge	941.77	
Fifth 1/6 cost of Language House - Alterations written off	511.87	
Fifth 1/6 cost of Kitchen Alterations applied	<u>2,501.04</u>	

Cost of Running the College 451,595.89

Loss written off in former deposit a/c in
Merion Title and Trust Co. less recoveries 7,230.23

Immigration and Naturalization Service

Expense of Services 825.00

Accelerated Summer Term - 1945 (completed)

Charge cancelled	22.50	
Remaining balance distributed to Faculty	<u>2,095.56</u>	2,118.06

Expenditures from Income of Funds for
Scholarships and Fellowships

Jacob P. Jones Endowment Fund	2,594.00	
Moses Brown Fund	956.25	
Thomas P. Cope Fund	220.00	
Edward Yarnall Fund	225.00	
Isaiah V. Williamson Fund	600.00	
Mary M. Johnson Scholarship Fund	275.00	
Isaac Thorne Johnson Scholarship Fund	350.00	
Caspar Wistar Memorial Fund	87.00	
J. Kennedy Moorhouse Scholarship Fund	240.00	
Paul W. Newhall Memorial Scholarship Fund	375.00	
Robert Martin Zuckert Memorial Scholarship Fund	800.00	
Samuel E. Hilles Scholarship Fund	200.00	
Class of 1913 Scholarship Fund	125.00	
Class of 1917 Scholarship Fund	150.00	
Daniel B. Smith Fund	150.00	
Sarah Tatum Hilles Memorial Scholarship Fund	3,707.80	
Elihu Grant Memorial Scholarship Fund	450.00	
Clementine Cope Fellowship Fund (3 fellowships at Harvard)	<u>1,800.00</u>	<u>13,305.05</u>

Expenditures from Income of Special Trust

Augustus Taber Murray Research Scholarship Fund - Annuity	<u>980.00</u>	
------------------------------------------------------------------------	---------------	--

Forward 14,285.05 \$461,769.18

Forward 14,285.05 \$461,769.18

Expenditures from Income of Funds for Library

W. D. & E. M. L. Scull Fund - Books	227.95	
Mary Farnum Brown Library Fund		
Books - General & Christian		
Knowledge	2,952.82	
Lectures	<u>24.00</u>	2,976.82
William H. Jenks Library Fund - Books		127.55
Mary Wistar Brown Williams Library Fund		
Books		1,366.29
F. B. Gummere Library Fund - Books		39.60
Edmund Morris Fergusson Jr. Memorial Fund		
Books		55.56
Class of 1888 Library Fund - Books		746.75
Class of 1918 Library Fund		<u>156.67</u>
		5,697.19

Expenditures from Income for Special Purposes

Thomas Shipley Fund - Lecture	207.75	
Elliston P. Morris Fund - Books	22.63	
Special Endowment Fund -		
Religious Education Committee	200.00	
Friends Council on Education	25.00	
Student Service of America	100.00	
Ommen School - Holland	<u>50.00</u>	375.00
Scholarship Improvement Prize Fund - Prizes . .		95.00
Elizabeth P. Smith Fund - Prize		50.00
S. P. Lippincott History Prize Fund - Books . .		8.67
Lyman Beecher Hall Prize Fund - Prize		100.00
Newton Prize Fund - Books		5.32
William Ellis Scull Prize Fund - Prize		50.00
Paul D. I. Maier Fund - Prize		10.00
Strawbridge Observatory Maintenance Fund . . .		718.90
Mathematics Department Prize Fund - Prizes . .		25.00
William T. Elkinton Fund - International		
Relations Club	<u>90.40</u>	<u>1,758.67</u>
		21,740.91

Spent from Donations

For Music - from Gift of		
Carnegie Foundation	4,547.63	
For Art - from Gift of		
Carnegie Foundation	<u>755.36</u>	5,302.99
For Concert		100.00
For Books		480.13
For Poetry Prize - Class of 1910		25.00
For Scholarships applied		4,753.59
For Salaries applied		3,139.93
For Campus Club		41.10
For Chemistry Laboratory Equipment		288.75
For Electronic Equipment		478.47
For Engineering Equipment		100.50
For Kitchen Repairs		84.25
For Microfilms		383.31
For Haverford, Swarthmore, Bryn Mawr		
Programs		203.04
For Alterations - #1 College Lane		<u>370.00</u>

Forward 15,751.06 \$483,510.09

Forward \$483,510.09

Spent from Donations (continued)

Forward	15,751.06	
For Physics Laboratory	10.72	
For Rain Damage repaired	8.50	
For New Lighting Equipment - Roberts Hall	136.45	
For Travel Expense	4.50	
To Close Overdrawn Account	51.34	
For Equipment - Comptroller's Office from Morris E. Leeds stock gift	829.45	
For Bonds bought for Class of 1934 Gift	92.50	
For Cope Cricket Field applied	50.00	
For Government House applied	500.00	
For General Purposes applied	35.00	17,469.52

Spent from Triangle Society Gift

For Lectures on Government	1,000.00
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Spent from Bucky Foundation Gift

For Books	2.10
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Spent from Alumni Sustaining Fund

For Expenses of Alumni Association and Campaign	6,273.99	24,745.61
(Balance of \$24,012.21 used for College Current Expenses)		

Miscellaneous Expenditures

Library Replacements Accounts - Cost of Books	28.26	
Skating Pond Expenses	198.53	
Taxes Withheld paid to Government	31,816.20	
Taxes Withheld from Pensions paid to Government	2,893.50	
In and Out - Expenditures	1,327.10	
Work in Progress - spent	4,350.58	
Book Store Expenditures	3,409.03	
Store Account Costs	6,472.00	
Surplus Property of Government bought	1,643.74	
Book Store on Campus - costs	1,302.82	
Accounts Receivable from Students - charges	193,750.19	
Accounts Receivable from Students - Special - charges	10,349.52	
Accounts Receivable from Employees - charges	36,867.97	
Accounts Receivable from Government - charges	36,142.99	
Refund to Student drafted 1941-42	150.00	330,702.43

Items Relating to Other Fiscal Years

Advance Receipts for Following Year Applied	3,525.93	
Expenses for Following Year	16,794.07	
Insurance paid in Advance - new policies bought	3,786.52	24,106.52

New Construction

New Boilers in Power Plant (uncompleted)	12,662.85	
Extraordinary Repairs (uncompleted)	16,305.27	
Forward	28,968.12	\$863,064.65

Forward				\$863,064.65
<u>New Construction (continued)</u>				
Forward			28,968.12	
Barclay Hall Fire Account				
Contributions to Fire Companies	500.00			
Reinstatement of Insurance Policies	360.58			
Co-Insurance Penalty	141.39			
Costs of Repairing Damage (uncompleted) . . .	14,021.62			
Transfers of Insurance to				
Furniture a/c	391.55			
Library Replacements	73.95			
For Students a/c	<u>1,242.75</u>	<u>1,708.25</u>	<u>16,731.84</u>	45,699.96
<u>Investments Made or Donated</u>				
Consolidated Investments Account				
Bonds - Government 100,000.00				
Industrial	24,562.50			
Public Utility	52,580.71			
Railroad	<u>213,906.43</u>	391,049.64		
Preferred Stocks -				
Industrial	66,610.98			
Public Utility	177,665.07			
Railroad	<u>16,393.07</u>	260,669.12		
Common Stocks - Bank 42,181.01				
Industrial	178,436.28			
Public Utility	<u>57,742.92</u>	278,360.21		
Mortgages 48,750.00				
Real Estate <u>48.00</u> 978,876.97				
John Farnum Memorial Fund				19,335.58
Nathan Branson Hill Fund				
(First National Bank & Trust Co. of				
Minneapolis, Minn.)				
(Entered short - \$2,000.00)				
Ellen W. Longstreth - Mary Pearsall Agency a/c				
Anna Yarnall Agency a/c				
Augustus Taber Murray Research Scholarship Fund			<u>15,614.65</u>	1,013,827.20
Current Funds Invested				400,000.00
<u>Income Transferred to Principal</u>				
Moses Brown Fund		1,592.47		
Isaac Thorne Johnson Scholarship Fund		31.83		
George Peirce Prize Fund		106.97		
Jacob & Eugenie Bucky Memorial Foundation		132.59		
Mathematics Department Prize Fund		25.53		
Mary Farnum Brown Library Fund		<u>42.69</u>		1,932.08
<u>Borrowed Money</u>				
Repaid in full				460,000.00
<u>Balances 8th Month 31, 1946</u>				
In Treasurer's Account		89,043.66		
In President's Account		<u>13,134.29</u>		<u>102,177.95</u>
				<u>\$2,886,701.84</u>

OPERATING STATEMENT

For the Year Ending 8th Month 31, 1946

<u>Expenses of Running the College</u> from foregoing statement		\$451,595.89
<u>Income against the Budget</u> From College Sources		\$ 214,729.05
less Tuition provided by scholarships from Income of Funds (Included below)	\$11,505.05	
from Donations applied	4,753.59	
less Donations for Salaries Carnegie Foundation Gift for Music applied	2,500.00	
Triangle Society Gift	1,000.00	
Alumni Association's Gift applied	<u>3,139.93</u>	<u>22,898.57</u>
		191,830.48
<u>Income from Funds & Donations</u> (applicable to Operating Account after capitalizing and Special Purposes)		
Income from Funds		193,651.82
Donations as above for Scholarships	4,753.59	
for Salaries	6,639.93	
for care of Cope Field applied	50.00	
for Government House applied	500.00	
for General Purposes	35.00	
from Alumni Sustaining Fund (net)	<u>24,012.21</u>	35,990.73
From gains on Investments of Current Funds Invested	20,000.00	
Interest on same	<u>2,220.55</u>	22,220.55
Student Loan Fund - repaid		<u>5,000.00</u>
Receipts applicable to Operating Expenses		<u>448,693.58</u>
Operating Loss for the Year		\$ <u>2,902.31</u>

Note: - The Receipts and Expenditures of the Immigration and Naturalization Service, showing no gain or loss, are included in the above figures.
There was no Accelerated Summer Term in 1946.

STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1946

DEBT OF THE CORPORATION

Debt of the Corporation 9th Month 1, 1945		\$9,009.59
Increased -		
By refund tuition for student drafted 1941-42	150.00	
*By Operating Deficit 1945-46	2,902.31	
By Charge-off of Bank a/c - Merion Title & Trust, finally liquidated	<u>7,230.23</u>	
		<u>10,282.54</u>
Debt of the Corporation 8th Month 31, 1946		\$19,292.13

Lawrence E. Brown & Company

ESTABLISHED 1882

Certified Public Accountants

PENNSYLVANIA

ADDISON R. BROWN
JOHN H. HAIRE
W. EDWIN DILL
ROBERT W. JOHNSTON

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

October 14, 1946.

Board of Managers,
The Corporation of Haverford College,
Haverford, Pennsylvania.

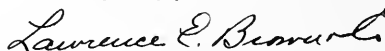
Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1946, and the statement of debt of the corporation as of said date 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, 1946 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company as fiscal agent 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, 1946, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,



Lawrence E. Brown & Company
Certified Public Accountants

REPORT ON THE FUNDS

Principal

Income

	Principal		Income		Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
	Book Value Sept. 1, 1945	Increased Decreased	Book Value Aug. 31, 1946	Decreased Increased					
<u>Funds for General Purposes</u>									
General Endowment Fund.....	93,753.86		93,753.86			4,333.57	4,333.57		
John Farnum Memorial Fund.....	34,689.85	355.55	34,481.17	564.23		1,684.34	1,684.34		
John M. Whitall Fund.....	10,252.18		10,252.18			473.88	473.88		
David Scull Fund.....	43,173.04		43,173.04			1,995.58	1,995.58		
Edward L. Scull.....	10,950.03		10,950.03			506.14	506.14		
Wistar Morris Memorial Fund.....	4,956.69		4,956.69			229.11	229.11		
Israel Franklin Whitall Fund.....	10,388.86		10,388.86			480.20	480.20		
Jacob P. Jones Endowment Fund.....	1,253,930.25		1,253,930.25			57,960.20	55,366.20	2,594.00 ¹	
John Farnum Brown Memorial Fund.....	265,841.10		265,841.10			12,287.93	12,287.93		
Ellen Waln Fund.....	10,711.80		10,711.80			495.13	495.13		
Clementine Cope Endowment Fund.....	20,710.06		20,710.06			957.28	957.28		
Nathan Branson Hill Fund.....	5,134.16	74.75	5,208.91			136.79	136.79		
Joseph E. Gillingham Fund.....	40,849.10		40,849.10			1,888.16	1,888.16		
Henry Norris Fund.....	5,671.42		5,671.42			262.15	262.15		
Elizabeth H. Farnum Fund.....	9,160.24		9,160.24			423.41	423.41		
James R. Magee Fund.....	43,184.70		43,184.70			1,996.12	1,996.12		
Albert K. Smiley Fund.....	1,445.31		1,445.31			66.81	66.81		
Hinchman Astronomical Fund.....	38,074.84		38,074.84			1,759.93	1,759.93		
Wm. D. & E.M.L. Scull Fund.....	168,196.24		168,196.24		500.00	7,774.51	7,774.51	227.95 ²	
Albin Garrett Memorial Fund.....	25,795.00		25,795.00			1,192.32	1,192.32		
Arnold Chase Scattergood Fund.....	23,492.69		23,492.69			1,085.90	1,085.90		
Francis B. Gummer Memorial Fund.....	120,991.54		120,991.54			5,592.57	5,592.57		
Isaac Sharpless Memorial Fund.....	210,754.11		210,754.11			9,741.65	9,741.65		
General Education Fund.....	121,480.36		121,480.36			5,615.17	5,615.17		
William Penn Foundation.....	98,346.29		98,346.29			4,545.84	4,545.84		
Walter Carroll Brinton Memorial Fund.....	13,610.80		13,610.80			629.13	629.13		
Corporation Fund.....	77,093.02		77,093.02			3,563.46	3,563.46		
Elizabeth J. Shortridge Fund.....	9,635.43		9,635.43			445.38	445.38		
Howard Comfort Memorial Fund.....	4,844.02		4,844.02			223.90	223.90		
Erma Ridgway Comly Fund.....	48,165.07		48,165.07			2,226.33	2,226.33		
Ellen W. Longstreth Fund.....	101,712.86	1,133.82	102,846.68			4,751.38	4,751.38		
In Consolidated a/c.....	14.04	607.46		621.50					
E.W. Longstreth Agency a/c.....		1.53		872.39					
Mary Pearsall Agency a/c.....	1,459.34								
Forward.....	2,928,468.30	2,173.11	2,928,583.29	2,058.12	500.00	135,324.27	132,730.27	2,821.95	272.05

REPORT ON THE FUNDS (Continued)

	Principal			Income			Balance Aug. 31, 1946
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Net Income	Expended		Special
Funds for General Purposes (continued)							
Forward.....	2,928,468.30	2,173.11	2,058.12	2,928,583.29	135,324.27	132,730.27	2,821.95
T. Allen Hilles Bequest.....	270,528.30			270,528.30	12,504.58	12,504.58	
Leonard L. Greif, Jr. & Roger L. Greif Fund.....	963.54			963.54	44.54	44.54	
Albert L. Bailly Fund.....	4,817.71			4,817.71	222.69	222.69	
Elizabeth B. Wistar Warner Fund.....	4,769.54			4,769.54	220.46	220.46	
Edward M. Wistar Fund.....	2,408.86			2,408.86	111.34	111.34	
Triangle Society Endowment Fund.....	39,428.52	500.00		500.00	61.15	61.15	
Morris E. Leeds Fund.....	1,979.41			1,979.41	1,822.50	1,822.50	
J. Henry Scattergood Fund.....	3,253,364.18			3,253,979.17	91.49	91.49	
Funds for Wistar Brown Graduate School							
Moses Brown Fund.....	344,521.04	1,592.47		346,113.51	15,924.74	13,376.02	955.95 ¹ 1,858.47 ³
Funds for Morris Infirmary							
Infirmary Endowment Fund.....	9,301.50			9,301.50	429.94	429.94	
John W. Pinkham Fund.....	4,875.05			4,875.05	225.34	225.34	
	14,176.55			14,176.55			
Funds for Haverford Union							
Haverford Union Fund.....	1,810.33			1,810.33	83.68	83.68	
Funds for Scholarships							
Thomas P. Cope Fund.....	5,066.13			5,066.13	89.17	234.17	220.00 ¹
Edward Yarnall Fund.....	5,847.96			5,847.96	270.31	270.31	225.00 ¹
Isaiah V. Williamson Fund.....	19,094.90			19,094.90	882.62	882.62	600.00 ¹
Richard T. Jones Scholarship Fund.....	4,871.92			4,871.92	76.77	225.19	301.96
Mary W. Johnson Scholarship Fund.....	6,757.92			6,757.92	98.83	312.37	275.00 ¹
Sarah Marshall Scholarship Fund.....	7,631.02			7,631.02	106.15	352.73	136.20
Clementine Cope Fellowship Fund.....	22,012.96			22,012.96	3,749.89	1,017.50	1,800.00 ¹
Forward.....	71,282.81	4,265.58	2,058.12	71,282.81	4,975.07	170,361.61	161,924.00
						8,490.67	4,922.01

REPORT ON THE FUNDS (Continued)

	Principal			Income			Balance Aug. 31, 1946
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Net Income	Expended		Special
Funds for Scholarships (continued)							
Forward.....	71,282.81	4,265.58	2,058.12	71,282.81	170,361.61	161,924.00	8,490.67 ¹
Isaac Thorne Johnson Scholarship Fund.....	8,260.53	31.83		8,292.36	381.83		390.83
Caspar Wistar Memorial Fund.....	2,843.61			2,843.61	131.44		87.00 ¹
J. Kennedy Moorhouse Scholarship Fund.....	4,967.88			4,967.88	106.70		240.00 ¹
Louis Jaquette Palmer Scholarship Fund.....	4,817.71			4,817.71	229.63		
Paul W. Newhall Memorial Scholarship Fund..	4,861.65			4,861.65	222.69		
Robert Martin Zuckert Memorial Scholarship Fund.....	16,813.65	2,000.00		18,813.65	224.72		375.00 ¹
Samuel E. Hillis Scholarship Fund.....	4,834.39			4,834.39	846.51		800.00 ¹
Class of 1913 Scholarship Fund.....	2,890.62			2,890.62	222.46		200.00 ¹
Class of 1917 Scholarship Fund.....	3,514.85	425.00		3,939.85	133.61		125.00 ¹
Daniel B. Smith Fund.....	5,000.00			5,000.00	171.61		150.00 ¹
Sarah Tatam Hillis Memorial Scholarship Fund	75,534.58			75,534.58	231.11		150.00 ¹
Elihu Grant Memorial Scholarship Fund.....	14,078.73	1,000.00		15,078.73	3,491.42		3,707.80 ¹
Christian Febegeer Scholarship Fund.....		8,000.00		8,000.00	734.61		450.00 ¹
	219,701.01			231,157.84	61.63		533.30
Augustus Taber Murray Research Scholar- ship Fund.....	21,822.15	1,165.24	905.10	22,082.29	1,139.48		980.00 ⁴
	241,523.16			253,240.13			
Funds for the Library							
Alumni Library Fund.....	16,799.42			16,799.42	776.52	776.52	2,952.82 ²
Mary Farnum Brown Library Fund.....	65,324.99	42.69		65,367.68	3,019.51		21,903
William H. Jenks Library Fund.....	4,817.71			4,817.71	426.90		127.52
Mary Wistar Brown Williams Library Fund..	19,566.40			19,566.40	2,521.89		1,366.29 ²
Anna Yarnall Fund.....	165,446.90	1,395.44		166,842.34	904.41		
In Consolidated a/c.....	1,818.16		1,818.16	0	7,661.68	7,661.68	
Agency a/c.....							
Forward.....	273,773.58	18,325.78	4,781.38	273,393.55	191,170.17	170,362.20	20,650.65
							13,564.68

REPORT ON THE FUNDS (Continued)

	Principal			Income			Balance Aug. 31, 1946		
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Balance Sept. 1, 1945	Net Income		Expended	Special
<u>Funds for Library (continued)</u>									
Forward.....	273,773.58	18,325.78	4,781.38	273,393.55	13,407.36	191,170.17	170,362.20	20,650.65	13,564.68
F. P. Gamere Library Fund.....	612.30			612.30	29.94	28.30	29.94	39.60	18.64
Edmund Morris Ferguson, Jr. Memorial Fund..	965.80			965.80	22.00	44.64		55.56	11.08
Class of 1888 Library Fund.....	6,141.02	200.00		6,341.02	528.88	290.02		746.75	72.15
Class of 1918 Library Fund.....	1,207.83			1,207.83	116.09	55.83		156.67	15.25
	282,700.53			282,520.50					
<u>Funds for Old Style Pensions</u>									
President Sharpless Fund.....	39,733.67			39,733.67		1,836.60	1,836.60		
William P. Hensey Fund.....	35,418.53			35,418.53		1,637.14	1,637.14		
Jacob P. Jones Benefit Fund.....	65,630.50			65,630.50		3,033.63	3,033.63		
Pliny Earle Chase Memorial Fund.....	3,152.93			3,152.93		145.74	145.74		
Haverford College Pension Fund.....	107,955.98			107,955.98		4,990.03	4,990.03		
	251,891.61			251,891.61					
<u>Funds for Special Purposes</u>									
Thomas Shipley Fund.....	5,056.68			5,056.68	932.62	233.73		287.75	958.60
Elliston P. Morris Fund.....	1,085.68			1,085.68	102.71	50.18		22.63	130.26
John B. Garrett Reading Prize Fund.....	2,189.40			2,189.40	471.08	101.20		50.00	572.28
Special Endowment Fund.....	8,890.67			8,890.67	1,538.68	410.95		208.00	1,574.63
								100.00	
Scholarship Improvement Prize Fund.....	2,213.14			2,213.14	117.41	102.30		95.00	124.71
Elizabeth P. Smith Fund.....	1,680.48			1,680.48	309.78	77.68		50.00	337.46
S. P. Lippincott History Prize Fund.....	2,454.02			2,454.02	209.23	113.43		8.67	313.99
Francis Stokes Fund.....	4,933.65			4,933.63	1,095.44	228.05			1,323.49
George Peirce Prize Fund.....	2,314.35	106.97		2,421.30		108.97		106.97	
Lyman Beecher Hall Prize Fund.....	2,076.43			2,076.43	397.10	95.98		100.00	393.08
Newton Prize Fund.....	1,346.79			1,346.79	109.72	62.25		5.32	106.65
Edward B. Conklin Athletic Fund.....	2,312.51			2,312.51		106.89			
Forward.....	36,553.76	18,632.75	4,781.38	36,660.73	19,388.04	204,921.71	182,112.23	22,620.57	19,576.95

REPORT ON THE FUNDS (Continued)

	Principal			Income					
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
Funds for Special Purposes (continued)									
Forward.....	36,553.76	18,632.75		36,660.73	19,388.04	204,921.71	182,112.23	22,620.57	19,576.95
Arboretum Fund.....	4,420.49			4,420.49	962.78	204.33			1,167.11
William Ellis Scull Prize Fund.....	1,927.09			1,927.09	234.99	89.08			274.07
Paul D. I. Maier Fund.....	963.54			963.54		44.54	34.54	50.00 ¹⁰	
Strawbridge Observatory Maintenance Fund.....	3,699.55			3,699.55	467.81	171.00	718.90	10.00 ¹⁰	
Jacob Eugene Bucky Memorial Foundation.....	2,201.86	1,132.59		3,334.45		132.59			Dr: 80.09
Mathematics Department Prize Fund.....	1,093.29	25.53		1,118.82		50.53		25.00 ¹⁰	25.53
William T. Elkinton Fund.....	2,491.50			2,491.50	105.66	115.16	90.40		130.42
Tilney Memorial Fund.....	2,000.00	3,000.00		5,000.00	67.39	231.11			298.50
Class of 1902 Latin Prize Fund.....	142.90			142.90	33.52	6.61			40.13
	<u>55,493.98</u>			<u>59,759.07</u>					
	<u>\$4,445,481.38</u>	<u>\$22,790.87</u>	<u>\$4,781.38</u>	<u>\$4,463,490.87</u>	<u>\$21,260.19</u>	<u>\$205,966.66</u>	<u>\$183,088.66</u>	<u>\$22,731.10</u>	<u>\$21,407.09</u>

- 1 Scholarships
- 2 Books
- 3 Income Transferred to Capital
- 4 Annuity
- 5 Lecture
- 6 Ommen School - Holland
- 7 Religious Educational Committee
- 8 Friends Council on Education
- 9 Student Service of America
- 10 Prizes

SUMMARY OF THE FUNDS

	Book Value September 1, 1945	Increased	Decreased	Book Value September 1, 1946
Funds for General Purposes.....	\$3,253,364.18	\$ 2,673.11	\$ 2,058.12	\$3,253,979.17
Fund for T. Wistar Brown Graduate Scholarship.....	344,521.04	1,592.47		346,113.51
Funds for Morris Infirmary.....	14,176.55			14,176.55
Funds for Haverford Union.....	1,810.33			1,810.33
Funds for Scholarships.....	241,523.16	12,622.07	905.10	253,240.13
Funds for Library.....	282,700.53	1,638.13	1,818.16	283,520.50
Funds for Old Style Pensions.....	251,891.61			251,891.61
Funds for Special Purposes.....	55,493.98	4,265.09		59,759.07
Plus undistributed gain in Consolidated Investments a/c.....	4,445,481.38	22,790.87	4,781.38	4,463,490.87
Total of ALL Funds.....	<u>\$4,499,646.71</u>	<u>\$22,790.87</u>	<u>\$ 4,781.38</u>	<u>\$4,553,457.49</u>

SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

Consolidated Account.....	\$4,434,709.01	\$141,813.68	\$85,426.05	\$4,491,096.64
Non-Consolidated Accounts:				
John Farnum Memorial Fund.....	34,689.85	355.55	564.23	34,481.17
Nathan Branson Hill Fund (In care of First National Bank & Trust Co., Minneapolis, Minnesota).....	5,134.16	74.75		5,208.91
Ellen W. Longstreth Fund -- Harry Pearsall et al Agency a/c.....	1,459.34	1.53	872.39	588.46
Ellen W. Longstreth Fund -- Ellen W. Longstreth Agency a/c.....	14.04	607.46	631.50	0
Augustus Taber Murray Research Scholarship Fund.....	21,822.15	1,165.24	905.10	22,082.29
Anna Farnall Fund -- Anna Farnall Agency a/c (Girard Trust Co., Agent).....	1,818.16		1,818.16	
	<u>\$4,499,646.71</u>	<u>\$144,018.21</u>	<u>\$90,207.43</u>	<u>\$4,553,457.49</u>

The Book Value increased \$53,810.78 as follows:

Donations for Additions to Funds.....	\$16,125.00
Income Transferred to Principal.....	1,932.08
Gain on Securities Sold.....	115,295.74
Gain on Securities Called.....	4,980.20
Gain on Securities Matured.....	60.00
Gain on Securities Liquidated.....	220.84
Gain on Real Estate Sold.....	2,866.61
Gain on Mortgages Liquidated.....	6.95
LESS:	
Loss on Securities Sold.....	8,735.41
Loss on Securities Called.....	2,526.09
Loss on Securities Liquidated.....	2,780.00
Loss on Securities Matured.....	220.00
Loss on Real Estate Sold.....	23,929.16
Loss on Mortgages Liquidated.....	49,685.98
	<u>\$141,487.42</u>

\$ 53,810.78

DONATIONS FOR ADDITIONS TO FUNDS

1945 - 1946

TRIANGLE SOCIETY ENDOWMENT FUND

Proceeds of Policy on life of
H. Conrad Atkinson, '40, who was
lost in Pacific Area during War \$500.00

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

From -- Harry M. Zuckert 2,000.00

CLASS OF 1917 SCHOLARSHIP FUND

Through -- Dr. John W. Spaeth, Jr.

From: H. E. McKinstry	20.00	
Donald Chandler	100.00	
Edmund T. Price	100.00	
Robert B. Haines, 3rd	25.00	
Joseph Greene, Jr.	100.00	
M. Alexander Lavery	10.00	
John W. Spaeth, Jr.	15.00	
Albert W. Hall	20.00	
H. Lawrence Jones	10.00	
Newlin F. Paxson	<u>25.00</u>	425.00

ELIHU GRANT MEMORIAL FUND

From -- Mrs. Almy C. Grant 1,000.00

CHRISTIAN FEBIGER SCHOLARSHIP FUND (New)

From -- Mrs. Madeline Seabury Febiger 8,000.00

CLASS OF 1888 LIBRARY FUND

From -- Mr. Joseph W. Sharp, Jr. 200.00

JACOB & EUGENIE BUCKY MEMORIAL FOUNDATION

From -- Colonial Trust Company, New York

Through - Robert C. Thomson, Jr. 1,000.00

TILNEY MEMORIAL FUND

Through -- I. Sheldon Tilney

From: Georgiana S. Kirkbride	1,000.00	
Robert W. Tilney	<u>2,000.00</u>	<u>3,000.00</u>

\$16,125.00

Forward		\$6,010.50
<u>FOR CAMPUS CLUB (continued)</u>		
Forward	132.34	
Mr. John C. Lober	5.00	
Mr. and Mrs. Wm. B. Meldrum	2.00	
Mr. C. C. Morris	10.00	
Mr. Marriott C. Morris	2.00	
Mr. John W. Muir	1.00	
Mr. George Norris	1.00	
Dr. Thomas Parke	5.00	
Mr. and Mrs. Harry Pfund	2.00	
Mr. and Mrs. L. A. Post	2.00	
Mr. and Mrs. G. Ruhland Rebmman	10.00	
Mr. and Mrs. R. M. Sargent	5.00	
Mr. A. G. Scattergood	10.00	
Mr. J. Henry Scattergood	5.00	
Mr. Jonathan M. Steere	10.00	
Mr. and Mrs. Howard Teaf	10.00	
Mr. and Mrs. Louis W. Van Meter	5.00	
Mrs. E. O. Warner	1.00	
Mr. and Mrs. Albert H. Wilson	10.00	
Mr. and Mrs. Edward Woolman	10.00	
Sale of trees	<u>25.00</u>	263.34
<u>FOR CARE OF COPE FIELD</u>		
From Alfred G. Scattergood, Trustee		50.00
<u>FOR #1 COLLEGE LANE IMPROVEMENTS</u>		
From Dr. Herndon		370.00
<u>FOR PSYCHOLOGY DEPARTMENT</u>		
From Dr. Pepinsky		10.00
<u>FOR PHYSICS LABORATORY</u>		
From Dr. Sutton		10.72
<u>FOR RADIO CLUB</u>		
Interest Allowed		63.12
<u>RAIN DAMAGE - MERION HALL</u>		
From A. Caselli		8.50
<u>TRAVELING EXPENSE</u>		
From Dr. Oakley		4.50
<u>UNSPECIFIED</u>		
From Rev. A. Fifer	35.00	
A. Caselli	51.34	
Class of 1934	<u>85.00</u>	171.34
<u>ALUMNI SUSTAINING FUND</u>		
As per following list of contributors		<u>30,286.20</u>
		<u>\$37,248.22</u>

CONTRIBUTORS TO THE "ALUMNI FUND"

<u>The Class of 1881</u>		
L. T. Edwards	\$10.00	\$10.00
<u>The Class of 1882</u>		
J. Henley Morgan	1.00	
Edward Randolph	10.00	
Lindley M. Winston	<u>5.00</u>	16.00
<u>The Class of 1883</u>		
William L. Baily	5.00	
Stephen W. Collins	5.00	
Charles H. Whitney	<u>5.00</u>	15.00
<u>The Class of 1884</u>		
J. Henry Allen	<u>2.00</u>	2.00
<u>The Class of 1885</u>		
William T. Ferris	25.00	
Arthur W. Jones	10.00	
Rufus M. Jones	20.00	
Marriott C. Morris	<u>25.00</u>	80.00
<u>The Class of 1887</u>		
Edward F. Chillman	8.00	
Allen B. Clement	10.00	
Alfred C. Garrett	200.00	
Henry H. Goddard	10.00	
Willis H. Hazard	25.00	
Frederic H. Strawbridge	<u>125.00</u>	378.00
<u>The Class of 1888</u>		
Henry V. Gummere	10.00	
Morris E. Leeds	1,000.00	
William D. Lewis	10.00	
Joseph W. Sharp, Jr.	<u>20.00</u>	1,040.00
<u>The Class of 1889</u>		
Thomas Evans	100.00	
Lawrence J. Morris	50.00	
Warner Fite	10.00	
Franklin B. Kirkbride	10.00	
Charles M. Shupert	5.00	
J. Stoddell Stokes	25.00	
Frank E. Thompson	<u>10.00</u>	210.00
<u>The Class of 1890</u>		
George T. Butler	25.00	
Charles T. Cottrell	25.00	
Guy H. Davies	50.00	
Thomas S. Janney	10.00	
Jonathan M. Steere	100.00	
Robert R. Tatnall	<u>5.00</u>	215.00
<u>The Class of 1891</u>		
Carey Coale	5.00	
David L. Mekeel	5.00	
Henry A. Todd	<u>5.00</u>	15.00
Forward		\$1,981.00

Forward		\$1,981.00
<u>The Class of 1892</u>		
Augustine W. Blair	2.50	
Benjamin Cadbury	10.00	
Walter M. Hart	10.00	
Arthur Hoopes	15.00	
John W. Muir	10.00	
W. Nelson L. West	<u>100.00</u>	147.50
<u>The Class of 1893</u>		
Leslie A. Baily	5.00	
Walter W. Haviland	3.00	
Clarence G. Hoag	20.00	
A. V. Morton	10.00	
Charles J. Rhoads	100.00	
Barton Sensenig	10.00	
Edward Woolman	100.00	
Gifford K. Wright	<u>25.00</u>	273.00
<u>The Class of 1894</u>		
J. Henry Bartlett	10.00	
Alfred Busselle	10.00	
William W. Comfort	25.00	
Henry S. Conard	5.00	
George B. Dean	5.00	
Clifford B. Farr	5.00	
Martin N. Miller	10.00	
Edward E. Quimby	10.00	
Frederick P. Ristine	100.00	
Jonathan T. Rorer	<u>5.00</u>	185.00
<u>The Class of 1895</u>		
Frank H. Conklin	25.00	
Allen C. Thomas	<u>50.00</u>	75.00
<u>The Class of 1896</u>		
George R. Allen	25.00	
William H. Bettle	10.00	
Arthur F. Coca	10.00	
Thomas H. Haines	10.00	
Albert D. Hartley	1.00	
William W. Hastings	10.00	
John A. Lester	5.00	
J. Henry Scattergood	250.00	
L. Hollingsworth Wood	<u>25.00</u>	346.00
<u>The Class of 1897</u>		
Thomas M. Chalfant	75.00	
Alfred M. Collins	100.00	
Charles H. Howson	25.00	
John E. Hume	10.00	
Roswell C. McCrea	20.00	
William G. Rhoads	<u>10.00</u>	240.00
<u>The Class of 1898</u>		
C. Herbert Bell	10.00	
Vincent Gilpin	25.00	
John I. Lane	10.00	
Morris M. Lee	<u>10.00</u>	
Forward	55.00	\$3,247.50

Forward \$3,247.50

The Class of 1898 (continued)

Forward	55.00	
Oscar P. Moffitt	10.00	
S. Rowland Morgan	2.00	
Alfred G. Scattergood	100.00	
Francis R. Strawbridge	100.00	
Fred A. Swan	10.00	
Robert N. Wilson	10.00	
Thomas Wistar	50.00	
Richard D. Wood	<u>10.00</u>	347.00

The Class of 1899

William A. Battey	100.00	
John D. Carter	5.00	
F. Algernon Evans	500.00	
Edward H. Lycett, Jr.	10.00	
Joseph P. Morris	10.00	
H. C. Petty	5.00	
E. Roberts Richie	100.00	
Clement Wild	<u>10.00</u>	740.00

The Class of 1900

W. B. Bell	25.00	
Robert J. Burdette	10.00	
Francis R. Cope, Jr.	25.00	
Henry S. Drinker	100.00	
Frank M. Eshleman	10.00	
Henry M. Hallett	10.00	
Walter S. Hinchman	10.00	
Furman S. Howson	25.00	
J. Irving Peelle	10.00	
F. C. Sharpless	100.00	
Abram G. Tatnall	5.00	
Wilfred W. White	<u>25.00</u>	355.00

The Class of 1901

John W. Cadbury, Jr.	5.00	
William E. Cadbury	20.00	
Laurence W. DeMotte	10.00	
Lovett Dewees	20.00	
William H. Kirkbride	10.00	
Herbert S. Langfeld	10.00	
W. LaCoste Neilson	<u>10.00</u>	85.00

The Class of 1902

Edgar H. Boles	100.00	
Charles Evans	10.00	
Edward W. Evans	50.00	
Richard M. Gummere	5.00	
S. Percy Jones	10.00	
William C. Longstreth	10.00	
Galloway C. Morris	5.00	
Gurney E. Newlin	10.00	
William P. Philips	2,500.00	
J. W. Reeder	100.00	
Robert J. Ross	30.00	
John L. Stone	10.00	
Edgar E. Trout	10.00	
Alexander C. Wood, Jr.	<u>50.00</u>	2,900.00

Forward \$7,674.50

Forward		\$7,874.50
<u>The Class of 1903</u>		
A. Griffin Dean	10.00	
Harry A. Domicovich	15.00	
James B. Drinker	10.00	
U. Mercur Eshleman	10.00	
Enoch F. Hoffman	5.00	
Cadwalader W. Kelsey	25.00	
Arthur J. Phillips	25.00	
I. Sheldon Tilney	15.00	
Howard M. Trueblood	<u>10.00</u>	125.00
<u>The Class of 1904</u>		
William S. Bradley	5.00	
Arthur Crowell	25.00	
Phillip D. Folwell	50.00	
George K. Helbert	25.00	
William M. Kimber	10.00	
Bernard Lester	10.00	
C. C. Morris	500.00	
Harold H. Morris	25.00	
Charles R. Owen	25.00	
Edgar T. Snipes	10.00	
Samuel C. Withers	15.00	
William M. Wills	<u>5.00</u>	705.00
<u>The Class of 1905</u>		
Thomas M. Bales	5.00	
Sydney M. Boher	20.00	
Henry G. Cox	5.00	
Benjamin Eshleman	25.00	
Arthur H. Hopkins	15.00	
Paul Jones	100.00	
Charles S. Lee	10.00	
Joseph H. Morris	10.00	
E. Converse Peirce	10.00	
Glyndon Priestman	10.00	
Charles Ritts	25.00	
Leslie B. Seely	25.00	
Sigmund Spaeth	10.00	
Herman K. Stein	50.00	
Howard P. Thomas	10.00	
Ralph W. Trueblood	10.00	
Edwards F. Winslow	<u>5.00</u>	345.00
<u>The Class of 1906</u>		
Thomas Crowell	10.00	
Gordon H. Graves	7.00	
Albert W. Hemphill	25.00	
H. Boardman Hopper	25.00	
James Monroe	50.00	
Francis B. Morris	5.00	
Henry Pleasants, Jr.	10.00	
Albert K. Smiley	50.00	
John A. Stratton	10.00	
Francis R. Taylor	150.00	
Joseph J. Tunney	50.00	
W. A. Young	<u>5.00</u>	397.00
Forward		\$9,246.50

Forward		\$9,246.50
<u>The Class of 1907</u>		
Joseph C. Birdsall	2,000.00	
Harold Evans	250.00	
Samuel J. Gummere	10.00	
Ernest F. Jones	3.00	
James P. Magill	114.41	
William R. Rossmassler	10.00	
Emmett R. Tatnall	10.00	
Alex N. Warner	10.00	
W. Butler Windle	5.00	
George H. Wood	<u>10.00</u>	2,422.41
<u>The Class of 1908</u>		
Fisher C. Baily	5.00	
Howard Burt	15.00	
Dudley D. Carroll	5.00	
J. Browning Clement	10.00	
E. A. Edwards	25.00	
J. Passmore Elkinton	5.00	
J. Jarden Guenther	10.00	
Thomas R. Hill	10.00	
Walter E. Lewis	5.00	
George K. Strode	5.00	
M. Albert Linton	50.00	
T. Morris Longstreth	10.00	
Charles L. Miller	15.00	
William H. Morriss	25.00	
Charles H. Rogers	10.00	
Winthrop Sargent	10.00	
Hugh Smiley	5.00	
Edwin Wright	<u>5.00</u>	225.00
<u>The Class of 1909</u>		
R. Newton Brey	10.00	
Percival B. Fay	10.00	
William S. Febiger	100.00	
Allan J. Hill	50.00	
Howard M. Lutz	1.00	
Paul Van R. Miller	50.00	
Joseph W. Pennypacker	25.00	
J. Warrington Stokes	10.00	
Frederick R. Taylor	<u>10.00</u>	266.00
<u>The Class of 1910</u>		
E. Page Allinson	50.00	
Earl S. Cadbury	1.00	
Edward W. David	25.00	
Joseph C. Develin	10.00	
E. Nelson Edwards	50.00	
Rodney M. Eshleman	5.00	
Carroll A. Haines	10.00	
Harrison S. Hires	1,000.00	
Arthur W. Hutton	10.00	
John D. Kenderdine	5.00	
George A. Kerbaugh	10.00	
Charles M. Leininger	200.00	
Sidney Loewenstein	10.00	
Industrial Hosiery Mills, Inc., (via C. M. Leininger)	<u>600.00</u>	
Forward	1,986.00	\$12,159.91

Forward		\$12,159.91
<u>The Class of 1910 (continued)</u>		
Forward	1,986.00	
Christopher Morley	50.00	
Reginald H. Morris	10.00	
Walter Palmer	20.00	
Samuel A. Rabinowitz	5.00	
Charles S. Ristine	100.00	
Perry B. Strassburger	5.00	
Willard Tomlinson	<u>15.00</u>	2,191.00
<u>The Class of 1911</u>		
Daniel B. Boyer	25.00	
John S. Bradway	10.00	
Phillip B. Deane	50.00	
John S. Downing	25.00	
Herbert V. B. Gallagher	10.00	
William D. Hartshorne	10.00	
David Hinshaw	25.00	
William L. Kleinz	10.00	
L. Arnold Post	15.00	
D. Duer Reynolds	50.00	
Edwin A. Russell	100.00	
Victor Schoepperle	245.00	
L. R. Shero	20.00	
Gibson Smith	100.00	
Howard G. Taylor, Jr.	5.00	
Walter Tebbetts	10.00	
Charles Wadsworth, III	50.00	
Caleb Winslow	2.50	
Alan S. Young	<u>5.00</u>	767.50
<u>The Class of 1912</u>		
Stacey K. Beebe	10.00	
Robert E. Miller	25.00	
Charles T. Moon	10.00	
Irvin C. Poley	5.00	
Leonard C. Ritts	25.00	
Henry M. Thomas, Jr.	30.00	
Richard Tunls	10.00	
Edward Wallerstein	<u>50.00</u>	165.00
<u>The Class of 1913</u>		
Joseph M. Beatty	5.00	
William S. Crowder	10.00	
Charles G. Darlington	10.00	
Francis H. Diament	20.00	
Phillip C. Gifford	5.00	
Norris F. Hall	10.00	
William Y. Hare	20.00	
Charles E. Hires	100.00	
Elisha T. Kirk	20.00	
William C. Longstreth	5.00	
Jesse D. Ludlam	50.00	
Edmund R. Maule	5.00	
Stephen W. Meader	25.00	
Lloyd H. Mendenhall	5.00	
George Montgomery	5.00	
Oliver M. Porter	<u>5.00</u>	
Forward	300.00	\$15,283.41

Forward \$15,283.41

The Class of 1913 (continued)

Forward	300.00	
John V. Van Sickle	7.00	
Frederick P. Stieff	10.00	
James E. Stinson	10.00	
Georges M. Weber	25.00	
Donald Wilder	5.00	
Edwards F. Winslow	5.00	
George L. Winslow	<u>10.00</u>	372.00

The Class of 1914

Walter G. Bowerman	10.00	
Carroll D. Champlin	10.00	
George V. Downing	10.00	
C. W. Edgerton	15.00	
Howard W. Elkinton	10.00	
Thomas W. Elkinton	500.00	
John K. Garrigues	25.00	
Edward M. Jones	20.00	
Rowland P. McKinley	10.00	
Robert A. Locke	100.00	
Harold S. Miller	5.00	
Robert C. Smith	10.00	
S. Emlen Stokes	1,000.00	
Thomas Tomlinson	10.00	
Charles K. Trueblood	10.00	
W. H. B. Whitall	100.00	
Charles R. Williams	<u>5.00</u>	1,850.00

The Class of 1915

Emmett R. Dunn	10.00	
Andrew Harvey	25.00	
Harold W. Helveston	15.00	
Felix Morley	25.00	
Edward L. Shaffer	5.00	
C. Brinkley Turner	5.00	
Walter E. Vail	25.00	
Donald B. VanHollen	<u>5.00</u>	115.00

The Class of 1916

Frederick C. Buffum	100.00	
Frank W. Cary	50.00	
James Carey, 3rd	25.00	
J. Arthur Cooper	5.00	
Bolton L. Corson	25.00	
George A. Dunlap	10.00	
Albert G. Garrigues	10.00	
William T. Hannum	10.00	
Robert C. Kendig	10.00	
William T. Kirk	15.00	
Philip L. Leidy	100.00	
J. Sidney Marine	10.00	
Ulric J. Mengert	10.00	
Thomas Steere	15.00	
Joseph Stokes, Jr.	<u>25.00</u>	420.00

Forward \$18,040.41

Forward \$18,040.41

The Class of 1917

Ernest L. Brown	20.00	
William H. Chamberlin	5.00	
Donald Chandler	10.00	
Loring Dam	10.00	
Joseph W. Greene, Jr.	50.00	
Albert W. Hall	20.00	
Weston Howland	25.00	
H. Lawrence Jones	10.00	
Mennis Lawson	10.00	
H. E. McKinstry	15.00	
Robert D. Metcalfe	10.00	
Gilbert H. Moore	25.00	
Newlin L. Paxson	25.00	
Edmund T. Price	100.00	
John W. Spaeth	10.00	
Arthur E. Spellissy	<u>50.00</u>	395.00

The Class of 1918

H. H. Arnold	15.00	
Herbert H. Bell	10.00	
Bennett S. Cooper	15.00	
J. Marshall Crosman	10.00	
Stephen Curtis	5.00	
Robert H. Dann	5.00	
Frank Deacon	5.00	
Alfred H. Dewees	15.00	
Neil Gilmour	10.54	
Robert B. Greer	10.00	
H. M. Hallett	10.00	
William H. Harding	10.00	
Joseph H. Hayman, Jr.	25.00	
Charles Francis Long	15.00	
William Mussetter	50.00	
Herbert J. Painter	25.00	
Edward A. G. Porter	10.00	
Joseph W. Sharp	10.00	
Morris S. Shipley	25.00	
Oliver P. Tatum	10.00	
John W. Thacher	10.00	
Albert H. Tomlinson	25.00	
A. J. Townsend	<u>5.00</u>	330.54

The Class of 1919

Richard T. Battey	15.00	
William J. Brockelbank	2.00	
S. Hudson Chapman, Jr.	5.00	
Philip L. Corson	25.00	
Franklin M. Earnest, Jr.	10.00	
Francis Goodhue, 3rd	5.00	
Edgar B. Graves	5.00	
Mrs. Roy T. Griffith, In Memory of R. T. Griffith	5.00	
Hartley S. Haines	5.00	
George H. Hubler	25.00	
Furman H. Limeburner	25.00	
Thomas McConnell	50.00	
A. Douglas Oliver	10.00	
Walter P. Shipley, Jr.	5.00	
Cleaver S. Thomas	15.00	
Elmer H. Thorpe	<u>10.00</u>	217.00

Forward \$18,982.95

Forward \$18,982.95

The Class of 1920

Harold W. Brecht	5.00	
Truxton R. Broadhead	25.00	
Herman D. Carus	100.00	
Paul C. Crowther	20.00	
J. Russel Fitts	50.00	
Edwin O. Geckeler	200.00	
Frank T. Gucker	15.00	
Harry C. Hartman	10.00	
Horace P. Hill	100.00	
Milton A. Kamsler	25.00	
A. Douglas Knowlton	100.00	
Norman F. Milne	100.00	
Thomas E. Morris	25.00	
Robert R. Porter	15.00	
Edward L. Smith, Jr.	25.00	
Horace F. Spencer	10.00	
C. W. Ufford	10.00	
John S. Williams	25.00	
Richard R. Wood	10.00	
Granville Worrell, 2nd	<u>55.00</u>	925.00

The Class of 1921

C. Addison Brinton	10.00	
Elliot W. Brown	25.00	
S. Newcomb Ewan, Jr.	10.00	
Edward C. Haines	5.00	
A. W. Hastings	10.00	
Edmund G. Hauff	10.00	
Eugene B. Heilman	50.00	
John R. Hoopes	25.00	
William T. Jebb	10.00	
J. Barclay Jones	5.00	
Henry W. Kumm	5.00	
J. W. Leonard	25.00	
Julian S. Long	25.00	
Archibald MacIntosh	25.00	
Raymond T. Ohl	5.00	
M. Huyett Sangree	10.00	
B. B. Weatherby	50.00	
Robert N. Wood	<u>50.00</u>	355.00

The Class of 1922

Charles D. Abbott	10.00	
John B. Barker	15.00	
K. Braddock-Rogers	3.00	
Andrew Brown	10.00	
Henry S. Fraser	10.00	
John F. Gummere	10.00	
George A. Hilleman	25.00	
Ralph A. Klemm	5.00	
Robert R. Matzke	5.00	
Frederick S. Miller	10.00	
Elliston Morris	10.00	
Chauncey G. Paxson	10.00	
Craige M. Snader	15.00	
Richard M. Sutton	35.00	
Edward A. Taylor	<u>5.00</u>	

Forward 178.00 \$20,262.95

Forward \$20,262.95

The Class of 1922 (continued)

Forward	178.00	
Kenneth B. Walton	50.00	
J. Colvin Wright	25.00	
Edwin W. Zerrer	<u>10.00</u>	263.00

The Class of 1923

R. G. Allen	100.00	
John C. Borton	5.00	
H. Tatnall Brown, Jr.	5.00	
Hal G. Farrar	25.00	
F. S. Flowers	10.00	
Gilbert C. Fry	50.00	
E. K. Haviland	10.00	
Rees S. Himes	5.00	
Garrett S. Hoag	25.00	
W. C. Hunsicker, Jr.	5.00	
Wilmot R. Jones	25.00	
S. Brooks Knowlton	5.00	
Andrew L. Lewis	10.00	
Thomas Parke	25.00	
John B. Stevenson	5.00	
C. Bevan Strayer	2.00	
Charles Warner, Jr.	50.00	
Farnham Warriner	10.00	
Alexander J. Williamson ..	<u>5.00</u>	377.00

The Class of 1924

Charles F. Bader, Jr.	10.00	
Courtland B. Brinton	15.00	
Hugh P. Brinton	5.00	
J. Stanton Carson	50.00	
Rowland C. Cocks	5.00	
Howard Comfort	5.00	
Thomas S. Ellis	10.00	
Charles H. Frazier	25.00	
Harold D. Greenwell	10.00	
Gaylord P. Harnwell	25.00	
Howard J. Hogenauer	250.00	
Philip G. Rhoads	20.00	
Edward P. VanTine	25.00	
William N. West, 3rd	25.00	
Donald E. Wilbur	<u>10.00</u>	490.00

The Class of 1925

Conrad Acton	5.00	
Eric G. Ball	10.00	
Francis C. Barton, Jr.	10.00	
Robert C. Bates, Jr.	10.00	
Wray D. Bentley	10.00	
Leigh E. Chadwick	10.00	
Class of 1925	4.64	
Douglas W. Eiseman	5.00	
Thomas C. Garrett	10.00	
Harman A. Gerkes	10.00	
Edward L. Gordy	5.00	
J. S. C. Harvey, Jr.	5.00	
H. Richard Heilman	<u>10.00</u>	

Forward 104.64 \$21,392.95

Forward \$21,392.95

The Class of 1925 (continued)

Forward	104.64	
Irving Hollingshead	10.00	
Henry F. House	10.00	
Charles H. Johnson, Jr.	25.00	
Phillips Johnson	10.00	
Karl G. Kumm	5.00	
Hugh Montgomery	5.00	
Warren W. Newman	15.00	
Jesse T. Nicholson	25.00	
Owen B. Rhoads	50.00	
William D. Rogers	5.00	
Albert E. Savage	25.00	
Charles C. Sellers	5.00	
Francis M. Stifler	10.00	
Louis E. Taubel	5.00	
Charles L. S. Tingley, Jr.	100.00	
Benjamin B. Warfield	10.00	
Austin Wright	10.00	429.64

The Class of 1926

Donald G. Baker	5.00	
Schuyler Baldwin	5.00	
Robert Barry, II	5.00	
Alfred E. Buck	5.00	
Alfred Busselle, Jr.	5.00	
John B. Calkin	10.00	
Francis F. Campbell	10.00	
Alexander R. Carman, Jr.	40.00	
Franklin O. Curtis	10.00	
Henry C. Evans	10.00	
Charles H. Greene	5.00	
Edmund P. Hannum	25.00	
Siddons Harper, Jr.	10.00	
Dalzell F. Hartman	10.00	
Robert L. Hatcher	5.00	
Harris G. Haviland	10.00	
Isaac L. Hibberd	10.00	
Wayne G. Jackson	15.00	
J. D. Joly	10.00	
Winthrop M. Leeds	50.00	
Benjamin H. Lowry	25.00	
Howard T. MacGowan	10.00	
Willard E. Mead	25.00	
Robert H. Richie	5.00	
Fred Rodell	5.00	
Paul L. Sassaman	10.00	
C. Earnest Shank	10.00	
Charles E. Sumwalt	10.00	
Joseph A. Vansant	10.00	
Edward S. Wood, Jr.	10.00	375.00

The Class of 1927

Samuel Armstrong	5.00	
James W. Baker	10.00	
M. Ward Bayles	5.00	
Herman E. Compter	10.00	
Daniel M. Coxé	10.00	
Forward	40.00	\$22,197.59

Forward \$22,197.59

The Class of 1927 (continued)

Forward	40.00	
Allan B. Fay	15.00	
John E. Forsythe	5.00	
Albert W. Fowler	5.00	
William S. Halstead	10.00	
John L. Heller	5.00	
Arland I. Innes	10.00	
John C. Lober	20.00	
Paul W. Ohl	10.00	
George H. Renninger	10.00	
Ira B. Rutherford	15.00	
Franklin Sanders	8.00	
S. Stansfeld Sargent	5.00	
George E. Saunders	15.00	
William W. Saunders	10.00	
Watson Scarborough	2.00	
Arthur Silver	15.00	
W. B. Totten	<u>10.00</u>	210.00

The Class of 1928

Carl F. Berlinger	5.00	
Frederick M. Burgess	10.00	
Royal S. Davis	5.00	
John T. Evans	5.00	
John O. Fitzsimmons	10.00	
C. Keely Fox	5.00	
William K. Hartzell	20.00	
Theodore B. Hetzel	10.00	
Nelson J. Hogenauer	10.00	
Allen F. Horton	10.00	
J. Quincy Hunsicker, 3rd	10.00	
J. McLain King	10.00	
S. Burkhart Morrison	10.00	
Alexander L. Nichols	10.00	
Jonathan E. Rhoads	25.00	
Ingram H. Richardson	25.00	
Donald W. Richie	10.00	
Louis F. Richter	3.00	
Charles Robinson	25.00	
Robert L. Shank	25.00	
Franklin W. Smith	10.00	
Ellsworth B. Stevens	10.00	
J. Tyson Stokes	50.00	
Charles M. Tatum	10.00	
Allen C. Thomas, Jr.	10.00	
Theo Vanneman	10.00	
Theodore Whittelsey, Jr.	10.00	
Richard Wistar	<u>10.00</u>	363.00

The Class of 1929

Samuel T. Brinton	10.00	
Roger C. Brown	10.00	
John R. Cooper	10.00	
F. Curtis Dohan	5.00	
James G. Downward	25.00	
Herbert K. Ensworth	10.00	
John G. Hartman	<u>5.00</u>	
Forward	75.00	\$22,770.59

Forward		\$22,770.59
<u>The Class of 1929 (continued)</u>		
Forward	75.00	
Halsey M. Hicks	5.00	
Kenneth E. Kingham	10.00	
William S. Lane	3.00	
Davis D. Lewis	10.00	
Gerald H. Rorer	10.00	
J. Clifford Scott	5.00	
Daniel D. Test, Jr.	5.00	
Harold L. Wilt	<u>25.00</u>	148.00
<u>The Class of 1930</u>		
Bradford S. Abernethy	10.00	
John L. Blackman, Jr.	10.00	
B. Franklin Blair	10.00	
W. Richardson Blair	5.00	
Arthur H. Brinton	5.00	
T. Ward Bruegel	10.00	
Donald R. Buxton	25.00	
Willem Ezerman	5.00	
William D. Frazier	25.00	
W. Clark Hanna	5.00	
Allen D. Hole	5.00	
John Hymes	10.00	
John P. Jones	10.00	
William M. Masland	10.00	
Irvin W. McConnell	10.00	
Brewster H. Morris	15.00	
J. Howard Morris, Jr.	250.00	
Theodore H. Morris, III	10.00	
Edward Rosewater	10.00	
Harlow B. Rowell	15.00	
William E. Rudge	5.00	
Daniel Smiley, Jr.	30.00	
Frederick W. Swan	2.50	
George Vaux	10.00	
Wilfred H. Wickersham	10.00	
Thomas Wistar, Jr.	<u>6.00</u>	518.50
<u>The Class of 1931</u>		
Richard Baker	5.00	
Henry G. Barnhurst	5.00	
J. W. Burger	3.00	
Thomas E. Burns, Jr.	10.00	
William E. Cadbury, Jr.	3.00	
S. Hall Conn	10.00	
Alfred R. Crawford	10.00	
Robert W. Gabriel	10.00	
Donald L. Gibson	5.00	
John T. Golding	25.00	
John D. Greslmer	2.50	
James M. Houston	25.00	
Jonathan P. Jessop	5.00	
William Maier	25.00	
Adrian S. Mann	10.00	
Lauman Martin	40.00	
Raymond E. Maxwell	5.00	
E. C. Saint	<u>25.00</u>	
Forward	223.50	\$23,437.09

Forward \$23,437.09

The Class of 1931 (continued)

Forward	223.50	
E. Rodman Shippen, Jr.	5.00	
Frank N. Speller, Jr.	10.00	
Walter M. Teller	5.00	
Ignatius M. Weiringer	5.00	
John H. Wills	<u>10.00</u>	258.50

The Class of 1932

Carl B. Allendoerfer	25.00	
Howland H. Bailey	10.00	
Richard D. Browne	10.00	
Walter C. Baker	15.00	
Walter I. Dothard, Jr.	20.00	
N. Stine Eckert	50.00	
R. F. Engle, Jr.	5.00	
Harry Fields	25.00	
Gifford P. Foley	10.00	
George Gerenbeck, Jr.	10.00	
Francis B. Gummere	5.00	
C. Robert Haines	10.00	
Lewis Kohn	5.00	
William E. Miller	10.00	
Ellis C. Osgood	10.00	
Thomas I. Potts	5.00	
William W. Pusey, III	3.00	
Arthur S. Roberts	5.00	
Fred Rudge	20.00	
Harold J. Schramm	50.00	
Wallace M. Scudder	25.00	
John W. Settle	25.00	
William V. Sipple, Jr.	10.00	
Albert K. Smiley, Jr.	10.00	
Franklin J. Smith	5.00	
Charles S. Strickler	25.00	
Allen M. Terrell	5.00	
Rudolph M. Wertime	5.00	
Robert Woodward	<u>5.00</u>	418.00

The Class of 1933

Douglas Borgstedt	5.00	
William B. Daub	25.00	
Frederick L. Fuges	10.00	
R. Wilfred Kelsey	10.00	
Bernard V. Lentz	10.00	
John W. Masland	5.00	
Hugh B. Pickard	10.00	
William R. Russell	10.00	
John R. Sargent	15.00	
Henry Scattergood	5.00	
Howard D. Sordon, Jr.	5.00	
W. Hooton Stokes	20.00	
F. A. VanDenbergh, Jr.	<u>25.00</u>	155.00

The Class of 1934

Robert C. Atmore	5.00	
Charles M. Bancroft	5.00	
Thomas S. Brown	<u>5.00</u>	
Forward	15.00	\$24,268.59

Forward \$24,268.59

The Class of 1934 (continued)

Forward	15.00	
Fritz K. Downey	5.00	
Louis W. Flaccus, Jr.	10.00	
J. Morton Fultz, Jr.	5.00	
Leonard L. Greif, Jr.	25.00	
William H. Haines, 3rd	5.00	
Ellwood M. Hammaker	2.00	
J. O. Hancock	5.00	
Eugene F. Hogenauer	10.00	
R. Bruce Jones	5.00	
James D. Lockard	5.00	
Benjamin S. Loewenstein	10.00	
W. F. Maxfield	10.00	
Robert W. McKee	5.00	
Richard R. Pleasants	10.00	
Asa W. Potts	2.00	
A. Thomas Richie	2.00	
Henry G. Russell	3.00	
Roger Scattergood	5.00	
Frank T. Siebert, Jr.	10.00	
Arthur G. Singer, Jr.	10.00	
William W. Smith	30.00	
H. Miles Snyder	25.00	
Matthew W. Stanley	5.00	
Francis W. Stork	5.00	
Edwin P. Tripp, Jr.	50.00	
John C. Wilson	2.00	
F. H. Wright	10.00	
Willard M. Wright, Jr.	5.00	291.00

The Class of 1935

William L. Azpell, Jr.	10.00	
William R. Bowden	10.00	
Chapman Brown	5.00	
B. Bartram Cadbury	5.00	
John B. Christopher	5.00	
Meredity B. Colket, Jr.	2.00	
Charles B. Conn, Jr.	5.00	
John C. Duffield	5.00	
John H. Elliott	5.00	
Ernest M. Evans	5.00	
Frederick E. Forester	2.00	
Sidney Hollander, Jr.	5.00	
William N. Huff	5.00	
James B. Kase	25.00	
William G. Kirkland	10.00	
E. Charles Kunkle	10.00	
Edward J. Matlack	15.00	
Harry C. Meserve	5.00	
Samuel Potter, Jr.	5.00	
Kimberley S. Roberts	15.00	
Graham Rohr	25.00	
Frederic N. Rolf	5.00	
Charles F. G. Smith	10.00	
Philip P. Steptoe, Jr.	15.00	
Francis J. Stokes, Jr.	15.00	
Robert S. Trenbath	10.00	
Alexander C. Wood, 3rd	5.00	239.00

Forward \$24,798.59

Forward \$24,798.59

The Class of 1936

E. Dale Adkins, Jr.	5.00	
Robert W. Baird, Jr.	50.00	
George B. Bookman	20.00	
Robert Braucher	20.00	
Donald W. Brous	10.00	
Jonathan A. Brown	15.00	
Thomas D. Brown	2.00	
William R. Brown, 3rd	5.00	
William A. Crawford	10.00	
Arthur S. Dulaney, Jr.	15.00	
Francis C. Evans'	20.00	
William R. Fry	20.00	
L. Ross Garner	25.00	
Robert S. Gawthrop, Jr.	10.00	
John N. Goodridge	5.00	
Arthur R. Kane, Jr.	20.00	
Samuel Kind	5.00	
William H. Loesche, Jr.	2.00	
Park Hays Miller, Jr.	10.00	
W. Brooke Morgan, Jr.	2.00	
Charles C. Morris, 2nd	4.00	
Ralph C. Most	10.00	
John L. Parker	2.00	
Harry T. Paxton	10.00	
James W. Pearce, Jr.	5.00	
James G. Pierce	10.00	
Joseph D. Purvis, Jr.	25.00	
John Sebastian	25.00	
Joseph H. Taylor	2.00	
William G. Tiernan	10.00	
George B. Thomas, Jr.	5.00	
Henry L. Tomkinson	5.00	
John Van Brunt, Jr.	5.00	
Hubert M. Vining	100.00	
Alexander C. Williams	<u>15.00</u>	504.00

The Class of 1937

William W. Allen, 3rd	10.00	
Howard A. Andrews	10.00	
Thomas S. Barker, Jr.	10.00	
Kenneth A. Beck	15.00	
William H. Bond	2.00	
Stephen G. Cary	5.00	
Richard M. Clayton	10.00	
William H. Daudt	15.00	
Henry S. Drinker, Jr.	10.00	
Hans B. Engelman	10.00	
Roger L. Grief	25.00	
Henry C. Gulbrandsen	10.00	
Edward L. Hawkins	5.00	
Bernard M. Hollander	5.00	
Charles E. Holzer, Jr.	20.00	
James D. Hoover	10.00	
W. L. Kimber	15.00	
Robert H. Kriebel	5.00	
John J. Lawser	5.00	
John A. Lester	<u>3.00</u>	

Forward 200.00 \$25,302.59

Forward \$25,302.59

The Class of 1937 (continued)

Forward	200.00	
M. Albert Linton, Jr.	10.00	
James H. Lockwood	10.00	
John B. Lukens	10.00	
Ralph H. McMahon	10.00	
George Norris, Jr.	10.00	
William R. Reynolds	5.00	
Peter P. Rodman	5.00	
Leslie B. Seely, Jr.	25.00	
Herbert W. Taylor, Jr.	5.00	
Philip M. Whitman	15.00	
S. Vincent Wilking	10.00	
Jay W. Worrall, Jr.	2.00	
Arthur N. Wrigley	2.00	319.00

The Class of 1938

Harry H. Bell	5.00	
Thomas A. Benham	10.00	
Robert M. Bird, Jr.	5.00	
Richard S. Bowman	5.00	
William H. Clark, Jr.	5.00	
Henry B. Cox	5.00	
Donald S. Childs, Jr.	25.00	
Valery S. deBeausset	2.00	
Aubrey C. Dickson, Jr.	10.00	
William Duff	10.00	
Charles R. Ebersol	10.00	
Samuel R. Evans	10.00	
Roderick Firth	5.00	
William N. Fraleigh	10.00	
James M. George	2.00	
J. E. Goldmark	2.50	
Samuel K. Harper	2.00	
Wendell T. Kershner	10.00	
Louis B. Kohn, 3rd	25.00	
William B. Kriebel	5.00	
Charles H. Ligon	5.00	
Henry C. Longnecker	5.00	
William H. Luden, Jr.	50.00	
George Mathues	1.00	
Malcolm D. McFarland	5.00	
Elliott H. Morse	5.00	
L. Folsom Norworthy	10.00	
D. S. Pakradooni	10.00	
George E. Poole	10.00	
Frank M. Ramsey, Jr.	10.00	
Clayton E. Ranck	10.00	
Lindley Reagan	5.00	
James L. Rich	5.00	
Leslie B. Schramm	50.00	
Philip R. Shank	15.00	
Trumbull L. Simmons	25.00	
Jonathan M. Steere, Jr.	5.00	
Samuel S. Stratton	5.00	
T. Cooper Tatman	25.00	
Hubert R. Taylor	5.00	
Irving Telling	5.00	

Forward 429.50 \$25,621.59

Forward		\$25,621.59
<u>The Class of 1938 (continued)</u>		
Forward	429.50	
Robert J. Thompson	20.00	
Louis J. Velte, Jr.	10.00	
William M. Webb	20.00	
Hambleton Welbourne, Jr.	20.00	
Lawrence G. Wesson, Jr.	10.00	
Edmund C. Wingerd, Jr.	<u>5.00</u>	514.50
<u>The Class of 1939</u>		
Robert B. Ackerman	10.00	
Robert L. Balderston	10.00	
George G. Bown	5.00	
James H. Bready	2.00	
Robert Burnside	10.00	
Henry H. Derr	10.00	
William E. Evans	20.00	
John A. Flick	5.00	
Robert Herr	5.00	
Henry H. Jones	15.00	
Richard H. Lillie	10.00	
Alexander W. Moseley	20.00	
O. Naylor Rambo, Jr.	10.00	
Daniel G. Santer	25.00	
Craig M. Sharpe	5.00	
Laird H. Simons, Jr.	100.00	
Robert E. Spaulding	5.00	
Gilbert P. Talbot	5.00	
Robert M. White	10.00	
D. Norton Williams	<u>10.00</u>	292.00
<u>The Class of 1940</u>		
Bruce D. Anderton	5.00	
David B. Coursin	5.00	
Robert L. Dewees	10.00	
Charles W. Fisher	5.00	
Robert H. Goepf	5.00	
Harry J. Goodyear	10.00	
John E. Gross	1.00	
Hanford Henderson	5.00	
John T. Hoffman	5.00	
Robert J. Hunn	10.00	
Joachim Jaenicke	1.00	
S. F. Johnson	5.00	
F. Allen Lewis	2.00	
John M. Lindley, Jr.	5.00	
Elliott Mason	10.00	
Hayden Mason	3.00	
William F. McDevit	10.00	
Charles K. Peters	10.00	
Richard A. Poole	25.00	
David R. Wilson	5.00	
Charles H. Wolfinger	<u>10.00</u>	147.00
<u>The Class of 1941</u>		
E. P. Allinson, Jr.	10.00	
David B. Arnold	10.00	
Robert P. Arthur	<u>10.00</u>	
Forward	30.00	\$26,575.09

Forward \$26,575.09

The Class of 1941 (continued)

Forward	30.00	
Arthur G. Ashbrook, Jr.	5.00	
Howard L. Blum	25.00	
R. H. Bolster	5.00	
Eugene Botelho	10.61	
Daniel B. Boyer, Jr.	10.00	
Albert D. Branson	10.00	
John Buttrick	10.00	
Torrence H. Chambers	10.00	
John B. Clark	5.00	
Henry D. Cornman	5.00	
Hunt Davis	10.00	
John W. Dorsey	6.00	
Edward L. Engelhardt	25.00	
Robert N. Evert	15.00	
Geoffrey Hemphill	3.00	
John B. Hibbard	10.00	
Andrew F. Inglis	50.00	
William A. Liddell, Jr.	5.00	
Thomas Little	5.00	
John R. McNeill	25.00	
William K. Miller	5.00	
Tucker F. Morian	5.00	
Arthur H. Napier, Jr.	5.00	
Wilson H. Pile	2.00	
Robert H. Smith	15.00	
G. Ralph Strohl, Jr.	20.00	
Harry H. Stuart	25.00	
George M. Swan	10.00	
Roy S. Vogt	5.00	
James M. Willis	15.00	
Caleb Winslow	2.50	
Kenneth A. Wright	15.00	404.11

The Class of 1942

Charles C. Abbott	10.00	
James N. Addoms	10.00	
George L. Aldridge	20.00	
Warren D. Anderson	5.00	
Edgar D. Bell	10.00	
Burns Brodhead	5.00	
Richard W. Brown	15.00	
E. E. Childs	5.00	
Thomas C. Cochran, Jr.	10.00	
Robert W. Dunham	5.00	
Roy A. Dye, Jr.	10.00	
Arthur Evans	5.00	
John D. Farquhar	10.00	
John A. Fust	5.00	
Thomas C. Gibb	10.00	
Louis N. Grier, Jr.	5.00	
J. Jarden Guenther, Jr.	5.00	
Gove Hambidge, Jr.	10.00	
Heber R. Harper	10.00	
Henry W. Johnstone, Jr.	5.00	
William S. Laughlin	1.00	
George C. Lewis, Jr.	5.00	

Forward 176.00 \$26,979.20

Forward \$26,979.20

The Class of 1942 (continued)

Forward	176.00	
William B. Meldrum, Jr.	5.00	
David M. Poole	25.00	
Kenneth S. Roberts	2.00	
Lewis P. Saxer	10.00	
W. H. W. Skerrett, Jr.	5.00	
Robert W. Starr, 3rd	5.00	
Franklin P. Sweetser	50.00	
David C. Thompson	10.00	
John H. Wise	10.00	
W. Scott Worrall	<u>5.00</u>	303.00

The Class of 1943

Jeremy Addoms	2.00	
John Allen	15.00	
Eugene E. Anderson, Jr.	50.00	
Arthur H. Bell	5.00	
Jared S. Brown	10.00	
Tristram P. Coffin	10.00	
Thomas H. Eckfeldt	10.00	
John J. Enck	50.00	
J. Morris Evans	10.00	
Sumner W. Ferris	25.00	
James B. Gilbert	10.00	
John F. Hill	30.00	
John R. Hogness	5.00	
Holland Hunter	76.00	
Lewis C. Kibbee	5.00	
David B. Kirk	5.00	
H. Mather Lippincott, Jr.	5.00	
Robert MacCrate	10.00	
John C. Marsh	3.00	
Avrel Mason	25.00	
John H. Meader	10.00	
John M. Moon	5.00	
Sterling Newell, Jr.	10.00	
Frank K. Otto	10.00	
Norman Peterkin	10.00	
Stuart L. Ridgway	20.00	
George M. Ryrrie	10.00	
Seth T. Shepard	10.00	
William F. Shihadeh	5.00	
David D. Somers	10.00	
John D. Stevens, Jr.	5.00	
J. S. Sutterlin	10.00	
John W. Thacher, Jr.	5.00	
Alexander C. Tomlinson, Jr.	50.00	
Haskell Torrence	5.00	
Albert E. Turner, 3rd	5.00	
William T. Warren, Jr.	10.00	
John C. Whitehead	30.00	
Carl Widney, Jr.	10.00	
John B. Wilkie	5.00	
William N. Wingerd	<u>5.00</u>	601.00

Forward \$27,883.20

Forward \$27,883.20

The Class of 1944

C. Webster Abbott of J.	10.00	
Charles S. Alden	10.00	
Ellsworth C. Alvord, Jr.	100.00	
Donald H. Baird	25.00	
Louis P. Bolgiano, Jr.	15.00	
A. G. Buyers	10.00	
John W. Clark	10.00	
Horace Compton, Jr.	10.00	
Jodie D. Crabtree, Jr.	5.00	
Robert B. Day	15.00	
Charles E. Fox, Jr.	25.00	
Edgar D. Free	25.00	
Edmund Goerke, Jr.	18.00	
Jesse G. Grier	5.00	
James C. Haden	10.00	
Edmond E. Hammond, Jr.	5.00	
Robert W. Hill	2.00	
Walter Hollander, Jr.	10.00	
George D. Hopkins	10.00	
John T. Hough	5.00	
George W. Hubler	5.00	
Robert M. Jacob	5.00	
J. W. Krom	20.00	
Charles McC. Mathias, Jr.	5.00	
William R. McShane	10.00	
Gilbert H. Moore, Jr.	7.00	
H. Royer Smith, Jr.	50.00	
David E. Stokes	25.00	
Samuel E. Stokes, Jr.	50.00	
Paul R. Stott	10.00	
Henry S. Vila	3.00	
Richard H. Warren	5.00	
Richard W. Watkins	5.00	
Howard Wood	10.00	
James H. Worl	<u>25.00</u>	560.00

The Class of 1945

Anna M. Atkinson	3.00	
Mary Barclay	25.00	
John Beardsley	25.00	
Edward Block	15.00	
Richard W. Cole	10.00	
F. E. Fairman, 3rd	10.00	
Henry H. Fetterman	5.00	
Elizabeth B. Garrison	2.00	
Arthur Harned	50.00	
E. M. Heimlich	10.00	
David Y. Y. Hsia	5.00	
Massamori Kojima	5.00	
David Mallery	5.00	
Philip C. Mann	5.00	
Edmund Preston	5.00	
Geert C. F. Prins	10.00	
Donald A. Purdy	10.00	
Vernon M. Root	20.00	
Herbert N. Slotnick	100.00	
Stacey Widdicombe	<u>20.00</u>	

Forward 340.00 \$28,443.20

Forward		\$28,443.20
<u>The Class of 1945 (continued)</u>		
Forward	340.00	
Mary E. Williams	10.00	
James B. Wright	<u>40.00</u>	390.00
<u>The Class of 1946</u>		
Frederick H. Bartlett, Jr.	15.00	
Thomas M. Birdsall	15.00	
William H. Chartener	5.00	
Lewis Coffin	3.00	
Bertram M. Kummel	10.00	
George Montgomery, Jr.	5.00	
James F. Mumma	15.00	
Thomas J. Ryan	<u>25.00</u>	93.00
<u>The Class of 1947</u>		
Charles Long, 2nd	<u>5.00</u>	5.00
<u>Outside Contributions</u>		
Anonymous	1,000.00	
Anonymous	25.00	
Miscellaneous	5.00	
Legh W. Reid	100.00	
Lydia C. Sharpless	200.00	
A. H. Wilson	<u>25.00</u>	<u>1,355.00</u>
Total		<u>\$30,286.20</u>

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES"

Mrs. William C. Alexander	\$ 2.00
Captain A. H. Allen	2.00
Mr. and Mrs. Carl B. Allendoerfer	2.00
Mr. and Mrs. E. Page Allinson	5.00
Mr. W. Disston Anderson	2.00
Dr. and Mrs. Kenneth E. Appel	20.00
Mr. and Mrs. Manuel J. Asensio	2.00
Mr. Herbert Otis Bailey	5.00
Mr. Harry Norman Ball	5.00
Mr. and Mrs. Wilfred Bancroft	4.00
Mr. and Mrs. Seth A. Bardwell	5.00
Mr. Robert Barrie	2.00
Mr. and Mrs. Wm. A. Battey	5.00
Miss Florence Beddall	2.00
Dr. and Mrs. Charles J. Bergh	2.00
Mr. and Mrs. Paul Bleyden	2.00
Dr. Francis J. Bonner	2.00
Mr. Donald G. Brien	5.00
Mr. Walter R. Brinkman	5.00
Mrs. S. Jervis Brinton	2.00
Dr. and Mrs. Arthur A. Briskin	2.00
Comdr. & Mrs. H. Tatnall Brown, Jr.	5.00
Miss Caroline H. Burgess	2.00
Mrs. Helen Cadbury Bush	4.00
Mr. and Mrs. Charles Carver	5.00
Mrs. Richard Cary	2.00
Mr. and Mrs. Aldo Caselli	2.00
Miss Edith Chambers	2.00
Mrs. George Hamilton Chambers	2.00
Mr. and Mrs. Charles L. Chandler	2.00
Mr. and Mrs. George K. Chandler	2.00
Rev. and Mrs. Rex S. Clements	5.00
Dr. and Mrs. J. Howard Cloud	2.00
Mrs. Wm. H. Collins	5.00
Mr. and Mrs. Lynne M. Correll	2.00
Mr. Robert Cryan	2.00
Mr. J. P. Cunningham	2.00
Mr. and Mrs. Irwin T. Darlington	2.00
Mr. and Mrs. Charles W. David	4.00
Dr. David M. Davis	5.00
Dr. and Mrs. Lovett Dewees	5.00
Miss Susan J. Dewees	2.00
Dr. and Mrs. T. McK. Downs	25.00
Mr. and Mrs. Thomas E. Drake	2.00
Mr. and Mrs. G. Fred Driemeyer	2.00
Mr. and Mrs. Harold Evans	2.00
Mr. and Mrs. McClure Fahnestock	2.00
Mr. and Mrs. Henry W. Farnum	2.00
Dr. and Mrs. Clifford B. Farr	2.00
Mr. and Mrs. F. W. Elliott Farr	5.00
Dr. and Mrs. John B. Flick	5.00
Mrs. Horace B. Forman	2.00
Miss Kathryn V. Forrest	2.00
Mr. Henry S. Fraser	5.00
Mrs. Sara K. Fuller	2.00
Mr. Wm. G. Gerhard	2.00
Rev. Joseph J. Gildea	2.00
Miss Minnie H. Goldsmith	2.00
Forward	\$211.00

Forward	\$211.00
Mr. and Mrs. Douglas W. Gould	6.00
Mrs. Joanna Betz Green	5.00
Mr. and Mrs. Louis C. Green	2.00
Mr. Morris M. Green	10.00
Miss Gladys H. Griscom	10.00
Mr. Richard Grosholz	2.00
Miss Gwladys R. Groskin	2.00
Mr. and Mrs. John F. Gummere	2.00
Mr. and Mrs. Richard M. Gummere	2.00
Mrs. Edwin J. Haley	2.00
Mr. and Mrs. J. Morgan Harding	2.00
Mr. and Mrs. Robert Haslett	2.00
Miss Ethel Hastings	2.00
Mr. and Mrs. John V. Hastings, Jr.	5.00
Miss Janet Luise Hays	5.00
Mr. and Mrs. Howard K. Henry	4.00
Mr. and Mrs. John G. Herndon	10.00
Miss Sylvia B. Hetzel	5.00
Mr. John B. Heyl	2.00
Miss Margaretta S. Hinchman	2.00
Mr. and Mrs. David Hinshaw	10.00
Mr. and Mrs. Harrison S. Hires	10.00
Mr. and Mrs. Clarence G. Hoag	10.00
Mr. Allen F. Horton	2.00
Dr. and Mrs. Orville Horwitz	2.00
Mrs. Walter C. Janney	10.00
Mrs. Eloise N. Jenks	2.00
Mr. and Mrs. Ames Johnston	2.00
Mr. J. Dean Joly	2.00
Mr. and Mrs. J. Barclay Jones	5.00
Mrs. Rufus M. Jones	2.00
Mrs. Rayner W. Kelsey	2.00
Mr. and Mrs. M. Albert Linton	10.00
Mr. and Mrs. Richard W. Lloyd	4.00
Mr. and Mrs. John C. Lober	4.00
Mr. and Mrs. Dean P. Lockwood	2.00
Captain Benjamin H. Lowry	2.00
Mr. and Mrs. Benjamin Ludlow	5.00
Mr. and Mrs. Archibald MacIntosh	2.00
Mr. James P. Magill	5.00
Miss Belle Matheson	2.00
Mr. J. Wesley Matthews	2.00
Miss Virginia Armitage McCall	2.00
Mr. and Mrs. Wm. B. Meldrum	2.00
Mr. and Mrs. Walter Merrill	4.00
Rev. S. G. Morton Montgomery	2.00
Mr. Charles Henry Moon	2.00
Dr. Harold H. Morris	2.00
Mr. Elliott H. Morse	2.00
Dr. and Mrs. Stuart Mudd	2.00
Mr. Arthur Howell Napier	2.00
Mr. Rudolf Neuburger	2.00
Mr. and Mrs. Raymond T. Ohl	2.00
Mr. Nicholas Orehoff	2.00
Miss Jessie Allen Page	2.00
Mr. and Mrs. Frederic Palmer, Jr.	2.00
Mr. and Mrs. L. Arnold Post	2.00
Miss Edith W. Powell	2.00
Forward	\$424.00

Forward	\$424.00
Mrs. G. R. Rebmann	5.00
Mr. and Mrs. Layton B. Register	2.00
Mr. and Mrs. Legh W. Reid	4.00
Mrs. Wm. A. Reitzel	2.00
Mr. and Mrs. Charles J. Rhoads	10.00
Mr. Charles S. Ristine	5.00
Mr. and Mrs. Leon H. Rittenhouse	2.00
Mr. and Mrs. George Rosengarten	10.00
Mr. and Mrs. Winthrop Sargent, Jr.	2.00
Mr. and Mrs. J. Henry Scattergood	5.00
Mr. and Mrs. Lucius R. Shero	2.00
Miss Mary C. Smith	5.00
Mr. and Mrs. Edward D. Snyder	4.00
Mr. and Mrs. Freas B. Snyder	4.00
Dr. and Mrs. Wm. C. Stadie	2.00
Mr. and Mrs. I. Thomas Steere	2.00
Mr. and Mrs. Jonathan M. Steere	10.00
Mr. and Mrs. Edmund H. Stinnes	2.00
Mr. and Mrs. J. Tyson Stokes	10.00
Mr. and Mrs. Kenneth E. Stuart	2.00
Mr. and Mrs. Francis R. Taylor	5.00
Mrs. Arthur H. Thomas	2.00
Mrs. George Vaux, Jr.	5.00
Mr. and Mrs. W. Nelson L. West	5.00
Mr. and Mrs. Wm. T. West	2.00
Mr. H. Justice Williams	2.00
Mr. and Mrs. Albert H. Wilson	20.00
Mr. and Mrs. D. Wright Wilson	2.00
Mr. and Mrs. Thomas Wistar	10.00
Mr. and Mrs. L. Hollingsworth Wood	5.00
Mr. and Mrs. Richard R. Wood	2.00
Dr. Rachel B. Woodford	2.00
Mr. and Mrs. Edward Woolman	2.00
Total	<u>\$578.00</u>

REPORT OF
HAVERFORD COLLEGE LOAN FUND

Established 1926

Report No. 20

August 31, 1946

Current Year 1945-46

Cash Balance on hand, August 31, 1945	\$ 10,427.64
17 Loans repaid during year	2,881.50
50 part payments on loans during year	1,993.68
Interest received during year	375.61
From Merion Title and Trust Co., fifth and final 5.81% payment	<u>48.87</u>
	15,727.30
10 Loans made during year	\$ 1,768.52
Repayment to The Corporation of Haverford College	<u>5,000.00</u>
	6,768.52
Cash Balance on hand August 31, 1946	8,958.78
Loans outstanding August 31, 1946 (Exhibit 8)	9,203.00
Interest outstanding August 31, 1946 (Exhibit 8)	<u>560.58</u>
Total Resources August 31, 1946	<u>\$ 18,722.36</u>

Total to August 31, 1946

Appropriations from Jacob P. Jones Endowment Fund	20,812.04
1st Donation from Class of 1911	641.30
2nd Donation from Class of 1911	137.90
3rd Donation from Class of 1911	28.85
Donation from Class of 1929	350.27
Donation from A. R. Katz	500.00
Donation from Class of 1927	900.00
Donation from Class of 1908	1,507.96
Gift from C. C. Norris	50.00
Gift from John Charles	300.00
Gift, Anonymous	500.00
Gift, Anonymous	2,000.00
Gift, Haverford Society of Maryland	100.00
Gift, Dr. H. S. Arthur	300.00
Adjustment on August 31, 1944	2.82
325 loans repaid	47,899.93
471 payments on loans	19,024.20
Interest paid up	13,289.48
Payments from Merion Title & Trust Co. - 2/28/33	\$ 42.06
1/4/38	84.12
12/31/40	42.06
7/22/43	42.06
5/18/46	<u>48.87</u>
	259.17
From Montgomery Merryman, '33 - Interest on account, previously charged off	50.00
From R. Hill, '45 - Overpayment	<u>.02</u>
Total Receipts	108,653.94

Repayments to The Corporation of Haverford College	\$20,000.00
Repayments of Donations	1,708.05
Original Funds in Merion Title & Trust Co.	841.18
Check Tax	1.66
Loans Made	<u>77,144.27</u>
	99,695.16
Cash Balance August 31, 1946	<u>8,958.78</u>
Outstanding interest to August 31, 1946	560.58
Outstanding loans to August 31, 1946	<u>9,203.00</u>
Total Resources August 31, 1945	<u>\$18,722.36</u>

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

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, \$93,753.86. 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. Present book value, \$34,481.17. 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.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,252.18. 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, \$43,173.04. 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, \$10,950.03. 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. Present book value, \$4,956.69. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,388.86. The income only is to be 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, \$1,253,930.25. 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, \$265,841.10. 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, \$10,711.80. 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. Present book value, \$20,710.06. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., 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. Present book value, \$5,208.91.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$40,849.10. 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 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,671.42. 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." Present book value, \$9,160.24.

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, and \$175.00. under his legacy. Present book value, \$43,184.70. 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, \$1,445.31. 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, \$38,074.84. 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, \$168,196.24. 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, \$25,795.00. 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. Present book value, \$23,492.69. The income only is to be used toward the payment of professors' salaries.

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, \$120,991.54.

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, \$210,754.11.

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, \$121,480.36.

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. A return at 4% interest is to be credited to income to the College and the balance of net income is to be applied in a building fund for the annual reduction of the investment, and/or to a depreciation reserve fund to cover extraordinary repairs. The book value has thus been reduced to \$273,331.70.

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, \$98,346.29.

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, \$13,610.80.

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. Present book value, \$77,093.02. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,635.43.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 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 income only is to be used, and for general purposes. Present book value, \$4,844.02.

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, \$48,165.07.

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, make a total of \$108,253.10. There are some participations in real estate not yet liquidated, which will increase or decrease this fund. The income is used for general purposes, with a usual allotment of \$300 for Quaker books. Present book value, \$103,435.16.

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, \$4,817.71.

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, \$4,769.54.

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, \$270,528.30.

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. Present book value, \$963.54.

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, \$2,408.86.

TRIANGLE SOCIETY ENDOWMENT FUND

In 1934, the Triangle Society set up a plan of taking out insurance policies on the lives of some of its younger members. To date ten such policies have been issued, nine for \$500 each and one for \$1,000, with the College as beneficiary.

The actual fund was opened in 1945-46 with \$500, proceeds on the life of H. Conrad Atkinson, '40, who was lost in the Pacific in 1942 while serving in the Air Corps. Present book value, \$500.

MORRIS E. LEEDS FUND

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes, the income only to be used. Present book value, \$39,428.52. This fund is subject to an annuity of \$1600, during the life of its donor.

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.

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. Present book value, \$1,979.41.

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, \$346,113.51. 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. Present book value, \$9,301.50. The income is used toward the expenses of the Morris Infirmary.

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. Present book value, \$4,875.05. 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.

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift 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, \$1,810.33.

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, \$5,066.13. 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, \$5,847.96. 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, \$19,094.90. 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. Present book value, \$4,871.92. The income only is to be used to sustain the "Richard T. Jones Scholarship."

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. Present book value, \$6,757.92. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

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. Present book value, \$7,631.02. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,012.96. 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.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present

book value, \$8,292.36. 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, Caspar 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, \$2,843.61.

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, \$4,967.88.

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."

Present book value, \$4,817.71.

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, \$4,861.65.

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; and \$2,000 in 1945; 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 scholarships 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, \$18,813.65.

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, \$4,834.39.

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 \$2,890.62.

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, \$22,082.29.

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. 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, 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 and \$425 in 1945-1946. Present book value, \$3,939.85.

DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943 by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass. This will be increased 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 1944-1945. And, Grant Foundation, Inc., gave \$10,000, also in 1944-45. Mrs. Grant made a further gift of \$1,000 in 1945-46.

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. Present book value, \$15,078.73.

CHRISTIAN FEBIGER SCHOLARSHIP FUND

(This fund is new this year)

Founded Sixth Month 13, 1946 by a gift of \$8,000.00 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College.

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, \$16,799.42. 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, \$65,367.68. 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." Present book value, \$4,817.71. 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 appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

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. Present book value, \$19,566.40. 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, \$166,842.34. 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 present 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 \$635.47, 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 also 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, \$612.30.

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, \$965.80.

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 \$6,341.02.

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, \$1,207.83.

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, \$39,733.67. 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, \$35,418.53. 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, \$65,630.50. 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. Present book value, \$3,152.93. 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.

HVERFORD 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, \$107,955.98. 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, \$5,056.68. 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. Present book value, \$1,085.68. 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 or, 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.

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 \$2,189.40.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$8,890.67. 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."

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, \$2,213.14. 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, \$1,680.48. 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. Present book value, \$2,454.02. 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.

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. Present book value, \$4,933.63. 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.

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 \$2,421.30. 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.

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, \$2,076.43.

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. Present book value, \$1,346.79. 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.

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, \$2,312.51. 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. Present book value, \$4,420.49.

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, \$1,927.09.

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.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn 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, \$963.54.

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 \$3,699.55.

JACOB AND EUGENIE 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 God¹; 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.²

"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, \$3,334.45.

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, \$1,118.82.

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 totalling \$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 Tilne. Present book value, \$5,000.

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.

STATED MEETINGS OF THE CORPORATION
AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth Month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1944-45 will be held on the second Sixth-day of First and Third Months, and on the third Sixth-day of Fifth, Ninth and Eleventh months.

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.

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.

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 estate: (Here describe the real estate.)

