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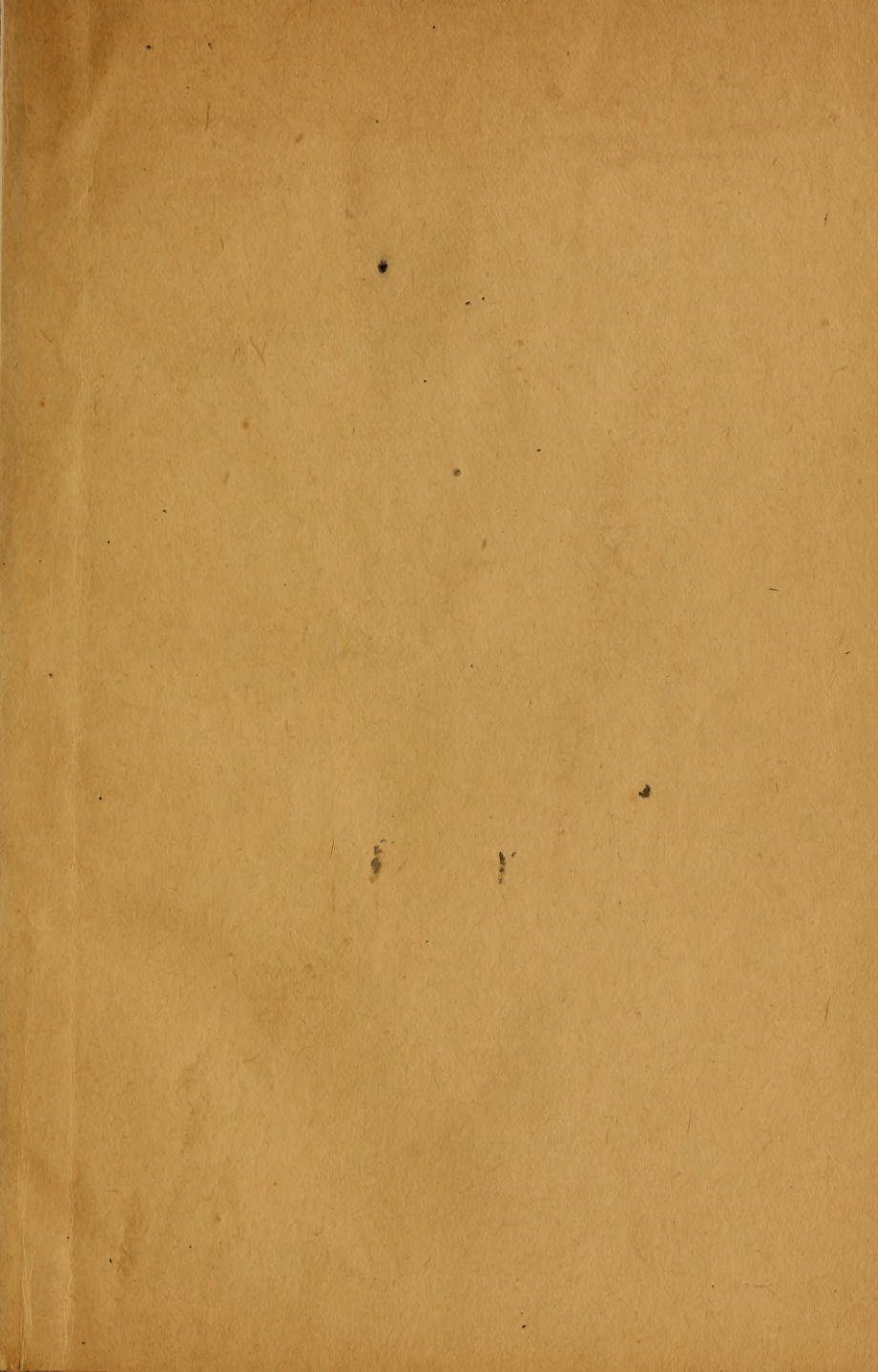
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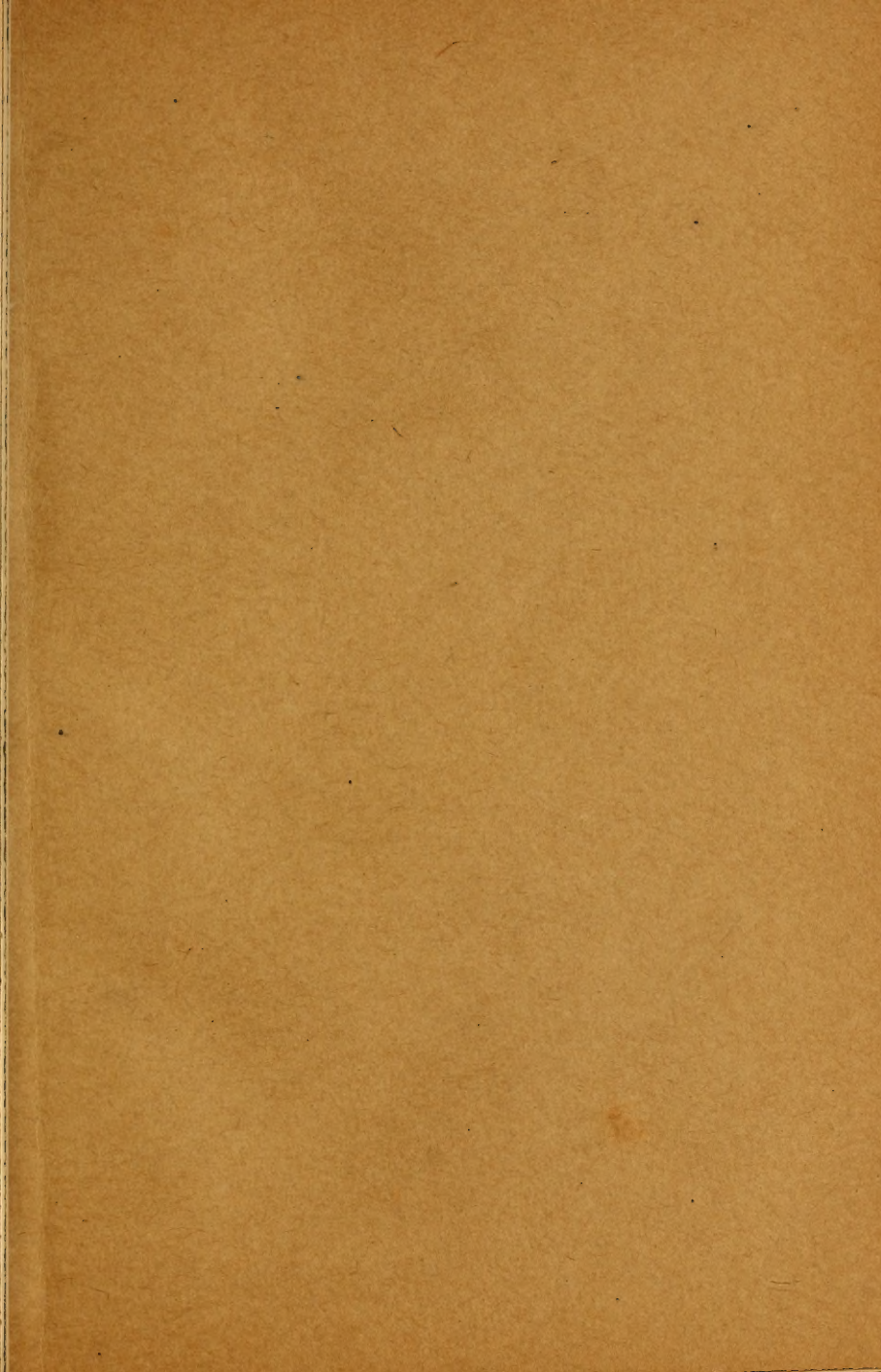
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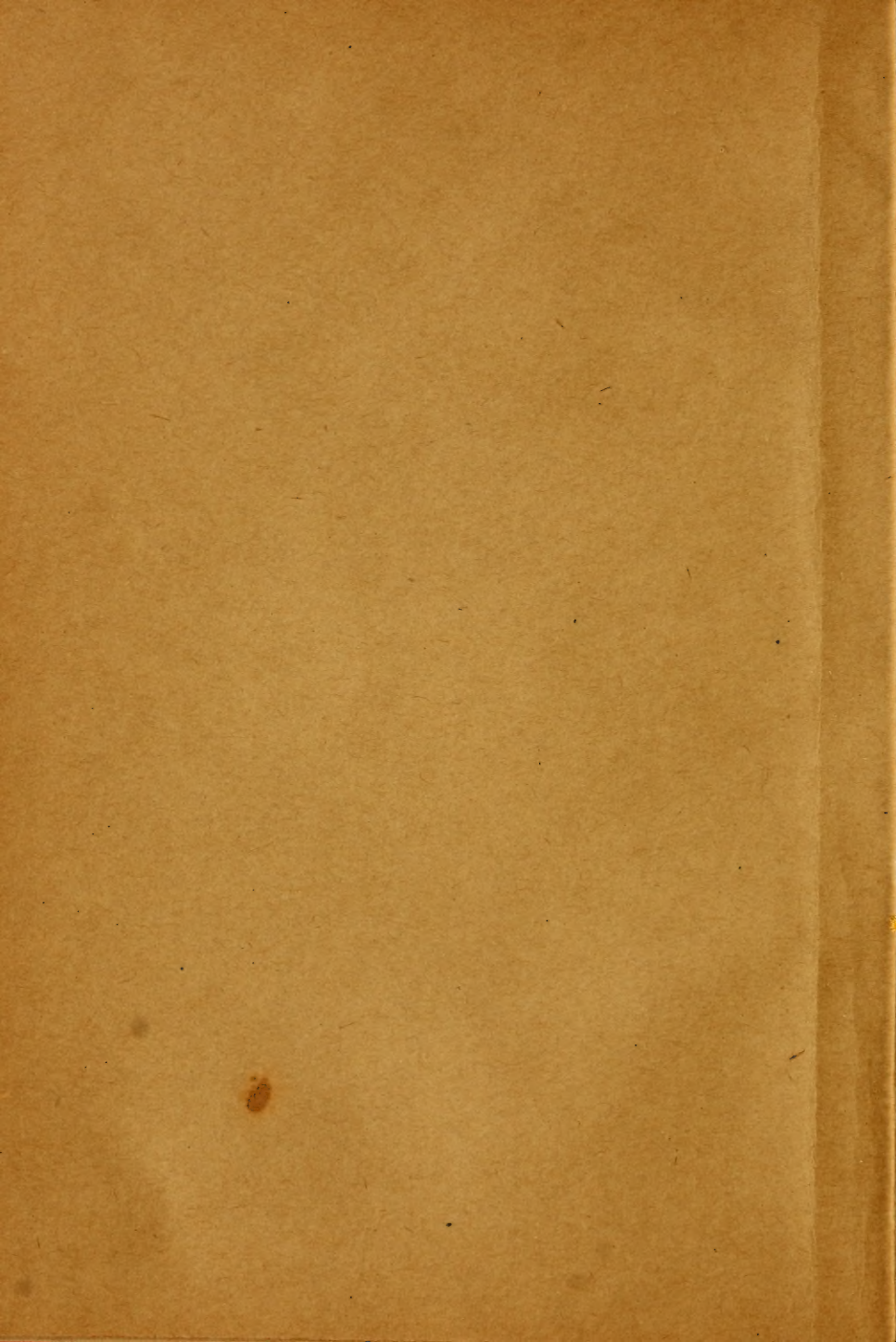
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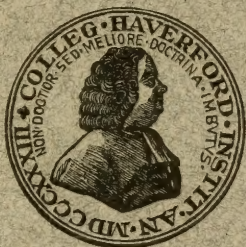
# HAVERFORD COLLEGE BULLETIN.

VOL. XVII

TENTH MONTH, 1918

No. 1

Reports of the President of the College  
and Treasurer of the Corporation  
1917-1918



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THE CORPORATION  
OF  
HAVERFORD COLLEGE

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REPORTS OF  
PRESIDENT OF THE COLLEGE  
TREASURER OF THE CORPORATION

*PRESENTED AT THE ANNUAL MEETING*

TENTH MONTH 8TH, 1918

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### *Treasurer.*

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ASA S. WING, *President*

MORRIS E. LEED., *Secretary*

409 Chestnut St., Phila.

4901 Stenton Ave., Germantown, Phila.

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FACULTY\*  
1918-1919

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WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.  
President

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President, *Emeritus*, and Dean of the Thomas Wistar  
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HENRY SHERRING PRATT, PH.D.  
David Scull Professor of Biology.

†JAMES ADDISON BABBITT, A.M., M.D.  
Professor of Hygiene and Physical Education.

RUFUS MATTHEW JONES, A.M., LITT.D.  
Professor of Philosophy.

DON CARLOS BARRETT, PH.D.  
Professor of Economics.

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\* The Faculty list is arranged in four groups: professors, associate professors, assistant professors, and instructors. To this is added the assistants in instruction. In each group the names occur in the order of seniority on the Faculty.

† Absent on leave.

FACULTY

LEGH WILBER REID, PH.D.

Professor of Mathematics.

\*FREDERIC PALMER, JR., PH.D.

Dean and Professor of Physics.

WILLIAM EDWARD LUNT, PH.D.

Walter D. and Edith M. L. Scull Professor of English  
Constitutional History.

ELIHU GRANT, PH.D.

Professor of Biblical Literature.

ALBERT SIDNEY BOLLES, PH.D., LL.D.

Lecturer on Commercial Law and Banking, *Emeritus*.

\*LEON HAWLEY RITTENHOUSE, M.E.

Associate Professor of Mechanics and Electricity.

RAYNER WICKERSHAM KELSEY, PH.D.

Associate Professor of History.

ALBERT HARRIS WILSON, PH.D.

Associate Professor of Mathematics and Acting Dean.

\*HENRY JOEL CADBURY, PH.D.

Associate Professor of Biblical Literature and of Greek.

†FRANK DEKKER WATSON, PH.D.

Associate Professor of Social Work and Assistant to the President.

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\* Absent on leave.

† Absent on leave for the first half year.

*FACULTY*

DEAN PUTNAM LOCKWOOD, PH.D.  
Associate Professor of Latin.

OSCAR MARSHALL CHASE, S.M.  
Registrar and Assistant Professor of Drawing.

THOMAS KITE BROWN, JR., A.M.  
Assistant Professor of German.

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Assistant Professor of Physics.

EDWARD DOUGLAS SNYDER, PH.D.  
Assistant Professor of English.

JAMES MCFADDEN CARPENTER, JR., A.M.  
Instructor in Romance Languages.

ABRAHAM HENWOOD, PH.D.  
Instructor in Chemistry.

---

WILLIAM HENRY COLLINS, A.M.  
Superintendent of Buildings and Grounds.

HELEN SHARPLESS  
Acting Librarian.

PERCY GAYDE GILBERT  
Assistant in the Engineering Laboratory.



## PRESIDENT'S REPORT

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The following report made by the President of the College, acting under instruction of the Board of Managers, is to take the place of the report formerly made by the Board of Managers to the Corporation of Haverford College, in addition to the usual report to the Board of Managers made by the President of the College.

Since the last annual report the Board of **Board of Managers** Managers has taken the following actions, which should be noted in this place:

Willard E. Swift, of the class of 1903, was appointed a member of the Board of Managers to fill the vacancy caused by the resignation of Samuel L. Allen.

On Eleventh Month 16th, the following action was taken: *Resolved*, That Parker S. Williams be appointed by the Board as legal counsel to Haverford College, he to be associated in that capacity with George Vaux, Jr., our present counsel; and that Parker S. Williams be invited to attend all meetings of the Board and participate in the discussions therein.

The name of the fund for the establishment of a Chair in English Constitutional History, held by Professor W. E. Lunt, has been changed to bear the name of the Walter D.

## HAVERFORD COLLEGE

and Edith M. L. Scull Chair of English Constitutional History.

On Third Month 15th, the Board of Managers decided that "future appointments and reappointments to the faculty, below the grade of full professor, be made at an annual salary, to be fixed at the time of appointment, for such period of tenure as was attached to each grade by action of the Board in 1916."

Dr. W. W. Baker, Professor of Greek, died shortly after the opening of college in October, 1917. The Board made the following minute in regard to Dr. Baker, and directed the secretary to send a copy of it to his widow:

"William W. Baker, Ph.D., came to Haverford in charge of the instruction in Greek in 1904, succeeding Seth K. Gifford.

"He had received his education in the Boston Latin School and Harvard University. His strongest qualities, as his friends on the faculty soon noted, were insistence on work of a high character and most conscientious fidelity to the duties of the position. His students who remained in his classes for some time all agree in speaking of the value of his instruction in teaching accuracy, thoroughness, and appreciation of classic literature and scholarship.

"As a man outside the class-room his interest in all questions of moral reform made him a potential agent for good in the community, and he won general respect by his efforts,

## PRESIDENT'S REPORT

through courses of lectures and personal work, in promoting good causes.

"We feel that the college has sustained a serious loss in his death, which occurred, as the result of an accident, on Tenth Month 12th, 1917, in the forty-first year of his age."

The attendance of students during the **Attendance** year 1917-1918 was 171. For 1918-1919 there are now entered 70, of whom 32 are Freshmen, and 7 are new admissions to the advanced classes.

There were graduated in 1918 25 students of whom 3 received the degree of Master of Arts, 11 Bachelor of Science, and 11 Bachelor of Arts.

Professor W. W. Baker's work in Greek was **Faculty** taken over last year very satisfactorily by **Changes** Albert W. Barker and Dr. Henry J. Cadbury. For the next year Dr. Cadbury's title will be Associate Professor of Biblical Literature and of Greek.

Dr. James A. Babbitt, Professor of Hygiene, has been with the Friends' Reconstruction Unit in France engaged in valuable medical service during the past year. It is expected that he will be absent during part of the college year 1918-1919. Professor Pratt will be in charge of Dr. Babbitt's academic work during his absence.

Associate Professor Richard M. Gummere has retired from the Chair of Latin, which he has held with conspicuous success, in order to direct the policies of the William Penn Charter

## HAVERFORD COLLEGE

School as its headmaster. While deep regret is felt for the loss to Haverford of Professor Gummere's scholarly ability and generous co-operation in every good purpose, it is nevertheless cause for deep satisfaction that the old school has chosen as its headmaster one of our most beloved and representative graduates. As his successor the Board has appointed Associate Professor Dean P. Lockwood, formerly of Columbia University and a doctor of Philosophy from Harvard. The broad experience of Professor Lockwood in Classical Philology and in Bibliography will, I feel sure, enable him to continue the best traditions of our Latin Department and to make for himself a warm place in our esteem.

Dr. W. B. Meldrum, Assistant Professor of Chemistry, resigned at the end of the last college year to enter the service of the Government as a chemical expert. Abraham Henwood, Ph.D., recently a member of the faculty of the Drexel Institute, has been appointed Instructor in Chemistry for the next year.

L. Arnold Post, A.M., of the class of 1911, Instructor in Romance Languages, and Ralph V. Bangham, A.M., Instructor in Biology, have resigned.

During the next year it has seemed expedient to release some members of our faculty from part or all of their duties at Haverford in order that they may engage in other forms of service at the present time.

## PRESIDENT'S REPORT

L. H. Rittenhouse, Associate Professor of Engineering, has sabbatic leave of absence for the next year to engage in work for the Fuel Administration.

Dean Frederic Palmer, Jr., Professor of Physics, will join the staff of the Physics Department at Harvard University for the coming year.

Dr. Frank D. Watson, Associate Professor of Social Work and assistant to the President, will devote part of his time to directing the work of the Pennsylvania School for Social Service.

Professor William E. Lunt will be associated with a committee of historians who are preparing data of importance for the Government, to be used in a future peace settlement.

There have always been students at Haverford College who, either partially or wholly, have supported themselves by doing various kinds of outside work. But because in the main this work has been done indifferently well, no serious attempt has been made by any of the college officers to help students to obtain work throughout a larger territory, or to interest the neighboring community in turning to Haverford whenever there was work to be done.

Last year, due to war conditions, it was decided to make an attempt to interest more students in doing remunerative work outside the college, and also to call the attention of

**Students'  
Employment**

## HAVERFORD COLLEGE

our neighbors in Ardmore, Haverford and Bryn Mawr to the fact that workers of all sorts were available at the college at small expense.

The response was immediate, with the result that soon there were not enough men available to meet the demands, and another call for volunteer workers from the student body was made. The total number of men who finally received employment through this organization was 46. They obtained appointments to 194 separate positions, and received in payment a total of \$1,518.28.

It is hoped that Haverford alumni will turn to the college whenever they have need of such assistance as can be supplied by students in the college, and especially that the alumni will apply to the college for candidates to fill permanent business and professional positions.

### Library

During the year ending Ninth Month 30th, 1918, there were added to the library 3,076 volumes, of which 1,978 were bought, 602 were gifts from various persons, and 335 were periodicals and pamphlets bound, and 133 were from the United States Government "on deposit," 53 were withdrawn as lost or worn out, making the total numbers of volumes in the library at the above date 75,204.

During the year 8,245 volumes were withdrawn for use outside the building. Of this number 3,984 (including "overnight books") were withdrawn by students, 3,466 by members

## PRESIDENT'S REPORT

of the faculty and others connected with the college, and 825 by residents on the college grounds and others.

The work of the infirmary, under the care **Infirmary** of Dr. Frederic C. Sharpless, is shown by the accompanying figures:

### *House Patients in Infirmary.*

59 individual patients attended.

8 days average to patient in infirmary.

### *Infirmary Office Patients.*

114 individual patients attended.

670 patients, duplicating each day.

195 days.

Average about 4 patients a day.

The following lectures outside of the regular **Lectures** course have been given during the year:

### *Haverford Library Lectures:*

"Christianity and the Day's Work," by the Reverend Edward A. George of the First Congregational Church of Ithaca, N. Y.

2nd mo. 12th and 14th, 1918.

### *Thomas Shipley Lecture:*

"The Evergreen Tree," by Percy MacKaye.

1st mo. 4th, 1918.

### *Graduate School Lectures:*

"Democracy and Peace," by Dr. John Bates Clark, Professor of Political Economy in Columbia University and head of the Department of Economics and History of the Carnegie Endowment for International Peace.

12th mo. 21st, 1918.

## HAVERFORD COLLEGE

"Christianizing America's Relation with China and Japan," by Dr. Sidney L. Gulick, Secretary of the World Alliance for Promoting International Friendship.  
1st mo. 4th, 1918.

"The Farmer after the War," by Gifford Pinchot.  
1st mo. 11th, 1918.

"Education after the War," by Dr. John Dewey, Professor of Philosophy in Columbia University.  
1st mo. 18th, 1918.

"The Message of the Church after the War," by Dr. John Haynes Holmes of the Church of the Messiah, New York.  
1st mo. 25th, 1918.

### *Faculty Lectures:*

"With the British Troops in Mesopotamia," by L. Arnold Post, A.M., Instructor in Romance Languages in Haverford College, recently returned from Y. M. C. A. work in the East.  
11th mo. 14th, 1917.

A course of lectures on Ethics, by Dr. George Herbert Palmer, Emeritus Professor at Harvard University.  
Beginning 2nd mo. 5th, 1918 and continuing for about three months.

"The Modern Inhabitants of Jerusalem and Vicinity," by Elihu Grant, Ph.D., Professor of Biblical Literature in Haverford College.  
2nd mo. 6th, 1918.

### *Other Lectures:*

"The Modern Newspaper," by Royal J. Davis (Haverford College 1899), Associate Editor of the New York Evening Post. Under the auspices of the Social Science Club.  
10th mo. 24th, 1917.

"Work among Fishermen on the Labrador Coast," by Dr. Wilfred T. Grenfell.  
11th mo. 15th, 1917.



## PRESIDENT'S REPORT

"Reconstruction Work in France," by J. Henry Scattergood (Haverford College 1896), Representative of the American Friends' Service Committee in France and Member of the American Red Cross Commission.  
11th mo. 21st. 1917.

"Proportional Representation," by Clarence G. Hoag (Haverford College 1893), General Secretary of the American Proportional Representation League. Under the auspices of the Social Science Club.  
12th mo. 17th, 1917.

"The Work of the Department of Forestry," by Irvin C. Williams, Deputy Commissioner of Forestry for Pennsylvania.  
1st mo. 7th, 1918.

"Can America Finish Those Ships in Time," by Frank P. McKibben of the Emergency Fleet Corporation, United States Shipping Board.  
1st mo. 9th, 1918.

"Contemporary Russian Art," by Christian Brinton (Haverford College 1892), M.A., Litt.D.  
4th mo. 5th, 1918.

"The Political Factors of Allied Success," by Norman Angell.  
4th mo. 10th, 1918.

"War Relief Work in Russia," by Robert R. Tatlock. Under the auspices of the American Friends' Service Committee.  
4th mo. 24th, 1918.

"England Remade: The New Social Order," by S. K. Ratcliffe of England, Editorial Writer and London University Extension Lecturer on Sociology, Literature and History.  
5th mo. 13th, 1918.

### *Miscellaneous:*

Annual Meeting of the Main Line Citizens' Association. "My Experiences Abroad during the Past Two Years," by Dr. Daniel J. McCarthy, Member of the American Ambulance in France, Attaché at the American Embassy in Berlin under Ambassador

## HAVERFORD COLLEGE

Gerard, Member of the American Red Cross Commission to Russia; and "The National Food Question," by Alexander Cairns, representing Mr. Hoover.

12th mo. 7th, 1918.

Annual Contest in Public Speaking for The Everett Society Medal.

5th mo. 15th, 1918.

Junior Night.

5th mo. 3rd, 1918.

Commencement Day. Commencement Exercises in Roberts Hall, with address by Alexander Meiklejohn, Ph.D., LL.D., President of Amherst College.

5th mo. 30th, 1918.

### Donations

Under the will of Mary Hickman Garrett, the college will receive a fund of \$25,000 to constitute a memorial of her husband, the late Albin Garrett of the class of 1864.

There have been many smaller gifts from interested friends for specific purposes, which are included in the financial statement. The fund of \$15,000 to cancel the indebtedness contracted in the operation of the college during the past year is especially noteworthy. It is cause for great satisfaction that over forty persons contributed toward the completion of this large fund, which in the nature of the case was not calculated to make a popular appeal.

### The College Year

The year just closing has been both trying and interesting. It has been interesting because of greater intensity of purpose which has marked our college community and because of the closer sympathies which have reached out from here to remote parts. It has been trying to us for a reason intimately associated

## PRESIDENT'S REPORT

with an institution devoted to education. One of the marks of a progressive college is its constructive plans for the future—plans in which many men have collaborated and which should express our communal ideals. The circumstances prevailing this past year have dictated a conservative policy in which economy and retrenchment were required. He is the most successful executive just now who can keep down the mounting figures of indebtedness. Despite our efforts, it has cost approximately fifteen thousand dollars more to run the college and keep up its educational efficiency than we have received from our usual sources of income. It is highly gratifying that the alumni and friends of the college have contributed the whole of this sum, so that we are able to face the vicissitudes of the coming year without the handicap of this large deficit. To our efforts towards economy the students have generously responded. Indeed, by their own initiative they have anticipated our action in important methods of food and fuel conservation. Patriotic and economic interests were here identical, and both the community and the college have in some degree profited by the double loyalty of the undergraduates. It is probable that some further economies will be necessary next year, and I count with confidence upon the co-operation of our students in such steps as are necessary to this end.

## HAVERFORD COLLEGE

Haverford traditionally encourages the formation of individual judgment concerning duty. Through lectures, exhortations, and personal conferences, the officers and professors of the college have sought, when asked, to aid students in finding their individual call to service. I am happy to say there has been very little desire on the part of our students to dodge the responsibility incumbent upon the youth of today. Thus, no coercion or propaganda has been employed to influence our students for or against the passionate movements of our times. We have not been unmoved by the unparalleled emotions which throb throughout the nation, but we have not been hysterical. I think we have been sane. The recommendations of those in authority which come within the scope of our possibility have been carefully heeded. Undergraduate committees have promoted the interests represented by the Y. M. C. A., the Red Cross, and Liberty Loan campaigns for money. Members of the faculty have shared in these enterprises, and have given valued aid to the American Friends' Service Committee. The college authorities have co-operated to the extent of their abilities in food and fuel conservation, in the enlistment of summer workers in field and factory, and finally in excusing from entrance examinations school graduates under certain conditions and in granting residence credit to

## *PRESIDENT'S REPORT*

those students who withdrew during the spring to enter Government or humanitarian service.

In all this we have done nothing which we feel as yet any cause to regret. Following the advice so often given from Washington, we have sought to keep in college at their work and sports students who were yet far below the then draft age of twenty-one, in order that their education might carry them as far as possible toward the happy accomplishment of their future tasks. But, both last year and this, as our students have approached the age of twenty-one, they have in increasing numbers announced their determination, reached in private, to give their time and perhaps their life for some great cause. It has been hard to see these fine fellows go, in most cases without their degree, at least for the time being. But, after all, they are true Haverfordians with or without a degree, and they are doing that for which we are educating them: their duty. Across the sea, in camp and cantonment, our thoughts have followed them, and we trust they may be granted a safe return.

During the summer vacation the draft age was lowered to eighteen (for military service). This at once produced a profound change in the prospects of all institutions of higher learning. The great majority of such institutions accepted the Government's generous proposal to install upon request units of the Students'

## HAVERFORD COLLEGE

Army Training Corps. As was expected, the Board voted unanimously on Ninth Month 12th not to install a unit of the Students' Army Training Corps at Haverford, but to maintain the college at its usual degree of efficiency in training for the duties of citizenship such young men as might resort to us for undergraduate courses in arts and science.

Referring to Haverford's attitude towards the Government's offer to co-operate with institutions of higher learning at this time, the following extract from a letter sent to the patrons of the college on Ninth Month 13th may be of interest as a matter of historical record:

"This provision of the Government offers a generous co-operation with the cause of education in this country, for the plan supplies both students and funds. There are some colleges, however, which, if they are to maintain their allegiance to their best traditions and principles, find themselves unable to participate in these plans by installing a unit of the S. A. T. C. As a college governed by members of the Society of Friends, whose historic convictions with regard to all war are well known, Haverford feels that it must choose other ways of working constructively for the welfare of the nation and the future of society.

"The Government's plan is the outcome of its desire to train and render quickly available the officer material which will be required for

## PRESIDENT'S REPORT

the large armies to be placed in Europe in 1919. To this end daily military drills, weekly inspection, barrack life, army mess—all under orders of a resident military officer whose authority is necessarily supreme—will be introduced. Most notable are the instructions that no time is to be spent by enlisted men upon subjects which have no bearing upon the science of warfare, and that such academic subjects as may be approved are to be taught from the standpoint of their utilitarian value in the present emergency. It was made clear at the Plattsburg Conference, September 3-4, that it would be necessary for colleges with a S. A. T. C. to make military instruction their *main* object instead of a *minor* object. Such undergraduate colleges will be for an indefinite time effectively military academies specializing in highly technical studies.

“It should be stated that thus far the Government has not used any pressure, other than that of the practical advantages mentioned above, to induce our colleges to embrace its plan. At Washington the attitude of Friends is well understood and their loyalty unquestioned. We have the best authority for stating that the War Department is not averse to such colleges as Haverford, which see clearly their course, continuing their thorough training for citizenship and for international service by preserving an academic programme under their own control. We

## HAVERFORD COLLEGE

highly appreciate this confidence and we dedicate our efforts as citizens and educators to deserve it. There is a constant demand for teachers and investigators fitted to deal with the many problems confronting the nation requiring other than a military solution. Regardless of the heavy cost involved, we intend to maintain at Haverford this year such a scholarly standard as shall commend our action, taken on conscientious grounds, to all those who cherish the freedom which higher education has always enjoyed in our land under the guarantees of our democracy."

The announcement of this decision resulted in the loss of most of our students who would naturally have returned for the coming year, and in the material reduction of Freshmen over eighteen years of age. What the permanent effect of this decision will be remains to be seen. At present, by maintaining its courses unaltered, Haverford is the exception among the colleges of its class, and its fortunes will be watched during the next few years by many educators.

### **Graduate School**

The Thomas Wistar Brown Graduate School has worked out some of the problems of its first year.

A group of five students, two women and three men, took courses at the school. Three of these received their degrees of Masters of Arts at the Commencement. There were also a number of attenders at certain of these courses.



## PRESIDENT'S REPORT

Those who gave the regular instruction were Rufus M. Jones in Philosophy, Henry J. Cadbury in the New Testament, Elihu Grant in Old Testament and Mission Work, and Frank D. Watson in Social Work.

Professor George H. Palmer of Harvard gave a course of lectures on *Ethics* and another on *Poetry*, and the Dean of the school met the students in a course on *Conscience and the State*.

The school financed a series of talks in Philadelphia, attended by our students, on *Modern Economic Problems* and also a course of more popular lectures on *Conditions after the War*.

While war conditions have modified many of our plans and temporarily cut off our supply of men students, the purpose and usefulness of the school, in harmony with the wishes of the donor, seem to become clearer as we proceed.

Extensive repairs and adaptations of the building to the uses of the school have been necessary and these have been provided from the income of the fund.

PUBLICATIONS OF THE FACULTY  
1917-1918

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- BARKER, ALBERT W.—*The Subjective Factor in Greek Architectural Design*. American Journal of Archaeology, Vol. XXII (1918), No. 1, pp. 1-24.
- BARRETT, DON C.—Review of Thorstein Veblen's *An Inquiry into the Nature of Peace and the Terms of its Perpetuation* (The Macmillan Company, New York). The American Scandinavian Review, Vol. V, No. 6, p. 374.
- BOLLES, ALBERT S.—*Bolles' Manual for Business Corporation Meetings*. The John C. Winston Co., Philadelphia, 1918, 16 mo., pp. 278.
- CADBURY, HENRY J.—*Ruthlessness Abroad—and at Home*. The World Tomorrow, March, 1918, Vol. I, No. 3, pp. 55-57.  
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Haverford College

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SUMMARY OF THE ACCOUNT  
OF THE TREASURER OF  
THE CORPORATION OF HAVERFORD COLLEGE

For the Year ending Eighth Month 31st, 1918.

RECEIPTS.

Income from Funds for General Purposes:

General Endowment Fund . . . . .	\$5,048.51
John Farnum Memorial Fund . . . . .	1,850.57
John M. Whittall Fund . . . . .	468.06
David Scull Fund . . . . .	1,854.36
Edward L. Scull Fund . . . . .	545.20
Wistar Morris Memorial Fund . . . . .	184.28
Israel Franklin Whittall Fund . . . . .	591.59
Jacob P. Jones Endowment Fund . . . . .	57,461.81
John Farnum Brown Fund for Bible Study, etc. . . . .	11,582.65
Ellen Waln Fund . . . . .	513.60
Clementine Cope Endowment Fund . . . . .	1,072.55
Joseph E. Gillingham Fund . . . . .	2,550.53
Henry Norris Fund . . . . .	239.81
Elizabeth H. Farnum Fund . . . . .	492.55
James R. Magee Fund . . . . .	422.71
Albert K. Smiley Fund . . . . .	44.80
Walter D. and Edith M. L. Scull Fund . . . . .	19,765.64*
	\$104,689.22

Income from Fund for Thomas Wistar Brown Graduate  
School:

Moses Brown Fund . . . . .	16,193.30
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\* This includes \$16,887.66 income accumulated before the fund was received by the corporation.

*HAVERFORD COLLEGE*

<b>Income from Funds for Morris Infirmary:</b>		
Infirmary Endowment Fund.....	\$438.85	
John W. Pinkham Fund.....	222.91	
		\$661.76
<b>Income from Funds for Scholarships:</b>		
Thomas P. Cope Fund.....	\$277.66	
Edward Yarnall Fund.....	289.24	
Isaiah V. Williamson Fund.....	929.02	
Richard T. Jones Scholarship Fund.....	205.73	
Mary M. Johnson Scholarship Fund.....	365.01	
Sarah Marshall Scholarship Fund.....	338.83	
Clementine Cope Fellowship Fund.....	1,140.82	
Isaac Thorne Johnson Scholarship Fund...	247.28	
		3,793.59
<b>Income from Funds for the Library:</b>		
Alumni Library Fund.....	\$850.24	
Mary Farnum Brown Library Fund.....	4,044.86	
William H. Jenks Library Fund.....	245.24	
Mary Wistar Brown Williams Library Fund.	888.71	
Anna Yarnall Fund.....	314.86	
		6,343.91
<b>Income from Funds for Pensions:</b>		
President Sharpless Fund.....	\$2,109.52	
William P. Henszey Fund.....	1,794.61	
Jacob P. Jones Benefit Fund.....	3,068.25	
Pliny Earle Chase Memorial Fund.....	214.36	
Haverford College Pension Fund.....	2,382.89	
		9,569.63
<b>Income from Funds for Special Purposes:</b>		
Thomas Shipley Fund.....	\$229.62	
Elliston P. Morris Fund.....	46.85	
Special Endowment Fund.....	490.00	
Elizabeth P. Smith Fund.....	45.30	
Scholarship Improvement Prize Fund.....	98.00	
Hinchman Astronomical Fund.....	595.60	
S. P. Lippincott History Prize Fund.....	98.00	
		1,603.37
<b>Total Income from all Funds.....</b>		<b>\$142,854.78</b>

## TREASURER'S REPORT

### Income from College Sources:

Board and Tuition—	
Cash .....	\$54,352.21
Scholarships and Fellowships ..	14,100.00
	\$68,452.21
Board and tuition for 1918-19 .....	1,950.00
Board of professors .....	1,295.00
Rents .....	4,610.99
Infirmary .....	1,335.77
Library .....	310.43
Chemical laboratory .....	209.93
Skating pond .....	54.40
Stationery .....	595.79
	\$78,814.52
Receipts for account of previous years .....	2,417.89
Income from Isaac Sharpless Hall Fund (temporarily invested) .....	1,707.69

### Donations:

For Isaac Sharpless Hall .....	\$15,050.00
Periodicals in Library .....	10.00
Tree Fund .....	200.00
Special Scholarship .....	200.00
Grenfell lecture .....	100.00
American University Union in Europe	
Haverford membership .....	100.00
Economic Convention .....	410.00
Books of Charles Roberts' collection ..	1,500.00
Special expenses paid by Alumni Association .....	911.35
Prizes .....	50.00
Deficit .....	12,575.00
	31,106.35

*HAVERFORD COLLEGE*

Additions to the Funds:

Jacob P. Jones Endowment Fund invest- ment realized . . . . .	\$212.50
Anna Yarnall Fund—balance under legacy . .	1,069.11
Walter D. and Edith M. L. Scull Fund— under legacies on account . . . . .	73,135.00
	\$74,416.61

Income credited to Contingent Account . . . . .	1,454.18
Money borrowed temporarily . . . . .	274,550.00

Investments Realized:

General Endowment Fund . . . . .	\$8,500.00
Alumni Library Fund . . . . .	550.00
Isaiah V. Williamson Fund . . . . .	3,000.00
John M. Whittall Fund . . . . .	1,500.00
Richard T. Jones Scholarship Fund . . . . .	1,100.00
David Scull Fund . . . . .	7,550.00
Wistar Morris Memorial Fund . . . . .	5,000.00
Mary Farnum Brown Library Fund . . . . .	3,000.00
Mary M. Johnson Scholarship Fund . . . . .	1,000.00
Sarah Marshall Scholarship Fund . . . . .	1,000.00
Jacob P. Jones Endowment Fund . . . . .	66,900.00
John Farnum Brown Fund . . . . .	6,000.00
Joseph E. Gillingham Fund . . . . .	3,000.00
President Sharpless Fund . . . . .	500.00
Henry Norris Fund . . . . .	500.00
Jacob P. Jones Benefit Fund . . . . .	5,500.00
Haverford College Pension Fund . . . . .	300.00
Isaac Sharpless Hall Fund . . . . .	29,462.50
Moses Brown Fund . . . . .	3,000.00
Anna Yarnall Fund . . . . .	3,700.00
Walter D. and Edith M. L. Scull Fund . . . . .	2,000.00
	153,062.50

Balances Eighth Month 31st, 1917:

In President's hands . . . . .	\$3,529.65
In Treasurer's hands . . . . .	4,436.54
	7,966.19
	\$768,350.71



## TREASURER'S REPORT

### EXPENDITURES.

#### Expenses of running the College:

Salaries.....	\$86,977.50	
Provisions.....	23,528.16	
Wages.....	15,690.13	
Family expenses and furniture.....	4,245.70	
Fuel and lights.....	15,321.81	
Lawn and garden.....	3,829.79	
Infirmary.....	2,184.49	
Library.....	461.42	
Biological laboratory.....	702.21	
Physical laboratory.....	345.52	
Machine shop and drawing room.....	404.71	
Observatory.....	7.25	
Gymnasium and athletics.....	2,679.72	
Printing and advertising.....	1,476.84	
	<hr/>	\$157,855.25
Repairs and improvements.....	15,910.11	
Farm.....	5,916.56	
Alterations to farm house.....	\$2,797.97	
Alterations to tenant house.....	1,285.40	
	<hr/>	4,083.37
New teacher's cottage on College Avenue, completed.....		3,202.57
Interest.....	\$5,814.81	
Taxes.....	4,065.13	
Insurance.....	486.30	
Incidentals.....	967.35	
	<hr/>	11,333.59

#### For Thomas Wistar Brown Graduate School:

Expenses other than salaries from income of Moses Brown Fund.....	8,084.71
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Total expenses of running the College.....\$206,386.16

#### For Scholarships and Fellowships:

From income General Endowment Fund...	\$900.00
From income Jacob P. Jones Endowment Fund.....	9,050.00

*TREASURER'S REPORT*

From income Joseph E. Gillingham Fund . .	\$800.00
From income Thomas P. Cope Fund . . . . .	200.00
From income Edward Yarnall Fund . . . . .	300.00
From income Isaiah V. Williamson Fund . .	1,000.00
From income Richard T. Jones Scholarship Fund . . . . .	400.00
From income Mary M. Johnson Scholarship Fund . . . . .	300.00
From income Sarah Marshall Scholarship Fund . . . . .	300.00
From income Clementine Cope Fellowship Fund—at Harvard . . . . .	500.00
From income Isaac Thorne Johnson Scholar- ship Fund . . . . .	250.00
	\$14,000.00

Expenditures from Library Funds:

Books, etc., from income Alumni Library Fund . . . . .	\$796.71
Books, etc., from income Mary Farnum Brown Library Fund . . . . .	3,561.17
Lectures from income Mary Farnum Brown Library Fund . . . . .	350.00
Books, etc., from income William H. Jenks Library Fund . . . . .	406.63
Books, etc., from income Mary Wistar Brown Williams Fund . . . . .	748.89
Taxes from income Anna Yarnall Fund . . .	351.92
Books from income Walter D. and Edith M. L. Scull Fund . . . . .	532.41
	6,747.73

Pensions:

Annuity from Pliny Earle Chase Memorial Fund . . . . .	\$100.00
Pensions . . . . .	7,440.00
	7,540.00

## TREASURER'S REPORT

### Expenditures for Special Purposes:

Lectures from income Thomas Shipley Fund	\$200.00	
Prize on account John B. Garrett Reading Prize Fund.....	67.51	
Prizes from income Scholarship Improvement Prize Fund.....	95.00	
Prize from income S. P. Lippincott Prize Fund.....	100.00	
Prizes from income John Farnum Brown Fund.....	79.48	
		\$541.99

### Paid Out of Special Donations:

For Isaac Sharpless Hall.....	\$78,383.86	
Periodicals in Library.....	10.00	
Tree Fund.....	187.80	
Special Scholarship.....	200.00	
Grenfell lecture.....	100.00	
American University Union in Europe Haverford membership.....	100.00	
Economics Convention.....	410.00	
Books of Charles Roberts' collection...	1,500.00	
Special expenses paid by Alumni Association.....	911.35	
German-American Scholarship.....	400.00	
Prizes.....	57.54	
		82,260.55

Coal purchased for account of 1918-19.....	5,520.99
Paid temporarily on account loans, using funds awaiting investment.....	265,350.00

### Investments made:

General Endowment Fund.....	\$3,585.00
Alumni Library Fund.....	550.00
Isaiah V. Williamson Fund.....	3,400.00
John M. Whitall Fund.....	972.50
Richard T. Jones Scholarship Fund.....	940.00

*Haverford College*

David Scull Fund.....	\$7,357.50	
Wistar Morris Memorial Fund.....	4,862.50	
Mary Farnum Brown Library Fund.....	5,976.25	
Mary M. Johnson Scholarship Fund.....	920.00	
Sarah Marshall Scholarship Fund.....	920.00	
Jacob P. Jones Endowment Fund.....	25,114.50	
John Farnum Brown Fund.....	7,447.50	
Joseph E. Gillingham Fund.....	3,765.00	
President Sharpless Fund.....	900.00	
Jacob P. Jones Benefit Fund.....	5,941.25	
Haverford College Pension Fund.....	7,366.25	
Moses Brown Fund.....	17,907.50	
Anna Yarnall Fund.....	3,956.25	
Walter D. and Edith M. L. Scull Fund.....	73,135.00	
	\$175,017.00	

Balances Eighth Month 31st, 1918:

In President's hands.....	\$3,541.33	
In Treasurer's hands.....	1,444.96	
	4,986.29	
	\$768,350.71	

## FINANCIAL STATEMENT

For the Year ending Eighth Month 31st, 1918.

Expenses of running the College, as per foregoing statement of the Treasurer . . . . .	\$206,386.16
Net cash receipts for board and tuition, rents and from all other sources connected with the business of the College . . . . .	65,769.80
	<hr/>
Leaving a deficiency of . . . . .	\$140,616.36
Income from investments and donations applicable to Scholarships and running expenses . . . . .	109,637.40
	<hr/>
Leaving a deficiency of . . . . .	\$30,978.96
Donations toward the deficit . . . . .	12,575.00
	<hr/>
Net deficiency for the year . . . . .	<u>\$18,403.96</u>

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## REPORT ON EACH FUND

### GENERAL ENDOWMENT FUND.

Established 1847, and increased from time to time since.

Par value of invested funds . . . . .	\$96,300.00
Principal uninvested . . . . .	8,682.41
	<hr/>
Total fund . . . . .	\$104,982.41
Income received during the year . . . . .	5,048.51
Paid for scholarships . . . . .	\$900.00
Paid for general college expenses . . . . .	4,148.51
	<hr/>
	5,048.51

*Haverford College*

**JOHN FARNUM MEMORIAL FUND.**

Established 1878, increased by Legacy of Elizabeth H. Farnum  
in 1899.

Par value of invested funds.....	\$41,300.00
Principal uninvested.....	437.81
<hr/>	
Total fund.....	\$41,737.81
Income received during the year.....	1,850.57
Paid toward support of Chair endowed by this fund....	1,850.57

**JOHN M. WHITALL FUND.**

Founded in 1880.

Par value of invested funds.....	\$10,000.00
Principal uninvested.....	803.84
<hr/>	
Total fund.....	\$10,803.84
Income received during the year.....	468.06
Appropriated for salaries.....	468.06

**DAVID SCULL FUND.**

Founded 1885.

Par value of invested funds.....	\$47,950.00
Principal uninvested.....	193.57
<hr/>	
Total fund.....	\$48,143.57
Income received during the year.....	1,854.36
Paid toward salaries, etc.....	1,854.36

**EDWARD L. SCULL FUND.**

Founded 1885.

Par value of invested funds.....	\$12,100.00
Principal uninvested.....	97.48
<hr/>	
Total fund.....	\$12,197.48
Income received during the year.....	545.20
Appropriated for salaries.....	545.20

*TREASURER'S REPORT*

**WISTAR MORRIS MEMORIAL FUND.**

Founded 1892.

Par value of invested funds.....	\$5,000.00
Principal uninvested.....	261.74
<b>Total fund.....</b>	<b>\$5,261.74</b>
Income received during the year.....	184.28
Appropriated for salaries.....	184.28

**ISRAEL FRANKLIN WHITALL FUND.**

Founded 1896.

Par value of invested funds.....	\$12,500.00
Amount uninvested.....	88.49
<b>Total fund.....</b>	<b>\$12,588.49</b>
Income received during the year.....	591.59
Appropriated for salaries.....	591.59

**JACOB P. JONES ENDOWMENT FUND.**

Founded 1897.

Par value of invested funds.....	\$1,029,525.00
Amount uninvested.....	43,753.52
<b>Total fund.....</b>	<b>\$1,073,278.52</b>
Income received during the year.....	57,461.81
Appropriated for scholarships.....	\$9,050.00
Appropriated for general expenses.....	48,411.81
	<hr/> 57,461.81

**JOHN FARNUM BROWN FUND FOR THE STUDY OF THE  
BIBLE, BIBLICAL HISTORY AND LITERATURE,  
PHILOSOPHY AND KINDRED SUBJECTS.**

Founded 1900 and increased later.

Par value of invested funds.....	\$281,800.00
Amount uninvested.....	1,750.62
<b>Total fund.....</b>	<b>\$283,550.62</b>
Income received during the year.....	11,582.65
Income appropriated for salaries.....	\$10,000.00
Income paid for prizes.....	79.48
Income transferred to principal.....	1,503.17
	<hr/> 11,582.65

**HAVERFORD COLLEGE**

**ELLEN WALN FUND.**

**Founded 1900.**

Par value of invested funds.....	\$11,000.00
Amount uninvested.....	219.60
<hr/>	
Total fund.....	\$11,219.60
Income received during the year.....	513.60
Income appropriated for general expenses.....	513.60

**CLEMENTINE COPE ENDOWMENT FUND.**

**Founded 1904.**

Par value of invested funds.....	\$31,000.00
Amount uninvested.....	108.75
<hr/>	
Total fund.....	\$31,108.75
Income received during the year.....	1,072.55
Income appropriated for general expenses.....	1,072.55

**JOSEPH E. GILLINGHAM FUND.**

**Founded 1907.**

Par value of invested funds.....	\$54,000.00
Amount uninvested.....	61.39
<hr/>	
Total fund.....	\$54,061.39
Income received during the year.....	2,550.53
Income appropriated for scholarships.....	\$800.00
Income appropriated for general expenses....	1,750.53
<hr/>	
	2,550.53

**HENRY NORRIS FUND.**

**Founded 1907.**

Par value of invested funds.....	\$5,000.00
Amount uninvested.....	839.95
<hr/>	
Total fund.....	\$5,939.95
Income received during the year.....	239.81
Income appropriated for general expenses.....	239.81



## TREASURER'S REPORT

### ELIZABETH H. FARNUM FUND.

Founded 1891.

The original Principal of this Fund is held in Trust by The Provident Life and Trust Company of Philadelphia. The first income accrued to the College in 1914.

Par value of invested funds.....	\$10,000.00
Amount uninvested.....	127.50
<hr/>	
Total fund.....	\$10,127.50
Income received during the year.....	492.55
Income appropriated for expenses.....	492.55

### JAMES R. MAGEE FUND.

Founded 1915.

Par value of invested funds.....	\$10,500.00
Principal uninvested.....	274.37
<hr/>	
Total fund.....	\$10,774.37
Income received during the year.....	422.71
Income appropriated for general expenses.....	422.71

### ALBERT K. SMILEY FUND.

Founded 1915.

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	17.50
<hr/>	
Total fund.....	\$1,017.50
Income received during the year.....	44.80
Income appropriated for general expenses.....	44.80

*Haverford College*

**WALTER D. AND EDITH M. L. SCULL FUND.**

**Founded 1918 by legacies from Walter D. and Edith M. L. Scull.**

**This fund is new this year.**

Par value of invested funds (market value as appraised \$99,503.50).....	\$71,135.00
Amount uninvested.....	2,003.60
	\$73,138.60
Total fund.....	\$73,138.60
Income overdrawn at beginning of year.....	\$129.62
Income accumulated before transfer to the College.....	16,887.66
Income received during the year.....	2,877.98
	19,636.02
Appropriated for salary and books, etc.....	5,032.41
	\$14,603.61
Income on hand at end of year.....	\$14,603.61

**MOSES BROWN FUND.**

**Trust founded by T. Wistar Brown in 1906 and transferred to the  
College in 1916.**

Par value of invested funds.....	\$394,000.00
Amount overinvested.....	3,896.91
	\$390,103.09
Total fund.....	\$390,103.09
Income received during the year.....	\$16,193.30
Transferred back from principal on account of previous accumulations of income... ..	6,000.00
	22,193.30
Appropriated for Salaries.....	\$9,700.00
Lectures.....	675.00
Scholarship expenses.....	1,170.00
Miscellaneous expenses.....	825.71
Alterations, equipment, etc., to Graduate School Building.....	5,414.00
Transferred to principal.....	1,619.33
	19,404.04
Income on hand at end of the year.....	\$2,789.26

*TREASURER'S REPORT*

**INFIRMARY ENDOWMENT FUND.**

**Founded 1911.**

Par value of invested funds.....	\$9,500.00
Amount uninvested.....	250.94
Total fund.....	<u>\$9,750.94</u>
Income received during the year.....	438.85
Income appropriated to maintenance of Infirmary.....	438.85

**JOHN W. PINKHAM FUND.**

**Founded 1911.**

Par value of invested funds.....	\$5,000.00
Amount uninvested.....	59.50
Total fund.....	<u>\$5,059.50</u>
Income received during the year.....	222.91
Income appropriated to maintenance of Infirmary.....	222.91

**THOMAS P. COPE FUND.**

**Founded 1842.**

Par value of invested funds.....	\$6,000.00
Principal uninvested.....	142.69
Total fund.....	<u>\$6,142.69</u>
Income on hand at beginning of the year....	\$77.69
Income received during the year.....	277.66
	<u>355.35</u>
Paid for Thomas P. Cope Scholarship.....	200.00
Income on hand at end of year.....	<u>\$155.35</u>

**EDWARD YARNALL FUND.**

**Founded 1860.**

Par value of invested funds.....	\$5,500.00
Principal uninvested.....	746.81
Total fund.....	<u>\$6,246.81</u>
Income on hand at beginning of year.....	\$114.07
Income received during year.....	289.24
	<u>403.31</u>
Paid for Edward Yarnall Scholarships.....	300.00
Income on hand at end of year.....	<u>\$103.31</u>

*HAVERFORD COLLEGE*

**ISAIAH V. WILLIAMSON FUND.**

**Founded 1876 and increased 1883.**

Par value of invested funds.....	\$22,300.00
Principal uninvested.....	135.90
<hr/>	
Total fund.....	\$22,435.90
Income on hand at beginning of the year....	\$402.24
Income received during the year.....	929.02
<hr/>	
	1,331.26
Paid for scholarships.....	1,000.00
<hr/>	
Income on hand at end of year.....	\$331.26

**RICHARD T. JONES SCHOLARSHIP FUND.**

**Founded by Will of Jacob P. Jones, 1885.**

Par value of invested funds.....	\$4,900.00
Principal uninvested.....	160.00
<hr/>	
Total fund.....	5,060.00
Income received during the year.....	\$225.73
Paid for Richard T. Jones Scholarship.....	400.00
<hr/>	
Income overdrawn at end of the year.....	\$174.27

**MARY M. JOHNSON SCHOLARSHIP FUND.**

**Founded 1897.**

Par value of invested funds.....	\$8,000.00
Amount uninvested.....	569.85
<hr/>	
Total fund.....	\$8,569.85
Income on hand at beginning of the year....	\$192.96
Income received during the year.....	365.01
<hr/>	
	557.97
Paid for Mary M. Johnson Scholarships.....	300.00
<hr/>	
Income on hand at end of the year.....	\$257.97

*TREASURER'S REPORT*

**SARAH MARSHALL SCHOLARSHIP FUND.**

**Founded 1897.**

Par value of invested funds.....	\$7,500.00
Amount uninvested.....	495.99
<hr/>	
Total fund.....	\$7,995.99
Income on hand at beginning of the year....	\$36.64
Income received during the year.....	338.83
<hr/>	
	375.47
Paid for Sarah Marshall Scholarships.....	300.00
<hr/>	
Income on hand at end of the year.....	\$75.47

**CLEMENTINE COPE FELLOWSHIP FUND.**

**Founded 1899.**

Par value of invested funds.....	\$25,100.00
Amount uninvested.....	426.43
<hr/>	
Total fund.....	\$25,526.43
Income on hand at beginning of the year....	\$773.05
Income received during the year.....	1,140.82
<hr/>	
	1,913.87
Paid for fellowship at Harvard.....	500.00
<hr/>	
Income on hand at end of year.....	\$1,413.87

**ISAAC THORNE JOHNSON SCHOLARSHIP FUND.**

**Founded 1916.**

Par value of invested funds.....	\$5,000.00
Amount uninvested.....	56.25
<hr/>	
Total fund.....	\$5,056.25
Income on hand at beginning of year.....	\$259.34
Income received during the year.....	247.28
<hr/>	
	506.62
Paid for Isaac Thorne Johnson Scholarship.....	250.00
<hr/>	
Income on hand at end of year.....	\$256.62

*Haverford College*

**ALUMNI LIBRARY FUND.**

Established by the Alumni Association, 1863.

Par value of invested funds.....	\$19,100.00	
Principal uninvested.....	34.28	
		<hr/>
Total fund.....	\$19,134.28	
Income on hand at beginning of year.....	\$273.07	
Income received during the year.....	850.24	
		<hr/>
		1,123.31
Paid for books, etc.....	796.71	
		<hr/>
Income on hand at end of year.....	\$326.60	

**MARY FARNUM BROWN LIBRARY FUND.**

Founded 1892.

Par value invested funds.....	\$93,000.00	
Amount uninvested.....	351.05	
		<hr/>
Total fund.....	\$93,351.05	
Income received during the year.....	4,044.86	
Income appropriated for books, etc.....	\$3,561.17	
Income appropriated for lectures.....	350.00	
Income transferred to principal.....	133.69	
		<hr/>
		4,044.86

**WILLIAM H. JENKS LIBRARY FUND.**

Founded 1910.

Par value of fund, all invested.....	\$5,000.00	
Income on hand at beginning of the year....	\$309.60	
Income received during the year.....	245.24	
		<hr/>
		554.84
Income used for purchase of books, etc.....	406.63	
		<hr/>
Income on hand at end of year.....	\$148.21	

*TREASURER'S REPORT*

**MARY WISTAR BROWN WILLIAMS LIBRARY FUND.**

**Founded 1914.**

Par value of invested funds.....	\$20,000.00	
Amount uninvested.....	165.48	
		<hr/>
Total fund.....	\$20,165.48	
Income on hand at beginning of the year....	\$215.97	
Income received during the year.....	888.71	
		<hr/>
		1,104.68
Income appropriated for books.....		748.89
		<hr/>
Income on hand at end of year.....		\$355.79

**ANNA YARNALL FUND.**

**Founded 1916.**

Par value of invested funds.....	\$7,000.00	
Amount uninvested.....	1,452.86	
		<hr/>
Total fund.....	\$8,452.86	
Income on hand at beginning of year.....	269.50	
Income received during year.....	314.86	
		<hr/>
		584.36
Paid for taxes.....		351.92
		<hr/>
Income on hand at end of year.....		\$232.44

**PRESIDENT SHARPLESS FUND.**

**Founded 1907.**

Par value of invested funds.....	\$44,900.00	
Amount uninvested.....	109.15	
		<hr/>
Total fund.....	\$45,009.15	
Income received during year.....	2,109.52	
Income transferred to Haverford College Pension Fund		2,109.52

*Haverford College*

**WILLIAM P. HENSZEY FUND.**

**Founded 1908 by Gift. Increased 1909 by Legacy.**

Par value of invested funds.....	\$36,500.00
Principal uninvested.....	150.60
<hr/>	
Total fund.....	\$36,650.60
Income received during the year.....	1,794.61
Income transferred to Haverford College Pension Fund	1,794.61

**JACOB P. JONES BENEFIT FUND.**

**Founded 1909 from proceeds of land sold for account Jacob P. Jones  
Legacy.**

Par value of invested funds.....	\$65,200.00
Amount uninvested.....	933.00
<hr/>	
Total fund.....	\$66,133.00
Income received during the year.....	3,068.25
Income transferred to Haverford College Pension Fund	3,068.25

**PLINY EARLE CHASE MEMORIAL FUND.**

**Founded 1909.**

Par value of invested funds.....	\$4,300.00
Amount uninvested.....	90.24
<hr/>	
Total fund.....	\$4,390.24
Income received during the year.....	214.36
Income paid to annuitant.....	\$100.00
Income transferred to Haverford College Pension Fund.....	114.36
<hr/>	
	214.36

**Haverford College Pension Fund.**

**Founded 1910 and added to since, being accumulations of Income  
from the different Pension Funds.**

Par value of invested funds.....	\$58,100.00
Principal overinvested.....	.68
<hr/>	
Total fund.....	\$58,099.32



## TREASURER'S REPORT

Income received during the year.....	\$2,382.89	
Income transferred from other Pension Funds	7,086.74	
		\$9,469.63
Appropriated for Pensions.....	\$7,480.00	
Income added to Principal.....	2,029.63	
		9,469.63

### THOMAS SHIPLEY FUND.

Founded 1904.

Par value of invested funds.....	\$5,000.00	
Amount uninvested.....	225.00	
Total fund.....		\$5,225.00
Income on hand at beginning of the year....	\$810.50	
Income received during the year.....	229.62	
		1,040.12
Income appropriated for lectures.....		200.00
		\$840.12
Income on hand at end of year.....		\$840.12

### ELLISTON P. MORRIS FUND.

Founded 1906.

Par value of invested funds.....	\$1,000.00	
Amount uninvested.....	188.75	
Total fund.....		\$1,188.75
Income on hand at beginning of year.....	\$139.53	
Income received during the year.....	46.85	
Income on hand at end of the year.....		186.38

### JOHN B. GARRETT READING PRIZE FUND.

Founded 1908.

Par value of fund, all invested (in default).....	\$2,000.00	
Paid during the year for prizes, transferred from incidental expenses.....		67.51

*Haverford College*

**SPECIAL ENDOWMENT FUND.**

**Founded 1909.**

Par value of funds, all invested.....	\$12,000.00
Income on hand at beginning of the year....	\$351.79
Income received during the year.....	490.00
	<hr/>
Income on hand at end of year.....	841.79

**ELIZABETH P. SMITH FUND.**

**Founded 1915.**

Par value of invested funds.....	\$1,000.00
Principal uninvested.....	32.00
Total fund.....	<hr/>
	\$1,032.00
Income on hand at beginning of the year....	\$72.25
Income received during the year.....	45.30
	<hr/>
Income on hand at end of the year.....	117.55

**SCHOLARSHIP IMPROVEMENT PRIZE FUND.**

**Founded 1913.**

Par value of funds, all invested.....	\$2,000.00
Income on hand at beginning of the year....	\$6.00
Income received during the year.....	98.00
	<hr/>
	104.00
Income appropriated for prizes.....	95.00
	<hr/>
Income on hand at end of the year.....	\$9.00

**THE HINCHMAN ASTRONOMICAL FUND.**

**Founded 1917.**

Par value of invested funds.....	\$10,000.00
Amount uninvested.....	187.50
Total fund.....	<hr/>
	\$10,187.50
Income on hand at beginning of year.....	\$249.35
Income received during the year.....	595.60
	<hr/>
Income on hand at end of year.....	844.95

## TREASURER'S REPORT

### S. P. LIPPINCOTT HISTORY PRIZE FUND.

Founded 1917.

Par value of funds, all invested.....		\$2,500.00
Income on hand at beginning of year.....	\$49.00	
Income received during year.....	98.00	
		147.00
Paid for S. P. Lippincott History Prize.....		100.00
Income on hand at end of year.....		\$47.00

### SUMMARY OF THE FUNDS

Funds for General College Purposes:

General Endowment Fund.....	\$104,982.41	
John Farnum Memorial Fund.....	41,737.81	
John M. Whittall Fund.....	10,803.84	
David Scull Fund.....	48,143.57	
Edward L. Scull Fund.....	12,197.48	
Wistar Morris Memorial Fund.....	5,261.74	
Israel Franklin Whittall Fund.....	12,588.49	
Jacob P. Jones Endowment Fund....	1,073,278.52	
John Farnum Brown Fund.....	283,550.62	
Ellen Waln Fund.....	11,219.60	
Clementine Cope Endowment Fund..	31,108.75	
Joseph E. Gillingham Fund.....	54,061.39	
Henry Norris Fund.....	5,839.95	
Elizabeth H. Farnum Fund.....	10,127.50	
James R. Magee Fund.....	10,774.37	
Albert K. Smiley Fund.....	1,017.50	
Walter D. and Edith M. L. Scull Fund	73,138.60	
		\$1,789,832.14

Fund for Thomas Wistar Brown Graduate School:

Moses Brown Fund.....		390,103.09
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Funds for Morris Infirmary:

Infirmary Endowment Fund.....	\$9,750.94	
John W. Pinkham Fund.....	5,059.50	
		14,810.44

## HAVERFORD COLLEGE

### Funds for Scholarships:

Thomas P. Cope Fund.....	\$6,142.69	
Edward Yarnall Fund.....	6,246.81	
Isaiah V. Williamson Fund.....	22,435.90	
Richard T. Jones Scholarship Fund..	5,060.00	
Mary M. Johnson Scholarship Fund..	8,569.85	
Sarah Marshall Scholarship Fund....	7,995.99	
Clementine Cope Fellowship Fund...	25,526.43	
Isaac Thorne Johnson Scholarship Fund.....	5,056.25	
		\$87 033.92

### Funds for the Library:

Alumni Library Fund.....	\$19,134.28	
Mary Farnum Brown Library Fund..	93,351.05	
William H. Jenks Library Fund.....	5,000.00	
Mary Wistar Brown Williams Fund...	20,165.48	
Anna Yarnall Fund.....	8,452.86	
		146,103.67

### Funds for Pensions:

President Sharpless Fund.....	\$45,009.15	
William P. Henszey Fund.....	36,650.60	
Jacob P. Jones Benefit Fund.....	66,133.00	
Pliny Earle Chase Memorial Fund...	4,390.24	
Haverford College Pension Fund....	58,099.32	
		210,282.31

### Funds for Special Purposes:

Thomas Shipley Fund.....	\$5,225.00	
Elliston P. Morris Fund.....	1,188.75	
John B. Garrett Reading Prize Fund..	2,000.00	
Special Endowment Fund.....	12,000.00	
Elizabeth P. Smith Fund.....	1,032.00	
Scholarship Improvement Prize Fund.	2,000.00	
Hinchman Astronomical Fund.....	10,187.50	
S. P. Lippincott History Prize Fund..	2,500.00	
		36,133.25

Total par value of all the Funds..... **\$2,674,298.82**

## TREASURER'S REPORT

being \$96,724.61 more than reported one year ago, as follows:

From legacies under the wills of Walter D. and Edith M. L. Scull . . . . .	\$73,135.00	
From legacy under the will of Anna Yarnall (final payment) less loss in investment sold . . . . .	769.11	
From distribution, etc., of investments belonging to Jacob P. Jones Endowment Fund . . . . .	13,225.00	
	\$87,129.11	
Income credited to Principal:		
John Farnum Brown Fund for Bible Study, etc. . . . .	\$1,503.17	
Moses Brown Fund . . . . .	1,619.33	
Mary Farnum Brown Library Fund . . . . .	133.69	
Haverford College Pension Fund . . . . .	2,029.63	
	\$5,285.82	
Less previous income drawn on for equipment, etc., Moses Brown Fund . . . . .	6,000.00	
	-714.18	
Income credited to Principal for Contingent Account . . . . .	1,454.18	
Difference between cost and par of securities bought and sold . . . . .	8,855.50	
Total increase as above . . . . .	\$96,724.61	

### STATEMENT OF DEBT

The debt of the Corporation Eighth Month 31st, 1917, was . . . . .	\$110,779.98
It has been increased during the year:	
By deficiency as per financial statement . . . . .	18,403.96
	\$129,183.94
And has been reduced during the year:	
By receipts on account of previous years . . . . .	2,417.89
Making the debt Eighth Month 31st, 1918 . . . . .	\$126,766.05

## Haverford College

Due as follows:

On demand loans . . . . .	\$52,700.00
Net amount due the Funds . . . . .	74,066.05
	<hr/>
	\$126,766.05

The above debt was incurred as follows.

For double dwelling on College Avenue . . . . .	\$14,500.00
For "Leavenworth House," College Avenue . . . . .	1,750.00
For steam heating plant and underground conduits . . . . .	12,615.49
For Lloyd Hall . . . . .	16,353.30
For Merion Cottage . . . . .	15,259.91
For three houses on College Avenue . . . . .	22,689.22
For other deficits in College work, less receipts for right of way . . . . .	43,598.13
	<hr/>
	\$126,766.05

### AUDIT

I have made a careful examination of the cash book and accounts of J. Henry Scattergood, Treasurer, of the Corporation of Haverford College for the year ending Eighth Month 31st, 1918, and find them to agree with the statement of receipts and payments shown in the foregoing account.

I have compared the payments with vouchers and receipts for all disbursements and find the same to be correct, with the exception of payment to Cramp & Co. for \$125 of Eighth Month 31st, 1918, no receipt having been furnished by them and check not having been returned to the Provident Life and Trust Co.

The cash balance in the hands of the Treasurer at the end of the fiscal year was \$1,444.96, as stated.

EDWARD W. EVANS,  
*Auditing Committee.*

PHILADELPHIA, Tenth Month 8th, 1918.

We have examined the securities belonging to the Corporation of Haverford College, Eighth Month 31st, 1918, and find them to agree with the foregoing statement of the Treasurer.

JONATHAN M. STEERE,  
J. STODDARD STOKES,  
*Auditing Committee.*

PHILADELPHIA, Tenth Month 1st, 1918.

## DONATIONS FOR THE YEAR ENDING 8TH MONTH 31ST, 1918

### For the Isaac Sharpless Science Hall:

(A large proportion of these amounts are payments on account  
of subscriptions.)

G. R. Allen.....	\$12.50
W. K. Alsop.....	50.00
E. M. Angell.....	12.50
W. C. Audenreid, Jr.....	50.00
J. A. Babbitt.....	75.00
H. P. Baily.....	50.00
W. A. Battey.....	5.00
J. M. Beatty.....	25.00
C. H. Bell.....	10.00
E. H. Binns.....	250.00
E. H. Boles.....	50.00
W. Brinton.....	25.00
E. Y. Brown, Jr.....	12.50
T. K. Brown, Jr.....	10.00
G. T. Butler.....	10.00
J. E. Butler.....	25.00
J. W. Cadbury.....	3.00
W. E. Cadbury.....	10.00
A. M. Carey.....	37.50
C. Reed Cary.....	12.50
D. B. Cary.....	50.00
Class of 1892.....	585.00
Class of 1905.....	195.00
A. M. Collins.....	250.00
W. H. Collins.....	60.00
J. H. Congdon.....	100.00
J. H. Cook.....	57.50
A. S. Cookman.....	25.00
F. R. Cope, Jr.....	25.00

**HAVERFORD COLLEGE**

J. A. Cope.....	<b>\$12.50</b>
A. P. Corbit.....	50.00
D. Corbit.....	125.00
A. Crowell.....	50.00
M. P. Darlington.....	5.00
A. Lovett Dewees.....	5.00
J. S. Downing.....	25.00
G. V. Downing.....	15.00
H. S. Drinker, Jr.....	25.00
E. N. Edwards.....	50.00
T. W. Elkinton.....	12.50
J. Emlen.....	50.00
J. L. Engle.....	25.00
F. M. Eshleman.....	50.00
P. B. Fay.....	5.00
C. Febiger.....	50.00
J. C. Ferguson, 3d.....	15.00
A. C. Garrett.....	125.00
P. C. Gifford.....	5.00
V. Gilpin.....	50.00
A. H. Goddard.....	12.50
H. V. Gummere.....	50.00
F. C. Haines.....	50.00
J. H. Haines.....	50.00
E. Y. Hartshorne.....	57.50
F. C. Hartshorne.....	25.00
S. E. Hilles.....	250.00
W. T. Hilles.....	50.00
W. S. Hinchman.....	25.00
C. H. Howson.....	25.00
F. S. Howson.....	50.00
J. E. Hume.....	25.00
A. W. Hutton.....	5.00
H. H. Jenks.....	25.00
I. T. Johnson.....	57.50
E. M. Jones.....	5.00
W. W. Justice, Jr.....	25.00
R. W. Kelsey.....	5.00
E. W. Kelsey.....	5.00



## DONATIONS

N. Kelsey.....	\$5.00
J. D. Kenderdine.....	10.00
G. A. Kerbaugh.....	50.00
W. M. C. Kimber.....	100.00
P. C. Kitchen.....	5.00
H. M. Lane.....	5.00
Agnes Brown Leach.....	1,000.00
C. H. Leininger.....	50.00
H. Lesley.....	25.00
D. C. Lewis.....	100.00
W. D. Lewis.....	50.00
J. E. Lloyd.....	50.00
W. C. Longstreth.....	12.50
W. M. Longstreth.....	50.00
W. C. Lowry.....	75.00
J. D. Ludlam.....	12.50
J. L. Lynch.....	50.00
R. C. McCrea.....	25.00
E. L. Macomber.....	5.00
S. Mason, Jr.....	25.00
F. N. Maxfield.....	12.50
E. R. Maule.....	25.00
S. W. Meader.....	12.50
R. Mellor.....	25.00
F. W. Morris, Jr.....	50.00
R. H. Morris.....	25.00
S. W. Morris.....	50.00
S. S. Morris.....	10.00
G. Montgomery.....	10.00
L. C. Moore.....	5.00
P. W. Moore.....	2.50
J. K. Moorhouse.....	2.00
S. R. Morgan.....	15.00
A. T. Murray.....	10.00
C. Osborne.....	5.00
W. W. Pharo.....	50.00
W. P. Philips.....	25.00
G. Peirce for Class 1903.....	250.00
E. C. Peirce for Class 1905.....	250.00

*HAVERFORD COLLEGE*

O. M. Porter.....	\$15.00
J. Rhoads.....	50.00
S. Rhoads.....	50.00
F. P. Ristine.....	50.00
L. C. Ritts.....	10.00
C. B. Roberts.....	50.00
R. Rogers.....	25.00
J. T. Rorer.....	10.00
R. J. Ross.....	50.00
P. H. Sangree.....	10.00
H. W. Scarborough.....	25.00
H. M. Schabacher.....	25.00
J. L. Scull.....	30.00
F. C. Sharpless.....	20.00
T. K. Sharpless.....	15.00
W. P. Shipley.....	25.00
C. B. Shoemaker.....	10.00
A. K. Smiley.....	10.00
A. H. Smith.....	30.00
H. W. Stokes.....	250.00
J. W. Stokes.....	5.00
S. E. Stokes.....	12.50
C. W. Stork.....	150.00
F. H. Strawbridge.....	2,500.00
C. G. Tatnall.....	5.00
J. Tatnall.....	12.50
E. B. Taylor.....	250.00
F. R. Taylor.....	10.00
N. H. Taylor.....	50.00
C. J. Teller.....	15.00
G. H. Thomas, 3d.....	10.00
W. G. Tyler.....	500.00
W. Webb.....	15.00
H. J. Webster.....	50.00
F. A. White.....	250.00
R. J. White.....	100.00
P. S. Williams.....	1,000.00
J. C. Winston.....	50.00
A. C. Wood.....	25.00

## DONATIONS

G. Wood.....	\$3,000.00	
R. D. Wood.....	37.50	
E. Woolman.....	25.00	
G. K. Wright.....	25.00	
A. R. Yearsley.....	10.00	
C. C. Young.....	12.50	
	\$15,050.00	
 <b>For Economics Convention:</b>		
A. L. Baily.....	\$25.00	
W. W. Pharo.....	25.00	
A. P. Smith.....	10.00	
W. M. Coates.....	25.00	
A. F. Huston.....	25.00	
F. H. Strawbridge.....	25.00	
A. V. Morton.....	10.00	
B. H. Shoemaker 2nd.....	25.00	
S. W. Morris.....	15.00	
W. C. Webster.....	50.00	
W. P. Simpson.....	25.00	
J. M. Whitall.....	75.00	
P. S. Williams.....	75.00	
	410.00	
 <b>For Tree Fund:</b>		
A. G. Scattergood.....	\$50.00	
A. L. Baily.....	50.00	
J. M. Whitall.....	50.00	
J. H. Scattergood.....	50.00	
	200.00	
 <b>For Special Scholarship:</b>		
P. S. Williams.....		200.00
 <b>For Grenfell Lecture:</b>		
Maria C. Scattergood.....		100.00
 <b>For Periodicals in Library:</b>		
J. B. Garrett.....		10.00

## HAVERFORD COLLEGE

### For American University Union in Europe, Haverford Membership:

Triangle Club.....	\$100.00
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### For Prizes:

Class of 1896.....	\$20.00	
Class of 1898.....	10.00	
Class of 1902.....	10.00	
		40.00

### For Mathematical Prize:

L. W. Reid.....	10.00
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### For Books:

Agnes Brown Leach.....	1,500.00
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### For Special Expenses of Assistant to the President:

Alumni Association.....	911.35
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### For Deficit:

A. L. Baily.....	\$500.00
H. A. Beale, Jr.....	100.00
W. A. Blair.....	50.00
W. M. Coates.....	100.00
A. M. Collins.....	100.00
H. W. Doughten.....	1,000.00
C. Edgerton.....	250.00
S. E. Hilles.....	100.00
A. F. Huston.....	1,000.00
W. C. Janney.....	100.00
F. B. Kirkbride.....	25.00
Agnes Brown Leach.....	3,000.00
M. A. Linton.....	50.00
G. Lippincott.....	100.00
J. E. Lloyd.....	100.00
W. M. Longstreth.....	250.00
M. C. Morris.....	100.00
W. H. Morris.....	100.00

*DONATIONS*

W. T. Moore.....	\$100.00
T. C. Palmer.....	500.00
W. W. Pharo.....	250.00
A. G. Scattergood.....	250.00
J. H. Scattergood.....	500.00
H. E. Smith.....	250.00
I. T. Starr.....	100.00
J. M. Steere.....	100.00
J. S. Stokes.....	250.00
F. H. Strawbridge.....	1,000.00
F. R. Strawbridge.....	250.00
G. H. Thomas, 3d.....	100.00
A. M. Warner.....	100.00
G. M. and E. B. W. Warner.....	50.00
P. S. Williams.....	1,000.00
A. S. Wing.....	300.00
E. M. Wistar.....	250.00
Juliana Wood.....	100.00
E. Wright.....	100.00
	\$12,575.00
Total Donations.....	\$31,106.35

## GIFTS TO HAVERFORD LIBRARY

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Miss Juliana Wood.....	164 vols.
Mrs. Henry G. Leach.....	78 "
E. M. and J. L. Scull.....	26 "
William Ellis Scull.....	21 "
And many others, one or more volumes each.	

## ENDOWMENT FUNDS

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### GENERAL ENDOWMENT FUND.

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.86; 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. Present par value, \$104,982.41. The income is used for salaries and for scholarships, the latter usually to the amount of \$1,200 per annum.

### 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 par value, \$41,737.81. 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."

### JOHN M. WHITALL FUND.

Founded in 1880 by bequest of \$10,000 from John M. Whittall, Sr. Present par value, \$10,803.84. 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 par value, \$48,143.57. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

## **Haverford College**

### **EDWARD L. SCULL FUND.**

Founded in 1885 by net bequest of \$9,500 from Edward L. Scull, '64. This legacy was to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$12,197.48. 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 par value, \$5,261.74. 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 par value, \$12,588.49. 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 and sundry real estate. The real estate, except 7.771 acres, has been sold. Present par value of the fund, \$1,073,278.52. 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, \$9,200 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."



## **ENDOWMENT FUNDS**

### **JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS.**

Founded in 1900 by T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in securities of a par value of \$58,000, shortly afterward increased by a further gift of \$5,000. Additional gifts by T. Wistar Brown were made as follows: in 1910, \$5,000 and \$10,000; in 1911, \$20,612.29; in 1912, \$30,000 par value of securities. Present par value, \$283,550.62. 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. At least ten per cent of the total income of this fund must be capitalized each year, as must also all unused income at the close of each fiscal year.

### **ELLEN WALN FUND.**

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$11,219.60. 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 par value, \$31,108.75. There are no restrictions. The income is used for general college purposes.

### **NATHAN BRANSON HILL TRUST.**

Founded in 1904 by deposit with Minneapolis 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 the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. At present the only income is from dividends upon the above policy.

## **HAVERFORD COLLEGE**

### **JOSEPH E. GILLINGHAM FUND.**

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$54,061.39. 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 par value, \$5,839.95. 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 is held by the Provident Life and Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the college in 1914. There are no restrictions as to the use of the income, and same is now applied to general college purposes.

### **JAMES R. MAGEE FUND.**

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59. Present par value, \$10,774.37. There are no restrictions except that the income only is to be used. This has been applied to general college purposes. The will provides for a further bequest to the college upon the death of sisters of the testator.

### **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. Present par value, \$1,017.50. There are no restrictions except that preference was expressed that the income only should be used. This has been applied to general college purposes.

### **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.

## ENDOWMENT FUNDS

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. Thus far there have been received cash and securities of a par value of \$73,138.60, which is also the present par value. 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 Professor of History.

### 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, having at that time a par value of \$372,821.91. Present par value, \$390,103.09. 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 is designated "The Thomas Wistar Brown Graduate School."

### INFIRMARY ENDOWMENT FUND.

Founded in 1911 from subscriptions totaling \$9,072.55 raised among alumni and friends of the college. Present par value, \$9,750.94. 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 par value, \$5,059.50. 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.

## *HAVERFORD COLLEGE*

### **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 par value, \$6,142.69. 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." The fund sustains the Thomas P. Cope Scholarships.

### **EDWARD YARNALL FUND.**

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$6,246.81. 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 par value, \$22,435.90. The income only is to be used for free scholarships or part 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. Present par value, \$5,060. 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 par value, \$8,569.85. 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 par value, \$7,995.99. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

## ENDOWMENT FUNDS

### CLEMENTINE COPE FELLOWSHIP FUND.

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present par value, \$25,526.43. 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 par value, \$5,056.25. 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."

### 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 par value, \$19,134.28. The income is used for the purchase of books, etc., for 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, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$93,351.05. 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

## **Haverford College**

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 this fund, if any, is 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 par value, \$5,000. The purpose of the fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

### **MARY WISTAR BROWN WILLIAMS LIBRARY FUND.**

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his wife, Mary Wistar Brown Williams. Present par value, \$20,165.48. 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 \$7,000 par value of securities and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$8,452.86, the real estate not yet having been sold. 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

## **ENDOWMENT FUNDS**

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."

### **PRESIDENT SHARPLESS FUND.**

Founded in 1907 by contributions from interested friends of the college finally amounting to \$40,000. Present par value, \$45,009.15. 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 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 par value, \$36,650.60. 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 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 par value, \$66,133. 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 pensions, or, if not needed for pensions, is capitalized in said fund.

## **HAVERFORD COLLEGE**

### **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 \$4,170.40. Present par value, \$4,390.24. The income of this fund is applied first to a \$100 life annuity, and the balance, 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. Upon the death of the life annuitant, all of the income will be so used. This income is transferred annually to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

### **HAVERFORD COLLEGE PENSION FUND.**

Founded in 1910 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 par value, \$58,099.32. The income from this fund together with the income from the four above-mentioned funds is used for pensions and if not needed for pensions is capitalized in this fund.

### **THOMAS SHIPLEY FUND.**

Founded in 1904 by gift of \$5,000 from Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,225. 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 par value, \$1,188.75. 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 \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.



## ENDOWMENT FUNDS

### JOHN B. GARRETT READING PRIZE FUND.

Founded in 1908 by gift of \$2,000 par value of bonds by John B. Garrett, '54. Present par value, \$2,000, but bonds are in default. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading amounting to \$100 annually which he had given for a number of years.

### SPECIAL ENDOWMENT FUND.

Founded in 1909 by gift of \$12,000 par value of bonds from an anonymous donor. Present par value, \$12,000. The income only of this fund is 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 College from time to time.

### ELIZABETH P. SMITH FUND.

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value \$1,032.00. The income only to be used as a prize for the best essays on Peace written by the students of the college.

### SCHOLARSHIP IMPROVEMENT PRIZE FUND.

Founded in 1913 by gift of \$2,000 par value of bonds from John L. Scull, '05. Present par value, \$2,000. 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.

### HINCHMAN ASTRONOMICAL FUND.

Founded in 1917 by bequest of \$10,000 par value of securities from Charles S. Hinchman. Present par value, \$10,167.50. 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."

### S. P. LIPPINCOTT HISTORY PRIZE FUND.

Founded in 1917 by gift of \$2,500 par value of bonds from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize."

## STATED MEETING 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.

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The Stated Meetings of the Managers are held on the third Sixth-day in the First, Third, Fifth, Ninth and Eleventh months.

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## LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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## FORM OF LEGACY

*I give and bequeath (if personal)—devise (if real)—  
to "The Corporation of Haverford College," the sum of  
.....(or  
if real estate, describe it).....to  
have and to hold to them, their successors and assigns, to  
the use of the said "The Corporation of Haverford College,"  
their successors and assigns.*

18 D '20

LIBRARY OF  
HAVERFORD COLLEGE,  
HAVERFORD, PA.

# HAVERFORD COLLEGE

## BULLETIN

Vol. XVII

No. 2

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ALUMNI QUARTERLY

MARCH, 1919

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On account of the increased cost of printing it has been deemed inadvisable to mail the current College Catalogue, as in previous years, to all members of the Alumni Association. One or more copies, as desired, will be mailed to every interested Alumnus upon receipt of a postal addressed to the Dean of Haverford College.

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A Suggestion

Issued four times a year by Haverford College, Haverford, Pa.  
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The  
Haverford College Bulletin

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ALUMNI QUARTERLY

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March, 1919

OFFICERS ELECTED AT THE ANNUAL MEETING

May 30, 1918

*President*

WALTER C. JANNEY, '98

*Vice-Presidents*

A. F. HUSTON, '72

L. J. MORRIS, '89

A. C. MAULE, '99

*Executive Committee*

HENRY COPE, '69

O. M. CHASE, '94

B. R. HOFFMAN, '97

C. C. MORRIS, '04

E. WRIGHT, '08

E. P. ALLINSON, '10

R. BARRIE, JR., '18

*Treasurer*

W. H. HAINES, JR., '06

1136 Ridge Avenue, Philadelphia

*Secretary*

H. NORMAN THORN, '04

Edgewood Road, Ardmore, Pa.

*Editorial Board of the Alumni Quarterly, College Bulletin*

PARKER S. WILLIAMS, '94, Chairman

W. H. HAINES, JR., '06, Treasurer

1136 Ridge Avenue, Philadelphia

JOSEPH W. SHARP, '88

J. HENRY SCATTERGOOD, '96

JOSEPH H. HAINES, '98

WINTHROP SARGENT, JR., '08

CHRISTOPHER D. MORLEY, '10

KENNETH W. WEBB, '18

W. W. COMFORT, '94

## COMMITTEES FOR THE YEAR 1918-1919

Appointed by the Incoming President subsequent to the Annual Meeting, May, 1918

### *Committee to Nominate Members to the Association*

O. M. CHASE, '94, Chairman  
J. KENNEDY MOOREHOUSE, '00      A. GLYNDON PRIESTMAN, '05  
C. D. MORLEY, '10                      HUGH E. MCKINSTRY, '17

### *Committee to Nominate Officers and an Executive Committee*

PARKER S. WILLIAMS, '94, Chairman  
THOMAS EVANS, '89                      FRANCIS R. STRAWBRIDGE, '98  
WALTER MELLOR, '01                      JAMES P. MAGILL, '07  
    WINTHROP SARGENT, JR., '08

### *Committee on Alumni Oratorical Prize*

HENRY S. DRINKER, JR., '00, Chairman  
ALFRED PERCIVAL SMITH, '84      PARKER S. WILLIAMS, '94  
HAROLD EVANS, '07                      JOSEPH HAINES PRICE, '11

### *Alumni Quarterly Committee*

PARKER S. WILLIAMS, '94, Chairman  
(and others as printed on page 2)

### *Committee on Athletics*

H. NORMAN THORN, '04, Chairman  
HENRY COPE, '69                      JOSEPH W. SHARP, JR., '88  
RICHARD M. GUMMERE, '02              C. C. MORRIS, '04  
JOHN L. SCULL, '05                      W. R. ROSSMAESSLER, '07  
EMMETT R. TATNALL, '07              S. EMLÉN STOKES, '14  
JAMES E. SHIPLEY, '16              LORING VAN DAM, '17  
    DR. JAMES A. BABBITT

### *Committee to Audit Treasurer's Report*

BENJAMIN R. HOFFMAN, '97, Chairman  
WILLIAM E. CADBURY, '01

### *Committee on Hall of Fame in Cricket Pavilion*

ALFRED G. SCATTERGOOD, '98, Chairman  
J. S. ELLISON, JR., '15              E. G. PORTER, '18

### *Haverford Extension Committee*

WINTHROP SARGENT, JR., '08, Chairman  
ALEXANDER C. WOOD, JR., '02      C. C. MORRIS, '04  
W. R. ROSSMAESSLER, '07              J. B. CLEMENT, JR., '08  
    JOHN K. GARRIGUES, '14





## EDITORIAL

On account of the demands made upon the time of those who have formerly aided in editing the ALUMNI QUARTERLY, the labor has fallen this year exclusively upon the college office. The contents in this number give some idea of what Haverfordians have been doing during the past few months. In March, 1918, there was printed an extensive list of men who at that time were engaged in some form of patriotic service. The list could be considerably extended at the present time, but it seems best to wait until all the information covering Haverford's participation in these war activities can be collected and presented at once in more final form. While many are still overseas and in distant camps, it is difficult to make complete records covering their activity. As nearly as we can judge, there have been about three hundred Haverfordians serving voluntarily in the Army and Navy, and about fifty under the American Friends' Service Committee in reconstruction work in France.

It is hoped that the literary activities of Haverfordians, which have received attention here from time to time, may be brought up to date in a later number. We ask the indulgence of our readers for some errors of fact which may have crept into the following text, and also for the somewhat abbreviated form of this alumni number, which it would have been possible to extend indefinitely by publishing interesting letters from Haverfordians who are still abroad.

Information intended for future numbers will be gratefully welcomed, if addressed to the Editor of the ALUMNI QUARTERLY, Haverford College, Haverford, Pennsylvania.

PROCEEDINGS OF THE SIXTY-SECOND ANNUAL MEETING OF THE ALUMNI ASSOCIATION OF HAVERFORD COLLEGE

The Sixty-second Annual Meeting of the Alumni Association was called to order on Memorial Day, Thursday, May 30, 1918, at 6:30 P. M. with the Vice-President, Alfred Percival Smith, '84 in the chair.

On motion, the calling of the roll was omitted, as well as the reading of the minutes of the last annual meeting—the minutes having been already printed and distributed to the members.

REPORT OF THE EXECUTIVE COMMITTEE

*To the Alumni Association of Haverford College:*

Your Executive Committee respectfully reports as follows:

The regular business of the Association has received careful attention with results that we hope are satisfactory to the Association. The President, Treasurer, and many members of the regular committees are absent in the service of the government. The work has been carried on by the other officers or members appointed by the Executive Committee to fill the unexpired terms.

The resignations of President Alfred M. Collins and Treasurer Emmett R. Tatnall were presented to the Executive Committee, who thought best that these should not be accepted. They were accordingly filed, with the understanding that the duties of the President should be assumed by the Senior Vice-President, and the duties of

the Treasurer taken over by William H. Haines, Jr., to complete the unexpired terms.

In view of the existing conditions, the annual mid-winter dinner was not held and no preliminary arrangements have been so far made for that of next year.

The arrangements for Alumni Day have been placed in the hands of a special committee, authorized to carry out all details of the programme. It was decided to continue the scheme, started last year, of issuing supper tickets, and it is earnestly requested that all members co-operate with the committee, providing themselves with tickets before entering the dining room and keeping the tables and doors free from congestion.

The deaths of the following matriculates have come to the notice of the Secretary during the past year:

Anthony Morris Kimber.....	1840	9-20-17
Abraham Liddon Pennock.....	Ex-1847	6-29-17
William Cooper Wood.....	Ex-1857	3-26-18
Samuel Coleman DeCou.....	Ex-1859	12- 2-17
Richard Mott Jones.....	1867	8- 1-17
Elija Coffin.....	Ex-1867	8-28-17
Johns Hopkins Congdon.....	1869	1- 6-18
Charles Edward Haines.....	1875	12- 1-17
Walter Newbold Trotter.....	Ex-1887	3- 6-18
Frederick Newbold Trotter.....	Ex-1887	3-24-18
Joseph N. DuBarry, Jr.....	Ex-1890	3-19-18
John Whitall Nicholson, Jr.....	1907	4-10-18
Lawrence Edmund Rowntree.....	Ex-1916	11-25-17
William Wilson Baker.....	Professor of Greek	10-12-17
Samuel L. Allen.....	Manager	3-29-17

For the Committee.

H. NORMAN THORN, Secretary.

On motion, the report of the Executive Committee was approved.

REPORT OF THE COMMITTEE TO NOMINATE  
MEMBERS TO THE ASSOCIATION

The following report was read by the Chairman :

5-30-1918.

*To the Alumni Association of Haverford College,*  
Gentlemen :

Your Committee to nominate members to the Association has the honor to recommend the following nongraduates to your favorable consideration :

Thomas Charles Desmond, of the Class of 1908, 17 Gramercy Park, New York City.

Francis Collins Stokes, of the Class of 1914, Moorestown, N. J.

William Clarkson Stribling, of the Class of 1908, Markham, Va.

On behalf of the Committee,

O. M. CHASE, Chairman.

On motion duly seconded and carried, the Secretary was authorized to cast an affirmative ballot for the election to membership of these gentlemen, and their election was thereupon announced.

The Treasurer then reported as follows :

TREASURER'S REPORT

E. R. TATNALL, Treasurer, in account with Alumni Association of Haverford College, June 1, 1917, to May 16, 1918.

DR.

To Balance from last account.....	\$ 234.17
To 207 Contributions.....	\$920.00
To 523 Supper Tickets, Alumni Day.....	513.00
To Interest paid on account.....	11.41
	<hr/>
	\$1,444.41
	<hr/>
	\$1,678.58

HAVERFORD COLLEGE

9

CR.

By Alumni Day, 1917, Supper.....	\$1,000.00	
Campus Club Tea.....	52.50	
Printing, Postage, etc.....	83.85	
Ushers .....	10.00	
		<u>\$1146.35</u>
By Printing Bulletin of Annual Meeting.....	50.00	
By Printing and Sundries.....	58.84	
		<u>\$1,255.19</u>
Balance .....		423.39
		<u>\$1,678.58</u>

E. R. TATNALL, Treasurer, in Account with the Alumni Bulletin, June 1, 1917, to May 16, 1918.

DR.

To Balance from last Account.....		\$199.60
To 107 Contributions.....	\$159.50	
To Interest on Deposit.....	4.60	
		<u>164.10</u>
		\$363.70

CR.

By Printing Nov., 1917, Bulletin.....	\$ 81.05	
By Printing March, 1918, Bulletin.....	172.50	
		<u>\$253.55</u>
By Balance.....		110.15
		<u>\$363.70</u>

E. R. TATNALL, Treasurer in Account with the Alumni Extension Committee, June 1, 1917, to May 16, 1918.

DR.

Balance on hand.....		\$665.41
To 80 5-year Contributions.....	\$1,131.00	
To 3 1-year Contributions.....	135.00	
To 1 Quarter Contributions.....	12.50	
To interest on deposit.....	18.79	
		<u>1,297.29</u>
		<u>\$1,992.70</u>

	Cr.	
By Entertaining .....		\$ 87.12
By Newspaper Work.....		30.20
By Subscriptions .....		19.50
By Traveling Expenses.....		399.86
By Printing and Stenographer.....		416.75
By Stationery .....		50.50
By General Expenses.....		199.70
By Scholarship and Tutoring.....		455.00
By University Club Dues.....		66.00
		\$1,724.63
Balance .....		238.07

WM. H. HAINES, JR.,  
Acting Treasurer.

Examined and found correct.  
BENJAMIN R. HOFFMAN,  
WILLIAM E. CADBURY,

Auditors.

In the absence of the Chairman, Parker S. Williams, the following report was then presented by Thomas Evans:

### REPORT OF THE COMMITTEE TO NOMINATE OFFICERS

The Committee to nominate officers and an Executive Committee of the Haverford Alumni Association, beg to report the following nominations for election at the Annual Meeting to be held on the 30th instant:

#### *President*

WALTER C. JANNEY, '98

#### *Vice-Presidents*

A. F. HUSTON, '72

L. J. MORRIS, '89

A. C. MAULE, '99

*Secretary*

H. N. THORN, '04

*Treasurer*

W. H. HAINES, JR., '06

*Executive Committee*

HENRY COPE, '69

O. M. CHASE, '94

B. R. HOFFMAN, '97

C. C. MORRIS, '04

E. WRIGHT, '08

E. P. ALLINSON, '10

R. BARRIE, JR., '18

For the Committee,

PARKER S. WILLIAMS, Chairman

On motion duly seconded and carried, the report of the Nominating Committee was accepted, and the nominations approved by a *viva voce* vote, this in accordance with the Constitution, electing these gentlemen to the offices for which they had been nominated.

The Secretary then read the following:

REPORT OF THE ORATORICAL PRIZE COMMITTEE TO THE ALUMNI ASSOCIATION OF HAVERFORD COLLEGE

Your Committee was told by the President of the College and the Assistant Professor of English, that, on account of the depleted condition of the Junior and Senior Classes this year, it was not found advisable that a con-

test should be held, and therefore no such contest was arranged for.

Your Committee would ask that the authority given to them last year to make changes they may deem advisable in the rules governing these contests, should be extended to the incoming committee.

Respectfully submitted,  
EDWARD Y. HARTSHORNE, Chairman.

On motion duly seconded and carried, the report was accepted and filed.

The Secretary then read the following report:

#### REPORT OF THE COMMITTEE ON ATHLETICS

The Committee on Athletics have not felt called upon to assist actively in the College Athletics during the past year, and feel that no report, other than the publications in the Bulletin, is necessary at this time.

Very respectfully,  
JOSEPH W. SHARP, JR., Chairman.

On motion duly seconded and carried, the report was accepted and filed.

The Secretary then read the following report:

#### REPORT OF COMMITTEE ON HALL OF FAME IN CRICKET PAVILION

*To the Alumni Association of Haverford College:*

Your Committee has endeavored to procure a picture of the Captain of the eleven of 1917, so far, however, without success. It will continue its efforts and will also



have prepared a tablet containing the names of the eleven of 1918 and a photograph of its Captain, for which it asks the usual appropriation of Ten Dollars.

On behalf of the Committee

A. G. SCATTERGOOD, '98, Chairman.

On motion duly seconded and carried, this report was accepted and the appropriation of the ten dollars asked for was made.

The following report was then read:

REPORT OF THE ALUMNI EXTENSION COMMITTEE

*To the Secretary of the Alumni Association of Haverford College:*

Your Committee respectfully reports that its work has gone on in spite of great handicaps in the absence of many regular occasions, both at the various schools and at the college, where such functions have been given up. It is felt, however, that inasmuch as the President of the college has a record of more than fifty men who have so far applied for entrance next fall, the work of the committee for two more years, as pledged by subscribers thereto, should continue. Professor Frank D. Watson of the Haverford College faculty has succeeded Richard M. Gummere, '02, who was granted leave of absence for the fourth quarter of the college year. Professor Watson is now actively engaged in the work, and invites the co-operation of all alumni to the greatest extent possible.

Submitted by

WINTHROP SARGENT, JR., '08, Chairman.

On motion duly seconded and carried, the report was accepted and the committee continued.

The following report was then read:

REPORT OF THE ALUMNI QUARTERLY COMMITTEE

*To the Secretary of the Alumni Association of Haverford Colleges*

Your Committee respectfully reports that two numbers of the ALUMNI QUARTERLY, in addition to the other normal publications of the Haverford College Bulletin, have been issued during the past Academic year. The first publication, issued in October, 1917, contained the proceedings of the annual meeting of the Alumni Association of Haverford College, a list of publications of Haverfordians, and a register of Haverfordians in service. The second number, issued in March, 1918, contained a revised and more complete register of Haverfordians in service, letters from France from Haverfordians in practically every branch of service, a list of publications of Haverfordians, and a short account of undergraduate activities. The Editorial Board of the ALUMNI QUARTERLY feels that the record of Haverfordians in various kinds of service has been of particular interest.

PARKER S. WILLIAMS, '94, President.

RICHARD M. GUMMERE, '02, Managing Editor.

On motion duly seconded and carried, the report was accepted and filed.

Morris E. Leeds, Secretary of the Board of Managers,

was asked to make a statement relative to the movement for putting at the disposal of the government certain of the buildings at Haverford. His report follows :

I have been asked to report the progress and present status of a movement which had its inception in the desire on the part of some members of the Alumni Association, some of whom were also members of the Board of Managers, that some of the buildings and grounds at Haverford might be used in these times of extraordinary need for some purpose of national importance. It was found by consultation with the college authorities that Isaac Sharpless Hall is not urgently needed for laboratory purposes on account of the reduced size of the upper classes, and after an informal consultation with a number of members of the Board, the question was informally taken up with representatives of the Surgeon-General's Office whether this building would be useful as a hospital. A Board meeting was held at about this point in the progress of the negotiations and a committee of the Board was appointed to consider this whole subject broadly and, if any plans for a national use of any of our buildings or grounds seemed feasible, to report with recommendations to a special meeting of the Board to be called for the purpose.

It now appears from more recent reports from the Surgeon-General's Office, that it is not likely that the Medical Department of the Army will care to consider any buildings as small as Sharpless Hall, as they propose to operate on a much larger scale. The Committee above referred to will hold itself in readiness, however, to consider favorably any alternative plans that may be pro-

posed which do not do violence to Haverford's Quaker tradition.

M. E. LEEDS.

This action on the part of the Board of Managers was approved by the members present, who greatly appreciated this action.

Alfred G. Scattergood recommended that an extra effort be made to increase the attendance at the Alumni Day exercises, and this matter will be referred to the Executive Committee having charge of this during the next year.

It was further moved by Alfred G. Scattergood and seconded by Rufus M. Jones that a letter be sent to Dr. Richard M. Gummere, expressing appreciation of his faithful services while at the college, regret at his leaving and best wishes for his success in his new work. This movement was unanimously carried, and a copy of this letter ordered put on the minutes.

#### LETTER TO DR. RICHARD M. GUMMERE

"At a meeting of the Alumni Association of Haverford College, held in the Union at Haverford on Memorial Day, Thursday, May 30th, 1918, a motion was made, seconded and unanimously carried that a letter be addressed to you by the Secretary, expressing to you the appreciation of the members of the association for the faithful service as rendered by you to the college as professor, to the association as member of the Extension Committee, and to those individuals who as undergraduates came into contact with you in your position as

professor. This appreciation is accompanied by sincere regret at your leaving and our heartiest wishes for an equal and increasing success in your new work as head of the William Penn Charter School.

Very truly yours,

H. N. THORN, Secretary.

Lawrence J. Morris, who as a member of the Committee on Alumni Day Exercises had been in charge of securing funds for and having erected the new flag pole, reported that there was a balance left over in his possession after the bills for the flag pole had been paid. This money would be turned over to the general fund.

It was moved by Lawrence J. Morris that this meeting go on record as being heartily in sympathy with those of our members and the undergraduates of the college who are now in the service of the government, with whatever branch they may be connected; and, if practicable, that an effort be made to convey to them our heart-felt greetings with best wishes for their constant welfare. This motion was promptly seconded and unanimously carried, and by placing it in these minutes, it is the intention to have this motion come to the attention of those men to whom it applies.

A motion was made by Thomas Evans that the thanks of the association be extended to the retiring officers. This being duly seconded, it was unanimously carried.

President Comfort announced that a Service Flag, as well as a Third Liberty Loan Flag, would be flown on the campus in connection with the new flag just presented, these two flags having been procured by the under-

graduates, to whom a motion of thanks was extended by the association. It was suggested that this Service Flag be carefully preserved and hung in the Union after it has served its purpose flying outside. This suggestion was approved, and on motion, the meeting adjourned.

H. NORMAN THORN, Secretary.

## THE MID-WINTER DINNER

The thirty-first annual dinner of the Alumni Association was held at the College on Saturday evening, the 25th of January. The dinner was arranged by the following committee:

J. S. STOKES, '89, Chairman

W. N. L. WEST, '92

H. W. DOUGHTEN, '06

A. C. MAULE, '99

W. H. HAINES, JR., '06

R. M. GUMMERE, '02

L. VAN DAM, '17

There were no invited guests except Mr. Noah H. Swayne, 2d., Yale, '93, of the Orpheus Club, who sang The Battle Hymn of the Republic before the meeting broke up. Ex-President Sharpless, President Comfort, and H. S. Drinker, '00, were called upon by Walter C. Janney, '98, who presided as President of the Alumni Association. President Comfort's address was substantially as follows:

This is the first gathering of Haverfordians in two long years. It has been too long an interval, and no one has regretted it more than the President of the College. During this period there has been much criticism and much encouragement. The net result, I believe, has been if not approval at least respect for the principles involved. The horrors of a world war have had a slight effect even in this quiet place. One hesitates to refer to the local situation in comparison with the greater questions before the world at the present time; but we are here for the specific purpose of getting in touch again with the College, and to renew our loyalty to it. The recent crisis which

arose was inevitable. There is probably not another issue upon which Haverfordians would have split. But, given the mixed patronage of the College during the past fifty years, the difference of opinion was inevitable.

Haverford's permanent function is to furnish educational criteria for the discovery of personal duty, and the character to act upon this discovery. It is not the place for propaganda of any particular doctrine, trading upon the name of the College. This principle should be so applied as to exclude all subjects which do not come within the accepted scope of our curriculum. But individuals must act as their conscience dictates. In the peculiar situation that arose in 1917-1918, Haverfordians followed their sense of duty, and this sense of duty was already formed by family influence. It was quite as impossible for the faculty to exercise any influence at such a time as it is unlikely that they made the attempt. The College took the consequences and the result was logical and consistent. We opened with 65 students last September, one-half of whom were below the age of service and most of the others were awaiting the draft or were exempted. Without exception students and professors were given leave of absence when it was desired.

Thus, Dean Palmer has been loaned for the year to Harvard University, where he is conducting courses in the Department of Physics; Professor Rittenhouse was in Washington during the first term assisting the Fuel Administration; Professor Pratt was also in Washington part of each week during the first term, engaged in government work; Professor Watson is acting this year as head of the Pennsylvania School of Social Service;



Professor Lunt went to Paris in December with the American Peace Commissioners and is chief adviser of our delegation on the questions connected with the Italian northern and eastern frontiers; Professor Jones was in France on two months leave of absence visiting the centers of civilian relief maintained by the American Friends' Service Committee, of which he is Chairman; Dr. Babbitt is completing the second year of his humanitarian service abroad. After concluding the hospital work at Sermaize, he was on the point of returning to Haverford in January, when the American Red Cross induced him to join an important medical commission to the Russian prisoners in Germany.

A certain letter in the *Public Ledger* of October 12 signed by a member of the college faculty came out of a clear sky. It has been called unwise, tactless, inopportune, unpatriotic, and inexact. Many alumni not denying the individual right to express opinion, were deeply chagrined that the name of the College was associated, quite inadvertently by the writer I believe, with the letter and that the college faculty contained a member who professed such sentiments. To my mind the chief fault of the letter is its intolerance, and it has produced intolerance. As soon as a representative extra meeting of the Managers could be called, the expressions of the letter were considered and officially repudiated. The gratuitous insults previously launched in the press at the College were undignified and unwarranted, reproducing the tone of the original letter. The press, avid of sensation, did its work nobly. When a professor speaks at his best his opinions are regarded as insignificant; but if he speaks at less than

his best, his utterances become inspired oracles. The letter did harm not so much to the public as to our own alumni, who are most to be considered, and who have thought that there was something rotten in Denmark. As it is, the disposal of the question has been approved by men of weight who have spoken without prejudice or personal interest. We must not forget the danger of passing censure; for to allow the censor's cap to be clapped upon us is to assume responsibility for any opinion that may be emitted by our professors. Haverfordians are too generous to wish that other than a cool and just disposition should be made in the matter by men who are as interested as any can be in determining whether any individual is a liability or an asset of the College. I trust that whatever disposition may be made of this case, the alumni body will feel that it has been considered from every point of view with the utmost care and that you will respect and support the decision. My feeling is that we should not make anything more of this episode, which is insignificant of Haverford's principles and attitude. We have only to think of our other relations in life to see that the association of an individual with a group must not be pressed too far. Haverford is too big in its educational appeal and too near our hearts in its sentimental appeal to be hurt by any individual letter to the press; but the College is small enough to be sensitive to the criticism of its alumni, if that criticism be justified by facts. What you are concerned with is not what somebody thinks, but what are the principles which are taught here. In this case there can be established no connection between individual opinion and

principles which have been inculcated at Haverford College. That this fact is known by recent students of the College is shown by the fact that I believe I received only two letters from graduates of the last five years, who were most in touch with the situation, and both of them happened to be concerned about the danger of our compromising academic freedom.

Most reassuring of course is the return of sixty of our students from other colleges where they have attended a training corps. Such men are in the best position to know the liberty that obtains here. The College now is twice the size that it was in September, and there is no reason why a college of normal size should not be expected next year. A large number of undergraduates are still in Europe or in camps and we hope that they may return. A few will do so after the midyears. I should like to propose that the following greeting to all such be printed in the *Haverford News* this week.

“Two hundred and fifty Haverford alumni meeting in Founders Hall for their annual dinner send greetings to their younger brethren at work in camp and overseas, and urge them, when their service is completed, to return to college and secure their degree.”

Our financial situation is satisfactory. The widow of the late Albin Garrett made in memory of her husband a useful bequest of \$25,000, the income of which may be used for general purposes. Particularly gratifying at the present time is a gift just made to the Corporation by Francis J. Stokes, '94 of \$5,000, to constitute in memory of his father a fund, the income of which is to be devoted to the planting and beautifying of the college

campus. A very conservative financial policy compels us to go to our constituency for material additions to our plant. The most pressing need at the present time is a small fund of perhaps \$15,000 to equip the fine laboratories for Physics and Biology in Sharpless Hall. Our friends are apparently not yet weary in well doing, as was proved by the generous response of forty alumni, who made up the deficit of \$15,000 in last year's running expense. We want nothing but a large Freshman class to put us back near the 200 mark, where we were before the war. There is a small Senior class of seven men, only, due to enlistments. By personal work, you alumni could crowd the College next fall. There is not a doubt of it. If you feel enthusiasm, it will be contagious. I should like to see how many of you are willing to make a determined effort to get a properly trained boy into the next Freshman class.

Reference has been made to the unusual evidence of alumni interest in what transpired in the College during the past few months. It is not the first time that the alumni have displayed their concern in the welfare of the College, but it is certainly the most recent occasion, and probably the most notable. I have felt for some time that this interest of the alumni is a most important asset to conserve. Over a decade ago I took steps leading to the celebration of Alumni Day on Commencement Day, and it is not too much to say that since that time, the ceremonies at the conclusion of the college year have taken on a larger significance. To apply this same interest of mine to the present circumstances, I feel very decidedly that some step should be taken by the Board of Managers inviting

the Alumni Association to constitute a committee, or board of overseers, who should represent the general body of the alumni more exactly than the Board of Managers can do under the charter. I should like to see this alumni council, or board of overseers, possess the power to speak for the Alumni Association on any matters of vital interest to the College and to make to the Board such recommendations as may seem good to them. I believe that the time has come to give a large number of our graduates who are not members of the Society of Friends, but who have a real sympathy with its tenets and who have a lively interest in everything that concerns the welfare of this oldest of Quaker colleges—I believe the time has come, I say, to give them a greater sense of responsibility by inviting them to initiate through such a recognized channel as I have suggested, such action as may seem to them for the best interest of the College. If this plan be approved by others who are concerned in its adoption, I trust that all those who are here, and many others who are with us in spirit, may pull together for a better and somewhat larger Haverford commensurate with our facilities to offer a Christian education for the duties of citizenship.

#### HAVERFORD'S REPRESENTATIVE IN WEST CHINA

Report of R. L. SIMKIN, '03, for the Year 1918.

Either directly or in its affiliated schools the West China Union University now offers instruction which may be divided into general groups as follows:

- \*Senior Division—General Course, Arts and Science.
- Senior Division, Medical Course.
- Senior Division—School of Education.
- \*Senior Division—Religion and Social Service.
- \*Junior Division—General Course, Arts and Science.
- Junior Division—Medical Course.
- \*Junior Division—Normal Course.
- \*Junior Division—Religious and Social Service.
- Middle School—General Course.
- \*Lower Grade—Normal Course.
- \*Lower Grade—Religion and Social Service (Bible School).
- Summer Session—Normal School.
- \*Summer Session—Bible School.
- Higher Primary—Model or Practice School, Under School of Education.
- Lower Primary—Model or Practice Schools.
- \*Missionary Training School, Chinese Language.

In these departments marked \* it has been my privilege to teach at some period during the year (not all in the same term). The larger number of hours has been given to specifically religious subjects, where lies my chief interest. Church History and the History of Christian Doctrine have in particular fallen to my lot. One of the great advantages of union work is that each teacher can find an abundance of work within his own department, and even if he is called to aid in some other department which may be insufficiently staffed it is usually to take some subject more or less allied to his own.

In the Normal School one of my subjects is the preparation of the students for teaching Religious Instruction according to the Syllabus of the West China Christian Educational Union. These students are preparing to go out and teach in the schools of lower grade all over the province, so whatever of good can be instilled into these thirty-two boys will later be reproduced many fold. They are younger (averaging nineteen years) and of a better scholastic grade than the class of last year,

the average age of which was 22 and 17-24ths. It is a great advantage to get students in their formative years before their minds become so knotted and gnarled by pagan customs and beliefs as to be almost impossible to straighten out. Comparatively few of this present class have had practical experience in teaching, which is a disadvantage; but they will go out for a short period to teach, after which a large number will come back for more training. It is interesting to see how many of the former students of the institution make every effort to return at the earliest opportunity, even though some of them may not be able to manage more than a summer session, a sort of rebaptism in the life-giving waters.

With these Normal students I am also conducting a Sunday School preparation class. We adopt a sort of laboratory method, most of the students teaching a Sunday School class, either in the city or in one of the schools in the vicinity. On Saturday we prepare the lesson together and discuss the best methods of presentation. Then on Sundays I visit as often as I can the seven or eight schools where my students are teaching and observe their work. I take notes on this, and then on Monday the class hour is given up to analysis and open discussion of their successes and failures in the light of educational principles. On their return home these men will in many cases be the only ones in their school and chapel who will have any conception of how a modern Sunday School ought to be conducted. This supervision, if it be organized properly and be extended to all the students in every department of the University who are teaching or could be led to teach a Sunday School class, would really

require the entire time of a Sunday School secretary. The Senate of the University has asked that a man be appointed for this special work. Until such a secretary is secured I have been asked to give what time and effort I can to the organizing and supervision of this line of evangelism.

This is the first year that a Summer Bible School has been conducted at the University. It was especially designed for the workers who throughout the year have been holding the line in the outstations, battling oftentimes single handed with the practical problems of preaching the gospel to the common people. Eighty-six men from five different missions attended, taking Introduction to the Bible, Genesis, Hebrews, the Atonement, Sunday School and Day School Religious Instruction, Methods of Evangelism, and the Life of the Master. I had the great privilege of teaching the united school for one hour daily on the last named subject, besides giving lectures on other subjects for a portion of the month.

In an institution such as the University it is true that one cannot do intensive work with such large numbers of students, but to come into contact even for a month or a year or two with so many who will soon go out into the active work of the church is a great stimulus to the teacher to give them the best he has as they pass. At the present time there are over eighty who come directly under my influence for at least two hours a week. In two of the smaller classes I have been able to get very close to the students who seem unusually sympathetic and responsive.

A serious handicap has been met throughout the year,



our inability to secure a house at the University. The best we could do has been to rent a house in the city, nearly two miles from the campus. The city gate closes at dusk, and we are therefore almost wholly cut off from association with the students outside of class hours. Until we can have a home at the University it will be impossible to give them the friendship and counsel they need.

One method of extending our influence educationally has been of value. Early in the year we put up a cabinet at the entrance most frequented, and here under glass we exhibit postcards and pictures from the illustrated magazines. On our journeys we have for years been collecting cards of the places visited, so we are able to illustrate the life and customs of a number of countries. Through my teacher I have prepared explanatory notes in Chinese in permanent indexed form so as to be able to use these cards and pictures for successive generations of students. Judging from the numbers who crowd about the cabinet they are much appreciated.

Through my connection with the Chinese Language School I am able to improve my knowledge of the language as well as aid other missionaries in their preparation for future usefulness.

At the close of the spring term, in a large temple premises outside the north gate, the Y. M. C. A. held a conference somewhat similar to the Northfield Conference. As my wife was invited to take charge of the music we moved out and lived for six days in a small temple adjacent to the courtyard where the meetings were held. Bible classes, conferences on methods of Association work, platform addresses, athletics, and life-work meet-

ings in the beautiful grove made it a time long to be remembered, and the leaders and seventy-five delegates dispersed with a firm determination that this first Y. M. C. A. conference in West China should be followed annually by others.

At the beginning of 1918 the Local Treasurership of the F. F. M. A. becoming vacant, I believed it my duty to undertake the work so as to relieve another man for important missionary service. Arrangements have been made whereby the former treasurer still acts as cashier for such payments as are made in Chengtu, and I attend to the bookkeeping for the five stations of the China Mission.

In addition to a share in the work of the Chengtu Friends' Meeting through the meetings for worship and the Monthly Meeting, the year has presented frequent opportunities for helpfulness in other directions. Among these may be mentioned lectures in the Y. M. C. A., addresses in the Sunday services at the University and at the Middle School, in the dormitories of two of the participating Missions, and in four of the churches of the city. Until recently I also led a Bible class in the Y. M. C. A., until pressure of other duties indicated that I must not again undertake a class.

This survey of the year must not close without our recording our great thankfulness that we have thus been permitted in comparative quiet to witness for the Master. There have been alarms, to be sure, as in February, when the former Governor fled from the city at the approach of the victorious Southern forces, and in the panic over two hundred civilian refugees took up their

residence for a week on our premises. Nevertheless the hand of our God has been upon us and upon His Church for good.

ROBERT L. SIMKIN, '03.

Chengtu, West China, November 4, 1918.

### UNDERGRADUATE ACTIVITIES.

*Athletics*—The war caused a necessary curtailment of Haverford's athletic program during the fall, and it was found impossible to carry through the 1918 football schedule. Provision was made for the student's desire to indulge in his favorite sport by a system of compulsory athletic participation. Each student had to indulge in some form of athletic work during one hour of the afternoons. Enough men participated in soccer to enable a representative team to be formed, which, although playing no collegiate games, scheduled ten games with various industrial and other outside teams and succeeded in winning eight games, tying one and losing one.

The ending of the war and the subsequent disbanding of the S. A. T. C. units in the other colleges sent many new men to Haverford and returned many former students who had left to enter military service.

The first great step in the reorganizing of athletic activities was taken immediately after the opening of the second half year with the adoption of basketball as a major sport. Haverford has often felt the lack of some good sport in the winter to keep the men active and interested. Basketball was played informally and among the classes. This year, however, the recognition of basketball as a major sport heightened the interest of many and pro-

vided the necessary sport for the revival of spirit and participation in major athletic activity which would otherwise have been postponed until spring. So far the basketball team has defeated the Pennsylvania Military College and the College of Osteopathy, and has lost to Delaware.

Basketball has found a warm body of supporters and excellent material for good teams in the future. The game promises to become one of Haverford's favorite sports.

The gym team was also reorganized, and meets have been scheduled with the Naval Academy at Annapolis and with Princeton. These sports, together with inter-class basketball, soccer games and the Freshman and Sophomore gym classes, have kept nearly all the men in college active during the winter.

Cricket practice has been started in the cricket shed, and the baseball team is beginning indoor batting practice in the gymnasium. The return of Captain Hisey has greatly strengthened the track team, which is getting into shape for the outdoor season.

It has been decided to hold a Junior Interscholastic Track Meet on Walton Field on Friday, May 30. This meet has been substituted for the former annual indoor track and gym competition that has always been successful. The feeling is that the change will be an improvement.

*Other Activities*—At the opening of the fall term, no member of the *News* board had returned to college. As this part of college activity was deemed too important to be missing, the college authorities and members of

the faculty assisted an inexperienced board in putting out the paper, which was sent to every man in camp or overseas. The *News* has proved itself to be of inestimable worth to the students and to the alumni, and is performing its necessary functions quite creditably.

The return of old men to college from the country's service was celebrated by a reception in the form of a Welcome Home Dance given shortly after the opening of the second half year.

The Musical Clubs are in full swing, and, as the Cap and Bells Club has decided not to give a play this year, the season has been extended until late in April. Both an Atlantic City trip and a Baltimore trip are being arranged.

Junior Day this year will be held on May 2. and will be celebrated mainly by a dance in the gymnasium.

RUSSELL N. MILLER, '19.

#### HAVERFORD OFFICERS IN U. S. ARMY

It is of interest to note that according to our best knowledge at the present time the following Haverfordians have been serving in the United States Army with rank above Lieutenant:

##### *Colonel*

MARK BROOKE, '96

##### *Major*

E. B. CASSATT, '87  
C. B. FARR, '94  
J. A. LOGAN, '00  
E. D. FREEMAN, '00  
W. SARGENT, JR., '08  
R. E. STRAWBRIDGE, '92

A. M. COLLINS, '97  
G. M. P. MURPHY, '00  
W. B. WINDLE, '07  
S. J. GUMMERE, '07  
W. JUDKINS, 3d, '10  
H. MAIER, '12

*Captain*

T. J. ORBISON, '88	C. B. COULTER, '08
J. E. HUME, '97	J. B. CLEMENT, JR., '08
J. B. DRINKER, '03	F. M. RAMSEY, '09
C. V. HODGSON, '03	E. SHOEMAKER, '09
J. K. WORTHINGTON, '03	N. D. AYER, '10
C. R. HAIG, '04	J. C. DEVELIN, '10
B. ESHLEMAN, '05	J. D. KENDERDINE, '10
C. S. LEE, '05	W. C. LONGSTRETH, '13
H. PLEASANTS, JR., '06	S. C. PICKETT, '13
J. C. BIRDSALL, '07	E. L. FARR, JR., '15
F. C. BAILY, '08	U. J. MENGERT, '16

## QUAKER COLLECTIONS IN HAVERFORD COLLEGE LIBRARY

[Reprinted from *Library Journal*, January, 1919.]

The collection of Quaker books and Quakeriana in the Library of Haverford College, Pennsylvania, is doubtless the largest and best in America for the historical or theological student. No other American collection possesses such long lines of Quaker periodicals, both American and British. Of the most important of these there are complete sets. There are also practically complete series of the printed "Minutes" of the Orthodox Yearly Meetings, as well as a few in manuscript, and some of the "Hicksite" Yearly Meetings. The library's collection of pamphlet literature is very large, both bound and unbound.

The various controversies which have arisen within the Quaker body from the earliest days of the Society to the present, such as the "Wilkinson-Story" (time of George Fox), the "Hicksite" Separation of 1827-1828, the "Beaconite Controversy," 1836, the "Wilburite-Gur-

ney" of a later date, and others, are impartially and very fully represented.

The collection of Quaker tracts of the seventeenth century is probably unsurpassed in this country. The collection of the late William H. Jenks, of Philadelphia, alone, which was presented by his widow, consists of about 1,500 titles bound separately in full or half calf or morocco; through the generosity of a friend of the college, a number of rarities from the library of the late Charles Roberts (Class of '64) were acquired, as well as many other titles. Altogether about 1,000 volumes, besides pamphlets, were secured at the late Roberts sale in New York.

There is also a large number of Anti-Quakeriana of all sorts and periods. The aim has been to secure as far as possible whatever bears on the history, doctrines and practices of the Friends, whether by Quakers or not, and whether for or against them.

In addition to printed books and pamphlets, there is a considerable number of more or less valuable manuscripts. Among these are seven or eight autograph letters of William Penn, one of which, a letter to the Princess Elizabeth, Palatine, dated 1677, extends to sixteen pages. The Gulielma M. Howland collection contains family letters and papers and other documents ranging from 1677 to about the middle of the nineteenth century, comprising in all several hundred pieces. Many of these are of much interest, among them the original manuscript diary (December, 1777-April, 1778) of Margaret Morris, of Burlington, New Jersey, giving details of Revolutionary experiences. This diary has only been

privately printed—50 copies in 1836, and again in "Letters of Dr. Richard Hill" (Philadelphia, 1854, p. 211-237).

To indicate the completeness of the collection it may be noted that George Fox is represented by 230 titles; William Penn by 97; George Keith by 53; George Whitehead by 75; Richard Farnsworth by 48; John Lilburne by 23; Francis Bugg by 45; James Nayler by 63; there is a copy of every edition of George Fox's Journal, including the first impression of the first folio (1694) with the leaf afterward suppressed; and most of the editions of Barclay's celebrated "Apology," including the first Latin and first English, and Baskerville's quarto edition of 1765.

Among the rarities are Stephenson's "A Call from Death to Life," 1660; "New England's Ensign," 1659; "Plantation Work in America," by William Coddington, 1662; "Several Epistles Given Forth by Two of the Lord's Faithful Servants Whom He Sent to New England," etc., 1669; Bishop's "New England Judged," 1703; George Fox's "Battle Door," 1660; John Bellers' "Proposal for Running a Colledge of Industry," 1696; one of two manuscript copies of George Fox's "Short Journal," the original manuscript of which is in the Friends' Reference Library, Devonshire House, London, and which has never been printed or published.

These notes will be sufficient to indicate the value and extent of the collection, which numbers about 7,000 volumes, besides manuscripts and unbound pamphlets.

ALLEN C. THOMAS,  
*Consulting Librarian.*



## NECROLOGY

Since the annual meeting of the Alumni Association last June, the death of the following former students of the College has been reported to the college office:

- FRANKLIN E. PAIGE, '51.  
AUGUSTUS REEVE, '55.  
BENJAMIN H. SMITH, '59.  
JAMES TYSON, '60.  
JOSEPH HARTSHORNE, '71.  
WILLIAM M. LONGSTRETH, '72.  
JOSEPH M. FOX, '73.  
J. M. W. THOMAS, '78.  
BENJAMIN COLLINS, '85.  
GEORGE PEIRCE, '03.  
WARREN K. MILLER, '06.  
W. CARROLL BRINTON, '15.  
HORACE B. FORMAN, 3D, ex-'17.  
JOSEPH J. WALTON, ex-'19.  
HAROLD W. HICKS, ex-'20.

Dr. James Tyson, prominent physician, author, lecturer and the oldest professor in point of service at the University of Pennsylvania, died February 21, 1919, at his home, 1506 Spruce street. He was seventy-seven years old.

Doctor Tyson was born in Philadelphia October 26, 1841. He was graduated from Haverford College in 1860 and the medical department of the University in 1863. Shortly after his career as instructor commenced.

Upon the creation of the University's new hospital

Doctor Tyson, in 1874, was appointed lecturer on pathological anatomy and histology. Two years later he was selected professor of general pathology and morbid anatomy. He was transferred in 1899 to the chair of medicine, from which he returned in 1910. During his service he was dean of the faculty of medicine and on the board of managers of the University.

His activities were not confined to the University alone. He was closely associated with the management of the Rush Hospital for Consumptives, being an incorporator of the institution. Other hospitals in which he was active were the Pennsylvania Hospital, Philadelphia Hospital, Kensington Hospital for Women and St. Mary's Hospital.

His scientific and medical writings were prolific and are regarded as authorities in their respective fields. In addition to numerous papers and minor works he was the author of "The Cell Doctrine, Its History and Present State," "An Introduction to Practical Histology," "A Treatise on Bright's Disease and Diabetes," "A Handbook on Physical Diagnosis" and a "Textbook on the Practice of Medicine."

Doctor Tyson was affiliated with numerous medical and scientific organizations. He was prominent in the affairs of the College of Physicians; Pathological Society, of which he was once president; Obstetrical Society of Philadelphia, Association of American Physicians, American Medical Association, the Pennsylvania State Medical Society, the American Clinical Association and the American Philosophical Society. He received the honorary degree of Doctor of Laws from his Alma

Mater in 1908, one of the very few men whom Haverford has thus honored.—*Public Ledger*.

Johns Hopkins Congdon, '69, of Providence, R. I., died January 6, 1918. Mr. Congdon was one of the most prominent men of his generation at Haverford, and an influential member of his community all his life. He was one of the men whose names are most intimately connected with the early history of cricket at the college.

William M. Longstreth, '72, died suddenly in Germantown, December 8, 1918. Mr. Longstreth was an enthusiastic Haverfordian and seldom missed an opportunity to revisit the College and to take part in the alumni cricket game on Commencement Day. He was prominent as a Presbyterian layman in Sunday school work, and was also personally connected with many of the recent reform movements in Philadelphia. He was a Director of the Germantown Trust Company and of the City Club. Mr. Longstreth's only son is Captain William Church Longstreth, '13.

Joseph M. Fox, '73, of Wakefield, Germantown, died September 5, 1918. A prominent cricketer while in college, Mr. Fox was always interested in sports, and was soon recognized as one of the ablest cricketers in America. In 1882 he represented Philadelphia in a successful tour of England, playing in several international cricket matches. He was a member of many clubs, and was formerly on the Board of the Orthopedic Hospital and Bedford Street Mission. He was one of the best known book and autograph collectors in Philadelphia, his library containing many rare volumes relating to colonial and State history.

Dr. George Peirce, '03, son of Mr. and Mrs. Harold Peirce, of Haverford, died on February 4th from injuries received by an explosion of chemicals at the plant of the Colgate Soap Company, at Jersey City.

Dr. Peirce was 36 years of age, resided at Montclair, N. J., and was research chemist for the Colgate Company.

While at Haverford he was an excellent student, the recipient of many college honors. After having received his A. B. at Haverford in 1903, he studied at Johns Hopkins, receiving a degree of M. D. there in 1907. Five years later the University of Berlin conferred upon him the degree of Ph. D.

John Whitall Nicholson, Jr., '07, of Moorestown, N. J., died April 10, 1918, of illness contracted while engaged in Y. M. C. A. work at Camp Dix, N. J.

News of the death of Warren Koons Miller, '06, of Allentown, Pa., has recently brought sadness to all who knew him. He had made a brilliant career and had made for himself a large circle of loyal friends who loved and admired him. He had conquered difficulties all the way up from his earliest youth, and was as truly a self-made man as it is possible for anyone to be. While a student at Haverford he got up at four o'clock in the morning and drove the college farm milk-wagon, to earn money for his education, and in spite of his heavy outside labor by diligent work he made himself a first-rate student. Every year of his course he forged ahead and rose nearer to the top of his class. Everybody came to recognize his mettle and to appreciate his sterling qualities of mind and character. His career in the University

Law School was especially brilliant. Here he fully revealed the mental power that was in him, and realized the splendid promise which he had shown at Haverford. He had served a term in the Pennsylvania State Legislature, with excellent record, and at the time of his death he was District Attorney for Lehigh County. His untimely death from influenza at the age of thirty-five has terminated a most promising life. He had the traits and the real spirit of the true Haverford type of man. He loved the college where he had first discovered himself and found what was in him, and Haverford men of his period all believed in him and honored him. He would have gone far if he could have been spared to fulfil his proper term of years, but short as it was his life was long enough to exhibit genuine purity, sincerity and integrity of character.

All Haverford men will grieve deeply at the news received last month by cable from the Paris office of the American Friends' Service Committee that Walter Carroll Brinton, '15, had died of pneumonia at Sermaize, France, on December 8th. Brinton, who expected to return to this country in April, 1919, spent over a year of devoted service under Dr. Babbitt in connection with the civilian hospital in the Marne district. All officials of the Unit bear witness to a record which, as one would expect, was distinguished for attention to duty and consideration for others. He had sailed October 29, 1917.

Carroll Brinton was born in January, 1894, son of Mr. and Mrs. Walter Brinton, of Frankford. His father is a member of the class of '81. The son was educated at

Westtown, entering Haverford in 1911. He soon took a prominent place in the class of '15. A steady scholar, a popular classmate, and a winning personality, he forged unobtrusively into well-deserved prominence. The Beta Rho Sigma fraternity, the Musical Clubs, and various class organizations claimed his attention.

It was in cricket, however, that he made a special reputation. He ranks with the best of Haverford captains. Knowing the fine points of the game, a first-class bat and bowler, and a crack fielder, he took every catch that came his way. As leader, he got the best out of his men without domineering or show. A catch in the slips, or the stopping of a "rot," always meant that Brinton had thought the problem well in advance. The result was an undefeated team and the championship. And through it all ran a strain of modesty and a quality of sportsmanship that has left its mark at Haverford.

A promising business career with the Miller Lock Company of Frankford was interrupted by the call to service in 1917. The records of his unit show what he did to help others at a time of hardship.

Haverfordians will come, and go; we hope that the crack of the willow and the leather will be always heard on the field; but in the hearts of all wearers of the Scarlet and Black will remain the memory of "Keedle" Brinton—a sterling sportsman, a valued friend, and a devoted son.

Lawrence E. Rowntree, ex-'16, was killed in Europe while assisting in operating a British tank in the fighting about Cambrai, according to reports. Rowntree came to this country from Scarborough, England, and after

attending Haverford College for a year, returned to Cambridge, England, where he took up the study of medicine. While at Haverford he was a member of the soccer team.

When the war started, he entered the English ambulance service, and early in 1915 joined the Motor Corps, to which he had been assigned the duty of operating the tanks. He met his death in the big British drive against the Germans on November 25th.

Lieutenant Horace B. Forman 3rd was killed in the aviation service at the French front, September 14, 1918.

Forman was a Haverford student of the class of 1917 but spent only half a year here, having to take certain courses preliminary to the study of agriculture at Cornell. Although he was here such a short time, he made a deep impression upon those with whom he was associated by his scholarly traits and pleasing personality.

Forman will always be remembered at Haverford College. His golden star on her service flag will in future years be a constant reminder that he was one of her sons who died for his country.

## A SUGGESTION

Thanks to generous benefactors, the endowment of Haverford College has grown to large proportions. It must grow constantly, for the need continues to grow every year. Some of our larger funds are for specific purposes, and cannot be applied to the general expenses of the College. For the prosaic items of property upkeep, fuel and lights, provisions, wages, apparatus, and building alterations, there is constant need of expansion of funds to meet the high cost in these necessities. The income from students, fortified by scholarship funds, just about takes care of the salary requirements. Special funds in general meet the needs of the library, the infirmary, and certain lectorships and professorships. Practically all our buildings have been erected by subscription without touching our endowment.

Many friends of the College who were able to do so have made large bequests to the College and have endowed it to the extent of its present efficiency. But we have no funds for enlargement, no resources to meet the demands which are already coming, and for new enterprises required by changing conditions. New sources of income for general and unspecified purposes must be forthcoming, if Haverford is to go forward with other colleges in the place she at present occupies.

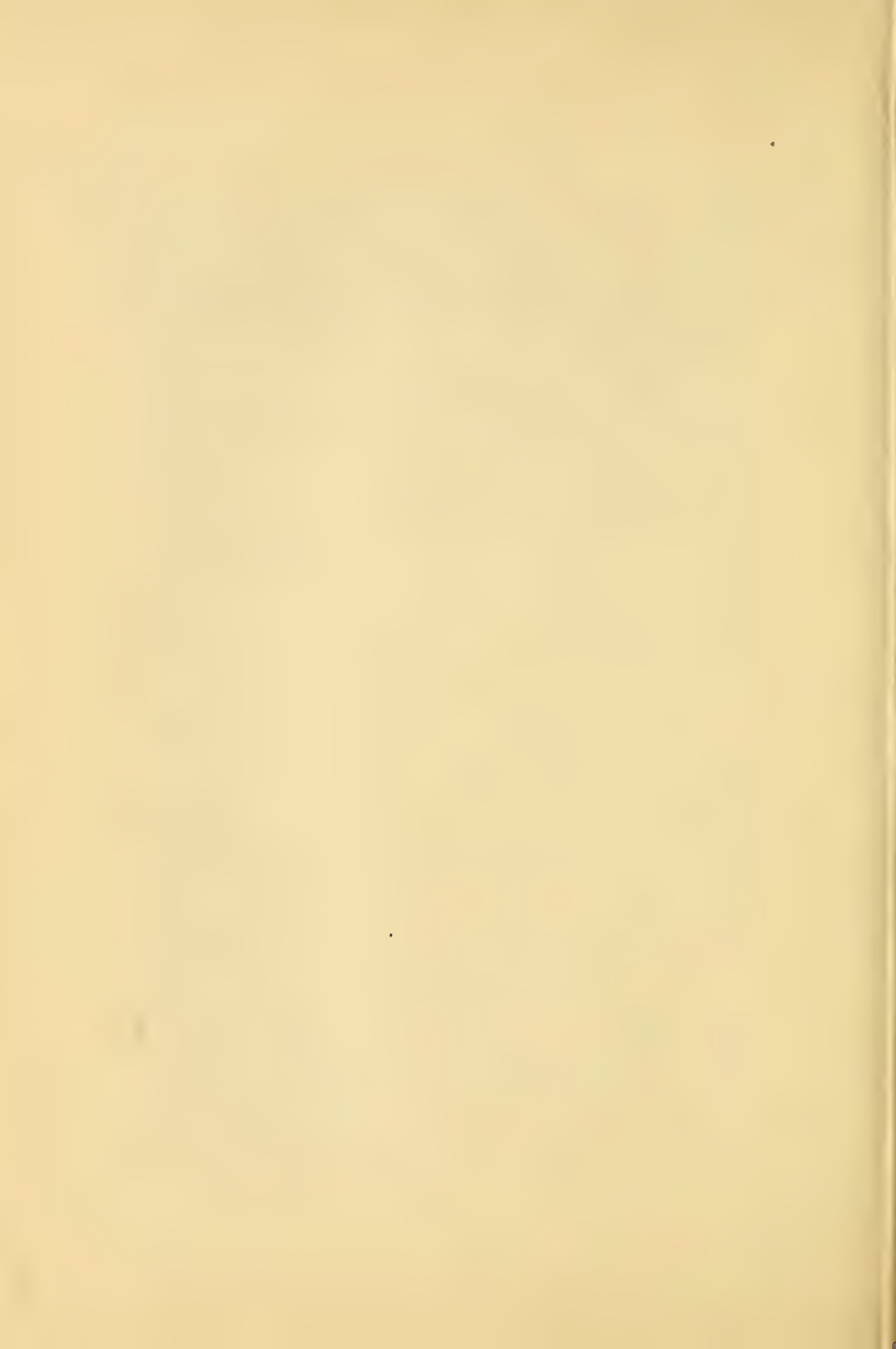
It is at this point that a large number of our graduates could help by including the College in their wills to the extent of a small bequest of less than ten thousand dollars. It is a mistake to suppose that because one is unable to make a large bequest it is therefore useless to make a small one of a few thousand or a few hundred



dollars. Both the financial and the moral assistance rendered by many small bequests in a score of years would be considerable. The general endowment available for a hundred unspecified requirements would thus be greatly increased.

I believe there are not a few of our graduates, both young and old, who would gladly leave a small memorial fund in this way to repay the debt they owe the College either in actual financial assistance or in the more subtle sentimental values they have received here, did they know how helpful and welcome such funds would be.

W. W. COMFORT.







# HAVERFORD COLLEGE BULLETIN

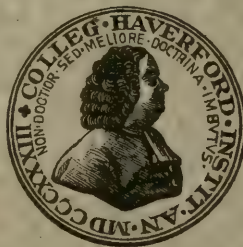
VOL. XVII

APRIL, 1919

No. 3

## Catalogue

1918-1919



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CATALOGUE  
OF  
Haverford College  
1918-1919



HAVERFORD, PA.

## 1919

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

## 1920

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

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



## CALENDAR

1919-1920

Examinations for Admission.....	Sept. 22, 23, 24, 1919
College Year, 1919-1920, begins, 9.10 A. M.....	Sept. 25
First Quarter ends, 4.00 P. M.....	Nov. 19
Thanksgiving Recess.....	Nov. 27, 28, 29
Winter Recess begins, 1.00 P. M.....	Dec. 20
Winter Recess ends, 8.30 A. M.....	Jan. 5, 1920
Second Half-year begins, 8.30 A. M.....	Feb. 9
Third Quarter ends, 1.00 P. M.....	Mar. 27
Spring Recess begins, 1.00 P. M.....	Mar. 27
Spring Recess ends, 8.30 A. M.....	April 5
Senior Class Day.....	June 10
Commencement and Alumni Day.....	June 11
Examinations for Admission.....	June 14, 15, 16



# HVERFORD COLLEGE

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## HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York, who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its 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; but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the school was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of

## HAVERFORD COLLEGE

invested funds yielding interest has been increased to over two and one-half million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whitall Hall, a new three-story structure, was built. The Biological Laboratory was established in 1886; Chase Hall for lectures and recitations, and the Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years during a period of rapid development made possible largely by the general and unfailing coöperation of the alumni, the following additions have been made to the College equipment: in 1899, the Logan and Norris sections of Lloyd Hall, a dormitory; in 1900, a large and well equipped Gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with College offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Chemical Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C.

## HISTORY AND DESCRIPTION

Strawbridge, and a concrete grandstand, the gift of Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, with laboratories for biology and physics. In addition to these College buildings there are a number of residences on the grounds which are occupied for the most part by professors.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred and twenty-five acres with an estimated present value of over one and one-half million dollars. While the greater part 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 four fields for cricket, American Rugby and association football, a running-track, six tennis courts, and a pond for skating.

Parallel with its material growth there have been

## HAVERFORD COLLEGE

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 still enjoys 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. General courses are now given in arts and science. The generous endowment for salaries and pensions 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 about twice the sum which he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow-students. The deep religious spirit bequeathed by the Quaker founders has been carefully cherished and high ideals of life and conduct are maintained, but in the admission of students and in the appointment of instructors there are no denominational distinctions. 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."

## CORPORATION

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### *President.*

ASA S. WING.....409 Chestnut St., Phila.

### *Secretary.*

J. STODGELL STOKES.....Summerdale, Phila.

### *Treasurer.*

J. HENRY SCATTERGOOD.....648 Bourse Building, Phila.

### BOARD OF MANAGERS.

#### *Term Expires 1919.*

GEORGE VAUX, JR.....1606 Morris Building, Phila.

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JONATHAN M. STEERE.....Girard Trust Co., Phila.

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#### *Term Expires 1920.*

WILLIAM H. HAINES.....1136 Ridge Ave., Phila.

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JOHN M. WHITALL.....410 Race St., Phila.

ISAAC SHARPLESS.....Haverford, Pa.

MORRIS E. LEEDS.....4901 Stenton Ave., Germantown, Phila.

EDWARD W. EVANS.....304 Arch St.

HENRY COPE.....Awbury, Germantown, Phila.

T. CHALKLEY PALMER.....R. F. D. No. 2, Media, Pa.

HAVERFORD COLLEGE

*Term Expires 1921.*

JAMES WOOD.....Mt. Kisco, N. Y.  
ABRAM F. HUSTON.....Coatesville, Pa.  
THOMAS F. BRANSON.....Rosemont, Pa.  
SETH K. GIFFORD.....Moses Brown School, Providence, R. I.  
CHARLES J. RHODES.....1914 S. Rittenhouse Sq., Phila.  
DANIEL SMILEY.....Mohonk Lake, N. Y.  
ALBERT L. BAILY.....1508 Walnut St., Phila.  
WILLARD E. SWIFT.....5 Massachusetts Ave., Worcester, Mass.

ASA S. WING, *President*                      MORRIS E. LEEDS, *Secretary*  
409 Chestnut St., Phila.      4901 Stenton Ave., Germantown, Phila.



STANDING COMMITTEES OF THE  
BOARD OF MANAGERS

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*Executive Committee.*

JOHN M. WHITALL	JAMES WOOD
ISAAC SHARPLESS	FREDERIC H. STRAWBRIDGE
CHARLES J. RHOADS	MORRIS E. LEEDS
GEORGE VAUX, JR.	J. HENRY SCATTERGOOD
STANLEY R. YARNALL	

*Committee on Finances and Investments.*

WILLIAM H. HAINES	CHARLES J. RHOADS
FRANCIS A. WHITE	JONATHAN M. STEERE

*Committee on Accounts.*

J. STOGDELL STOKES	EDWARD W. EVANS
JONATHAN M. STEERE	ALBERT L. BAILY

*Committee on College Property and Farm.*

FREDERIC H. STRAWBRIDGE	ABRAM F. HUSTON
JOHN M. WHITALL	DANIEL SMILEY
T. CHALKLEY PALMER	

The President of the Corporation is *ex officio* a member of all standing committees.

FACULTY\*

1919-1920

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WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.

President

ISAAC SHARPLESS, SC.D., LL.D., L.H.D.

President, *Emeritus*, and Dean of the Thomas Wistar  
Brown Graduate School.

ALLEN CLAPP THOMAS, A.M.

Consulting Librarian, and Professor of History, *Emeritus*.

LYMAN BEECHER HALL, PH.D.

John Farnum Professor of Chemistry, *Emeritus*.

ALBERT SIDNEY BOLLES, PH.D., LL.D.

Lecturer on Commercial Law and Banking, *Emeritus*.

FRANCIS BARTON GUMMERE, PH.D., LL.D., LITT. D.

Professor of English Literature.

HENRY SHERRING PRATT, PH.D.

David Scull Professor of Biology.

†JAMES ADDISON BABBITT, A.M., M.D.

Professor of Hygiene and Physical Education.

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\* The Faculty list is arranged in four groups: professors, associate professors, assistant professors, and instructors. To this is added the assistants in instruction. In each group the names occur in the order of appointment to that group.

† Absent on leave.

FACULTY

RUFUS MATTHEW JONES, A.M., LITT.D.  
Professor of Philosophy.

DON CARLOS BARRETT, PH.D.  
Professor of Economics.

LEGH WILBER REID, PH.D.  
Professor of Mathematics.

\*FREDERIC PALMER, JR., PH.D.  
Dean and Professor of Physics.

‡WILLIAM EDWARD LUNT, PH.D.  
Walter D. and Edith M. L. Scull Professor of English  
Constitutional History.

ELIHU GRANT, PH.D.  
Professor of Biblical Literature.

†LEON HAWLEY RITTENHOUSE, M.E.  
Associate Professor of Mechanics and Electricity.

RAYNER WICKERSHAM KELSEY, PH.D.  
Associate Professor of History.

ALBERT HARRIS WILSON, PH.D.  
Associate Professor of Mathematics and Acting Dean.

\*HENRY JOEL CADBURY, PH.D.  
Associate Professor of Biblical Literature and of Greek.

†FRANK DEKKER WATSON, PH.D.  
Associate Professor of Social Work and Assistant to the  
President.

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\* Absent on leave.

† Absent on leave for the first half year.

‡ Absent on leave for the second half year.

HAVERFORD COLLEGE

DEAN PUTNAM LOCKWOOD, PH.D.  
Associate Professor of Latin.

OSCAR MARSHALL CHASE, S.M.  
Registrar and Assistant Professor of Drawing.

THOMAS KITE BROWN, JR., PH.D.  
Assistant Professor of German.

WILLIAM OTIS SAWTELLE, A.M.  
Assistant Professor of Physics.

EDWARD DOUGLAS SNYDER, PH.D.  
Assistant Professor of English.

JAMES MCFADDEN CARPENTER, JR., A.M.  
Instructor in Romance Languages.

ABRAHAM HENWOOD, Sc.D.  
Instructor in Chemistry.

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WILLIAM HENRY COLLINS, A.M.  
Superintendent of Buildings and Grounds.

HELEN SHARPLESS  
Acting Librarian.

PERCY GAYDE GILBERT  
Assistant in the Engineering Laboratory.

## STANDING COMMITTEES OF THE FACULTY

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LIBRARY—President Comfort, Chairman; Professors Thomas, Gummere, Pratt, Jones, Lunt and Lockwood.

DELINQUENT STUDENTS—Professor Reid, Chairman; Professor Barrett and Acting Dean Wilson.

STUDENT PETITIONS—Acting Dean Wilson, Chairman; Professors Kelsey and Sawtelle.

ATHLETICS—President Comfort, Chairman; Professors Brown and Acting Dean Wilson.

ADVANCED DEGREES—Professor Reid, Chairman; Professors Jones, Pratt, Watson, Lunt and Lockwood.

CATALOGUE—Acting Dean Wilson, Chairman; Professors Brown and Snyder.

## STUDENTS

### THE COLLEGE

The letter A after the name of a student indicates that he is taking the course in Arts; s, the Course in General Science. In the last column is given the number of the student's room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Center; Bs, for Barclay Hall, South; F, for Founders Hall; GS, for Graduate School; L, for Lloyd Hall; M, for Merion Hall; D, for day-student. In the class lists are included all regular students and also those qualifying for regular standing. Concerning special students see page 00. A student who is repeating a course, or who has conditions or deficiency in excess of six hours of half-yearly courses, or who is carrying an entrance condition after January of the Freshman year is marked with an asterisk (\*). Students marked with a dagger (†) entered college after the first quarter, in most cases from Government Service.

#### GRADUATE STUDENTS

†Dam, Loring	<i>New York City</i>	52 Bn
A.B. (Haverford) 1917		
†Townsend, Alfred James	<i>Boston, Mass.</i>	16 L
A.B. (Haverford) 1918		

#### SENIOR CLASS

Barlow, John Denman	s <i>Hazel Grove, England</i>	
†Battey, Richard Thompson	s <i>Providence, R. I.</i>	15 Bs
Bechtel, Jesse Bertolet	s <i>Philadelphia, Pa.</i>	
†Buzby, George Haines	s <i>Atlantic City, N. J.</i>	19 L
†Corson, Philip Landon	A <i>Plymouth Meeting, Pa.</i>	7 Bs
†Crosman, John Marshall	s <i>Haverford, Pa.</i>	D
†Graves, Edgar Baldwin	A <i>Philadelphia, Pa.</i>	5 Bs
†Haines, Hartley Stokes	s <i>Millville, N. J.</i>	15 Bs
McConnell, Thomas, 3d	A <i>Philadelphia, Pa.</i>	44 Bc
Miller, Russel Nelson	A <i>Philadelphia, Pa.</i>	44 Bc

## STUDENTS

†Porter, Edward Arthur			
Gribben	S	<i>Moylan, Pa.</i>	3 Bs
Sutton, Chester McKinley	A	<i>Summerfield, N. C.</i>	55 Bn
†Thornton, Percy Stokes	S	<i>Wayne, Pa.</i>	19 L
†Thorpe, Elmer Hancock	S	<i>Haverford, Pa.</i>	16 L

## JUNIOR CLASS

Brecht, Harold Walton	A	<i>Lansdowne, Pa.</i>	35 Bc
†Burritt, Robert William	A	<i>Overbrook, Pa.</i>	6 Bs
Collins, Benjamin, Jr.	S	<i>Purchase, N. Y.</i>	31 Bc
†Elder, Lucius Williams, Jr.	A	<i>Wayne, Pa.</i>	11 Bs
†Fergusson, Edmund Morris, Jr.	A	<i>Baltimore, Md.</i>	20 Bs
†Fitts, John Russel	S	<i>Kansas City, Mo.</i>	19 L
†Gucker, Frank Thomson, Jr.	A	<i>Philadelphia, Pa.</i>	18 Bs
Harris, Pierson Penrose	A	<i>Philadelphia, Pa.</i>	14 L
Hartman, Harry Calvin	A	<i>Waynesboro, Pa.</i>	40 Bc
†Hisey, John Alan, Jr.	S	<i>Philadelphia, Pa.</i>	52 Bn
†Hoag, Gilbert Thomas	A	<i>Haverford, Pa.</i>	24 Bs
†Kamsler, Milton Adolph	A	<i>Philadelphia, Pa.</i>	35 Bc
†Kearney, Thomas Henry	S	<i>Edgemont, Pa.</i>	17 Bs
Kimber, Thomas Henry	A	<i>Philadelphia, Pa.</i>	
†King, Joseph Bernard, Jr.	S	<i>Mt. Airy, Pa.</i>	D
†Knowlton, Alfred Douglas	S	<i>Haverford, Pa.</i>	D
†Leuba, Clarence James	S	<i>Bryn Mawr, Pa.</i>	5 Bs
†Lycett, Isaac Cate	S	<i>Baltimore, Md.</i>	17 L
†Mullin, James Torbert	A	<i>West Chester, Pa.</i>	21 Bs
†Oliver, Kenneth Stuart	A	<i>Moorestown, N. J.</i>	19 Bs
Reese, John Davies	S	<i>Scranton, Pa.</i>	44 Bc
†Silver, Francis Stokes	S	<i>Aberdeen, Md.</i>	21 Bs
*Smith, Robert Buoy	A	<i>Hollidaysburg, Pa.</i>	15 L

H A V E R F O R D C O L L E G E

†Stubbs, Thomas Hodgson	S	<i>West Chester, Pa.</i>	31 Bc
†Sutton, James Edward	A	<i>Denver, Colo.</i>	13 Bs
†Tatnall, Henry Rumsey	A	<i>Wilmington, Del.</i>	69 Bn
†Thorpe, Clinton Clement Hancock	S	<i>Haverford, Pa.</i>	
†Toogood, Granville Ernest	A	<i>Germantown, Pa.</i>	5 L
†Van Sickle, Schuyler Curtis	S	<i>Springfield, Mass.</i>	24 Bs
†Williams, John Steele	A	<i>Germantown, Pa.</i>	7 Bs

S O P H O M O R E C L A S S

Abele, Alan Mason	A	<i>Narberth, Pa.</i>	D
†Arrowsmith, Harold Walton	A	<i>Orange, N. J.</i>	20 L
†Atkinson, Robert	S	<i>Mt. Airy, Pa.</i>	1 L
Babb, Jervis Jefferis	A	<i>Ardmore, Pa.</i>	39 Bc
†Baker, James McGranahan	S	<i>Ardmore, Pa.</i>	38 Bc
Barlow, Thomas Bradwall	A	<i>Hazel Grove, England</i>	43 Bc
†Bigelow, Henry Charles	S	<i>Millville, N. J.</i>	13 Bs
†*Broadhead, Robert Stafford	A	<i>Strafford, Pa.</i>	D
†Caskey, Paul Herbert	S	<i>Toronto, Canada</i>	14 Bs
Dowlin, Cornell March	S	<i>Philadelphia, Pa.</i>	
†*Edmonds, John Branson	S	<i>Germantown, Pa.</i>	15 L
Elkinton, Henry Thomas	S	<i>Berkeley, Calif.</i>	
†Ewan, Stacy Newcomb, Jr.	S	<i>Millville, N. J.</i>	10 Bs
†Fansler, Thomas LaFayette, Jr.	S	<i>Fraser, Pa.</i>	D
Gebauer, George John	A	<i>Érie, Pa.</i>	2 Bs
†Grier, Harold Caulk	S	<i>Milford, Del.</i>	
†Haines, Edward Cadmus	S	<i>Moorestown, N. J.</i>	41 Bc
†Hastings, Alan Woods	A	<i>Jacksonville, Fla.</i>	8 F
†*Hauff, Edmund Guido	A	<i>Philadelphia, Pa.</i>	32 Bc
Heilman, Eugene Blair	S	<i>Philadelphia, Pa.</i>	39 Bc
Henderson, Herschel Clifford	S	<i>Toronto, Canada</i>	37 Bc



STUDENTS

†Hoopes, John Robison	S	<i>West Chester, Pa.</i>	23 Bs
Hurwitz, Boris Leon	A	<i>Philadelphia, Pa.</i>	D
†Jebb, William Thomas	S	<i>Lawndale, Pa.</i>	6 Bs
Jones, John Barclay, Jr.	S	<i>Germantown, Pa.</i>	43 Bc
†*Kerbaugh, Malcolm Dean	S	<i>Bryn Mawr, Pa.</i>	D
†Klaren, John Hugo, Jr.	S	<i>New Bedford, Mass.</i>	1 Bs
†Long, Julian Sax	S	<i>Wilkes-Barre, Pa.</i>	14 Bs
†McKinley, Morrison Cushman	S	<i>Philadelphia, Pa.</i>	2 Bs
†MacIntosh, Archibald	A	<i>Ithaca, N. Y.</i>	22 L
†Matzke, David	S	<i>Ithaca, N. Y.</i>	22 L
†Mengert, William Felix	S	<i>Washington, D. C.</i>	4 F
†Miller, John Delaplane	A	<i>Woodsboro, Md.</i>	53 Bn
†*Milne, Norman Forbes	A	<i>Germantown, Pa.</i>	5 L
Morris, Elliston Perot, 2d.	S	<i>Germantown, Pa.</i>	3 L
†*Nicholson, Alfred	A	<i>Moorestown, N. J.</i>	21 L
Nock, Samuel Albert	A	<i>Hasbrouck Heights, N.J.</i>	51 Bn
†Ohl, Raymond Theodore	A	<i>Ardmore, Pa.</i>	D
†*Pierce, James Lawrence	A	<i>Blessing, Texas</i>	17 L
†Powell, Amos Arthur	S	<i>Bryn Mawr, Pa.</i>	38 Bc
†Richardson, Hubert			
Townsend	A	<i>Passaic, N. J.</i>	18 L
†Roberts, Garrett	A	<i>Montclair, N. J.</i>	20 L
†Rogers, Albert Edward	A	<i>Medford, N. J.</i>	23 Bs
†*Rogers, Joseph Elsworth	S	<i>Toronto, Canada</i>	14 L
†Ruffu, Henry	S	<i>Atlantic City, N. J.</i>	12 Bs
†Sangree, Milton Huyett	A	<i>Haddonfield, N. J.</i>	3 F
Smith, Joseph Hutchinson	A	<i>West Chester, Pa.</i>	37 Bc
†Taylor, Willard Samuel	S	<i>Malvern, Pa.</i>	30 Bc
Timbres, Harry Garland	A	<i>Alberta, Canada</i>	51 Bn
Ufford, Charles Wilbur	A	<i>New York City, N. Y.</i>	22 Bs
Walker, Austin Shaffner	S	<i>Mendenhall, Pa.</i>	3 L
†Weatherby, Benjamin B. 2d	A	<i>Millville, N. J.</i>	1 L

H A V E R F O R D COLLEGE

†Wilbur, Bertrand Henry	S	<i>Rosemont, Pa.</i>	21 L
Willson, David Harris	S	<i>Haddonfield, N. J.</i>	41 Bc
†Wood, Robert Newlin	S	<i>Riverton, N. J.</i>	22 Bs
†Zook, Allan	S	<i>Malvern, Pa.</i>	14 Bs

FRESHMAN CLASS

Abbott, Charles David, Jr.	A	<i>Milford, Del.</i>	4 L
†Arrowsmith, Noel Stryker	A	<i>Orange, N. J.</i>	8 Bs
†Barker, John Bryant	A	<i>Pittsburgh, Pa.</i>	14 L
Braddock-Rogers, Kenneth	S	<i>Haddonfield, N. J.</i>	6 F
Brown, Andrew	S	<i>Los Angeles, Calif.</i>	13 L
Bucknell, Allen Kazlitt	S	<i>East St. Louis, Ill.</i>	5 F
†Carey, Anthony Morris, Jr.	S	<i>Baltimore, Md.</i>	9 Bs
Fraser, Henry Salmon	A	<i>Syracuse, N. Y.</i>	36 Bc
Gummere, John Flagg	A	<i>Llanerch, Pa.</i>	8 L
†Haines, Howard Lippincott, Jr.	S	<i>Philadelphia, Pa.</i>	
Hall, Percival, Jr.	S	<i>Washington, D. C.</i>	1 F
Hallock, Joseph	A	<i>Milton, N. Y.</i>	26 Bc
Halpern, Mordecai	S	<i>Philadelphia, Pa.</i>	
Heilman, William Blair	A	<i>Philadelphia, Pa.</i>	29 Bc
*Hendricks, William Craig	A	<i>Chambersburg, Pa.</i>	25 Bc
Hilleman, George Adolph	S	<i>Pittsburgh, Pa.</i>	7 L
†Janney, Richard Worth	S	<i>Germantown, Pa.</i>	9 L
Jones, Edward Ballinger	S	<i>Haddonfield, N. J.</i>	
†Kay, David Alexander	S	<i>West Chester, Pa.</i>	16 Bs
Kuhns, Barton Hay	A	<i>Omaha, Neb.</i>	
Kumm, Henry William	S	<i>Summit, N. J.</i>	7 F
*Lane, David Redfield	S	<i>Poughkeepsie, N. Y.</i>	10 L
Lewis, Andrew Lindsay	A	<i>West Chester, Pa.</i>	
†McDaniel, Delaplaine	S	<i>Elkins Park, Pa.</i>	16 Bs

## STUDENTS

MacCallum, William Henry, Jr.		<i>Philadelphia, Pa.</i>	11 L
*Marvin, Gerald Longacre	s	<i>Fortress Monroe, Va.</i>	8 Bs
Matzke, Robert Rudolph	s	<i>Ithaca, N. Y.</i>	11 L
†Miller, Vincent Oscar	s	<i>Tuckahoe, N. J.</i>	68 Bn
Montgomery, Thomas Roger	s	<i>Philadelphia, Pa.</i>	29 Bc
Muench, Alfred George	s	<i>Philadelphia, Pa.</i>	2 F
*Nakane, Shigeo	s	<i>Tokyo, Japan</i>	D
Oliver, Herbert Willard	s	<i>Lynn, Mass.</i>	
Perry, Foster Nichols	s	<i>Westerly, R. I.</i>	12 L
†Pfund, Harry William	A	<i>Philadelphia, Pa.</i>	10 L
Reitzel, William Attich	s	<i>Philadelphia, Pa.</i>	9 L
*Rhoads, William Lester	A	<i>Boyertown, Pa.</i>	7 L
†Sagebeer, Richard Grafflin	s	<i>Berwyn, Pa.</i>	D
†Sangree, Nathan Barnitz	s	<i>Haddonfield, N. J.</i>	26 Bc
Sidel, James Eckel	A	<i>Reading, Pa.</i>	8 L
†Silver, William Easter	s	<i>Aberdeen, Md.</i>	6 L
†Smith, William Brinton, Jr.	A	<i>West Chester, Pa.</i>	2 L
Snader, Craige McComb	A	<i>Haverford, Pa.</i>	13 L
†Tatnall, Thomas, Jr.	s	<i>Wilmington, Del.</i>	69 Bn
Taylor, Edward Allinson	s	<i>Haverford, Pa.</i>	12 L
Thompson, Edward Jackson	A	<i>Philipsburg, Pa.</i>	28 Bc
Walton, Kenneth Betts	s	<i>Narberth, Pa.</i>	25 Bc
†Wiley, Roger	s	<i>Wayne, Pa.</i>	
Wright, John Colvin	A	<i>Bedford, Pa.</i>	4 L
*Yeh, Kung Huei		<i>Tientsin, China</i>	63 Bn
Zerrer, Edwin Walter	s	<i>Philadelphia, Pa.</i>	6 L

### SPECIAL STUDENTS

†Cawl, Melvin Allen		<i>Brooklyn, N. Y.</i>	18 L
Cooper, Edwin Newbold		<i>Philadelphia, Pa.</i>	
Nosawa, Kigaro		<i>Tokyo, Japan</i>	

HAVERFORD COLLEGE

THE THOMAS WISTAR BROWN GRADUATE SCHOOL

Austin, Mary Eliza A. B. (Wilmington) 1915	<i>Wilmington, O.</i>	GS
Doan, Mary Alithea Coffin A.B. (Guilford) 1915	<i>Indianapolis, Ind.</i>	GS
Knight, Rachel B.L. (Swarthmore) 1898 M.A. (Swarthmore) 1910	<i>Somerton, Pa.</i>	GS
Marshall, Eva Rae A.B. (Penn College) 1918	<i>Wessington Springs, S. D.</i>	GS
Michener, Grace Ellen A.B. (Penn College) 1918	<i>Truro, Iowa</i>	GS
Ratliff, Alice A.B. (Earlham) 1915	<i>Fairmount, Ind.</i>	GS

SUMMARY

Graduate Students.....	8
Seniors .....	14
Juniors .....	30
Sophomores .....	56
Freshmen .....	50
Specials .....	3
<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	
Total.....	161

## ADMISSION

Candidates for admission to the Freshman class shall make application on a blank which will be furnished on request, by the President of the College. (See page 90.)

Each candidate shall also present a certificate of character from the principal of the school last attended. Principals are requested to write fully as to the character, habits, and ability of applicants. Such statements will have due weight in determining the question of admission.

The subjects which may be presented for admission are divided into two groups in accordance with the following table. The figures given represent "units" according to the system of the Carnegie Foundation.\*

Group I (required of all candidates):

English A <sup>†</sup>	}	(English 2) .....	3
English B			
Algebra A (Mathematics A 1)	}	.....	1½
Algebra B (Mathematics A 2)			
Plane Geometry (Mathematics C).....			1
One History.....			1

\* "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 sixteen units of work."

† For definitions of these subjects see pages 29-40. The names in parentheses represent the terms used for the corresponding requirements of the College Entrance Examination Board (see page 27). See also the first footnote on page 26.

HAVERFORD COLLEGE

Group II (elective):

Latin A (Latin 1, 2 and 3).....	2
Latin B { Cicero (Latin 4) { Vergil (Latin 5) { Composition (Latin 6) } .....	2*
Greek (Greek A 2, B G and C).....	3
Elementary German (German A).....	2
Advanced German (German B).....	1
Elementary French (French A).....	2
Advanced French (French B).....	1
Elementary Spanish (Spanish).....	2
Botany .....	1
Chemistry .....	1
Histories, each.....	1
Physics .....	1
Physiology .....	1
Solid Geometry (Mathematics D).....	$\frac{1}{2}$
Plane Trigonometry (Mathematics F).....	$\frac{1}{2}$

Every student must present for admission subjects having a total value of  $14\frac{1}{2}$  units arranged as follows:

*For A.B. degree:*

All subjects in Group I.....	6 $\frac{1}{2}$
Latin A and Latin B.....	4
(Or Greek, 3 units)	
Other subjects from Group II (including one language) .....	4
(Or, with Greek, 5 units)	

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\* Any two of the three subdivisions under Latin B together with Latin A will be accepted as constituting three units.

## ADMISSION

*For the S.B. degree:*

All subjects in Group I.....	6½
Subjects from Group II (including at least four units in the languages).....	8

The candidate may give evidence of his preparation in these requirements by either of the following plans for admission:

I. *By Examination only.* The candidate must take entrance examinations in *all* the subjects which he presents for admission. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter college, but no student will be admitted to a preliminary examination without a certificate from his teacher specifying the subjects in which he is prepared.

Students unable to pass all the examinations may be admitted with a few conditions. Each case will be decided on its merits.

II. *By both Examination and Certificate.* This system may be employed by school graduates only. The graduate must present, on blanks supplied by the College and signed by the principal of the school which he has attended, a complete record of his work on all subjects during the last four years of preparation, with the time spent and the grade received in each study. This work is expected to include the subjects with a total value of 14½ units prescribed on the preceding page.

He must also take entrance examinations in three subjects,—English, mathematics, and one foreign language. The English will be the examination defined as English

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B. The mathematics will be both Algebra B and Plane Geometry. The language required will be, for the A.B. degree, either Latin B or Greek; for the S.B. degree, Latin B or Greek or Elementary German or Elementary French.\* The three examinations must all be taken *and passed at one time* either in June or September.

On the basis of his certificate and his marks in these examinations the applicant will be either admitted without conditions or rejected with permission to apply again for admission according to either plan.†

This plan is intended mainly for good students, who, deciding late in their school courses to enter Haverford, would find it difficult to prepare themselves for examination in all their entrance subjects, but could readily pass a good examination in three fundamental subjects of their school course and present a satisfactory certificate for all of it. Candidates of only average ability and those who can take preliminary examinations in regular order will gain nothing by adopting this plan.

*Special Students.*—A few students not candidates for degrees may be received to pursue special courses. All such candidates under twenty-one years of age must satisfy the entrance requirements demanded of regular students.

*Advanced Standing.*—Candidates may be admitted to advanced classes if found proficient in all the preceding

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\* Students entering by both examination and certificate may use the following "Comprehensive Examinations" of the College Entrance Examination Board: English, Mathematics C3, and either Latin C4, Greek C3, French C2, or German C2.

† In a few exceptional cases a student who fails in one examination but passes the other two examinations with high marks may be admitted if at the next examination period he repeats the examination in the subject in which he failed and passes it with a high mark.



## ADMISSION

studies of the course. Each case will be considered on its merits. Students entering from other colleges must present certificates of honorable dismissal.

### SCHEDULE OF EXAMINATIONS FOR ADMISSION

*Haverford College Entrance Examinations held in June will be discontinued after 1920; applicants for admission will thereafter be expected to take examinations offered by either the College Entrance Examination Board or by the Regents of the State of New York.*

For admission to the Freshman class according to either of the plans described above examinations may be taken in the following ways:

1. The College Entrance Examination Board holds, in June at many different places, examinations which cover the Haverford requirements. For information address the Board at Hamilton Hall, 1134 Amsterdam Avenue, New York, N. Y.

2. Similar examinations are held every spring by the Regents of the State of New York.

3. Special Haverford examinations are held in June at Friends' Select School, 140 N. Sixteenth Street, Philadelphia, and in September at the College. For students living at a distance special arrangements may be made for taking these examinations at the same hours elsewhere. In 1919 the order of Haverford examinations will be as follows:

June 16th and September 22nd.

9.00-11.30 Elementary German.

11.30- 1.00 Advanced German.

H A V E R F O R D   C O L L E G E

- 10.00-12.00 Spanish.
- 12.00- 1.00 English A.
- 2.00- 4.00 English B.
- 4.00- 5.30 Physics.

June 17th and September 23rd.

- 9.00-10.00 Cicero.
- 10.00-11.00 Vergil.
- 11.00-11.45 Composition.
- 11.30- 1.00 Latin A.
- 9.00-10.30 Botany.
- 10.30-12.00 Chemistry.
- 10.30-12.00 Physiology.
- 2.00- 4.00 Elementary French.
- 4.00- 5.30 Advanced French.
- 2.00- 3.15 Xenophon.
- 3.15- 4.30 Homer and Sight Translation.
- 4.30- 5.30 Greek Composition.
- 2.00- 5.00 Solid Geometry and Trigonometry.

} Latin B.

June 18th and September 24th.

- 9.00-10.30 Plane Geometry.
- 10.30-12.00 Algebra B.
- 12.00- 1.00 Algebra A.
- 2.00- 3.15 Ancient History.
- 3.15- 4.30 American History and Civil Govern-  
ment.
- 4.30- 5.45 Medieval and Modern European His-  
tory.
- 4.30- 5.45 English History.

## ADMISSION

### REQUIREMENTS FOR ADMISSION IN THE SEVERAL SUBJECTS

#### ENGLISH

The English examination is divided into two parts, A and B, which may be taken separately. No candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

#### *English A—Reading.*

Certain books are selected for reading. The candidate will be required to give a list of the books he has read. The form of examination will usually be the writing of a short theme on a subject chosen by the candidate from several set before him in the examination paper. The treatment of the topic should show the candidate's power of clear and accurate expression, and the examination will call for only a general knowledge of the substance of the books read.

For entrance in 1919, the candidate must choose at least ten units\* from the following groups, two units from each group. For entrance in 1920, a slightly different set of readings has been arranged. This will be published in the Catalogue for next year, and may be obtained now from the College Entrance Examination Board.

#### Group I.—Classics in Translation.

The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of

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\* Each unit is set off by semicolons.

## HAVERFORD COLLEGE

Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

### Group II.—Shakspere.

Shakspere, *Midsummer-Night's Dream*; *The Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Caesar*; *Macbeth*; *Hamlet*. N. B.—The last three only if not chosen for study under English B.

### Group III.—Prose Fiction.

Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (*Voyages to Lilliput and to Brobdignag*); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney, *Evelina*; Scott, *Novels*, any one; Jane Austen, *Novels*, any one; Maria Edgeworth, either *Castle Rackrent* or *The Absentee*; Dickens, *Novels*, any one; Thackeray, *Novels*, any one; George Eliot, *Novels*, any one; Mrs. Gaskell, *Cranford*; Kingsley, either *Westward Ho!* or *Hereward, the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's Schooldays*; Stevenson, either *Treasure Island*, or *Kidnapped*, or *The Master of Ballantrae*; Cooper, *Novels*, any one; Poe, *Selected Tales*; Hawthorne, either *The House of the Seven Gables*, or *Twice Told Tales*, or

## ADMISSION

*Mosses from an Old Manse*; a collection of short stories by various standard writers.

Group IV.—Essays, Biography, etc.

Either the *Sir Roger de Coverley Papers*, or selections from *The Tatler* and *The Spectator* (about 200 pages); Boswell, *Selections from the Life of Johnson* (about 200 pages); Franklin, *Autobiography*; Irving, either selections from the *Sketch Book* (about 200 pages), or *The Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (about 100 pages); Lockhart, selections from the *Life of Scott* (about 200 pages); Thackeray, lectures on Swift, Addison and Steele in the *English Humorists*; Macaulay, one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, or *Madame d'Arblay*; Trevelyan, selections from *Life of Macaulay* (about 200 pages); Ruskin, either *Sesame and Lilies*, or selections (about 150 pages); Dana, *Two Years Before the Mast*; Lincoln, selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, *Selected Essays* (about 150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *Inland Voyage* and *Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson and later writers; a collection of letters by various standard writers.

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### Group V.—Poetry.

Palgrave, *Golden Treasury* (First Series) Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series) Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under English B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish Ballads, as, for example, some Robin Hood Ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, either *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson, either *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How they Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, “*De Gustibus—*,” *The Pied Piper*, *Instans Tyrannus*; Arnold, *Sohrab and Rustum*, and *The Forsaken Merman*; selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

### *English B*—Study and Practice.

This part of the examination presupposes the thorough study of each of the works named below. The examina-

## ADMISSION

tion will be upon the subject matter, style, and literary history. For entrance in 1919 one unit\* from each of the following groups should be selected.

For entrance in 1920 a new list of books has been arranged. This will be published in the Catalogue for next year, and may be obtained now from the College Entrance Examination Board.

### Group I.—Drama.

Shakspere, *Julius Caesar*; *Macbeth*; *Hamlet*.

### Group II.—Poetry.

Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

### Group III.—Oratory.

Burke, *Speech on Conciliation with America*; Macaulay, *Two Speeches on Copyright*, and Lincoln, *Speech at Cooper Union*; Washington, *Farewell Address*, and Webster, *First Bunker Hill Oration*.

### Group IV.—Essays.

Carlyle, *Essay on Burns*, with a selection from Burns's *Poems*; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

## MATHEMATICS

The definition of the requirements in Mathematics is the same as that of the College Entrance Examination Board.

In each subject stress will be laid upon accuracy and neatness of work. Results should be verified.

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\* Each unit is set off by semicolons.

H A V E R F O R D C O L L E G E

*Algebra A*—To Quadratics.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

*Algebra B*—Quadratics and beyond.

Quadratic equations, both numerical and literal.

Simple cases of equations, with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binominal theorem for positive integral exponents.

The formulas for the  $n$ th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial affairs. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.



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### *Plane Geometry.*

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including problems in loci.

Applications to the mensuration of lines and plane surfaces.

### *Solid Geometry.*

The usual theorems and constructions of good text-books, including the relation of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including problems in loci.

Application to the mensuration of surfaces and solids.

### *Plane Trigonometry.*

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of the principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of simple character.

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Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles, and practical applications.

### HISTORY

(a) *Ancient History*, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages down to the death of Charlemagne.

(b) *Medieval and Modern European History*, from the death of Charlemagne to the present time.

(c) *English History*.

(d) *American History and Civil Government*.

Each of the above subjects is intended to represent one year of historical work wherein the study is given five times a week, or two years of historical work wherein the study is given three times a week.

The work should include the use of good text-books, collateral reading, practice in written work, and in locating places and movements on outline maps. The candidate should be trained in comparison and in the use of judgment as well as in the use of memory.

### LATIN

*Latin A.* Cæsar, *Gallic War*, Books I-IV. Forms and constructions and sight translation.

*Latin B.* (a) Cicero, the speech *On the Manilian Law*, the speech *For Archias*, and either the four speeches *Against Catiline* or an equivalent; sight translation.

(b) Vergil, *Aeneid*, Books I, II, either IV or VI, and

## ADMISSION

either three other books of the *Aeneid* or an equivalent; sight translation. (c) Translation into Latin of an English passage, based on some portion of the Cæsar or of the Cicero prescribed.

## GREEK

(a) Xenophon, *Anabasis*, Books I-IV. (b) Homer, *Iliad*, Books I-III, omitting the Catalogue of Ships. (c) The translation at sight of simple Attic prose. (d) The translation into Greek of a simple English passage based upon some portion of Xenophon prescribed.

The examinations will be designed to test the candidate's knowledge of grammatical forms and constructions, his ability to translate into idiomatic English, and the intelligence with which he has read the prescribed books.

## GERMAN

*Elementary German*, admitting to German 1. A knowledge of German grammar and vocabulary sufficient to enable the candidate to translate at sight into idiomatic English easy passages taken from modern German prose; to write out typical declensional and conjugational paradigms and such other grammatical forms as are usually given in school grammars; and to translate into German simple English sentences or a piece of easy connected prose.

Candidates should have read in preparation not less than three hundred pages of modern German, including reading at sight, from the works of at least three different authors.

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*Advanced German*, admitting to German 2. A more thorough knowledge of grammar, vocabulary and idiom than that required for Elementary German, enabling the candidate to read at sight more difficult prose as well as poetry, and to translate into German a number of English sentences or a piece of connected prose requiring both appreciation of the English idiom and knowledge of the corresponding German idiom. The work done in German 1 (see page 51) will be considered adequate for preparation.

Students presenting themselves for examination in Advanced German will not be given credit for it unless they pass also the examination in Elementary German.

Students who fail the examination in Elementary German will not be allowed to enter German 1 without special permission of the instructor; students who fail the examination in Advanced German will not be permitted to present themselves for re-examination in Advanced German if they have taken German in college.

## FRENCH

*Elementary French*, admitting to French 1. (a) Proficiency in elementary grammar including the more common irregular verbs. (b) Ability to translate simple French prose and to put into French short sentences requiring a knowledge of the simpler idioms. Candidates should have read in preparation not less than three hundred pages, including reading at sight, from the works of at least three different authors.

*Advanced French*, admitting to French 2. (a) Thorough knowledge of grammar. (b) Ability to translate ordinary French of the nineteenth century. (c) Command of idiom sufficient to put into French a connected

## ADMISSION

passage of ordinary English prose. As preparation an equivalent of the work done in French 1 (see page 53) is adequate.

Students who have presented themselves for examination in Advanced French will not be given credit for it unless they have passed also the examination in Elementary French.

## SPANISH

Only Elementary Spanish is offered and the requirements are identical with those given above for Elementary French.

## BOTANY

The requirement will be one year's work. The student will be expected to have a fairly definite knowledge of the seed and seedling, root, stem, and leaf, the flower and fruit, the cell, and the natural history and classification of plants. The student's original laboratory note-book, endorsed by his teacher, must be presented at the time of the examination.

## CHEMISTRY

The requirements in chemistry will comprehend a course of at least sixty experiments performed by the pupil and accompanied by systematic instruction in the common elements and their compounds, including chemical equations, the simple gas laws, and the fundamental atomic and molecular theories. The student's original laboratory note-book, endorsed by his teacher, must be presented at the time of the examination.

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### PHYSICS

The requirement will be one year's work, covering mechanics, sound, heat, light, magnetism, and electricity. Emphasis will be laid upon the solution of problems. At least two hours per week of laboratory work must be included. Note-books must be left with the instructor at the time of the examination.

### PHYSIOLOGY

The requirement will be one year's work, and will cover the general principles of the subject; functional activity of muscular, nervous, epithelial, and connective tissues; the digestive, circulatory, excretory, and respiratory systems, and the special senses.

## COURSE OF STUDY

The course of study includes both required and elective subjects, thus combining the breadth of knowledge and culture that comes from variety of studies with opportunity for concentration on limited fields. In addition to a general course in arts or in science, by proper choice of electives more specialized courses can be taken in mechanical engineering, in electrical engineering, in chemistry, or in the preparatory work required for admission to medical schools.

*Required Subjects.*—For the A.B. degree either Greek or Latin must be presented for entrance, and one of these languages and English must be taken in both Freshman and Sophomore years. One other language and mathematics must be taken in Freshman year. One course in laboratory science is required before graduation; this may either be taken in Freshman year, or deferred and offered in fulfillment of the further requirement that *one* course from the group *biology, chemistry, physics, and mathematics*, be taken after the Freshman year. Certain courses in history, economics, psychology, Biblical literature, ethics, and sociology are required during the last three years.

For the S.B. degree the four foreign language units required for entrance may be presented from any of the five languages in which examinations are held, but English and either French or German must be taken in both Freshman and Sophomore years. One course in laboratory science is required before graduation; this may either be taken in Freshman year, or deferred and offered

## HVERFORD COLLEGE

in partial fulfillment of the further requirement that *two* courses from the group *biology, chemistry, physics* and *mathematics* must be taken after Freshman year. Certain courses in history, economics, psychology, Biblical literature, ethics and sociology are required during the last three years.

*Elective Subjects.*—Some choice in languages and in one other group of subjects is allowed in Freshman year. Two electives are to be chosen in Sophomore year. In both Junior and Senior years four elective courses are required and a fifth is permitted. But in the choice of electives, in order to encourage proper concentration, it is required that after Freshman year at least nine full-year hours be taken in one subject and at least six full-year hours in each of two other subjects. The nine hours must be distributed over at least two years.

*Special Students.*—Students in good academic standing may be permitted, after consultation with the Dean and the instructors concerned, to pursue special courses, not leading to a degree. Such students must take a schedule of not less than 15 hours a week, and must maintain a grade of at least 70 for the year in each course.



## CURRICULUM

<i>Freshman Year</i>	HOURS
English 1 and 2.....	2
Two from* { Latin A or 1 Greek A or 1 French A, 1, or 2 German A, 1, or 2 } .....	8
Mathematics 1 and 1'.....	4
One from { Chemistry 1 Physics A Engineering 1 and 1' History 1 } .....	3 or 4
Physical Training (Biology 1a first quarter).....	2

### *Sophomore Year*

English 3.....	2
History 2a and Economics 1b.....	3
One of the languages taken in Freshman year*.....	4
Two from* { Greek A, 1, or 2 Latin A, 1, or 2 French A, 1, or 2 German A, 1, or 2 Biology 2 Chemistry 1 or 2 Physics 1 Mathematics 2 Engineering 2 and 2' } .....	8
Physical Training.....	2

### *Junior Year*

Philosophy 1b and Biblical Literature 1a.....	3
Elective courses*.....	12†

### *Senior Year*

Sociology 3b and Philosophy 5a.....	3
Elective courses*.....	12†

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\* See requirements in languages and sciences mentioned on page 41.

† Not less than 15 and not more than 20 hours may be taken altogether in either half of Junior or of Senior years.

# SCHEDULE OF CLASSES FOR THE YEAR 1919-1920

Courses enclosed in parentheses are not offered in 1919-20

a=first half-year.    b=second half-year.    Eng.=English.    Engin.=Engineering.

Classes in Economics 1a, English 1 (English 1 theme conferences are not scheduled), Mathematics 1 and 1', English 2, History 2b, and English 3 are divided and half the number of scheduled hours is required, except in the case of English 3 where the Tuesday period and either the Thursday or the Friday period are required. Where the sections of a divided class meet at different hours the two sections are distinguished by affixed superior numbers, as Economics 1a<sup>1</sup>, Economics 1a<sup>2</sup>, etc. All chemistry laboratory hours are arranged to suit the schedules concerned. Biology 2 requires at least five hours from the laboratory periods scheduled; Physics A, at least two and one-half hours. For additional courses offered, see note at foot of schedule.

	8.30	9.30	10.30	11.30	12.30	1.00	1.30	2.00	3.00
<b>MONDAY</b>	French A German A (Latin A) Bib. Lit. 2b, 3a Greek 2 Math. 2 Econ. 2a, (6a) Econ. 3b, (7b) Engin. 4a, 5b Engin. 6b	Greek A Economics 1a <sup>1</sup> German 1 French 2 History 2b <sup>1</sup> French 3, (4) History 4 Philosophy 4 Physics 7	Physics A Astron. 1a, (2b) Chemistry 1 History 1 Phil. 2a, 3b Ger. 4a, 3b (Economics 6b) Ger. 5a, 6b	Biology 1a (1st quarter) Latin 2 Engin. 2a Econ. 4a, 5b History 7a, 3b	Luncheon	English 1 <sup>1</sup> Sociology 1, (2) English 2 <sup>1</sup> German 2 History 5	Bib. Lit. 1a Economics 1a <sup>2</sup> Latin 1 Philosophy 1b History 2b <sup>2</sup> Sociology 3b Philosophy 5a		
<b>TUESDAY</b>	Math. 1, 1 <sup>1</sup> English 3 <sup>1</sup> , 3 <sup>2</sup> Physics 6 Biology 8, 9 Eng. 9a, 10b	French 1 Physics 1 Greek 3, (4) Math. 4 English 6a History 6b (Biology 7) Eng. (8b), 11b	Greek A German 1 French 2 Math. 3 Biology 6a Lab. Eng. (12a), 13a Eng. (14b), 15b	Geology 1b Math. 1c' Latin 2 Econ. 4a, 5b History 7a, 3b	Luncheon	Greek 1 Engin. 1, 2, 3	Latin 1 Lab. ——— Physics 3 Lab. ——— Biology 3, (5) Lab. ——— (Physics 4b, 5b Lab.)		
<b>WEDNESDAY</b>	French A German A (Latin A) Bib. Lit. 2b, 3a Greek 2 Math. 2 Econ. 2a, (6a) Econ. 3b, (7b) Engin. 4a, 5b	Greek A Economics 1a <sup>1</sup> German 1 French 2 History 2b <sup>1</sup> Biology 2 Laboratory French 3, (4) History 4 Philosophy 4	Physics A Astron. 1a, (2b) Chemistry 1 History 1 Phil. 2a, 3b Ger. 4a, 3b (Economics 6b) Ger. 5a, 6b	Bib. Lit. 1a Economics 1a <sup>2</sup> Math. 1c' Philosophy 1b History 2b <sup>2</sup> Sociology 3b Philosophy 5a	Luncheon	Greek 1 Geology 1b Sociology 1, (2) Physics 1 Lab. History 5 Biology 6a Lab. Physics 7 Lab.	French 1 Biology 3, (5) Lab. ———		
<b>THURSDAY</b>	Math. 1, 1' Biology 2 German 2 English 3 <sup>1</sup> Physics 6 Biology 8, 9 Eng. 9a, 10b	French 1 Physics 1 Greek 3, (4) Math. 4 English 6a History 6b (Biology 7) Eng. (8b), 11b	French A German A (Latin A) Greek 2 Math. 2 Math. 3 Eng. (12a), 13a Eng. (14b), 15b	Meeting 11.45-12.45 but omitted on the next to the last Thursday in each month	Luncheon	Greek 1 Engin. 1, 2, 3 Engin. 2a	Latin 1 Lab. ——— Physics 3 Lab. ——— Biology 3, (5) Lab. ——— (Physics 4b, 5b)		
<b>FRIDAY</b>	Math. 1, 1 <sup>1</sup> English 3 <sup>2</sup> Bib. Lit. 2b, 3a Econ. 2a, (6a) Econ. 3b, (7b) Engin. 4a, 5b	Greek A Economics 1a <sup>1</sup> German 1 French 2 History 2b <sup>1</sup> Biology 2 Laboratory French 3, (4) History 4 Philosophy 4 Physics 7	Physics A Laboratory Astron. 1a, (2b) Chemistry 1 History 1 Phil. 2a, 3b Ger. 4a, 3b (Economics 6b) Ger. 5a, 6b	Geology 1b Latin 2 Econ. 4a, 5b Biology 6a History 7a, 3b	Luncheon	English 1 <sup>2</sup> Sociology 1, (2) English 2 <sup>2</sup> German 2 History 5	Bib. Lit. 1a Economics 1a <sup>2</sup> Latin 1 Philosophy 1b History 2b <sup>2</sup> Sociology 3b Philosophy 5a		
<b>SATURDAY</b>	Math. 1, 1 <sup>1</sup> Biology 2 German 2 Physics 6 Biology 8, 9 Eng. 9a, 10b	French 1 Physics 1 Greek 3, (4) Math. 4 English 6a History 6b (Biology 7) Eng. (8b), 11b	French A German A (Latin A) Greek 2 Math. 2 Math. 3 Eng. (12a), 13a Eng. (14b), 15b	Biology 1a (1st quarter) Latin 2 Physics 3 (Physics 4b, 5b)	Dinner	The following unscheduled courses are offered, the hours for which will be arranged to suit the schedules of the students electing them: the fourth hour of Greek 1, Greek 5; Latin 3, 4, 5; Spanish (A), 1; Italian 1; Mathematics 5 to 9 inclusive; Bib. Lit. 4; Biology 4; Chemistry 1 laboratory periods and Chemistry 2, (3), 4; Physics 10; Engineering 1', 2b', 3a'.			

## COURSES OF INSTRUCTION

[Unless otherwise indicated all courses are offered in 1919-20.]

### GREEK

Either Greek 1 and 2 (or A and 1) or Latin 1 and 2 are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Greek courses are open as electives to those properly qualified.

For New Testament Greek see Biblical Literature 5.

A. *Course for Beginners.* Thorough study of the elements of the language, followed by the reading of simple Attic prose. This course gives adequate preparation for Greek 1. Students who do not present Greek for admission and desire to begin the study in College, whether they intend to continue in the more advanced courses or not, are strongly advised to elect Greek A in Freshman year, if possible, rather than later. The course is generally given in alternate years.

Professor Lockwood; 4 hours.

1. *Freshman Greek.* Selections from various prose authors; Homer, *Odyssey*. Sight reading. Collateral reading on Greek private life and Greek mythology.

Professor Lockwood; 4 hours.

2. *Sophomore Greek.* Xenophon, *Memorabilia*; Plato, *Apology*; selections from Aristophanes' *Clouds*; selected Greek tragedies. Sight reading. History of Greek literature.

Professor Lockwood; 4 hours.

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3. *Greek Literature.* Herodotus, Books VII and VIII; Thucydides, Books VI and VII; representative Greek dramas, both tragedy and comedy.

3 hours.

4. *Greek Literature.* Plato, selected dialogues; Aeschines, *Against Ctesiphon*, and Demosthenes, *On the Crown*.

3 hours.

[Not offered in 1919-20.]

5. *Advanced Greek Prose Composition.* Exercises and conferences. This course should be taken for at least one year by all candidates for Honors. Those who desire to qualify for High Honors are advised to take it two years of their College course.

1 hour.

## LATIN

Either Latin 1 and 2 or Greek 1 and 2 (or A and 1) are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Latin courses are open as electives to those properly qualified.

A. *Course for Beginners.* This course, usually given in alternate years, consists of a thorough grounding in the elements of Latin grammar and the reading of at least three books of Cæsar's *Gallic War*, and as much as possible in Cicero's orations (see the entrance requirements, page 36) and in Vergil.

Professor Lockwood; 4 hours.

[Not offered in 1919-20.]

1. *Freshman Latin.* Roman literature—Part I. The Republic and the Augustan Age. Reading of selections

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from the historians and from Plautus, Terence, Cicero, Catullus, and Vergil. Translation at sight. Prose composition.

Professor Lockwood; 4 hours.

2. *Sophomore Latin.* Roman literature—Part II. The Augustan Age and the Empire. Reading of selections from Horace, the elegists, Seneca, Pliny, Martial, Juvenal, and Tacitus. Translation at sight.

Professor Lockwood; 4 hours.

3. *Latin Literature.* Students electing Latin in the Junior year will meet with the instructor in small groups. The reading will be adapted to the needs of the individual student.

Professor Lockwood; 3 hours.

4. *Latin Literature.* A continuation of the work done in Latin 3.

Professor Lockwood; 3 hours.

5. *Advanced Latin Composition.*

Professor Lockwood; 1 hour.

## ENGLISH LANGUAGE AND LITERATURE

All Freshmen are required to take English 1 and 2, all Sophomores English 3. The other courses are elective for Juniors and Seniors. No student will be graduated who cannot write a creditable style extemporaneously.

1. *Freshman English Composition.* The first semester is devoted chiefly to eliminating elementary faults in the construction of sentences and paragraphs; clear thinking and correct expression are insisted upon as essential. The second semester is given over to the attainment of style

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by means of constant practice in the writing of descriptions and short stories. Informal lectures, weekly themes of about three pages, and weekly or fortnightly conferences with one of the instructors.

Professor Snyder and assistant; 1½ hours.

2. *Freshman English Literature.* Lectures on the foundations of English literature.

Professor Gummere; ½ hour.

3. *Sophomore English Literature.* A rapid survey of English literature from Chaucer to Tennyson. The purpose of the course is twofold: to give constant practice in reading rapidly, but with intelligent appreciation, the masterpieces of English literature; and to furnish an adequate foundation of literary history for the more detailed study in the elective courses of the Junior and Senior years.

Professor Snyder; 2 hours.

6a. *Argumentation and Debating.* Open to Seniors and Juniors, and by special permission to Sophomores.

Professor Snyder; 3 hours, first half-year.

8b. *Early English.* Bright, *Anglo-Saxon Reader; Elene.*

Professor Gummere; 3 hours, second half-year.

[Not offered in 1919-20.]

9a. *Middle English.* English literature in the thirteenth and fourteenth centuries. Chaucer, *Canterbury Tales.* English and Scottish ballads. Lectures and readings.

Professor Gummere; 3 hours, first half-year.

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10b. *Elizabethan Literature*. Lectures on the development of the drama, down to Shakspeare. Readings in Elizabethan drama. All the plays of Shakspeare, two of which are read critically in class.

Professor Gummere; 3 hours, second half-year.

11b. *English Literature of the Seventeenth Century*. Lectures with readings in the general literature and a special study of Milton. Selections from the minor poems, *Comus*, certain books of *Paradise Lost*, and all of *Samson Agonistes* are read in class.

Professor Gummere; 3 hours, second half-year.

12a. *Eighteenth Century Literature*. I. Pope and his enemies. II. Dr. Johnson and his friends. III. Early English novelists. IV. Early English romantic poets. Lectures, class room discussions, and frequent written tests.

Professor Snyder; 3 hours, first half-year.

[Not offered in 1919-20.]

13a. *Nineteenth Century Poetry*. Interpretative analysis of poems selected from the works of Coleridge, Wordsworth, Scott, Shelley, Byron, Keats, Rossetti, Arnold, Tennyson, and Browning. Lectures, class room discussions, and frequent written tests.

Professor Snyder; 3 hours, first half-year.

14b. *Nineteenth Century Prose*. A rapid reading course in the works of the masters of modern English prose. More than half the semester is spent in studying the great novelists. Lectures, class room discussions, and frequent written tests.

Professor Snyder; 3 hours, second half-year.

[Not offered in 1919-20.]

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15b. *The Contemporary Drama*. A study of the technic and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. The required reading consists of two plays each week or an equivalent amount of dramatic criticism.

Professor Snyder; 3 hours, second half-year.

### GERMAN

All German courses are elective for those who have satisfactorily completed the prerequisites.

Students wishing to qualify for German 1 may present a satisfactory certificate of their school instruction or may pass the final examination in German A or the entrance examination in Elementary German.

Courses A, 1 and 2 are offered every year. According to the usual rotation, 5a, and either 3b or 7b, would be offered in 1919-20; but the advanced course, 3-7 inclusive, may be offered in any combination for which there is sufficient demand. Students expecting to elect any of these should consult the instructor at an early date, in order that the courses to be offered in any given year may be determined.

A. *Course for Beginners*. Grammar, reading, composition, conversation, dictation, sight-reading. Bacon, *Elements of German*. Such books as the following are read; Betz, *Till Eulenspiegel*; Storm, *Immensee*; Schiller, *Der Neffe als Onkel*; Hauff, *Die Karawane*; Zschokke, *Der zerbrochene Krug*; Heyse, *L'Arrabbiata*; von Hil-  
lern, *Höher als die Kirche*.

Professor Brown; 4 hours.



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1. *Freshman German.* Review of grammar and composition. Such books as the following are read: Eichendorff, *Aus dem Leben eines Taugenichts*; Gerstacker, *Irrfahrten*; Ernst, *Asmus Sempers Jugendland*; Schurz, *Lebenserinnerungen*; Baumbach, *Das Habichtsfräulein*. The following books may be read outside of class: Fouqué, *Undine*; Dahn, *Ein Kampf um Rom* (abridged); Sudermann, *Frau Sorge*, von Scheffel, *Der Trompeter von Säckingen*. Professor Brown; 4 hours.

2. *Sophomore German.* Study in class of representative classics of modern German literature from the works of the following authors: Lessing, Goethe, Schiller, H. von Kleist, Grillparzer, Hebbel, Ludwig, Freytag. Outside reading of selected works.

Professor Brown; 4 hours.

3b. *Prose Composition.* Review of grammar. Pope, *German Prose Composition*. Dictation, conversation, written reports in German. A text, such as Bacon, *Im Vaterland*, is used as a basis for the introduction of the student to the language of modern daily life, and for discussion of German institutions.

Professor Brown; 3 hours, second half-year.

4a. *Goethe and Schiller.* Lectures and readings on the classical period of German literature, with especial attention to the lives and works of the two dominant figures. Study in class or in outside work of their principal writings.

Professor Brown; 3 hours, first half-year.

5a. *Goethe's Faust.* A detailed study in class of both parts of *Faust*. Lectures on the early legends of Faust

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and their treatment in European literature. Outside reading of various kindred dramas, such as Calderón, *El Mágico Prodigioso*; Marlowe, *Doctor Faustus*; Byron, *Manfred*; Browning, *Paracelsus*; Hauptmann, *Die versunkene Glocke*. Short theses on topics from the outside reading.

Professor Brown; 3 hours, first half-year.

6b. *German Literature of the Nineteenth Century*. Lectures on the main literary phenomena of the last century. Study in class of typical works of such writers as H. von Kleist, Arndt, Körner, Heine, Uhland, Grillparzer, Hebbel, Sudermann, Hauptmann.

Professor Brown; 3 hours, second half-year.

7b. *Middle High German Literature*. Wright, *Middle High-German Primer*; Bachmann, *Mittelhochdeutsches Lesebuch*. Lectures on Middle High German literature.

Professor Brown; 3 hours, second half-year.

## ROMANCE LANGUAGES

All courses in the Romance languages are elective for Juniors and Seniors who have satisfactorily completed the prerequisites. The courses in Spanish and Italian are open only to Juniors and Seniors.

### *French*

Students wishing to qualify for French 1 may present a satisfactory certificate of their school instruction in French, or may pass the final examination in French A or the entrance examination in Elementary French.

A. *Course for Beginners*. Elementary grammar and

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the reading of simple texts. Emphasis will be laid on pronunciation.

Mr. Carpenter ; 4 hours.

1. *Freshman French*. Grammar, composition and reading, both in the class room and as outside work.

Mr. Carpenter ; 4 hours.

2. *Sophomore French*. Reading of French classics, both in the class room and as outside work. Typical works of the following authors are read: Corneille, Racine, Molière, La Fontaine, La Bruyère, Mme. de Lafayette, Voltaire, Chateaubriand, Hugo, Balzac. Occasional lectures on the history of French literature. Composition.

President Comfort ; 4 hours.

3. *History of French Literature*. Lectures, with collateral reading and reports on the history of French literature from its origins to the present time.

Mr. Carpenter ; 3 hours.

4. *Composition and Conversation*. A course in French conversation and advanced composition. This course may be elected only after consultation with the instructor.

Mr. Carpenter ; 3 hours.

[Not offered in 1919-20.]

### *Spanish*

A. *Course for Beginners*. Grammar, composition and reading.

Mr. Carpenter ; 3 hours.

[Not offered in 1919-20.]

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1. *Spanish Literature.* Reading in class of selected works of authors of the nineteenth century and of the Golden Age. Occasional lectures on the literature of the respective periods. Outside reading and reports.

Mr. Carpenter; 3 hours.

### *Italian*

A. *Course for Beginners.* Grammar, composition and reading.

Mr. Carpenter; 3 hours.

## MATHEMATICS

The courses in mathematics are arranged as far as possible to suit the needs of those students who (1) take them as part of their required Freshman work and do not intend to proceed further in mathematics, or (2) elect them as a minor subject and take either physics or engineering as a major subject, or (3) elect them as a major subject.

Courses 1, 2, 3, and 4 are given every year. The electives offered in any one year will be such as the needs of the department may require. Courses, either for undergraduates or graduates, on certain subjects other than those named below may be arranged for by consultation with the instructor.

In the Library will be found some of the principal journals, treatises, and collected works. There are also libraries nearby where other works and journals may be consulted. In one of the lecture rooms is a collection of mathematical models.

Courses 1a, 1b, 1a', and 1b' are required of all Freshmen, except that students who have presented solid

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geometry and trigonometry for entrance must substitute  $1c'a$  for  $1a'$ ,  $1c'b$  for  $1b'$ . The required courses, together with  $1c$ , constitute the honor courses in mathematics for Freshmen.

Course 2 is for Sophomores. This course, together with  $2c$ , constitutes the honor course in mathematics for Sophomores.

Course 3 should be taken by students electing mathematics in the Junior year. This course, together with  $3c$ , constitutes the honor course in mathematics for Juniors.

The Freshman and Sophomore mathematical prizes are open only to students taking the honor courses in these years.

$1a$  and  $1b$ . *Algebra*, including infinite series, undetermined coefficients, the binomial theorem for fractional and negative exponents, logarithms, probability, determinants, and the elements of the theory of equations. Fine, *College Algebra*.

Professor Reid ; 2 hours.

$1a'$ . *Solid Geometry and Mensuration*. Thompson, *Solid Geometry*.

Professor Wilson ; 2 hours, first half-year.

$1b'$ . *Trigonometry*. The elements of plane trigonometry, including the solution of right and oblique plane triangles, with applications to practical problems. Hun and MacInnes, *Plane Trigonometry*.

Professor Wilson ; 2 hours, second half-year.

$1c$ . *Special Topics in Algebra*.

Professor Reid ; 1 hour.

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1c'a. *Projective Geometry*. 1c'b. *Spherical Trigonometry*, with applications. These courses are open to all Freshmen who have passed examinations on acceptable courses in solid geometry and trigonometry in preparatory schools, and they must be taken by those who present these subjects as entrance credits.

Professor Wilson ; 2 hours.

2. *Plane Analytic Geometry and Differential Calculus*. Fine and Thompson, *Coördinate Geometry*. Murray, *Differential Calculus*.

Professor Wilson ; 4 hours.

2c. *Special Topics in Analytic Geometry*.

Professor Wilson ; 1 hour.

3. *Solid Analytic Geometry, Integral Calculus and Elementary Differential Equations*. Fine and Thompson, *Coördinate Geometry*. Murray, *Integral Calculus*.

Professor Reid ; 3 hours.

3c. *Special Topics in Calculus*.

Professor Reid ; 1 hour.

4. *Mechanics*. An historical sketch of the discovery of the principles of mechanics, followed by the mathematical treatment of statics, dynamics of a particle, and elementary rigid dynamics. Cox, *Mechanics*, and Loney, *Dynamics*.

Professor Wilson ; 3 hours.

A selection from the following courses is given each year. A student wishing to take any of them should apply to the professor in charge.

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5. *Introduction to the Theory of Functions.* Prerequisites 3a and 3b. Pierpont, *Functions of a Complex Variable.*

Professor Reid; 3 hours.

6. *Theory of Equations.* Cajori, *Theory of Equations.* An introduction to the Galois theory.

Professor Reid; 3 hours, half-year.

7. *Differential Equations.* A study of the classical methods of solution of ordinary and partial differential equations, with applications to geometry, physics and mechanics. Prerequisite, 3b.

Professor Wilson; 3 hours.

8. *Elements of the Theory of Algebraic Numbers.*

Professor Reid; 3 hours.

9. *Courses in Analysis.* Wilson, *Advanced Calculus*, and lectures.

Professor Reid; 3 hours.

## HISTORY

Course 1 is elective for Freshmen. Course 2b is required of all Sophomores. Courses 3, 4, 5 and 7 are elective for Juniors and Seniors. Beginning with the academic year 1919-20 History 6 will be open only to Seniors.

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

Professor Lunt; 3 hours.

2b. *American History.* A general course, including a brief survey of the colonial period and a more detailed

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study of the constitutional period to the close of the Civil War.

Professor Kelsey; 3 hours, second half-year.

Note: This course has usually been given as History 2a, in the first half-year, and will be so given, except in the academic year of 1919-20.

3b. *United States History Since the Civil War.* In this course emphasis is laid upon those developments that help to explain the great political questions of the present. In 1920 especial attention will be given to international relations and the growth of the United States as a world power.

Professor Kelsey; 3 hours, second half-year.

4. *English Constitutional History.* A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law.

Professor Lunt; 3 hours.

5. *Medieval History.* A survey of the history of Europe from the time of the barbarian invasions to about 1600. This course will be given only in alternate years.

Professor Lunt; 3 hours.

6b. *Modern History.* This course is designed to lead the student through the avenues of history to an understanding of modern political problems. The first part of the course is a brief survey of European history since 1648. This is followed by a more detailed study of the



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period since 1815. In 1920 emphasis will be laid on international developments since 1871.

Professor Kelsey ; 3 hours, second half year.

Note: On account of the absence of Professor Kelsey during the first half-year, this course, usually extending throughout the year, will be given only during the second half-year of the academic year of 1919-20.

*7a. Early Oriental Civilizations.* A survey of the history of Egypt, Babylonia, Assyria and Persia, with special attention to the development of social institutions and of international relations.

Professor Grant ; 3 hours, first half-year.

## ECONOMICS

Economics 1a is required of all Sophomores. The other courses are elective for Juniors and Seniors.

*1a. Elementary Economics.* The purpose in this course is to acquaint the student with the fundamental principles of economic science and to promote his preparation for the duties of citizenship. The principles are developed from a study and discussion of the actual processes and organization of industrial society. Several series of problems are set for solution and discussed in connection with the study of text-books and collateral reading.

Professor Barrett ; 3 hours, first half-year.

NOTE: In 1919-1920 this course will be given during the first half-year, but thereafter during the second half-year.

*2a. Distribution and Socialism.* This course affords an opportunity for a comparatively intensive study of some phases of economic principles. The primary purpose is to examine the distribution of wealth among the

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different classes of society. Democratic control in industry, better human relationships between employer and employee, socialism, and other plans which are suggested as remedies for present day social discontent, are given considerable attention and the strength and weaknesses of each are investigated. Visits are made to industrial plants and other institutions of economic interest in Philadelphia and vicinity.

Professor Barrett; 3 hours, first half-year.

*3b. Labor Problems.* A study is made of the factory system, collective bargaining, trade unions, employers' associations, strikes and boycotts, methods of arbitration and conciliation, labor legislation and court decisions, employers' liability, workmen's insurance and compensation systems, etc. An extended investigation of some phase of the labor question is required of each student. Lectures and discussion of assigned readings.

Professor Barrett; 3 hours, second half-year.

*4a. Money and Banking.* The course begins with a review of the principles of money and of the functions of a bank, followed by a brief survey of the history and present practice of banking in leading countries, but with extended study of conditions in the United States. Such problems as the monetary standard, credit, price movements and their effects on incomes and the cost of living, crises, foreign exchange, and the organization and operation of the Federal Reserve system are considered.

Professor Barrett; 3 hours, first half-year.

*5b. Financial Topics.* Important steps in the monetary, banking, and financial development of the United States.

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Especial attention is given to the greenbacks and the resumption of specie payments, constituting a study of America's experience with paper money in the period 1861-1879, and comparison is made with experiences resulting from the war of 1914. The period of America's business development since 1897 is reviewed. This course should be preceded by Economics 4a.

Professor Barrett; 3 hours, second half-year.

*6a. Corporations—Organization and Finance.* A study is made of business organization and functions, with especial emphasis on financing. The topics include forms of organization, covering individual proprietorships, partnerships, and corporations; legal rights and duties of the parties in the organization; the different functions of business enterprise—producing or rendering services, selling, financing, and management; problems of governmental regulation of combinations and trusts.

Professor Barrett; 3 hours, first half-year.  
[Not offered in 1919-20.]

*7b. Transportation.* The historical development and present status of railway systems and water transportation in the United States are treated. The problems of rate-making, pooling, consolidation, public control, are discussed. The relation of railways to shippers and to the public is shown.

Professor Barrett; 3 hours, second half-year.  
[Not offered in 1919-20.]

## SOCIOLOGY AND SOCIAL WORK

Courses 1 and 2 are elective for Juniors and Seniors; Course 3 is required of Seniors.

Courses 4 and 5 are elective for graduate students only.

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During the year 1919-20 either Course 4 or Course 5 will be given according to the needs of the majority of graduate students planning to pursue studies in this field.

1. *Introduction to the Study of Society.* The purpose of this course is to present to the student an outline of the entire field of sociology in order that he may have a sense of the relation to the subject as a whole of those subdivisions of the field which are covered more intensively in other courses.

Professor Watson; 3 hours.

2. *Government and Social Work.* As social programs involve functions that are purely political as well as those that are non-political, social workers must be familiar both with the machinery of government and also with the scope of its social activities. This course will therefore consider the scope and functions of governmental social service as now undertaken in the various governmental units. Governmental programs for health, safety, relief, education, recreation, etc., will be noted, and methods to get the greatest help from them will be discussed. The course will also examine critically various measures proposed or now being tried to improve the machinery of the various units of government to the end that each may function more efficiently as an agency of social welfare.

Professor Watson; 3 hours.

[Not offered in 1919-20.]

3b. *The Basis and Program of Social Work.* The course begins with an analysis of the scientific basis underlying social work and then proceeds to a discussion of the program of social work. This includes an examination of (1) those organized efforts which seek to

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adjust the individual to his environment (social case work) and (2) those social movements which aim primarily to improve social and industrial conditions (social mass work). The inter-relations of these two parts of the program of social work are indicated.

Professor Watson; 3 hours, second half-year.

4. *Principles and Technique of Social Work.* The purpose of this course is to acquaint the student with the principles and technique of social work (1) with individuals and families (social case work) and (2) with social conditions. Field work, which is done in connection with some of the leading social agencies of Philadelphia, is an important and integral part of the course, acquainting the student at first hand with many social problems and affording an opportunity to observe the methods employed in meeting some of them.

Professor Watson; 3 hours.

5. *Principles of Sociology.* This course will discuss the principles that underlie the science of society. Social evolution, social organization, social control, social progress will each be discussed. The life and growth of social institutions will be the focal point of the course. A study will be made of the origin, development, and changing inter-relations of the family, industry, the church, the school, and the state.

Professor Watson; 3 hours.

## BIBLICAL LITERATURE

Course 1a is required of all Juniors. Courses 2, 3, 4 and 5 are elective for Juniors and Seniors. Courses 6 and 7 are intended for graduate students, but may be

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taken with the consent of the instructor by well qualified Seniors. Course 5 is open only to students who have taken Greek 1. For other related courses see History 7 and Philosophy 2 and 3.

1a. *Introduction to the Old Testament.* The literature of the Old Testament in its historical setting.

Professor Grant; 3 hours, first half year.

2b. *Introduction to the New Testament.* The historical development of the writings of the New Testament; their origin, purpose and contents.

Professor Grant; 3 hours, second half-year.

3a. *The Religious and Ethical Thought of the Old Testament.* The ideas of the Hebrews and Jews, with related studies of the beliefs of neighboring peoples.

Professor Grant; 3 hours, first half-year.

4. *Hebrew.* The elements of the language and readings in the Hebrew Bible. Elementary courses in Babylonian and Arabic or an advanced course in Hebrew may be substituted.

Professor Grant; 3 hours.

5. *Greek New Testament.* Translation and explanation of the Greek text of books selected from the New Testament (or other Christian and Jewish writings) with lectures, readings, and investigations on related historical, literary, and linguistic subjects. The work of this course is so varied that it may be elected in several half-years.

3 hours, either half-year.

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6. *Religions*. One half-year is devoted to the history of the leading religions of the world and the other half-year to the history of missions.

Professor Grant ; 3 hours.

7. *Problems in the Gospels*. An advanced course aiming to determine from the historical records the fundamental elements of Jesus' life, teaching, thought and character. Lectures, individual investigations and reports.

3 hours.

### PHILOSOPHY

Course 5a is required of all Seniors. Course 1b is required of all Juniors. All other courses are elective for Juniors and Seniors. But Course 6 is intended primarily for graduate students and may be taken only by the special permission of the instructor.

1b. *Psychology*. A course in general psychology. James, *Psychology (Briefer Course)*, is used as a textbook supplemented by lectures. A short series of lectures is also given on logic.

Professor Jones ; 3 hours, second half-year.

2a. *Development of Christian Thought*. This course is devoted to a study of the original message of Christianity and the development of Christian thought as found in the Gospels and Epistles of the New Testament. It consists of lectures, assigned reading, and theses.

Professor Jones ; 3 hours, first half-year.

3b. *Development of Christian Thought*. This course deals with the great types of Christian thought in its development in different epochs of the Church from the end of the Apostolic Age down to modern times, includ-

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ing the intellectual movement of the first three centuries, the Augustinian conception of Christianity, the Lutheran, the Calvinistic, and the Quaker conception. Lectures, assigned reading, and theses.

Professor Jones ; 3 hours, second half-year.

4. *History of Philosophy.* The chief systems of philosophy from the earliest period down to the present time. The development of theories of idealism receives special attention. The text-books required are Thilly, *History of Philosophy*, and Calkins, *The Persistent Problems of Philosophy*. Lectures, collateral reading, discussions, and theses.

Professor Jones ; 3 hours.

5a. *Ethics.* This course covers the field of ethics, the nature of ethical goodness, the fundamental characteristics and implications of personality, the nature of conscience, the possibility and scope of freedom, and theories of the ethical end of life. Some one system of ethics must be mastered by the student and be presented in a thesis.

Professor Jones ; 3 hours, first half-year.

6. *Religious and Philosophical Movements.* This course is for advanced students and honor men only, and is conducted on the seminar method. Different epochs are studied from year to year.

Professor Jones ; 2 hours.

## ASTRONOMY

The Haverford College Observatory affords students the means of becoming familiar with the use of astronom-



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ical instruments, and of acquiring, from actual observation, a practical acquaintance with astronomy.

The equipment consists of an equatorial telescope, with 10-inch object glass by Clark, eyepieces, filar micrometer, and a Grubb prismatic spectroscope; a meridian circle telescope of  $3\frac{3}{4}$ -inch aperture; a combined transit and zenith telescope of  $1\frac{3}{4}$ -inch aperture; two sextants; two clocks; a chronograph by Bond; charts, globes, and instruments for elementary laboratory exercises. The astronomical library is housed in the Observatory.

The latitude of the Observatory is  $40^{\circ} 0' 40''$  .1 north; its longitude, 5 h. 1 m. 14.5 sec. west from Greenwich.

1a. *Descriptive Astronomy.* The leading facts of astronomy with an elementary explanation of the methods by which they are ascertained. One of the three hours of the course will be used as a laboratory period devoted to the study of the constellations, the handling of the telescopes (used for illustration of the text), problems with the globe, and study of the American Ephemeris. Young, *Elements of Astronomy.*

Professor Wilson; 3 hours, first half-year.

2b. *Navigation.* Dead reckoning, Mercator and great circle sailing; determination of time and position, with emphasis on recent methods; many practical problems. One of the three hours of the course will be used as a laboratory period devoted to practice with the sextant, and work with charts and the Nautical Almanac. The course will be opened with a brief survey of the essentials of spherical trigonometry. Hosmer, *Navigation, and Tables.*

Professor Wilson; 3 hours, second half-year.

[Not offered in 1919-20.]

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### BIOLOGY

The Biological Laboratory occupies the upper two floors of Sharpless Hall. It is amply equipped with microscopes, reagents, and all other necessary apparatus and appliances. It also contains several hundred biological works and zoological, anatomical, and botanical charts.

The courses of the department are suitable for students intending to study medicine.

Course 1 is required of all Freshmen.

Courses 2 to 9 are elective, but Courses 3 to 5, inclusive, must be preceded by Course 2.

1a. *Physiology and Hygiene.* This course is preparatory to the general physical training required by the College, and includes a series of lectures, with collateral textbook reading, on simple hygiene and preventive cautions, the theory of physical training and a brief review of human anatomy including the special sense organs.

Professor Pratt; 2 hours, first quarter.

2. *Elementary Biology.* The lectures of this course are devoted to a discussion of the fundamental principles of the structure and life-processes of animals and plants and also of some of the more important questions relating to their origin and evolution. The laboratory periods are devoted to the practical study of typical representatives of some of the greater groups of animals and plants. Many field excursions are taken in order to study animals and plants in their natural environment. Two lectures and two laboratory periods a week.

Professor Pratt; 4 hours.

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3. *Comparative Anatomy of Vertebrates.* The laboratory work of this course includes the dissection and study of a cartilaginous and a bony fish, an amphibian, a reptile, a bird, and a mammal. One lecture and two laboratory periods a week.

Professor Pratt; 3 hours.

4. *General Morphology.* This course is intended for those who may wish to make a more extended study of any group of animals or plants than is possible in the other courses.

Professor Pratt; 3 hours, or more.

5. *Histology and Embryology of Vertebrates.* The laboratory work in this course is devoted to the study of vertebrate histology and to the embryology of the frog, the chick, and the pig. One lecture and two laboratory periods a week.

Professor Pratt; 3 hours.

[Not offered in 1919-20.]

6a. *General Botany.* The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. One lecture or recitation and two laboratory periods a week.

Professor Pratt; 3 hours, first half-year.

7. *Evolution and Heredity.* This is a general cultural course, intended not only for scientific students but for all who wish to be informed on current biological matters and theories. It consists of lectures and readings on animals and plants, and on the most important theories of the nature and maintenance of life and of evolution and heredity.

Professor Pratt; 3 hours.

[Not offered in 1919-20.]

## HVERFORD COLLEGE

8. *Human Anatomy*. A course in general and applied anatomy preparatory to medical, law and teaching professions. The first half year is devoted to osteology, syndesmology and the muscular system; the second, to the thorax and abdomen, the reproductive organs, central and special nervous systems. The equipment of skeleton, manikin, models, charts, etc., is complete, and the course will be supplemented by visits to Blockley Hospital and the dissecting rooms in Philadelphia.

Professor Babbitt; 3 hours.

9. *Bacteriology and Advanced Hygiene*. A theoretical and laboratory course including (a) advanced physiological practice with special analysis of blood, digestive secretions, general excretions, stomach analysis, etc., preliminary to bacteriological work; (b) general and pathologic bacteriology with culture of the more common parasitic bacteria; and (c) general advanced hygiene, including municipal sanitation, history of epidemics and world plagues, climatological variation in natural and local influence, analysis of water, milk and air. Visits are made to public laboratories of hygiene.

Professor Babbitt; 3 hours.

## GEOLOGY

1b. *Elementary Geology*. A discussion of the general principles of the science. Excursions are taken occasionally in which the physiographical and geological features of the country about Haverford are studied, and trips are made to the important paleontological and mineralogical collections of Philadelphia.

Professor Pratt; 3 hours, second half-year.

## COURSES OF INSTRUCTION

### CHEMISTRY

The courses are designed not only to be of general educational value, but also to satisfy the requirements of the universities for admission with full standing to graduate work. A student who has taken Courses 1, 2, 3, 4, and 5, may ordinarily proceed to the master's degree with one additional year's work, although it is recommended that a student with this in mind take additional hours' credit in Course 3. Courses 1 or 2 and 4, satisfy the requirements in chemistry for entrance to the medical schools.

Students who intend to specialize in chemistry in College are recommended to take but one course in chemistry (with the exception of Course 5) each year, although in special cases Courses 2 and 3, or 2 and 4, may be taken in the same year. Courses 3 and 4 are offered in alternate years.

1. *Elementary Inorganic Chemistry.* Preparation, properties and uses of the following elements and their compounds: hydrogen, oxygen, nitrogen, carbon, sulphur, chlorine, bromine, iodine, arsenic and phosphorus. Metallurgy of iron and other metals. Soda, glass and porcelain. Fundamental laws and theories, including the ionisation theory and its applications. Electrolysis. Atomic and molecular weights. Lectures, recitations and laboratory work.

Dr. Henwood ; 4 hours.

A more advanced course in general Inorganic Chemistry may be offered for those who receive entrance credit in chemistry.

H A V E R F O R D   C O L L E G E

2. *Qualitative Analysis.* Open to those who have had Chemistry 1 or its equivalent. The laboratory work will consist of the systematic separation and identification of the commoner metals, tests for the acid radicals usually met with in inorganic chemistry, and the analysis of unknown solutions, minerals, and alloys. Besides giving training in analysis, the course emphasizes the principles underlying chemical reactions. 1 hour lecture, 5 hours laboratory work.

Dr. Henwood; 3 hours.

3. *Quantitative Analysis.* Open to those who have had Chemistry 1 and 2; in special cases it may be taken with Chemistry 2. Lectures on the general principles of gravimetric, volumetric and electrolytic methods, the preparation of pure substances, and the analysis of such industrial materials as water, coal, gas, minerals and alloys. In the laboratory typical methods will be applied. 1 hour lecture, 5 hours laboratory work or more by arrangement.

Dr. Henwood; 3 hours.

[Not offered in 1919-20.]

4. *Organic Chemistry.* Introduction to the chemistry of the carbon compounds. Open to those who have had Chemistry 1 and 2; in special cases it may be taken with Chemistry 2.

3 hours.

5. *Physical Chemistry.* A seminar course in theoretical and historical chemistry.

Dr. Henwood; 1 hour.

## COURSES OF INSTRUCTION

### PHYSICS

The department of physics, with the exception of the electrical laboratory, will occupy two floors in the newly completed science building, Isaac Sharpless Hall. All the rooms are equipped with direct and alternating current, compressed air and vacuum connections.

The apparatus belonging to the electrical laboratory was selected to illustrate the modern application of electricity as well as its fundamental principles. This includes many types of generators and motors, both alternating and direct; a complete line of measuring instruments; arc and incandescent lamps; galvanometers, bridges, standards, etc. All the rooms are supplied throughout with both gas and electric light. The following currents are available: 20-volt storage battery, 110-volt direct, 110- and 220-volt 60-cycle three-phase alternating, and, by means of transformers, other voltages and phase relations.

Course A is intended for those who have never studied Physics before. It covers the same ground as Entrance Physics, and one of these is a prerequisite for Course 1. Course 1 covers the work required for admission to medical schools and other graduate institutions.

Courses 6 and 7 are open as electives to those who have satisfactorily completed the prerequisites. These courses are given every year.

*A. Elementary Physics.* The student is made familiar with natural laws and their applications to daily life, and receives sufficient preparation to enable him to pursue the subject further. The lectures are accompanied by numerous experimental demonstrations. There are two

HAVERFORD COLLEGE

lectures and one laboratory period per week. Text-book, Hall, *Elements of Physics*.

Professor Sawtelle; 3 hours.

1. *General Physics*. This course is open to those who have offered physics for entrance to College or have passed Physics A. Mechanics, sound, heat, light, magnetism, and electricity are taken up and treated in detail. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and of measurement. The text-book is Spinney, *General Physics*.

Professor Sawtelle; 4 hours.

3. *Molecular Physics*. A brief study is made of the characteristics of atoms and molecules when at rest and in motion, followed by an investigation of the phenomena observed during the discharge of electricity through gases, and radio-activity. The latter part of the course is devoted to a study of the electron theory of matter. There is no text-book; but a great deal of reading is required in the library of reference books. There is no laboratory work; but a large number of experiments are performed by the members of the class working together with the instructor. The course will continue throughout the year.

Professor Palmer; 3 hours.

10. *Physics Seminar*. This course may be taken as Honors work. Reading will be assigned upon selected topics. Advanced students who devote the requisite number of hours to it may count this course toward a degree. Experimental work of a nature preliminary to research work may be carried out in a special field of investigation.

Professor Palmer; hours by arrangement.



## COURSES OF INSTRUCTION

One of the courses 4*b* and 5*b* will be offered each year according to the needs of students electing physics.

One of the courses 2*b*, 4*b* and 5*b* will be offered each year according to the needs of students electing physics.

2*b. Electricity and Magnetism.* Lectures and laboratory work. This course is an extension of Physics 1 and includes a discussion of such topics as Kirchhoff's laws, magnetism in iron and other metals, resistance, current strength, potential, capacity, inductance and the laws of the magnetic circuit.

3 hours, second half-year.

4*b. Electric Waves.* The phenomena of electrical oscillations and Hertz waves with their application to radio telegraphy are discussed in this course. Prerequisite, Physics 1. The text-book is Pierce, *Principles of Wireless Telegraphy*.

3 hours, second half-year.

5*b. Optics.* Lectures and laboratory work. This course is a continuation of Physics 1 and includes a discussion of the principles of dispersion, interference, diffraction, and polarization. The last part of the course is devoted to a brief study of magneto-optics, and the laws of radiation. The optical laboratory is equipped with the necessary apparatus for such quantitative determinations as may be required. The reference book is Wood, *Physical Optics*.

3 hours, second half-year.

6. *Electrical Engineering.* This course includes a general survey of electrical science with its applications. A knowledge of electricity such as would be obtained

## HAVERFORD COLLEGE

in Physics A or 1 is required. The instruction is carried on by text-book, lectures, and laboratory work. It includes a study of circuits, instruments, generators, motors, transformers, arc and incandescent lamps, heaters, welders, the telephone, etc. The practical phases of the subject, such as wiring, testing apparatus, rates, etc., are taken up.

Professor Rittenhouse; 3 hours.

*7a. Electrical Engineering.* Prerequisite, Physics 6 or equivalent. The theory of alternating currents and a study of alternating-current apparatus. At least one laboratory period a week is required. Text-book, Franklin and Esty, *Dynamos and Motors*.

Professor Rittenhouse; 3 hours, or more, first half-year.

*7b. Electrical Engineering.* Prerequisite, Physics 6 or equivalent. A detailed study of direct-current electrical apparatus. At least one laboratory period a week is required. The experiments include efficiency tests of electrical apparatus, the calibration of instruments, etc. Power costs and the modern applications are studied and illustrated by visits to the large power houses in Philadelphia and the vicinity. Text-book is in *7a*.

Professor Rittenhouse; 3 hours, or more, second half-year.

## ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to teach the application of these principles to the generation and utilization of power and to the construction of machines.

Exceptional facilities for observing the practical side

## COURSES OF INSTRUCTION

of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

The Engineering Department occupies Whitall Hall, a commodious stone building, three stories high. The equipment of the shop is modern and of the best quality. The wood-working room affords accommodation for fourteen students. The benches are provided with quick-action vises and a complete set of carpenter's tools for each student. This shop contains a 36" band-saw and four wood-lathes. The iron-working room contains a 24" x 12' Blaisdel engine-lathe and three smaller engine-lathes; a 24" x 24" x 6' planer, a Becker-Brainard universal milling-machine, a Gould and Eberhardt 16" shaper, two drill-presses, several vises and complete sets of machinist's tools for bench-work, pipe-fitting, etc. Steam-engine indicators, weighing-scales, standard pressure gauges, calorimeters and electrical measuring-instruments, in connection with the central heating and lighting plant, afford good opportunity for the testing of boilers, engines and dynamos. A 30,000-pound Riehlé screw testing-machine gives opportunity for testing materials and for investigating the laws of stress and strain. The third story of the building is devoted to drawing; it is a large and well-lighted room, where thirty students may be accommodated at one time. The equipment includes a number of pieces for study and sketching, such as steam and air pumps, safety-valves, shaft-hangers, etc.

A description of the mechanical courses is given below. For the electrical engineering courses see Physics 6 and 7.

All of these courses are open as electives to those who have satisfactorily completed the prerequisites.

## HAVERFORD COLLEGE

Special courses may be arranged to suit the needs of those students intending to continue their engineering studies at other institutions.

The following Engineering courses are given, normally, in the first or second half-year, as indicated by *a* or *b*, but *may* be elected, when the student is properly qualified, in either half-year.

1a. *Mechanical Drawing*. Notation and orthographic projection on three planes. Anthony, *Mechanical Drawing*.

Professor Chase; 2 hours, half-year.

1a'. *Wood Work*. Graded exercises in joinery, turning and pattern making. Goss, *Bench Work in Wood*.

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

1b. *Descriptive Geometry*. Principles and application. Faunce, *Descriptive Geometry*.

Professor Chase; 2 hours, half-year.

1b'. *Bench Work in Iron*. Filing, chipping, babbitting, etc. R. H. Smith, *Principles of Machine Work*.

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

2a. *Elements of Mechanism*. A study of the mechanical movements employed in machinery; velocity diagrams and quick return motions; transmission gears. Two lectures or recitations and one draughting-room period a week. Keown, *Mechanism*.

Professors Rittenhouse and Chase; 3 or 4 hours.

## COURSES OF INSTRUCTION

*2b. Mechanical Drawing.* Sketching from models. Detail drawings, tracings and blue prints from sketches: Practical application of the principles of descriptive geometry and of orthographic projection. Notation.

Professor Chase; 2 hours, half-year.

*2b'. Forge and Pipe Work.* Bacon, *Forge Work*.

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

*3a. Empirical Design.* Machine shop shafting, couplings, bearings, hangers, etc.

Professor Chase; 2 hours, half-year.

*3a'. Machine Tool Work.* Graded exercises on lathe, planer, milling machine and drill-press. R. H. Smith, *Advanced Machine Work*.

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

*3b. Machine Design.* The gas, gasoline, and steam engine. Reference library available.

Professors Rittenhouse and Chase; 2 hours, half-year.

*4a. Steam Engineering.* This course includes a study of steam and gas engines, condensers, air-compressors, steam-boilers, power-plant economies and the cost of power. Horse-power tests are made and efficiencies studied. The thermo-dynamic principles involved are considered in the latter half of the course. An additional hour in valve gear work may be elected. Allen and Bursley, *Heat Engines*.

Professor Rittenhouse; 3 hours, first half-year.

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5b. *Mechanics of Materials.* A study of the materials employed in engineering constructions; 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. Boyd, *Strength of Materials*.

Students completing this course may arrange to take a course in structural design. The work in this will be arranged to suit the needs of those who elect it. It will include graphic statics and the design or analysis of a complete roof or bridge truss.

Professor Rittenhouse; 3 hours, second half-year.

6b. *Elementary Plane Surveying.* This course covers the fundamental principles and the approved methods of surveying, computing and plotting. The field work includes the use of the tape, compass, transit and level. Text-book, Tracy, *Plane Surveying*.

Professor Rittenhouse; 3 hours, second half-year.

### PHYSICAL TRAINING

The college equipment for outdoor athletics includes: Walton Field for Rugby football and track sports, with a new concrete grandstand and 440-yard oval and 220-yard straightaway cinder tracks; The Class of 1888 and Merion Fields for Association football; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; and several tennis courts.

The Gymnasium contains a main floor, sixty by ninety feet, equipped with the most improved appliances for American and Swedish gymnastics. It has an inclined running track, five feet in width. Adjoining the main floor are offices for the use of the directors in physical

## COURSES OF INSTRUCTION

examination and measurement, and special student conferences. Adjoining the main hall is a large and comfortable reading-room with magazines and papers. Above are a trophy room and apartments for the use of the college athletic managers and alumni. The basement contains dressing-rooms, a number of well-ventilated lockers, shower-baths, a swimming-pool, and a double bowling-alley. Students are required to furnish their own towels and attend to the laundering of the same. There is a special dressing-room provided for the faculty and visiting athletic teams.

A thorough physical examination is given to each student upon entrance, and another at the end of the Sophomore year. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team. Ability to swim two lengths of the gymnasium pool is required of Sophomores before leaving the required Physical Training course.

Course 1 is required of Freshmen in connection with Biology 1a (see page 68), Course 2 of Sophomores. Course 3 is an elective for Seniors and Juniors, but it may be substituted for Courses 1 and 2 by Sophomores and Freshmen who pass with grades of 80 per cent qualification tests at stated periods.

1. A course in systematic calisthenic drill, marching and apparatus work during the second and third quarters of the year. The floor work will have special adaptation to the various tests involved in a general qualification standard, the proper passing of which will permit substitution of practice with the soccer, track, basketball or gymnasium teams.

3 hours, second and third quarters.

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2. A more advanced course in light and heavy gymnastics with five lecture periods in each quarter devoted to the theory of physical training, the principles of the Swedish educational system, history of physical education, principles of athletic training, anthropometric standards, accident and emergency treatment. Proper qualification will allow substitution of team practice, as in Course 1, for a limited number of high-grade students.

3 hours, second and third quarters.

3. Elective practice in advanced gymnasium work; track and soccer field practice with team squads.



## THE LIBRARY

The College Library now contains about seventy-seven thousand volumes, besides numerous classified but uncatalogued pamphlets. It has been selected and arranged with the object of making it especially useful to college professors and students. All have free access to the shelves and are permitted to withdraw from the library any volumes except those reserved for special reasons. The Librarian and assistants are ready and glad to do anything they can to help readers to use the library intelligently and independently.

About six thousand dollars is expended yearly for the purchase of books and periodicals. The library is a regular government depository and receives from other sources many substantial gifts and bequests.

The library acquired, during the past year, about one thousand volumes of Friends' books and tracts from the collection of the late Charles Roberts. This addition probably makes the collection of Quaker literature the most complete in America.

The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac and Ethiopic manuscripts collected by J. Rendel Harris. Besides these there is a collection of facsimiles of ancient documents, including photographic facsimiles of the four great manuscripts of the New Testament, of the Freer Washington manuscript, and of the recently discovered

## HAVERFORD COLLEGE

Odes of Solomon. There is a collection of more than four hundred Babylonian clay tablets dating from B. C. 2500. There are also seven hundred reproductions in fictile ivory of ancient and medieval carved ivories.

Over two hundred literary and scientific periodicals are taken, besides many annual reports, year-books and irregular continuations.

The library is open, with some exceptions, on week days from 8.30 A. M. to 10 P. M., and on Sundays from 3.00 to 6 P. M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

### THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts, of Philadelphia, a graduate (1864) and for many years a Manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 11,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers. The whole collection, covering as it does the period beginning with the late fifteenth century and coming down to the present day, is one of unusual historical and literary interest.

It has been housed in a fireproof room, and a careful card catalogue has been prepared. The collection is open for inspection or research on application to the curator, Professor Thomas.

## GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all employed. The grades attained by students in their college courses are indicated on reports, issued quarterly, by the five letters, A, B, C, D, E. A indicates a grade from 90 to 100, inclusive; B from 80, inclusive, to 90; C\* from 70, inclusive, to 80; D\* from 60 inclusive, to 70, and E indicates a failure. The numerical grades are not published. No student is permitted to graduate if his combined average for the Junior and Senior years is below C.

## HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds:

(a) *Honorable Mention*, to be awarded for work in a single course meeting not less than two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain the grade of A in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course. Honorable Mention will be awarded for work in History 2a, or Economics 1b, provided the preceding requirements

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\* But for Freshmen C indicates a grade from 65, inclusive, to 80, and D from 50, inclusive, to 65.

## HAVERFORD COLLEGE

as to grade and additional work are satisfied. History 2a may be counted as a full course for Preliminary Honors taken at the end of the Sophomore year.

(b) *Preliminary Honors*, to be awarded at the end of Sophomore, Junior, or Senior year for not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a grade of at least B in all courses required for such honors (see below) and a grade of A in such of these courses as are taken in the year in which they are candidates, and must pass creditably examinations on the additional work required.

(c) *Final Honors*, to be awarded upon graduation for work in the courses of a single department, plus additional work to the total amount of not less than 250 hours. Candidates for Final Honors must take at least four full courses in the department in which they apply for honors, at least two of these courses being in the Junior and Senior years. They must in all of these courses obtain a grade of at least B and in those taken in the Senior year a grade of A, and must pass creditably examinations on the additional work required. There are three grades of final Honors: Honors, High Honors, and Highest Honors. The requirements for High Honors are of a more exacting nature than those for Honors, and Highest Honors are reserved for very exceptional cases. Both High Honors and Highest Honors are awarded only by special vote of the Faculty.

Students entering with advanced standing may offer work done elsewhere towards satisfying the requirements for Preliminary or Final Honors.

## HONORS

A student who has received the prescribed grade in the regular work of a course required for honors, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, make up his deficiency in a later year, but in the case of Final Honors all such deficiencies must be made up by the end of the Junior year.

The minimum requirements in courses for Preliminary Honors (if offered) and for Final Honors are specified on the next page.

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COURSES REQUIRED FOR PRELIMINARY AND FINAL HONORS

	PRELIMINARY HONORS	FINAL HONORS
Greek	1, 2.	1, 2, 3, 4, 5.
Latin	1, 2.	1, 2, 3, 4, 5.
English	1, 2, 3, and the equivalent of one full course from 6, 8, 9, 10, 11, 12, 13, 14, 15.	1, 2, 3, and the equivalent of two full courses from 6, 8, 9, 10, 11, 12, 13, 14, 15.
German	1, 2.	1, 2, and the equivalent of two full courses from 3, 4, 5, 6, 7.
French	1, 2.	1, 2, 3, 4.
Romance Languages	} None given. {	{ French 1, 2, 3, 4 and Honorable Mention in Spanish A and Italian A. {
Mathematics	1, 2.	1, 2, 3, 5.
History	1 and 2a, or two full courses.	Four full courses.
Economics	None given.	Economics 1, 2, 3, 4, 5, 6, 7.
Philosophy	None given.	1, 2, 3, 4, 5.
Biology	2, 7.	2, 7, and the equivalent of two full courses from 3, 4, 5, 6, 8.
Chemistry	1, 2.	1, 2, 3, 4.
Physics	1 and the equivalent of one full course from 2, 3, 4, 5, 6.	1 and the equivalent of three full courses from 2, 3, 4, 5, 6, 7, 10.
Engineering	None given.	1, 2, 3, 4, 5.

## DEFICIENT STUDENTS

Opportunities for the removal of entrance conditions will be given at the regular entrance examinations in June and September and at a special examination in January.

Opportunities for the removal of first half-year conditions will be given in April and September.

Opportunities for the removal of second half-year conditions will be given in September and January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of five dollars will be charged against the student at the next regular re-examination period, whether or not the make-up examination is actually taken. A student who has failed to remove a condition in any course before that course is again offered shall repeat the course and shall be charged five dollars per half-year hour for the course repeated. No course may be repeated more than once. If the repeated course is a *required* course, failure to pass will thus prevent a student from obtaining his degree. In case of conflict the repeated course shall take precedence over all other courses. A student who is repeating a course, or who has conditions in excess of six hours of half yearly courses, or who is carrying an entrance condition after January of the Freshman year shall have his name appear in the student list of the current catalogue marked with an asterisk (\*) to indicate that he is not in full class standing.

Usually a student who has more than eight half-year hours of failures against him at the opening of College in September, will be debarred from entrance, or, at his option, allowed to enter the next lower class, repeating all the courses of that year.

## DEGREES

### BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of hours in prescribed and elective studies as described on page 43, provided they have for the Junior and Senior years a combined average of C, or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees see page 41. The fee for the Bachelor's diploma is ten dollars.

### MASTER OF ARTS AND MASTER OF SCIENCE

Resident graduates who have received the Bachelor's degree from Haverford College may be admitted as candidates for the degree of Master of Arts or Master of Science. Such students must submit, in writing, for the approval of their instructors and the Faculty Committee on Advanced Degrees, a plan of study involving the equivalent of twelve hours a week in advanced courses. This plan shall be filed with the Registrar before October fifth of the year in which they expect to take their degrees.

Non-resident graduates of Haverford College of three years' standing or more may also be admitted to the Master's degree. They must, however, at the beginning of their work, arrange with the committee a definite course of study and make annual reports during three years to the instructors in charge.

Graduates of other colleges completing the Senior year in Haverford College will be permitted to become candi-



## EXPENSES

dates for the Master's degree one year after graduation without further residence. Additional requirements may be made of such graduates, the amount to be determined in each case by previous attainments and the character of the work done in Haverford College.

Each candidate must pass an examination satisfactory to his instructors and to the Faculty Committee. At the option of the instructors, a thesis may be required.

Before the examination the instructors in charge shall file with the committee a statement of the work done by the candidate.

The fee for the Master's diploma is twenty dollars. In the case of non-resident graduates an additional fee of ten dollars is required at the beginning of the course.

## ROOMS

A student who continues in the College may retain the room he already occupies. The order of choice of vacant rooms is determined by lot, the upper classmen having precedence. Entering Freshmen may choose rooms in the order in which their application blanks for admission (see page 23) are received. For this choice a day is appointed, of which due notice is given in advance. Ten of the \$450 rooms are regularly reserved as a part of the apportionment for Freshmen.

A deposit of \$15 is required of all students, old and new, before a room will be reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited.

## EXPENSES

The combined charge for tuition, board, and room-rent varies from \$450 to \$600 a year according to the location

## HAVERFORD COLLEGE

of the rooms. This includes heat, electric light, attendance and the use of necessary bed-room furniture, *i. e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the college for an annual fee of five dollars. Students will supply their own study furniture. In general two students share one study and each has his private bed-room adjoining. A few single rooms are also available. The number of students accommodated in the different halls is as follows:

Merion Hall,	9 at \$450 each,
Merion Hall,	4 at \$475 each,
Merion Hall,	22 at \$500 each,
Founders Hall,	8 at \$450 each,
Barclay Hall,	22 at \$450 each,
Barclay Hall,	2 at \$475 each,
Barclay Hall,	4 at \$500 each,
Barclay Hall,	24 at \$525 each,
Barclay Hall,	48 at \$550 each,
Barclay Hall,	1 at \$585,
Lloyd Hall,	44 at \$600 each.

The charge for tuition of day-students is one hundred and fifty dollars a year; for tuition and mid-day meal, two hundred and twenty-five dollars a year.

An annual infirmary fee of five dollars is charged to all students residing at the College. A laboratory fee (averaging five dollars) and a bill for materials consumed and for breakage is charged in each of the laboratories. Books and stationery will, at the option of the student, be supplied by the College and charged on the half-yearly bills.

First term bills, for three-fifths of the student's total

## SCHOLARSHIPS

cash indebtedness for room, board, and tuition for the year, are rendered October first and must be paid before November first. Second term bills are rendered February first and must be paid before March first. Failure to pay within the specified time automatically cancels the student's registration.

## THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, has been in operation since the fall of 1912. It affords ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for physician and nurse. Every provision has been made for both residence and dispensary care of all student conditions, medical and surgical, occurring during the college year. Prompt relief is thus afforded from the dangers of infection through illness in the college dormitories.

Except for the infirmary fee mentioned above, the attendance of the regular nurse is free to students. Medical attendance for brief ailments is also given, free of charge, by the college physician.

## SCHOLARSHIPS

All preliminary correspondence concerning scholarships should be addressed to the President of the College.

I. *Corporation Scholarships.* Sixteen scholarships of the annual value of \$300 each, awarded without application to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen from their general average for the year. In the case of the incoming Freshman class

## HAVERFORD COLLEGE

the scholarships will be assigned immediately after the June examinations (see pages 27-28) to those candidates entering by either plan of admission who are judged to be best prepared to do the work of the College.

II. *Senior Foundation Scholarships*. Six scholarships of the annual value of \$300 each offered to graduates of Earlham, Penn, Wilmington, Guilford, and Whittier Colleges, and Friends' University, nominated by their respective Faculties.

III. *Isaiah V. Williamson Scholarships*. Three scholarships covering all expenses of board and tuition. May be divided.

IV. *Richard T. Jones Scholarship*. One scholarship covering all expenses of board and tuition. May be divided.

(III and IV are so arranged that one is usually vacated each year and awarded to a Freshman.)

V. *Edward Yarnall Scholarship*. One scholarship of the annual value of \$200. Open to Friends only.

VI. *Thomas P. Cope Scholarship*. One scholarship of the annual value of \$200. Open to Friends who intend to teach.

VII. *Sarah Marshall Scholarship*. One scholarship of the annual value of \$200.

VIII. *Mary M. Johnson Scholarship*. One scholarship of the annual value of \$200.

## SCHOLARSHIPS

IX. *Joseph E. Gillingham Scholarships*. Four scholarships of the annual value of \$200 each "for meritorious students."

X. *Isaac Thorne Johnson Scholarship*. One scholarship given to a meritorious member of Wilmington Yearly Meeting of Friends applying before May first. If no such candidate presents himself before May first, any applicant from Ohio or Indiana will be considered. The annual value of the scholarship is \$225, and may be held, at the discretion of the President, for two or more years if the recipient proves satisfactory.

XI. *New York Alumni Scholarship*. Open to Freshmen from New York State, or northern New Jersey within the metropolitan area. The annual value of this scholarship is \$200.

XII. *Maryland Alumni Scholarship*. Open to Freshmen from Maryland. The annual value of this scholarship is \$200.

XIII. *Tuition Scholarships*. Twenty-four scholarships of the annual value of \$150 each.

XIV. *Day Scholarships*. Eight scholarships of the annual value of \$100 each.

Except XIV all scholarships involve residence in a dormitory.

All scholarships are given for one year only, but, with the exception of II, they may be renewed by the College if the conduct and standing of the recipient be satisfactory.

*H A V E R F O R D   C O L L E G E*

The Senior Foundation Scholarships will thus be vacated yearly, and about one-fourth of the others.

The following regulations will govern the grant of scholarships:

1. No scholarship will be given to a student who has conditions.
2. No scholarship will be given to a student who is in debt to the College.

## FELLOWSHIPS

*The Clementine Cope Fellowship*, of the annual value of \$500 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.

*Teaching Fellowships.* Two fellowships of \$300 each, involving certain duties at Haverford College, are offered yearly on the same foundation. They are construed to cover all the charges for tuition, room, and board.

## PRIZES

### ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Association of the Alumni, in the year 1875, established an annual prize of \$50, either a gold medal or an equivalent value in books and bronze medal, for excellence in composition and oratory. The following are the rules governing the competition:

I. The Alumni medal is offered yearly for competition among the members of the Junior and Senior classes, as a prize for the best delivered oration prepared therefor.

II. Three or five judges shall be appointed from year to year by the Alumni Committee, who shall hear publicly all competitors who may be qualified to appear.

III. No oration shall occupy in delivery more than fifteen minutes.

## HAVERFORD COLLEGE

IV. In making the award equal weight is to be given to the literary merits of the oration and to the manner of delivery.

V. The judges shall have the right to withhold the prize if the literary merits and the manner of delivery of the oration fall below a creditable standard of excellence.

### THE EVERETT SOCIETY MEDAL

This silver medal is offered for competition in extemporaneous speaking by the members of the two lower classes. It is given in memory of the old Everett Society.

### 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 for proficiency in Latin and Mathematics, respectively.

### THE CLASS OF 1898 PRIZE IN CHEMISTRY

The Class of 1898 offers a prize of \$10 in books to the member of either the Junior or Senior class who, in the judgment of the Professor of Chemistry, shall have done the most thorough and satisfactory work during the year in the laboratory, and in oral and written examinations. The prize will not be awarded twice to the same student.

### 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.



## PRIZES

### THE MATHEMATICAL DEPARTMENT PRIZE IN MATHEMATICS

The Mathematical Department offers a prize of \$10 in books, to be awarded at the end of the Freshman year, to the most proficient student in Mathematics.

### THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing It." The next award will be made May, 1920, and will be announced at Commencement. Any or all of the papers may be rejected if a high standard of merit is not reached. Competitors are urged to avoid mere discussion and fine writing, and to seek the advancement of knowledge by a study of facts or a proposal of practical advantage. The essays may be written on one of the following subjects:

1. The grounds for believing that an international court of arbitral justice will become a substitute for war.
2. The ethical grounds for opposition to war.
3. Will the economic burden of war, and of national armament in time of peace, force the nations of the world to adopt peaceful methods of settling disputes?
4. Lessons for the peace movement in the armed conflicts of 1914 and after.

### THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace.

## HAVERFORD COLLEGE

### PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books will be offered each year to the 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 will also be offered. The prizes in philosophy are open to all students taking any course in philosophy.

A prize of \$40 in books will be offered each year to the 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 will also be offered. The prizes in Biblical Literature can be competed for during any year of the College course.

### 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, show the most steady and marked improvement in scholarship during their college course.

### THE HIBBARD GARRETT MEMORIAL PRIZES FOR VERSE

These are two prizes of \$25 and \$15 respectively. They are awarded for the best verse written by a Haverford undergraduate during the year.

### S. P. LIPPINCOTT HISTORY PRIZE

A prize of \$100 is offered for competition in the Department of History, open to Seniors and Juniors with the following general provisos:

## PRIZES

*First.*—The prize may be withheld in any year, if the conditions, as provided 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 confined to students who have completed at the time of award a minimum of nine hours in the department of history.

*Conditions.* 1. In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list of topics prescribed by the department of history.

2. This essay shall be typewritten upon paper of standard size, and deposited under an assumed name with the Registrar on or before May 15th.

3. In determining the award, the judges shall consider the proficiency of the competitor in history courses and his general academic standing as contributory factors.

4. The judges shall consist of the President of the college and two members of the faculty to be appointed by him.

### GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student "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

## Haverford College

Chemistry other than Organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference."

### LECTURESHIPS

#### Haverford Library Lectures

The income of \$10,000, received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide 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 way may open for it, upon its doctrine and its teaching."

#### Thomas Shipley Lectures on English Literature

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

## SOCIETIES

A Young Men's Christian Association, organized in 1879, has a membership embracing a large number of the student body. It holds meetings twice a week, the mid-week meetings being addressed by prominent speakers from outside the College and the Sunday meetings being conducted by students. The work of the association includes a variety of outside activities, such as boys' work in Preston and Ardmore, a number of Bible classes in the College and vicinity, mission work and social work in Philadelphia, deputation work, etc.

The Loganiañ Society, the oldest in the College, was founded in 1834, "for mutual improvement in Literature and Science." In 1906, when it was reorganized, its interests had extended so as to necessitate three departments—Civic, Scientific, and Debating.

In 1908 the Civic Department withdrew to organize the Civic Club, which, in 1916, was reorganized as the Social Science Club. The Social Science Club is an organization for those members of the Faculty and students who are especially interested in the discussion of economic, historical, and sociological questions. Meetings are frequently addressed by prominent speakers, and papers are read by members.

In 1909 the Scientific Department withdrew to reorganize as the Scientific Society. With a membership of about fifty, it holds bi-weekly meetings addressed by members and by visiting scientists. The lectures are illustrated with experiments and lantern slides.

## HAVERFORD COLLEGE

The Classical Club is composed of members of the Faculty, students, alumni, and others, who are interested in the life and literature of the Greeks and Romans.

A chapter of the Phi Beta Kappa Society, Zeta of Pennsylvania, was established at the College in 1898.

The Founders Club, established in 1914, is an organization of alumni and undergraduates, to which upper-classmen become automatically eligible if they attain a "B" grade in class-room work and take part in a certain number of extra-curriculum activities.

The Cap and Bells Club, composed of both alumni and students, organizes and arranges the musical and dramatic productions of the College.

The Campus Club is an organization of the Faculty, students, and other friends of the College for promoting the study and preservation of trees, shrubs, birds, and wild animals on the College property.

The Haverford Union is an organization of alumni and students for the promotion of social fellowship. The home of the Union is a large and attractive building supplied with reading rooms, recreation rooms, sleeping rooms for visiting alumni, and a large assembly hall.

## PERIODICALS

*Haverford College Bulletin* is issued by the College four times in each collegiate year. Included under this title are the College Reports, Catalogue, Athletic Annual, and other matter.

*The Haverfordian*, founded in 1879, is published monthly by the students during the college year.

*Haverford News*, founded in 1909, is published weekly by the students during the college year.

## THE THOMAS WISTAR BROWN GRADUATE SCHOOL

The Thomas Wistar Brown Graduate School was founded as the result of a donation of about \$400,000 and began its work in the fall of 1917 in a residence on College Lane.

The donor specified as the subjects in which instruction might be given those which were, with his approval, included under undergraduate courses based on former gifts, viz.: the Bible, Philosophy, Sociology, History "and kindred subjects." The Graduate School does not offer courses outside of this list.

Its application is limited to young men and women who are graduates of reputable colleges.

The college library and other resources are available for the use of the students.

The charge for board and rooms is \$300 a year. There is no charge for instruction to resident students. For non-resident students a fee of \$50 a year is charged.

Five scholarships of \$300 each are offered to resident students.

During the year 1918-1919 the following lecturers were engaged:

*Isaac Sharpless.* Dean and Lecturer on The Christian and the State.

*Rufus M. Jones.* Lecturer on The History of the Development of Christian Thought.

*Henry J. Cadbury.* Lecturer on The New Testament.

*Frank D. Watson.* Lecturer on Social Work.

*Elihu Grant.* Lecturer on The Old Testament; also on Missions, Home and Foreign, their History, Theory and Practice.

H A V E R F O R D   C O L L E G E

*Edward A. Steiner.* Lecturer on The Problems of Immigration.

*Wilbur K. Thomas* and *Clarence A. Pickett.* Lecturers on A Pastoral System for Friends.

Other subjects, like Religious Education, Church History, etc., may be introduced into the school next year. The lecturers will also direct the individual students in special lines of work.

Address inquiries to Isaac Sharpless, Dean of the School, Haverford, Pa.



DEGREES, PRIZES AND HONORS  
GRANTED IN 1917-1918

DEGREES

The following degrees were conferred on Commencement Day, May 30th, 1918:

*Masters of Arts*

Robert Horniman Dann, A.B. (Pacific College, 1917).

Thesis—The Quaker Attitude toward the Scriptures.

Eleanor May Gifford, A.B. (Mount Holyoke College, 1915).

Thesis—The Pragmatic Element in the Synoptic Gospels.

Franklin Osbun Marshall, S.B. (Penn College, 1916; Haverford College, 1917).

Thesis—The Readjustment of the Disabled Soldier to Civil Life.

*Bachelors of Arts*

Harrison Heikes Arnold	Evan Jones Lester, Jr.
John Henry Beeson	Charles-Francis Long
Arthur Horton Cleveland, Jr.	Walter Scott Nevin
Neil Gilmour	Herbert Joseph Painter
Joseph Marchant Hayman, Jr.	Alfred James Townsend
	Kenneth Waldie Webb

HAVERFORD COLLEGE

*Bachelors of Science*

Robert Barrie, Jr.	Matthew Manlove Hynson
Herbert Joseph Carr	William Mussetter
Bennett Smedley Cooper	Henry Paul Schenck
Frank Deacon	Edward Sheppard Thorpe,
Alfred Henry Dewees	Jr.
Dwight Robert Fitts	Albert Hibbs Tomlinson

As of the Class of 1910

Joseph Chubb Develin

FELLOWSHIPS AND SCHOLARSHIPS  
FOR 1918-19

*The Clementine Cope Fellowship*

Evan Jones Lester, Jr.

*Teaching Fellowships*

Alfred James Townsend  
Loring Dam

*Corporation Scholarships*

Class of 1919

Russell Nelson Miller      Hartley Stokes Haines  
Thomas McConnell, 3d

Class of 1920

Clarence James Leuba      Harold Walter Brecht  
Edmund Morris Ferguson,  
son, Jr.

FELLOWSHIPS AND SCHOLARSHIPS

Class of 1921

Paul Herbert Caskey                      Alan Woods Hastings  
John Barclay Jones, Jr.

Class of 1922

Thomas Roger Montgomery              Kenneth Betts Walton  
Henry William Kumm

PRIZES

*The Everett Society Medal for Extemporaneous  
Speaking by Sophomores and Freshmen*

Nelson Davis Gifford, Jr., 1921

*The Class of 1896 Prizes in Latin and Mathematics for  
Sophomores*

Latin (\$10).....Frank Thomson Gucker, Jr.  
Mathematics (\$10).....Milton Adolph Kanisler

*The Class of 1898 Prize in Chemistry for Seniors and  
Juniors*

George Harold Hubler, 1919

*The Class of 1902 Prize in Latin for Freshmen*

Nelson Davis Gifford, Jr., 1921

*The Mathematical Department Prize in Mathematics  
for Freshmen*

John Barclay Jones, Jr., 1921

*The Reading Prizes in Philosophy for Seniors and  
Juniors*

First Prize.....Kenneth Waldie Webb, 1918  
Second Prize.....John Denman Barlow, 1919

H A V E R F O R D   C O L L E G E

*The Scholarship Improvement Prizes for the two Seniors  
who have shown the most steady and marked improve-  
ment in scholarship during the college course*

First Prize.....Kenneth Waldie Webb  
Second Prize.....Herbert Joseph Painter

*The Hibbard Garrett Memorial Prizes for Verse*

First Prize.....Gilbert Thomas Hoag, 1920  
"A Sonnet"

Second Prize.....Russell Nelson Miller, 1919  
"Faded Youth"

*The Founders Club Prize for the Freshman who has  
shown the best attitude toward college activities  
and scholastic work*

Paul Herbert Caskey, 1921

*The S. P. Lippincott History Prize for Seniors and  
Juniors*

Evan Jones Lester, Jr., 1918

H O N O R S

*Seniors elected to the Phi Beta Kappa Society*

At the end of the Junior Year

Evan Jones Lester, Jr.      Joseph Marchant Hayman,  
Neil Gilmour                      Jr.

At the end of the Senior Year

Harrison Heikes Arnold      Albert Hibbs Tomlinson

HONORS

*Junior elected to the Phi Beta Kappa Society*

Hamilton Dana Taylor

*Seniors, Juniors, and Sophomores elected to the Founders Club*

From the Class of 1918

Harrison Heikes Arnold	Herbert Joseph Painter
Stephen Curtis	Edward Arthur Gribbon
Alfred Henry Dewees	Porter
Neil Gilmour	Edward Sheppard Thorpe,
Joseph Marchant Hayman,	Jr.
Jr.	Albert Hibbs Tomlinson
Evan Jones Lester, Jr.	Kenneth Waldie Webb
Walter Scott Nevin	

From the Class of 1919

Franklin McCreary	Russell Nelson Miller
Earnest, Jr.	Walter Penn Shipley, Jr.
Thomas McConnell, 3d	Hamilton Dana Taylor

From the Class of 1920

Harry Calvin Hartman

FINAL HONORS

*High Honors*

Herbert Joseph Painter.....	Economics
Kenneth Waldie Webb.....	Economics and English

*Honors*

Albert Winslow Barker.....	Roman Archaeology
Neil Gilmour.....	Mathematics

H A V E R F O R D C O L L E G E

Evan Jones Lester, Jr. .... Latin  
Charles-Francis Long. .... Latin  
Edward Sheppard Thorpe, Jr. .... Biology

*Preliminary Honors*

Lucius Williams Elder, Jr. .... Chemistry  
Frank Thomson Gucker, Jr. .... Latin  
Harry Calvin Hartman. .... English  
Milton Adolph Kamsler. .... Mathematics

*Honorable Mention*

Harrison Heikes Arnold. .... French 3 and Italian 1  
Robert Atkinson. .... Chemistry 1  
Edmund Morris Fergusson, Jr. .... English 3  
Nelson Davis Gifford, Jr. .... Latin 1  
Roy Thurlby Griffith. .... Physics 7  
Edward Cadmus Haines,

Chemistry 1 and Freshman Mathematics

Hartley Stokes Haines. .... Chemistry 3  
Gilbert Thomas Hoag. .... English 3  
John Barclay Jones, Jr. .... Freshman Mathematics  
Milton Adolph Kamsler. .... History 2  
Robert Louis Molitor. .... Chemistry 1  
Thomas Edward Morris. .... History 2  
Samuel Albert Nock. .... Freshman English  
Raymond Theodore Ohl. .... Latin 1  
Albert Edward Rogers. .... History 1  
Albert Hibbs Tomlinson. .... Chemistry 3 and Physics 3  
Alfred James Townsend. .... Latin 4  
Charles Wilbur Ufford,

Freshman Geometry and Trigonometry

Kenneth Waldie Webb,

History 6, Philosophy 4, and Social Work 4

David Harris Willson. .... History 1

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FAVERFORD COLLEGE BULLETIN

NEW SERIES

. 18

1919-1920



# HAVERFORD COLLEGE DIRECTORY

1919-1920

HAVERFORD COLLEGE BULLETIN

Vol. XVIII

OCTOBER, 1919.

No. 1

Entered December 10, 1902, at Haverford, Pa., as Second Class Matter under Act of Congress of July 16, 1894

Accepted for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized on July 3, 1918.

## COLLEGE OFFICE AND BUILDING TELEPHONES\*

Barclay Hall, North .....	439	W
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Chemical Building .....	988	J
Dean and Assistant to President .....	1441	
Founders Hall .....	564	J
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Power House .....	988	W
Skating Pond .....	1426	

\*Ardmore Exchange.

## STUDENTS IN THE COLLEGE

Names and addresses. In the last column is given the number of the Student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day-student.

## GRADUATE STUDENTS

Name.	Home Address	College Address
Davis, George Elton	4069 Lake Ave., Rochester, N. Y.	20 L
A. B. (Cornell University), 1919		
Stubbs, Thomas Hodgson	West Chester, Pa.	34 Bc
B. S. (Haverford College), 1919		

## SENIOR CLASS

Brecht, Harold Walton	205 E. McKinley Av., Lansdowne, Pa.	43 Bc
Bröckelbank, William John	Newmarket, Ontario, Canada	33 Bc
Burritt, Robert William	64th and Malvern Av., Overbrook, Pa.	44 Bc
Collins, Benjamin, Jr.	Purchase, N. Y.	31 Bc
Crosman, John Marshall	Haverford, Pa.	D
Earnest, Franklin McCreary, Jr.	Mifflinburg, Pa.	40 Bc
Elder, Lucius Williams	Wayne, Pa.	39 Bc
Fergusson, Edmund Morris, Jr.	197 Grove St., Auburndale, Mass.	18 Bs
Fitts, Russell	3319 Paseo, Kansas City, Mo.	10 L
Greer, Robert Bratton	"Dundee," Johnstown, Pa.	19 Bs
Gucker, Frank Thomson, Jr.	3420 Hamilton St., Philadelphia, Pa.	18 Bs
Hallett, Henry McClellan, 2d	199 Owen Av., Lansdowne, Pa.	4 L
Harris, Pierson Penrose	6391 Sherwood Rd., Overbrook, Pa.	D
Hartshorn, Gordon Birdsall	Walden, N. Y.	33 Bc
Hastings, William Fairbank	Jacksonville, Fla.	8 F
Haynes, John Shields	321 Kent Rd., Cynwyd, Pa.	D
Hisey, John Alan, Jr.	3807 Chestnut St., Philadelphia, Pa.	22 L
Hoag, Gilbert Thomas	Haverford, Pa.	24 Bs
Kamsler Milton Adolph	2352 N. Park Av., Philadelphia, Pa.	43 Bc
Kearney, Thomas Henry	Edgemont, Pa.	17 Bs
King, Joseph Bernard, Jr.	7315 Boyer St., Mt. Airy, Pa.	D
Knowlton, Alfred Douglas	Haverford, Pa.	D
Leuba, Clarence James	Bryn Mawr, Pa.	21 Bs
Lycett, Isaac Cate	Gorsuch Av., Abbottston, Baltimore, Md.	9 L
Moore, Willard Brown	206 E. Washington Av., DuBois, Pa.	22 L
Morris, Thomas Edward	129 Franklin Av., Cheltenham, Pa.	31 Bc
Mullin, James Torbert	Pinecrest, West Chester, Pa.	23 Bs
Oliver, Alan Douglas	19 Prospect Ave., Moorestown, N. J.	22 Bs
Oliver, Kenneth Stuart	19 Prospect Ave., Moorestown, N. J.	22 Bs
Osler, Chester Arthur	49 S. Union Ave., Pensauken, N. J.	1 F
Patterson, Hobart McKinley	Burlington, N. C.	5 F
Petry, Robert Lowell	New Paris, Ohio	2 F
Philips, Jesse Evan	Wayne, Pa.	42 Bc
Reese, John Davies	619 N. Hyde Park Av., Scranton, Pa.	38 Bc
Roberts, Christopher	Montclair, N. J.	2 L
Silver, Francis Stokes	Aberdeen, Md.	23 Bs

Name.	Home Address	College Address
Smith, Robert Buoy	Holidaysburg, Pa.	15 L
Sutton, James Edward	1547 Clarkson St., Denver, Colo.	38 Bc
Tatum, Oliver Parry	6 Park Rd., Llanerch, Pa.	32 Bc
Thornton, Percy Stokes	115 Bloomingdale Av., Wayne, Pa.	10 L
Toogood, Granville Ernest	Coulter Inn, Germantown, Pa.	9 L
Van Sickle, Schuyler Curtis	169 Maple St., Springfield, Mass.	24 Bs
White, Joseph Dixon	Guilford College, N. C.	5 F
Williams, John Steele	7126 Chew St., Philadelphia, Pa.	41 Bc
Wood, Richard Reeve	Riverton, N. J.	21 Bs

### JUNIOR CLASS

Abele, Alan Mason	Narberth, Pa.	D
Arrowsmith, Harold Walton	253 Highland Av., Orange, N. J.	72 Bn
Atkinson, Robert	312 Gowen Av., Mt. Airy, Pa.	3 L
Babb, Jervis Jefferis	157 Cricket Av., Ardmore, Pa.	14 M
Baker, James McGranahan	Ardmore, Pa.	11 M
Barlow, Thomas Bradwall	Hazel Grove, Cheshire, England.	14 L
Bigelow, Henry Charles	917 Columbia Av., Millville, N. J.	9 Bs
Caskey, Paul Herbert	98 Cortleigh Bvd., N. Toronto, Can.	14 Bs
Edmonds, John Branson	Wayne & Upsal Sts., Germantown, Pa.	15 L
Ewan, Stacy Newcomb, Jr.	Millville, N. J.	39 Bc
Gebauer, George John	646 West 18th St., Erie, Pa.	14 M
Haines, Edward Cadmus	Moorestown, N. J.	35 Bc
Hastings, Alan Woods	Jacksonville, Fla.	15 F
Hauff, Edmund Guido	2530 N. 8th St., Philadelphia, Pa.	18 L
Heilman, Eugene Blair	876 Wynnewood Rd., Philadelphia, Pa.	17 M
Henderson, Herschel Clifford	113 Maitland St., Toronto, Can.	12 M
Hoopes, John Robison	West Chester, Pa.	37 Bc
Hurwitz, Boris Leon	2856 N. Marshall St., Philadelphia, Pa.	D
Jebb, William Thomas	922 Magee St., Lawndale, Pa.	44 Bc
Jones, John Barclay, Jr.	114 W. Coulter St., Germantown, Pa.	12 M
Klarén, John Hugo, Jr.	482 County St., New Bedford, Mass.	1 Bs
Long, Julian Sax	33 S. Wash'ton St., Wilkes-Barre, Pa.	14 Bs
McKinley, Morrison Cushman	1610 Green St., Philadelphia, Pa.	15 Bs
Macadam, John, Jr.	Chester, Pa.	18 L
MacIntosh, Archibald	7 Chalmers Place, Chicago, Ill.	70 Br
Matzke, David	805 E. Seneca St., Ithaca, N. Y.	10 Bs
Mengert, William Felix	310 Third St., S. E., Washington, D.C.	13 Bs
Miller, John Delaplane	Woodsboro, Md.	4 M
Miner, Edwin Demetrius	236 Rich Av., Mt. Vernon, N. Y.	20 L
Morris, Elliston Perot, Jr.	131 W. Walnut Lane, Germantown, Pa.	4 L
Nock, Samuel Albert	319 Division Av., Hasbrouck Hts., N.J.	8 M
Ohl, Raymond Theodore	148 Cricket Av., Ardmore, Pa.	D
Pierce, James Lawrence	Radnor, Pa.	11 L
Powell, Amos Arthur	Bryn Mawr, Pa.	13 M
Roberts, Garrett	27 Hillside Av., Montclair, N. J.	16 L
Rogers, Albert Edward	Medford, N. J.	37 Bc
Rogers, Joseph Elsworth	56 Church St., Toronto, Canada	16 L
Sangree, Milton Huyett	42 Mansion Av., Haddonfield, N. J.	16 F
Smith, Joseph Hutchinson	Maple Av., West Chester, Pa.	15 M
Taylor, Willard Samuel	Malvern, Pa.	3 F
Timbres, Harry Garland	Edmonton, Alberta, Canada	8 M

Name.	Home Address	College Address
Ufford, Charles Wilbur .....	511 Fifth Av., New York, N. Y....	16 Bs
Weatherby, Benjamin B, 2d .....	Millville, N. J. ....	3 L
Wilbur, Bertrand Henry .....	Rosemont, Pa. ....	13 Bs
Willson, David Harris .....	Haddonfield, N. J. ....	35 Bc
Wood, Robert Newlin .....	Riverton, N. J. ....	16 Bs
Zook, Allan .....	Woodland Av., Malvern, Pa.....	3 F

## SOPHOMORE CLASS

Abbott, Charles David, Jr. ....	211 S. Walnut St., Milford, Del.....	116 M
Arrowsmith, Noel Stryker .....	253 Highland Av., Orange, N. J.....	7 Bs
Atlee, Charles Biddle .....	Riverton, N. J. ....	7 L
Barker, John Bryant .....	Forward & Tilbury Av., Pittsburgh, Pa.	66 Bn
Braddock-Rogers, Kenneth .....	Haddonfield, N. J. ....	14 F
Brinton, Charles Addison .....	925.Old Lancaster Rd., BrynMawr.Pa.	D
Bucknell, Allen Kazlitt .....	3227 Lincoln Av., East St. Louis, Ill.	11 F
Carey, Anthony Morris, Jr. ....	1004 Cathedral St., Baltimore, Md...	7 Bs
Chang, Samuel Hiok .....	Swatow, China .....	D
Coder, William Dickey .....	620 S. High St., West Chester, Pa. .	12 L
Emigh, Chalmers Preston .....	Huntingdon, Pa. ....	60 Bn
Fansler, Thomas LaFayette, Jr....	Frazer, Pa. ....	12 Bs
Fraser, Henry Salmon .....	1113 First North St., Syracuse, N. Y.	36 Bc
Grigg, Harold Maurice .....	Haddonfield, N. J. ....	1 M
Gummere, John Flagg .....	Glen Mills, Pa. ....	59 Bn
Hall, Percival, Jr. ....	1 Kendall Green, Washington, D. C. .	13 F
Hallock, Joseph .....	Milton, N. Y. ....	68 Bn
Heilman, William Blair .....	876 Wynnwood Rd., Philadelphia, Pa.	111 M
Hendricks, William Craig .....	Chambersburg, Pa. ....	110 M
Hilleman, George Adolph .....	7152 Meade St., Pittsburgh, Pa....	59 Bn
Janney, Richard Worth .....	212 W. Upsal St., Germantown, Pa.	13 L
Kay, David Alexander .....	522 N. Church St., West Chester, Pa.	61 Bn
Klemm, Ralph Adam .....	1204 Lehigh Av., Philadelphia, Pa...	17 L
Kumm, Henry William .....	Summit, N. J. ....	10 F
Lane, David R. ....	South Rd., Poughkeepsie, N. Y.....	63 Bn
McDaniel, Delaplaine .....	Elkins Park, Pa. ....	9 M
MacCallum, William Henry Jr....	6602 Germantown Av., Philadelphia, Pa	19 L
Matzke, Robert Rudolph .....	805 E. Seneca St., Ithaca, N. Y.....	19 L
Miller, Karl Matz .....	217 E. King St., Lancaster, Pa....	14 L
Miller, Vincent Oscar .....	Dennisville, N. J. ....	110 M
Montgomery, Thomas .....	Woods Hole, Mass. ....	69 Bn
Munch, Alfred George .....	3041 N. 4th St., Philadelphia, Pa....	109 M
Nakane, Shigeo .....	621 Nakashibuya, Tokyo, Japan.....	9 F
Paxson, Chauncey Gause .....	2414 Bryn Mawr Av., Philadelphia, Pa	6 M
Pfund, Harry William .....	115 W. Logan St., Philadelphia, Pa.	101 M
Reiter, John Harkey .....	5 N. 6th St., Pottsville, Pa.....	6 M
Reitzel, William Attich .....	500 S. 49th St., Philadelphia, Pa....	114 M
Rhoads, William Lester .....	Boyertown, Pa. ....	60 Bn
Sagebeer, Richard Grafflin .....	Berwyn, Pa. ....	D
Sangree, Nathan Barnitz .....	42 Mansion Av., Haddonfield, Pa....	12 F
Sargent, Frederic Homer, Jr. ....	Wesley Inn, Wayne, Pa. ....	11 L
Sidel, James Eckel.....	509 Robeson St., Reading, Pa.....	102 M
Silver, William Easter .....	Aberdeen, Md. ....	58 Bn
Snader, Craige McComb .....	Haverford, Pa. ....	13 L



Name.	Home Address	College Address
Sutton, Richard Manliffe	1547 Clarkson St., Denver, Colo.	11 Bs
Tatnall, Thomas, Jr.	902 Delaware Av., Wilmington, Del.	66 Bn
Taylor, Edward Allinson	Haverford, Pa.	69 Bn
Thompson, Edward Jackson	Philipsburg, Pa.	68 Bn
Walton, Kenneth Betts	Narberth, Pa.	5 M
Wirt, Prosper Daniel	403 S. 12th St., Lebanon, Pa.	17 L
Wright, John Colvin	116 E. Penn St., Bedford, Pa.	115 M
Zerrer, Edwin Walter	5428 Westford Rd., Olney Park, Pa.	58 Bn

## FRESHMAN CLASS

Allen, Russel Greene, Jr.	Cornwall-on-Hudson, N. Y.	112 M
Pacon, William Warder, Jr.	162 Queen Lane, Germantown, Pa.	26 Bc
Borton, John Carter	Moorestown, N. J.	51 Bn
Brown, Henry Tatnall, Jr.	Moorestown, N. J.	6 Bs
Buck, Addison Steward	3182 Perry Av., New York, N. Y.	107 M
Chapman, Joseph Zam Collings	335 S. 16th St., Philadelphia, Pa.	55 Bn
Cope, Oliver	200 E. Johnson St., Germantown, Pa.	50 Bn
Davis, Frank Umstead	307 Dean St., West Chester, Pa.	
Dennett, Carleton	350 W. 57th St., New York, N. Y.	108 M
Farrar, Hal Gordon	1434 Tremont Place, Denver, Colo.	5 L
Fisher, Guilford Dudley	Malvern, Pa.	5 Bs
Flint, Frank Plumley	11 McDevitt Place, Pittsburgh, Pa.	105 M
Fry, Gilbert Crawford	4612 Chester Av., Philadelphia, Pa.	8 L
Grimes, George Randle	333 Vassar Av., Swarthmore, Pa.	103 M
Guthrie, Frank Warren	Youngstown, O.	5 L
Hamilton, William Henry	4835 California St., Omaha, Neb.	7 L
Haviland, Edward Kenneth	Port Deposit, Md.	25 Bc
Heyer, Charles Dixon	High & Ridgway Sts., Mt. Holly, N. J.	4 Bs
Heyne, Irvin Coltun	5301 Larchwood Av., Philadelphia, Pa.	28 Bc
Himes, Rees Slaymaker	120 E. King St., Shippensburg, Pa.	21 L
Hinrichsen, Axel Febiger	Glenolden, Pa.	D
Hoag, Garrett Scattergood	Haverford, Pa.	5 Bs
Holmes, Lee Grant	517 W. Mulberry St., Baltimore, Md.	29 Bc
Howland, John Gibbs	70 Borden St., New Bedford, Mass.	53 Bn
Hubbard, Hillis Johnson	729 W. 28th St., Los Angeles, Cal.	6 L
Huffman, George Conrad	Waynesburg, Pa.	21 L
Hunsicker, William Cosgrove, Jr.	1625 Race St., Philadelphia, Pa.	15 Bs
Hunt, George Wood	709 Spruce St., Philadelphia, Pa.	D
Hutkin, Marcus	5826 Mascher St., Philadelphia, Pa.	30 Bc
Jones, Wilmot Rufus	Concord, Mass.	3 Bs
Knowlton, Stephen Brooks	Haverford, Pa.	D
Leeds, Robert West	162 S. Penn Av., Atlantic City, N. J.	1 L
Lewis, Andrew Lindsay	11 E. Baltimore Av., Lansdowne, Pa.	67 Bn
Lyon, John Lyttleton	5 Reservoir Av., Ithaca, N. Y.	8 Bs
Morris, Marriott Canby, Jr.	131 W. Walnut Lane, Germantown, Pa.	51 Bn
Morss, Franklin Crawford, Jr.	6703 Cresheim Rd., Mt. Airy, Pa.	52 Bn
Mutch, Thomas Sangster	Brvn Mawr, Pa.	D
Nesbit, Robert, Jr.	118 De Victor Pl. E.E., Pittsburgh, Pa.	53 Bn
Osler, Howard Benjamin	49 S. Union Av., Pensauken, N. J.	3 M
Parke, Thomas	Downingtown, Pa.	2 Ps
Pruitt, Dudley McConnell	Chefoo, China	29 Bc
Rutt, Norman Eby	Bryn Mawr, Pa.	D
Sayre, Austin Bartholomew	181 Ridgwood Av., Glen Ridge, N. J.	8 L

Name.	Home Address	College Address
Scott, Kennett Schurch .....	Oakbourne, Pa. ....	54 Bn
Shoemaker, Benjamin Hallowell, 3d..	523 Church Lane, Germantown, Pa..	50 Bn
Stevenson, John Bryant .....	1530 Denniston Av., Pittsburgh, Pa..	104 M
Strawbridge, Gordon Weld .....	School Lane, Germantown, Pa.....	26 Bc
Trayer, Charlton Bevan.....	101 E. Tremont Av., New York, N. Y.	106 M
Test, Alfred Longstaff .....	8th and Spruce Sts., Philadelphia, Pa.	6 Bs
Wagenseller, Wayne MacVeagh ....	32 E. Main St., Bloomsburg, Pa.....	67 Bn
Walton, William Wyclif .....	Narberth, Pa. ....	2 M
Warner, Charles, Jr. ....	11th and Nottinghiam Rd., Wilmington,	1 L
White, Nelson Arnold .....	Drexel Hill, Pa. ....	30 Bc
Wilbur, Harry Lawrence .....	Rosemont, Pa. ....	6 L
Williamson, Alexander Jardine ....	West Chester, Pa. ....	25 Bc
Wilson, Gerald .....	40 West 190th St., New York, N. Y. .	7 L

STUDENTS IN THE  
THOMAS WISTAR BROWN GRADUATE SCHOOL

Name	Home Address
Baker, Margaret Elizabeth .....	Everett, Pa. A. B. (Juniata College) 1915
Coble, Lovella Ruth .....	Guilford College, N. C. A. B. (Guilford College), 1917
Kissick, William Perry .....	Oskaloosa, Iowa. A. B. (Penn College) 1918
Lassiter, Maude Elizabeth .....	Mechanic, N. C. A. B. (Guilford College), 1917
Wager, Paul Woodford .....	Hector, N. Y. B. S. (Hobart College), 1917
White, Mildred Esther .....	Straughn, Ind. A. B. (Earlham College) 1918
Wickersham, Evangeline Belle ....	Oskaloosa, Iowa. Ph. B. (Penn College), 1915

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For Faculty and Officers see next page.

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## FACULTY AND OFFICERS

	Address (Haverford unless otherwise noted.)	Telephone (Ardmore Exchange unless otherwise noted.)
Babbitt, Dr. James A. ....	3 College Ave. ....	50
Barrett, Don C. ....	5 College Circle ....	115 W
Brown, Thomas K., Jr. ....	13 College Ave. ....	776 R
Bull, Arthur W. ....	7 Founders Hall ....	564 J
Carpenter, Jas. McF., Jr. ...	Woodside College ....	522 W
Chase, Oscar M. ....	Founders Hall ....	564 J
Collins, William H. ....	Old Railroad Ave. ....	1089
Comfort, William W. ....	Walton Field ....	455
Davis, George E. ....	20 Lloyd Hall ....	1427
Gilbert, Percy G. ....	5414 Walnut St., Phila.	
Grant, Elihu ....	8 College Lane ....	258 W
Johnston, Robert J. ....	Founders Hall ....	564 J
Jones, Rufus M. ....	2 College Circle ....	97 J
Kelsey, Rayner W. ....	11 College Ave. ....	563 W
Lockwood, Dean P. ....	6 College Circle ....	522 J
Lunt, William F. ...	5 College Lane ....	1507 W
Meldrom, W. Buell ....	6 Walnut Lane.	
Palmer, Frederic, Jr. ...	7 College Lane ....	97 W
Post, L. Arnold ....	Millbrook Ave. ....	406 J
Pratt, Henry S. ....	4 College Circle ....	942 J
Reid, Legh W. ...	Merion Hall ...	986 W
Rittenhouse, Leon H. ....	6 College Lane ....	285 J
Sanger, George T. ....	Founders Hall ....	564 J
Sharpless, Isaac ...	1 College Ave. ....	203 J
Snyder, Edward D. ....	15 College Ave. ....	1509 W
Stansbury, Milton H. ....	7 Founders Hall ....	564 J
Thomas, Allen C. ....	9 College Lane ....	258 J
Watson, Frank D. ....	5 College Ave. ....	203 W
Wilson, Albert H. ....	7 College Ave. ....	216

# HAVERFORD COLLEGE

Vol. XVIII

## BULLETIN

No. 2

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ALUMNI QUARTERLY

OCTOBER, 1919

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Issued eight times a year by Haverford College  
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The  
Haverford College Bulletin

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ALUMNI QUARTERLY

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October, 1919

**OFFICERS ELECTED AT THE ANNUAL MEETING  
JUNE 13, 1919**

*President*

WALTER C. JANNEY, '98

*Vice-Presidents*

A. F. HUSTON, '72

L. J. MORRIS, '89

A. C. MAULE, '99

*Executive Committee*

LAWRENCE J. MORRIS, '89

W. NELSON L. WEST, '92

CHARLES J. RHOADS, '93

FRANCIS J. STOKES, '94

WM. W. JUSTICE, JR., '00

EMMETT R. TATNALL, '07

PHILIP L. CORSON, '19

*Treasurer*

W. H. HAINES, JR, '06  
1136 Ridge Avenue, Philadelphia

*Secretary*

H. NORMAN THORN, '04  
Edgewood Road, Ardmore, Pa.

*Editorial Board of the Alumni Quarterly, College Bulletin*

PARKER S. WILLIAMS, '94, Chairman

W. H. HAINES, JR., '06, Treasurer

1136 Ridge Avenue, Philadelphia

JOSEPH W. SHARP, '88

J. HENRY SCATTERGOOD, '96

JOSEPH H. HAINES, '98

WINTHROP SARGENT, JR., '08

CHRISTOPHER D. MORLEY, '10

KENNETH W. WEBB, '18

W. W. COMFORT, '94



## COMMITTEES FOR THE YEAR 1919-1920

Appointed by the Incoming President subsequent to the Annual Meeting, June, 1919

### *Committee to Nominate Members to the Association*

O. M. CHASE, '94, Chairman

J. KENNEDY MOORHOUSE, '00    A. GLYNDON PRIESTMAN, '05  
C. D. MORLEY, '10            HUGH E. MCKINSTRY, '17

### *Committee to Nominate Officers and an Executive Committee*

PARKER S. WILLIAMS, '94, Chairman

THOMAS EVANS, '89            FRANCIS R. STRAWBRIDGE, '98  
WALTER MELLOR, '01        JAMES P. MAGILL, '07  
WILLIAM T. KIRK, 3d, '16

### *Committee on Alumni Oratorical Prize*

HENRY S. DRINKER, JR., '00, Chairman

ALFRED PERCIVAL SMITH, '84    PARKER S. WILLIAMS, '94  
HAROLD EVANS, '07            JOSEPH HAINES PRICE, '11

### *Alumni Quarterly Committee*

PARKER S. WILLIAMS, '94, Chairman

(and others as printed on page 2)

### *Committee on Athletics*

H. NORMAN THORN, '04, Chairman

HENRY COPE, '69            JOSEPH W. SHARP, JR., '88  
RICHARD M. GUMMERE, '02    C. C. MORRIS, '04  
JOHN L. SCULL, '05        JOSEPH TATNALL, '13  
EMMETT R. TATNALL, '07    S. EMLÉN STOKES, '14  
JAMES E. SHIPLEY, '16      LORING DAM, '17

DR. JAMES A. BABBITT

### *Committee to Audit Treasurer's Report*

BENJAMIN R. HOFFMAN, '97, Chairman

WILLIAM E. CADBURY, '01

### *Committee on Hall of Fame in Cricket Pavilion*

ALFRED G. SCATTERGOOD, '98, Chairman

J. S. ELLISON, JR., '16        E. A. G. PORTER, '18

### *Haverford Extension Committee*

WINTHROP SARGENT, JR., '08, Chairman

C. C. MORRIS, '04            SAMUEL J. GUMMERE, '07  
J. BROWNING CLEMENT, JR., '08    JOHN GARRIGUES, '14



**PROCEEDINGS OF THE SIXTY-THIRD ANNUAL  
MEETING OF THE ALUMNI ASSOCIATION  
OF HAVERFORD COLLEGE**

The Sixty-third Annual Meeting of the Alumni Association was called to order on Friday, June 13, 1919, at 6.00 P. M., with the President, Walter C. Janney, '98, in the chair.

On motion, the calling of the roll was omitted, as well as the reading of the minutes of the last annual meeting—the minutes having been already printed and distributed to the members.

**REPORT OF THE EXECUTIVE COMMITTEE**

*To the Alumni Association of Haverford College:*

Your Executive Committee begs to report that the routine course of business has been given careful attention.

The thirty-first annual mid-winter dinner was held at the College on Saturday evening, the 25th of January, and a detailed account of same has already been presented to you in the March number of the ALUMNI QUARTERLY.

The holding of the dinner at the College was contrary to the usual custom and is a matter on which the sentiment of your members has heretofore been somewhat divided. It is probable that your new Executive Committee will welcome an expression of opinion on the point as governing the next mid-winter meeting, no arrangements for which have as yet been made.

The arrangements for Alumni Day have been placed in the hands of a special committee, and, we hope, will meet with your approval.

In each of the past two years there has been sustained a loss of about \$400 in endeavoring to provide for an indefinite number at supper, so that it was decided this year to order an amount sufficient only for those whose subscriptions are received three days before Commencement.

It is earnestly requested that you co-operate with the Committee in their efforts to provide a scheme for promptly and efficiently serving the supper.

The deaths of the following matriculates have come to the notice of the Secretary during the past year:

William H. Hussey .....	1842
Franklin E. Paige .....	1851
Augustus Reeve .....	1855
James Tyson .....	1860
Joseph Hartshorne .....	1871
Francis B. Gummere .....	1872
William M. Longstreth .....	1872
Joseph M. Fox .....	1873
Francis C. Haines .....	1876
J. M. W. Thomas .....	1878
Wilmot Rufus Jones .....	1882
Benjamin Collins .....	1885
J. Howe Adams .....	1887
Joseph Esrey Johnson, Jr .....	1888
William W. Hall .....	1902
George Peirce .....	1903
Warren K. Miller .....	1906
Walter Carroll Brinton .....	1915
Benjamin H. Shoemaker .....	Manager

H. NORMAN THORN, Secretary.

On motion, the report of the Executive Committee was approved.

A committee, consisting of Dr. Comfort, Stanley R. Yarnall and Howard H. Lowry, was appointed by the President to draw up a resolution expressing the sentiments of the Alumni Association relative to the death of Dr. Francis B. Gummere, and this resolution, when presented to the Association, was ordered spread on the minutes and presented to Dr. Gummere's widow in suitable form by the Secretary. The resolution, as adopted, is presented herewith, and a copy properly engrossed was presented to Mrs. Gummere:

RESOLUTION ADOPTED AT THE ANNUAL MEETING OF THE  
ALUMNI ASSOCIATION OF HAVERFORD COLLEGE  
HELD AT HAVERFORD

*June 13, 1919.*

WHEREAS, By the death of Francis B. Gummere of the Class of 1872, Haverford College has lost one of the greatest teachers in its history and a man beloved to an unusual degree by all who knew him;

*Resolved,* That we, the Alumni of Haverford College, here record our appreciation of his influence as a teacher through thirty years of loyal service.

His character was that of the constructive scholar of wide authority, the urbane gentleman, the inspiring teacher, and the sympathetic friend.

Haverford was the college of his love and faith. To its interests he devoted his life.

May it be ours to continue his work by a like spirit of service, so that the college that will always cherish his memory may, in a changing world, continue to be a home of humane manners, honest learning and true religion.

A communication addressed to the Secretary by Morris E. Leeds, Secretary of the Board of Managers of the Corporation of Haverford College, together with an extract from the minutes of the Haverford Board meeting, held May 16, 1919, was presented to the Association for consideration. These two communications are presented herewith.

“PHILADELPHIA, *May 20, 1919*

MR. H. NORMAN THORN,  
*129 Edgewood Road, Ardmore, Pa.*

My dear MR. THORN:

I take pleasure in handing you the enclosed from the minutes of the Haverford Board of Managers. There was informal discussion at the time that this minute was adopted as to what procedure should be followed in order to carry it into effect, and it was thought that in case the Alumni Association saw fit to co-operate and appointed a committee for the purpose, that that committee would get in touch with the Executive Committee of the Board, of which John M. Whittall is chairman. His address is 410 Race Street, Philadelphia.

I trust that this proposed arrangement, or something that may grow out of it, may result in keeping the Managers more fully informed in regard to the Alumni views and interests.

Very truly yours,  
MORRIS E. LEEDS, Secretary.

[Extract from Minutes of Haverford Board Meeting, held  
May, 16, 1919.]

“Committee on Alumni Co-operation reported as follows:

'4th Month 7th, 1919

*To the Board of Managers of Haverford College:*

The Committee to whom was referred the consideration of some formal co-operation between the Alumni Association and the Board of Managers report that they have given careful consideration to the subject, and have also consulted with President Comfort. J. Henry Scattergood was not present, not having returned from beyond seas. The following recommendations are the unanimous judgment of the members of the Committee:

We recommend that the Alumni Association be invited to appoint a Conference Committee who should meet with our Executive Committee at least once or twice a year, with the object of creating an orderly method by which the views of the Alumni may be presented to the Board from time to time.

We further recommend that the Alumni Association be invited to appoint one representative who shall sit with the Board of Managers at its regular meetings and who may take part in discussions, but not vote.

On behalf of the Committee,

(Signed) GEORGE VAUX, JR.'

On motion, the report was approved, and the Secretary directed to send a copy of it and of this minute to the Secretary of the Alumni Association."

After the reading of these communications, it was moved and seconded that the Secretary address an expression of appreciation to the Board of Managers for the action taken by them, as represented by the communications

addressed to this Association by their Secretary. This letter has been sent to the Board of Managers.

A resolution was then offered by Parker S. Williams as follows, which was adopted in the regular way:

*Resolved*, That a Committee consisting of seven members of this Association be elected at this meeting, to meet with the Executive Committee of the Board of Managers, and that the Committee so elected shall appoint one of its members to meet with the Board of Managers, in accordance with the invitation reported at this meeting.

*Resolved Further*, That, subject to confirmation by this Association at its next annual meeting:

1. The members of the committee elected at this meeting shall, in such manner as they shall determine, divide themselves into three classes: one class to consist of three (3) members and to serve for three (3) years from the date of this meeting; one class to consist of two (2) members to serve for two (2) years from said date; and one class to consist of two (2) members to serve for one (1) year from said date.

2. At the expiration of the terms of the members of each class as aforesaid, a like number shall be elected to serve for three (3) years, which shall thereafter be the regular term for which members of this committee shall be elected.

3. After the next annual meeting of this Association, no member of this Committee shall be eligible immediately to succeed himself.

4. In the event of the death or resignation of any member of this Committee the vacancy so caused shall be filled for the remainder of such member's term by election at the next succeeding annual meeting of this Association.

## REPORT OF THE COMMITTEE TO NOMINATE MEMBERS TO THE ASSOCIATION

*To the Alumni Association of Haverford College:*

*Gentlemen:* Your Committee to Nominate Members to the Association, after looking over available lists of non-



graduates, prefers to make no recommendations this year. By the end of another year, with the complete list of Haverfordians who have been engaged in war and relief work abroad by that time available, your Committee hopes to be able to recommend for favorable consideration the names of several non-graduates whose heroism or humanitarian labors are worthy of recognition by their Alma Mater.

On behalf of the Committee,

O. M. CHASE, Chairman.

On motion, the report was accepted as rendered.

### TREASURER'S REPORT

WILLIAM H. HAINES, JR., *Treasurer, in account with the Alumni Association of Haverford College, May 16, 1918, to May 31, 1919.*

DR.

Balance on hand May 16, 1918.....	\$423.39
To 162 annual contributions.....	\$728.50..
To 285 supper tickets for Alumni Day, 1918.....	285.00..
To 16 supper tickets for Alumni Day, 1918, at half price.....	8.00..
To Campus Club contribution for tea on Alumni Day.....	10.00..
To gift from Flagpole Committee.....	43.00..
To 240 tickets for Mid-Winter Dinner.....	481.00..
To special contribution to expense Mid-Winter Dinner.....	241.00..
To miscellaneous.....	10.00..
To interest on account.....	10.92..
	<hr/>
	1,817.42
	<hr/>
	<u>\$2,240.81</u>

## CR.

By Alumni Day 1918 Expenses:		
For services by undergraduates .....	\$10.00	
For Campus Club tea .....	45.00	
Stationery.....	68.65	
Band.....	176.00	
750 suppers .....	750.00	
		<hr/> \$1,049.65
By Mid-Winter Dinner expenses:		
Stationery.....	\$109.05	
241 dinners .....	723.00	
		<hr/> 832.05
By miscellaneous .....	\$24.00..	
By postage.....	7.69..	
By stationery .....	3.50..	
		<hr/> 35.19
Balance on hand June 1, 1919.....		323.92
		<hr/> <u>\$2,240.81</u>

WILLIAM H. HAINES, JR., *Treasurer, in account with Alumni Extension Committee.*

## DR.

To balance on hand May 16, 1918 .....	\$238.07
To 86 contributions .....	\$1,408.00
To interest on account .....	9.92
	<hr/> 1,417.92
	<hr/> <u>\$1,655.99</u>

## CR.

By expenses F. Palmer, Jr., lecturer at Stevens School, May 29, 1918.....	\$6.50
By correspondence work by Kenneth W. Webb, Jr., to March 18.....	15.00
By advertising, July 20, 1918 .....	1.50

By Y. M. C. A. Hand Book, January 3, 1919 . . . . .	\$32.00
By salaries paid March 18, 1919 . . . . .	375.00
By postage . . . . .	5.27
	\$435.27
Balance . . . . .	1,220.72
	\$1,655.99

WILLIAM H. HAINES, JR., *Treasurer, in account with the "Alumni Bulletin," May 16, 1918 to May 31, 1919.*

DR.

To balance on hand, May 16, 1918 . . . . .	\$110.15
To 85 contributions . . . . .	\$106.50
To interest on account . . . . .	4.31
	110.81
	\$220.96

CR.

Balance on hand June 1, 1919 . . . . .	\$220.96
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WILLIAM H. HAINES, JR., *Treasurer, in account with Dr. Bennett Fund.*

DR.

To 50 subscriptions . . . . .	\$278.50
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CR.

By stationery . . . . .	\$5.20
By check to John L. Scull, Treasurer, Haverford College Athletic Association . . . . .	273.30
	\$278.50

Respectfully submitted,

WILLIAM H. HAINES, JR.,

Examined and found correct:

Treasurer.

BENJAMIN R. HOFFMAN,--

WILLIAM E. CADBURY.

The Treasurer's report, properly audited, was accepted.

## REPORT OF THE COMMITTEE TO NOMINATE OFFICERS

The Committee to Nominate Officers and an Executive Committee of the Haverford Alumni Association respectfully report the following nominations for election at the Annual Meeting to be held on June 13, 1919:

### *President*

WALTER C. JANNEY, '98

### *Vice-Presidents*

A. F. HUSTON, '72

L. J. MORRIS, '89

A. C. MAULE, '99.

### *Secretary*

H. N. THORN, '04

### *Treasurer*

W. H. HAINES, JR., '06

### *Executive Committee*

LAWRENCE J. MORRIS, 89

W. NELSON L. WEST, '92

CHARLES J. RHOADS, '93

FRANCIS J. STOKES, '94

WM. W. JUSTICE, JR., '00

EMMETT R. TATNALL, '07

PHILIP L. CORSON, '19

The Committee nominates the following to serve as members of the Committee to represent the Alumni Association in conference with the Executive Committee of the Board of Managers:

JOSEPH W. SHARP, '88 (Philadelphia, Pa.)  
DAVID J. REINHARDT, '89 (Wilmington, Del.)  
WALTER C. WEBSTER, '95 (New York, N. Y.)  
A. M. COLLINS, '97 (Philadelphia, Pa.)  
FRANK M. ESHLEMAN, '00 (Boston, Mass.)  
C. J. CLAASSEN, '07 (Omaha, Neb.)  
HANS FROELICHER, JR., '12 (Baltimore, Md.)

For the Nominating Committee,

PARKER S. WILLIAMS, Chairman.

The President, having been re-nominated for office, retired from the chair temporarily in favor of John E. Lloyd, who took the vote on the new officers. On motion duly seconded and carried, the report of the Nominating Committee was accepted, and the nominations approved by a *viva voce* vote, this in accordance with the Constitution, electing these gentlemen to the offices for which they had been nominated.

The Secretary then read the following:

REPORT OF THE ORATORICAL PRIZE COMMITTEE  
TO THE ALUMNI ASSOCIATION OF  
HAVERFORD COLLEGE

On consultation with President Comfort and with the professors in charge of the departments connected with public speaking, and also with the proper representatives of the student body, it was found that the present attendance at the College in the Senior classes and the conditions of work and conflicting interests made it impossible to secure contestants for the prize during the current year,

and it was, therefore, determined to hold no prize contest during the present season.

Respectfully submitted,

HENRY S. DRINKER, JR., Chairman.

On motion duly seconded and carried, the report was accepted and filed.

The Secretary then read the following report:

#### REPORT OF THE COMMITTEE ON ATHLETICS

The college year just finished has been one during which your Committee has not been called on to assist actively in the athletic affairs.

The year opened with a small number of students and the conditions were such as to make it unwise to proceed along the customary lines.

Dr. Babbitt, head of the Physical Department, has been overseas, and Dr. Bennett, the football and baseball coach, has been acting as Physical Director.

All the Varsity football games were cancelled and the schedules of the other sports arranged to suit the existing conditions.

Early in the year Dr. Bennett inaugurated a system of compulsory exercise, so arranged as to keep the students in good physical condition, and at the same time continue their development for participation in the various branches of sport at a later date.

During October and November setting-up exercises were held three days a week, and interclass soccer and football three days. The Freshmen played four football games. During this period Dr. F. C. Sharpless, of the Class of 1900, gave lectures on first aid and physical development.

Starting December 15th, gymnasium classes for Freshmen and Sophomores were held three days a week, basket-ball for Varsity and Freshmen three days, and Varsity gymnasium team two days. The Varsity and Freshman basket-ball teams and Varsity gymnasium team completed a limited schedule, the latter closing the winter season March 15th.

At a meeting of your Athletic Committee in the winter, basket-ball was recognized as one of the major sports.

March 1st, cross-country work was started for the track team, and during the spring schedules have been maintained by the cricket, baseball, tennis and track teams. During this period, all students, with the exception of five who were physically incapacitated, were taking some form of exercise.

Dr. Bennett was assisted in his work by George Young in soccer, Charles Braithwaite in cricket, Edward E. Krauss in gymnasium, Philip G. Lewis in setting-up exercises, and John J. Keogh in track.

Under normal conditions the Athletic Association assumes, with the College, the expenses necessary for the coaching and maintenance of the various athletic activities, but this year all athletic dues of the undergraduates have been taken over by the College, which has assumed all the expenses. The treasury of the Athletic Association has therefore received no income and made no disbursements. The Alumni have not been asked to subscribe for membership tickets.

Beginning next fall we will start again on the usual basis, and from present indications we may look forward to a healthy condition in the athletic life of the College.

The Treasurer of the Athletic Association will again

take an active part in the finances, and it is desired that we secure five hundred Alumni membership subscriptions.

Respectfully submitted for the Committee,

H. NORMAN THORN, Chairman.

On motion duly seconded and carried, the report was accepted and filed.

The Secretary then read the following report:

#### REPORT OF COMMITTEE ON HALL OF FAME IN CRICKET PAVILION

*To the Alumni Association of Haverford College:*

A tablet for the year 1917, as ordered by the Association at its Annual Meeting held that year, as well as a tablet for the eleven of 1918, have been prepared and placed in the Pavilion.

So far the efforts of your Committee to secure photographs of the captains of the 1917 and 1918 eleven have been unsuccessful, and this duty will have to be passed on to the incoming Committee.

Inasmuch as no part of the appropriations made for the last two years have been used, we ask for an appropriation of twenty-five dollars, to cover the expenses of the tablets just prepared, tablet for the eleven of 1919, and for the photographs of the captains for the years 1917, 1918 and 1919.

On behalf of the Committee,

A. G. SCATTERGOOD, '98, Chairman.

On motion duly seconded and carried, this report was accepted and the appropriation of the twenty-five dollars asked for was made.

The following report was then read:



REPORT OF THE ALUMNI EXTENSION  
COMMITTEE

*To the Secretary of the Alumni Association of Haverford College:*

The immediate direction of the work of the Alumni Extension Committee prior to June, 1918, was performed by Dr. Richard M. Gummere. On his resignation to become Headmaster of the William Penn Charter School, and beginning in September, 1918, his duties were assumed by the President of the College, assisted by Prof. F. D. Watson. In the fall of 1918, Professor Watson resigned, because of press of other duties, and the President has more lately been assisted by Mr. J. Alan Hisey of the Senior Class.

With their assistance a large amount of correspondence has been undertaken, and advertising in an appropriate and dignified form has been carried on through the press and in various local communities.

There has been less delegation work than in former years, but more schools have been visited by representatives of the faculty in some academic connection than has been the case in the past.

The President of the College has spoken in the schools at Camden, N. J., Salem, Ohio, and upon academic occasions at many schools in the neighborhood of Philadelphia. Professor Barrett has visited, upon educational missions, at the Haverford, Radnor and Lower Merion high schools. Professor Kelsey, in the same way, has visited the high schools at Lansdale, Haverford and Millville, N. J.

Instead of an indoor athletic meet, a very successful outdoor meet for boys under sixteen was held on May

30th. Representatives from upwards of twenty schools participated. The winners were awarded cups made by J. E. Caldwell Company at the expense of your Committee. The participants were also invited by the College to remain for supper at the conclusion of the sports.

Certain of our Alumni, notably those engaged in teaching, have rendered the College signal service by frequently sending in the names of some of the best students in the schools with which they were acquainted. These cases have in large measure been successfully followed up, and at the present time, June 5th, we may report fifty-eight candidates for the next Freshman Class, representing thirty-four different schools. This should indicate an entering class of between sixty and seventy, which is probably as many as we can profitably handle at the present time.

I feel that the funds of the Extension Committee have proved a very real and valuable resource through the difficult period just past, permitting many minor, but important, expenses to be met thereby.

The original subscriptions to the funds for this Committee run for the year 1919 to 1920.

The Committee requests the continued co-operation of the members of the Alumni Association, and wishes to express its appreciation of that co-operation already received.

Respectfully submitted,

WINTHROP SARGENT, JR., Chairman.

On motion duly seconded and carried, the report was accepted and the Committee continued.

The following report was then read:

## REPORT OF THE ALUMNI QUARTERLY COMMITTEE

*To the Secretary of the Alumni Association of Haverford College:*

Your Committee respectfully reports that one number of the ALUMNI QUARTERLY, in addition to the other normal publications of the Haverford College Bulletin, has been issued during the past academic year, in March, 1919. On account of the absence of many who have assisted in this work in the past, the editorial work for this number was all done in the College office. This number contained the proceedings of the Sixty-second Annual Meeting of the Alumni Association, some account of the mid-winter dinner, held at the College on January 25th, a list of Haverford officers in the United States Army holding a rank above that of lieutenant, and some other matters of interest.

The College office, with the collaboration of the Alumni Association, is at present collecting, through a questionnaire, all information available regarding Haverfordians in any kind of national or international service during the past two years. It is expected that the information thus collected will be permanently kept on file at the College for future reference, and that a summary of the results will be published in an early number of the ALUMNI QUARTERLY.

PARKER S. WILLIAMS, Chairman.

On motion duly seconded and carried, the report was accepted and filed.

In the line of new business, the matter of the next mid-winter dinner, as suggested in the report of the Executive

Committee, was discussed briefly, and it was finally determined to leave to the incoming Executive Committee the arrangements, as heretofore.

Hans Froelicher, Jr., speaking for the Class of 1912, suggested that it might very properly be brought to the attention of the Association that the establishment of a Chair of English Literature, to be known as the Francis Barton Gummere Chair of English Literature, would be a very appropriate testimonial on the part of the Alumni to the services rendered to the College by Dr. Gummere. This suggestion met with the hearty approval of the members present, and a committee has been appointed to give this matter consideration and to endeavor to raise a fund of \$125,000, the proceeds from which shall be used for the maintenance of such a Chair.

An announcement was read by the Secretary relative to the War Service Record blanks which had been sent out with the notices for the meeting, with a request that members fill in such records and return them promptly.

There being no further business for transaction, the meeting was adjourned.

H. NORMAN THORN, Secretary

## PRESIDENT'S ADDRESS, COMMENCEMENT, 1919

Again we have to chronicle the end of a broken academic year. There has not been for generations in American education a year when so many expedients and experiments have had to be tried in order to meet a difficult situation. Happily this situation has now passed into history, but reference to its effect upon Haverford College must be made at this time.

The College would inevitably have been much smaller than usual this year. A large proportion of the two upper classes had volunteered in some form of government service, but, up until mid-summer, we were expecting the largest Freshman Class that had yet entered Haverford. Sixty-five Freshmen from forty different preparatory schools would have given us ample interesting material upon which to work. But the lowering of the draft age to eighteen and the establishment of the S. A. T. C. in September, 1918, changed the prospect. For evident reasons, which have been almost uniformly respected by Haverfordians and the general public, Haverford could not consider the establishment of what was virtually a military régime at an institution founded and largely endowed by persons holding principles professed for over two centuries and a half by the Society of Friends. This decision was communicated at once to many of our alumni and to all of our patrons, accompanied by an offer of our services to transfer credits to other institutions and to organize certain science courses which might increase the efficiency of those desiring to prepare for special service. These science courses in Wireless Teleg-

raphy and Navigation were largely elected by the few students who appeared at the opening of the College. The whole college body numbered just what we were expecting of the Freshman Class! These students were of four classes: conscientious objectors to war who were waiting to be drafted and bear their testimony; students physically disabled; those under the draft age of eighteen on the twelfth of September; and those who, though not objectors, had special reasons to wait their call under the draft, or had been furloughed from active service to continue their education. It is probable that Haverford was able to do more for these particular men than any other institution in these parts, given the conditions that elsewhere prevailed. At least that was the view taken by the Federal Government, which used no pressure to induce us to establish an S. A. T. C. and admitted that the Quaker colleges in the country could well serve the United States by continuing the education and physical development under normal conditions of such students as might resort to them.

Still, when the best was made of the situation, the prospect for a successful year last September was not alluring. Some of our most influential professors asked for leave of absence. Dean Palmer went to Harvard; Professor Rittenhouse joined the Fuel Administration in a responsible position; Professor Watson was released from most of his courses in order to direct the work of the Pennsylvania School for Social Service; Professor Babbitt continued his valued medical services abroad with the Friends' Reconstruction Committee and with the Red Cross; Professor Lunt was selected to go to Paris as a member of the American Commission to Negotiate Peace;

Professor Pratt was in Washington part of each week on a government assignment of a scientific nature. These commissions, together with some very real home work performed by those who would not wish to be mentioned in this connection, represent the war and peace work undertaken by the permanent members of our faculty. They sought these fields of service with the approval and encouragement of the college, and we have rejoiced to welcome them home again when their work has been completed. To those members of the faculty who felt their best service could be rendered here, I wish to express my grateful appreciation of their unstinted support and cheerful co-operation through the trying first term of the year. Most of our students were young and new to the local conditions; all were more or less confused as to their future intentions. The presence of so many of our faculty enabled us to continue regular work in our courses, to put through a programme of physical exercise for all, and even to carry on the most essential of the student activities.

After the disbandment of the S. A. T. C., our students began to return to us, and during the second term the total number has risen to 140. The underlying strength of Haverford's hold upon the affection of its patrons was thus strikingly demonstrated. With a few exceptions, all those who expected to be with us this year have now rejoined the College. Our shortage is attributable to the number of Freshmen who did not enter last fall, due to our failure to install an S. A. T. C., and to the number of upper classmen who have not yet been released from service. It appears now that the college body is likely to be as large next fall as it has ever been; and if such

should prove to be the case, we shall have come through the war period with no greater loss than has been suffered patiently by most institutions of our class.

It may be interesting to remark at this time that Haverfordians appear to have done their proportional share in unselfish service. It was to be expected that they would do so after the education they receive here; but it is gratifying to know the facts. The work of the American Friends' Reconstruction Service in France naturally made a strong appeal to members of the Society of Friends and to a few others of our graduates. Fifty-four men have been engaged in its foreign service since September, 1917. One of our faculty has been chairman of the General Committee in America and another has headed the medical work in France; three Managers of the College have given much of their time to developing the spirit and efficiency of the organization, one of them as executive chief in France. As divisional chiefs and minor executives, our graduates have perhaps made the influence of Haverford the predominating influence among the four hundred young men from all parts of America who have been reconstructing the civilian life in northern France.

Not counting the S. A. T. C., there have been about three hundred Haverfordians who enrolled in the land and sea forces of the United States, chiefly by volunteer enlistment. A very large number of these have held commissions, but we have not yet learned how many lieutenantancies have been held. We have, however, at this time listed one colonel, two lieutenant-colonels, eleven majors, twenty-three captains. It is hoped that when the returns are all in, we may publish a complete list of



all Haverfordians in any sort of national and international service during the past two years.

Hardly less important at this time than the support of our patrons is the financial support that has been accorded us by friends and graduates of the College. Last summer the sum of \$15,000 was subscribed by about forty persons to cover the running deficit of the year 1917-1918. A most welcome gift from Maria C. Scattergood was received this winter, consisting of \$30,000 to constitute a fund for general purposes in memory of her son, Arnold Chase Scattergood, formerly a member of the class which is graduating today. To keep green among us in his old college the memory of Dr. George Peirce of the Class of 1903, whose untimely death was recently caused by an accident in a chemical laboratory, Mr. and Mrs. Harold Peirce of Haverford have established a prize for excellence of work in Chemistry and Mathematics. This prize will presently be awarded for the first time. We are engaged at present in raising a fund of sufficient size to equip appropriately Sharpless Hall, the handsome new home of the Departments of Physics and Biology, and to purchase certain needed scientific and electrical apparatus. You are invited to inspect this new hall, which has been added by your generosity to the permanent equipment of the College.

The Class of 1893 in celebration of the recent twenty-fifth anniversary of its graduation has handed to the Board of Managers a gift amounting at the present time to \$2,145, to be used in such a way as may be approved by the Board; \$500 of this is in the form of a Liberty Bond, and \$500 is presented by Mrs. George R. Packard and Mrs. Henry G. Leach in memory of their brother,

J. Farnum Brown. The Class of 1893 hopes that this class fund, given without restrictions, may serve as a precedent for other anniversary funds to be presented to the College in the same manner.

The close of the year has been saddened by the sudden death of our beloved master and friend, Professor Francis B. Gummere. Haverfordians of the last thirty years will feel they have lost a teacher of rare inspiration and a personal friend of unequaled charm. The world of scholarship has lost one of its greatest scholars in the field of poetry. Dr. Gummere was third in the four generations of a family which has rendered distinguished educational service upon this campus. The family name is woven into the very fabric of Haverford College. Others will claim him through his many affiliations and will mourn him; but by birth, by adoption, and by steadfast loyalty, Dr. Gummere was ours, and ours he will remain so long as these lecture halls shall stand, so long as these trees and lawns shall bloom afresh, and so long as the crack of bat and ball shall be heard on the field he loved so well.

W. W. COMFORT.

## IN MEMORIAM, FRANCIS BARTON GUMMERE

I often wonder what inward pangs of laughter or despair he may have felt as he sat behind the old desk in Chase Hall and watched us file in, year after year! Callow, juvenile, ignorant and cocksure—grotesquely confident of our own manly fulness of worldly *savoir*—an absurd rabble of youths, miserable flint-heads indeed for such a steel! We were the most unpromising of all material for the scholar's eye: comfortable, untroubled, middle-class lads most of us, to whom study was neither a privilege nor a passion, but only a sober and decent way of growing old enough to enter business.

We did not realize how accurately—and perhaps a trifle grimly—the strong, friendly face behind the desk was searching us and sizing us up. He knew us for what we were—a group of nice boys, too sleek, too cheerfully secure, to show the ambition of the true student. There was among us no specimen of the lean and dogged crusader of learning that kindles the eye of the master: no fanatical Scot, such as rejoices the Oxford or Cambridge don; no liquid-orbed and hawk-faced Hebrew with flushed cheek bones, such as sets the pace in the class-rooms of our large universities. No: we were a hopelessly mediocre, well-fed, satisfied and characteristically Quakerish lot. As far as the battle for learning goes, we were pacifists—conscientious objectors.

It is doubtful whether any really great scholar ever gave the best years of his life to so meagerly equipped a succession of youngsters! I say this candidly, and it is well it should be said, for it makes apparent the true

genius of Dr. Gummere's great gift. He turned this following of humble plodders into lovers and zealots of the great regions of English letters. There was something knightly about him—he, the great scholar, who would never stoop to scoff at the humblest of us. It might have been thought that his shining gifts were wasted in a small country college, where not one in fifty of his pupils could follow him into the enchanted lands of the imagination where he was fancy-free. But it was not so. One may meet man after man, old pupils of his, who have gone on into the homely drudging rounds of business, the law, journalism—men whose faces will light up with affection and remembrance when Dr. Gummere's name is mentioned. We may have forgotten much of our Chaucer, our Milton, our Ballads—though I am sure we have none of us forgotten the deep and thrilling vivacity of his voice reciting:

O where hae ye been, Lord Randal, my son?  
O where hae ye been, my handsome young man?  
I hae been to the wild wood; mither, make my bed soon,  
For I'm weary wi' hunting and fain wald lie down.

But what we learned from him lay in the very charm of his personality. It was a spell that no one in his classroom could escape. It shone from his sparkling eye; it spoke in his irresistible humor; it moved in every line of that well-loved face, in his characteristic gesture of leaning forward and tilting his head a little to one side as he listened, patiently, to whatever juvenile surmises we stammered to express. It was the true learning of which his favorite Sir Philip Sidney said:

This purifying of wit, this enriching of memory, enabling of judgment, and enlarging of conceit, which commonly we call learning, under what name soever it come forth or to what immediate end soever it be directed, the final end is to lead and draw us to as high a perfection as our degenerate souls, made worse by their clay lodgings, can be capable of.

Indeed, just to listen to him was a purifying of wit, an enriching of memory, an enabling of judgment, an enlarging of imagination. He gave us "so sweet a prospect into the way as will entice any man to enter into it."

He moved among all human contacts with unerring grace. He was never the teacher, always the comrade. It was his way to pretend that we knew far more than we did; whimsically, yet with perfect courtesy and gravity, he would ask our opinion on some matter of which we knew next to nothing; and we knew it was only his exquisiteness of good manners that impelled the habit; and we knew he knew the laughableness of it; yet we adored him for it. He always suited his strength to our weakness; would tell us things almost with an air of apology for seeming to know more than we; pretending that we doubtless had known it all along, but it had just slipped our memory. Marvelously he set us on our secret honor to do justice to this rare courtesy. To fail him in some task he had set became, in our boyish minds, the one thing most abhorrent in dealing with such a man—a discourtesy. In short, he was a man of the rarest and most delicate breeding, the finest and truest gentleman we had known. Had he been nothing else, how much we would have learnt from that alone.

What a range, what a grasp, there was in his glowing, various mind! How open it was on all sides, how it

teemed with interests, how different from the scholar of traditional belief! We used to believe that he could have taught us history, science, economics, philosophy—almost anything; and so indeed he did. He taught us to go adventuring among masterpieces on our own account, which is the most any teacher can do. Luckiest of all were those who, on one pretext or another, found their way to his fireside of an evening. To sit entranced, smoking one of his cigars, to hear him talk of Stevenson, Meredith or Hardy—(his favorites among the moderns) to marvel anew at the infinite scope and vivacity of his learning—this was to live on the very doorsill of enchantment. Homeward we would go, crunching across the snow to where Barclay crowns the slope with her evening blaze of lights, one glimpse nearer some realization of the magical colors and tissues of the human mind, the rich perplexity and many-sided glamor of life.

It is strange (as one reviews all the memories of that good friend and master) to think that there is now a new generation beginning at Haverford that will never know his spell. There is a heavy debt on his old pupils. He made life so much richer and more interesting for us. Even if we never explored for ourselves the fields of literature toward which he pointed, his radiant individuality remains in our hearts as a true exemplar of what scholarship can mean. We can never tell all that he meant to us. Gropingly we turn to little pictures in memory. We see him crossing Cope Field in the green and gold of spring mornings, on his way to class. We see him sitting on the verandah steps of his home on sunny afternoons, full of gay and eager talk on a thousand diverse topics. He little knew, I think, how we hung

upon his words. I can think of no more genuine tribute than this: that in my own class—which was a notoriously cynical and scoffish band of young sophisters—when any question of religious doubt or dogma arose for discussion among some midnight group, someone was sure to say, “I wish I knew what Dr. Gummere thought about it!” We felt instinctively that what he thought would have been convincing enough for us.

He was a truly great man. A greater man than we deserved, and there is a heavy burden upon us to justify the life that he gave to our little college. He has passed into the quiet and lovely tradition that surrounds and nourishes that place we all love so well. Little by little she grows, drawing strength and beauty from human lives around her, confirming herself in honor and remembrance. The teacher is justified by his scholars. Dr. Gummere might have gone elsewhere, surrounded by a greater and more ambitiously documented band of pupils. He, whom we knew as the greatest man we had ever seen, moved little outside the world of learning. He gave himself to us, and we are the custodians of his memory. I take it that ultimately there will be some permanent memorial of him; perhaps a wing added to the Library, or something of that sort. In the meantime I would suggest that there be established without delay an annual prize of \$100 for an essay or essays to be written on some topic connected with English Literature, and known as the Francis Barton Gummere Memorial Prize. The sum of \$2,500 in Liberty Bonds would be an adequate principal for this fund, and I know that all Dr. Gummere’s old pupils would be happy to contribute in their several capacities.

Every man who loved our vanished friend must know

with what realization of shamed incapacity one lays down the tributary pen. He was so strong, so full of laughter and grace, so truly a man, his long vacation still seems a dream, and we feel that somewhere on the well-loved campus we shall meet him and feel that friendly hand. In thinking of him I am always reminded of that fine old poem of Sir Henry Wotton, a teacher himself, the provost of Eton, whose life has been so charmingly written by another Haverfordian—

#### THE CHARACTER OF A HAPPY LIFE

How happy is he born and taught  
 That serveth not another's will;  
 Whose armor is his honest thought,  
 And simple truth his utmost skill!

Whose passions not his masters are;  
 Whose soul is still prepared for death,  
 Not tied unto the world by care  
 Of public fame or private breath;

Who envies none that chance doth raise,  
 Nor vice; who never understood  
 How deepest wounds are given by praise;  
 Nor rules of state, but rules of good;

Who hath his life from rumors freed;  
 Whose conscience is his strong retreat;  
 Whose state can neither flatterers feed,  
 Nor ruin make oppressors great;

Who God doth late and early pray  
 More of His grace than gifts to lend;  
 And entertains the harmless day  
 With a well-chosen book or friend;



This man is freed from servile bands  
Of hope to rise or fear to fall:  
Lord of himself, though not of lands,  
And having nothing, yet hath all.

Such was the Happy Man as Sir Henry Wotton described him. Such, I think, was the life of our friend. I think it must have been a happy life, for he gave so much happiness to others.

CHRISTOPHER MORLEY, '10.

## CHRISTOPHER MORLEY

In the popular acceptance of the phrase, Christopher Morley has arrived. After a small volume of witty verse privately printed under the title "The Eighth Sin" and a period of obscurity as a publisher's reader, this young Haverfordian Rhodes Scholar has suddenly emerged with great effulgence in six volumes and innumerable articles, stories and poems contributed to magazines and newspapers. In two years he has mounted from the horizon to the zenith of contemporary note. His rapid career is interesting in many ways.

The general verdict of the sober onlooker is that Mr. Morley is enormously clever but is writing much too much. I have myself inclined to agree on both these points, but recent investigation impels me to think that I was wrong on the latter point. It is precisely because Mr. Morley writes so fast that his work reads so easily. He disproves the adage to the contrary. If his talent lay in profundity or finished artistry, the case would of course be different, but at present his charm lies in geniality and sparkle. With these gifts almost unflinching back of him, the more nimbly his typewriter clicks, the less danger is there that his style will flag or clog. Like a good skater, he skims confidently and safely on thin surfaces.

Mr. Morley is fortunate in his wide appeal. He entertains the average reader with few exactions on his business-weary mentality, and yet he can also amuse and often delight the more bookishly inclined. He disclaims all malice aforethought in his work, avowing that he is not after the reader's soul, and this is a comfortable doctrine

to many in our propagandist age. He often wins our sympathy none the less, and once in a while he comes very near to our heart-strings.

But to the books themselves! First, the poetry. There are two volumes of crisply-turned lyrics dealing with just the things an average American is interested in every day: trains, washing dishes, coal, walking, a subway excavation, household pets (including children), a pipe, etc. These he varies with a taste for parody and extravaganza. He is uniformly optimistic, indeed his poems may be called embroideries on the text that it is good to be alive here and now. To this apparently commonplace theme Mr. Morley brings a freshness of spirit and a fund of whimsicality that give an undoubted first-hand quality to his utterance. There is, too, enough sentiment to afford mellowness. His rhythms are contagious and his phrasing is deft. He seldom writes an imaginative or really poetical line, but then most people are unimaginative and unpoetical in the more esoteric sense. Why not give plain folks "a good time!"

But the "Songs for a Little House" and "The Rocking Horse" will give real, if mild, pleasure to the literary as well. Mr. Morley's familiarity with good tradition makes his workmanship truly workmanlike. And then, too, just as one tires of poems and other flippancies, there comes the nuance of something more delicate. Take, for instance, the poem "To a Grandmother," a favorite of Professor Gummere,

At six o'clock in the evening,  
The time for lullabies,  
My son lay on my mother's lap  
With sleepy, sleepy eyes!  
(O drowsy little manny boy,  
With sleepy, sleepy eyes!)

I heard her sing, and rock him,  
 And the creak of the swaying chair,  
 And the dear old cadence of the words  
 Came softly down the stair.

And all the years had vanished,  
 All folly, greed and stain—  
 The old, old song, the creaking stair  
 The dearest arms again!  
 (O lucky little manny boy,  
 To feel those arms again!)

Of Mr. Morley's four prose volumes we may pass the rather hectic prohibition skit "In the Sweet Dry and Dry," of which one hopes that the flattest passages were perfected by his collaborator. "Shandygaff" is a collection of essays, mostly on books and reminiscences of England. Both of these subjects, and notably the two combined, haunt the author like a passion. He enjoys being frivolous with the old masters and lauding the new up to the skies, but this is to some extent a healthy inversion of the usual order. Fairly versed in scholarship, Mr. Morley is defiantly unacademic in his tone. It might be insinuated that he is as dogmatic in maintaining the virtues of O. Henry and William McAfee as a Harvard professor is supposed to be on the subject of Emerson or Matthew Arnold. But let genuine enthusiasm be forgiven, even when misguided! There are really lovely bits of British scenery, kindly surface characterizations of one or another chance acquaintance, and in the essay on Henry Kirk-White an illuminating treatment of the pathos of precocity.

Mr. Morley's novels, so-called, are in reality only essays on literature and what-not strung on a love thread of narrative. But if we do not get real events or real people, we get at least a real and very engaging person, viz., one

Christopher Morley. The titles "Parnassus on Wheels" and "The Haunted Bookshop" may sound a bit dry, but, as before indicated, the author is never of books bookish. His highest ideal, that of diffusing good literature as he conceives it, is exemplified in Roger Miffin, the central figure of both stories. We gladly dispense with the artificialities of the plots when Roger begins to criticise and witticise. To be sure "The Haunted Bookshop" exhibits a good deal of structural ingenuity, so that it diverts, though it does not convince. The German spy who seeks to bomb President Wilson deserves a season's immortality in the movies. But it is such things as the purely extraneous symposium of booksellers that leave a dent in the memory. Miffin's theory of his profession as a sacred mission to the race is positively exalting, for he sticks it out in spite of the cynical jibe: "Folks will pay a darned sight more to be amused than they will to be exalted."

This brings us to the problem of Mr. Morley's double rôle, which he himself, as a frankly irresponsible person, will no doubt refuse to consider a problem at all. Still, here it is: How far should a writer merely amuse who has both the power and the impulse to exalt? The journalist is useful in his day, but what if in the end he is selling his birthright? Is there such a thing as literary un-morality? Mr. Morley will answer this, willy-nilly, by his actions. He may combine being pleasant and only hinting of deeper things till his vein gives out, or he may settle down to become a Hazlitt or a Meredith. Whichever may happen, Mr. Morley affords a very agreeable pastime for the present, and his fast-increasing body of well-wishers will be keenly on the lookout for his next manifestation. May he write, not less, but better!

CHARLES WHARTON STORK, '02.

## HAVERFORD COLLEGE SERVICE RECORD

It is evident from the data thus far compiled that practically all Haverfordians not incapacitated by age or illness were engaged in some kind of emergency service during the war.

Although the returns are yet incomplete, the following summary has been made. It should be stated that, aside from the commissioned officers included in this summary, there were many Haverfordians in non-commissioned office when the armistice was signed.

Commissioned officers, service in U. S. . . . .	77
Commissioned officers, service abroad. . . . .	91
	168
Enlisted men, service in U. S. . . . .	99
Students' Army Training Corps. . . . .	57
Enlisted men, service abroad. . . . .	70
	226
Total in military service. . . . .	394
Reconstruction work, service abroad. . . . .	54
Y. M. C. A. service abroad. . . . .	9
Special emergency service in U. S. . . . .	205

Among the officers included in the above summary are the following: 3 lieutenant-colonels, 15 majors, 35 captains, 55 first lieutenants, 43 second lieutenants, 4 lieutenants, junior grade (navy), 13 ensigns.

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The following list, arranged by classes, contains only the names of those in military or naval service in the United States, or in service (of whatever kind) abroad.

*All Haverfordians are requested to help make this record accurate and complete. Send corrections and additions to the Haverford Service Record Bureau, Haverford College, Haverford, Pa.*

An asterisk (\*) before a name indicates foreign service.

Haverfordians who have returned to college from service are listed as ex-members of their original classes, with their present class added in parenthesis.

1885

\*JONES, RUFUS MATTHEW—American Friends' Service Committee.

Ex-1886

TUNIS, JOSEPH PRICE—Capt., Med. Corps.

1887

CASSATT, EDWARD BUCHANAN—Lt.-Col., Inspector General.

1888

ENGLAND, HOWELL STROUD—Supply Sgt., Mich. State Troops.

\*LEEDS, MORRIS EVANS—A. R. C. and Friends' Service Committee.

Ex-1888

NIELDS, JOHN PERCY—Capt., Ordnance.

1889

\*KIRKBRIDE, FRANKLIN BUTLER—Y. M. C. A. War Work Council.

Ex-1890

VALENTINE, JOHN REED—Major, Remount.

Ex-1892

STRAWBRIDGE, ROBERT EARLY—Major, Remount Div.,  
Q. M. C.

1893

\*OKIE, JOHN MICKLE—Y. M. C. A.

\*RHODS, CHARLES JAMES—Reconstruction.

Ex-1893

REEVES, FRANCIS BUTLER, JR.—Home Defense Reserve.  
TAYLOR, JAMES GURNEY—Major, M. C.

1894

\*FARR, CLIFFORD BAILEY—Major, Med. Corps.

Ex-1894

\*MILLER, MARTIN NIXON—Capt., Engrs.

\*RORER, JONATHAN TAYLOR, JR.—Y. M. C. A.

\*THOMAS, FRANK SNOWDEN—Lt., Red Cross.

1895

\*HAY, ERROLL BALDWIN—1st Lt., Artillery.

1896

\*BROOKE, MARK—Major, Engineers.

HAINES, THOMAS HARVEY—Psychological Examiner.

\*SCATTERGOOD, JOSEPH HENRY—A. R. C. and Friends'  
Reconstruction.



Grad. 1896

\*HASTINGS, WILLIAM W.—Y. M. C. A.

1897

\*HUME, JOHN ELIAS—Major, Med. Corps.

Ex-1897

\*COLLINS, ALFRED MORRIS—Major, Ordnance.

1898

\*HAINES, JOSEPH HOWELL—Reconstruction.

Ex-1898

BELL, CHARLES HERBERT—Civilian Expert, Q. M. C.

1899

\*MORRIS, JOSEPH PAUL—Y. M. C. A.

RICHIE, ELISHA ROBERTS—1st Lt., M. C.

1900

\*HALLETT, HENRY McLELLAN—1st Class Private, Med. Corps.

Ex-1900

KINGSTON, HENRY H., JR.—Sgt., N. Y. Guard.

\*MURPHY, GRAYSON MALLETT-PREVOST—Lt.-Col., Army.

SEAGER, SCHUYLER FISKE—Home Guard.

1901

SCULL, EDWARD MARSHALL—1st Lt., Milit. Intelligence.

\*WOODWARD, WILLIAM WELLINGTON—1st Lt., Surgical.

## Ex-1901

\*LANGFELD, HERBERT SIDNEY—Y. M. C. A.

## 1902

COOKMAN, ARTHUR SHIRLEY—Private, Artillery.  
 FOX, JOHN SHARPLESS—Corporal, Ill. Reserve Militia.  
 HAVILAND, JOSEPH BERNARD—Sgt., Inf., N. Y. Guard.  
 SMITH, CHARLES HARPER—Capt., Air Service (Prod.).  
 STONE, JOHN LYON—1st Lt., Inf.

## Ex-1902

\*BOYER, FRANCIS BUCKNER—Major, Red Cross and  
 Amer. Ambulance.  
 \*NEWLIN, GURNEY ELWOOD—Major, A. R. C.

## 1903

DAVIS, CHARLES WOODWARD—Capt., Q. M. C.  
 DRINKER, JAMES BLATHWAITE—Capt., Cavalry.  
 \*HODGSON, CAREY VANDERVORT—Major, Engrs.  
 \*WORTHINGTON, JOSEPH KENT—Capt., Med. Corps.

## 1904

\*CLARK, JOSEPH WOODBURN—Capt., Engrs.  
 HILLES, WILLIAM TATUM—1st Lt., Field Artillery.  
 MEGEAR, THOMAS JEFFERSON—1st Lt., Motor Transport  
 Corps.  
 \*THOMAS, JOHN ROBERTS—2d Lt., Inf.

## Ex-1904

\*PERKINS, LINDLEY MURRAY, JR.—1st Lt., Engrs.

## 1905

- DOWNING, THOMAS STALKER—Capt., Ordnance.  
 \*ESHLEMAN, BENJMAN—Capt., Chem. Warfare.  
 LEE, CHARLES SMITH—Capt., Engrs.  
 \*MURRAY, EFFINGHAM C.—Y. M. C. A.  
 SPAETH, SIGMUND GOTTFRIED—Industrial Y. M. C. A.

## 1906

- DOUGHTEN, HENRY WARRINGTON, JR.—1st Sgt., Inf.  
 HEMPHILL, ALBERT WEIMER—1st Lt., Field Artillery.  
 MONROE, JAMES —1st Lt., Chem. Warfare.  
 NAUMAN, SPENCER GILBERT—Private, Remount Service  
 \*PLEASANTS, HENRY, JR.—Major, Med. Dept.

## 1907

- \*BIRDSALL, JOSEPH COOPER—Capt. Med. Corps.  
 DODGE, IRA JACOB—1st Lt. Adj. Gen. Dept.  
 \*GUMMERE, SAMUEL JAMES—Major.  
 HAINES, WILBUR HAMILTON—1st Lt., M. C.  
 HOOVER, CHARLES RUGLAS—Chemist, Research Div.  
 \*JONES, EARNEST FULLER—Reconstruction.  
 \*MAGILL, JAMES PHINEAS—Sgt. 1st. class.  
 \*RICKS, RICHARD ARNOLD—Reconstruction.  
 \*TATNALL, EDWARD COMFORT—1st Lt., Field Artillery.  
 TATNALL, EMMETT ROBINSON—2d Lt., Air Service.  
 \*WINDLE, WILLIAM BUTLER—Major, J. A. G. Dept.

## Ex-1907

- CLAASSEN, CORNELIUS JANSEN—Private, Nebraska  
 Home Gard.  
 HAFFER, WARREN LAVERE—Lt., Inf. and Q. M. C.

## 1908

- BAILEY, FISHER CORLIES—Candidate F. A. C. O. T. S.,  
Field Artillery.
- BUSHNELL, JOSEPH, 3D—Milit. Aeronautics.
- \*CLEMENT, JOHN BROWNING, JR.—Capt., Field Artillery.
- EMLÉN, GEORGE WILLIAMS, JR.—Private, Signal Corps,  
Aviation.
- MILLER, CHARLES LICHTY—War and Navy C. T. C. A.
- \*MORRIS, WILLIAM HAVILAND, JR.—Capt., Med. Corps.
- MUSSER, FREDERIC OMAR—1st Lt., Chaplain's Corps.
- SARGENT, WINTHROP, JR.—Lt.-Col., Ordnance.

## Ex-1908

- \*KURTZ, WILLIAM WESLEY, 2D—Lt., Jr. Grade, N. R. F.
- ROGERS, CHARLES HENRY—Supply Sgt., Mach. Gun Bn.
- SMILEY, HUGH—Capt., Q. M. C.

## 1909

- DEACON, GERALD HARTLEY—1st Lt., Ordnance.
- DOAK, HENRY ANDREW—2d Lt., Inf.
- FEBIGER, WILLIAM SELLERS—C. Q. M. A., Naval  
Aviation.
- \*KITCHEN, PAUL CLIFF—Private, Anti-Aircraft Mach.  
Gun Bn.
- LEWIS, THOMAS KRAPFEL—Capt., M. C.
- \*LOWRY, ALFRED, JR.—Y. M. C. A.
- LUTZ, HOWARD MILTON—2d Lt., Ordnance Dept.
- \*MOORE, LAWRENCE CLAYTON—Capt., Med. Corps.
- PENNYPACKER, JOSEPH WHITAKER—Sgt., Inf.
- \*RAMSEY, FRANK McCracken—Major, Med. Corps.
- \*SHOEMAKER, EDWIN—Major, Dental Corps.
- STOKES, JOSEPH WARRINGTON—Ordnance.
- \*TAYLOR, FREDERICK RAYMOND—1st Lt., Med. Corps.

## Ex-1909

- \*POWELL, WILLIAM CHAMBERS, JR.—1st Lt., Med. R. C.  
WARNER, WILLIAM WETHERBY—Candidate Officers'  
Training School, Coast Artillery.

## 1910

- BRYAN, JULIAN SCOTT—Lt., Artillery.  
\*CARY, DONALD BUSH—Amer. Field Service.  
\*CADBURY, EARL SHINN—1st Lt., Air Service.  
\*DAVIS, HENRY—Reconstruction.  
EDWARDS, EARLE NELSON—1st Lt., Engrs.  
HAINES, CARROLL AUSTIN—1st Lt., Chem. Warfare.  
\*KENDERDINE, JOHN DONALD—Capt., Inf.  
\*LEWIS, HENRY CARVILL—1st Lt., A. S. A.  
MORRIS, REGINALD HOLLINGSWORTH—Private, Air  
Service.  
PHILLIPS, JOHN PHILLIPS—Capt., Ordnance Section.  
\*RISTINE, CHARLES SCOTT—1st Lt., Inf.  
TOMLINSON, WILLARD PYLE—Sgt. and Student Officer,  
Field Artillery.

## Ex-1910

- \*BAKER, PHILIP J.—Capt., British Ambulance.  
\*BRYAN, HENRY EARLHAM C.—2d Lt., British Royal Air  
Force.  
\*DEVELIN, JOSEPH CHUBB—Capt., Pioneer Inf. (1918).  
ESHLEMAN, RODNEY MERCUR—Private, 1st class, Med.  
Corps.  
FRUTCHEY, CHARLES ARTHUR—Ensign, U. S. N. R. F.  
\*JUDKINS, WILLIAM, 3D—Major, Inf.  
\*MASON, SAMUEL, JR.—Reconstruction.

## 1911

- ASHBROOK, JAMES—Ensign, U. S. N. R. F.  
 \*BOYER, DANIEL BURGHARD—2d Lt., Inf.  
 \*BRADWAY, JOHN SAEGER—Lt., Jr. Grade, Pay Corps.  
 U. S. N. R. F.  
 \*CLARK, JEFFERSON HAMER, JR.—Capt., Med. Corps.  
 HARTSHORNE, WILLIAM DAVIS, JR.—2d Lt., Mach. Gun  
 Bn.  
 \*HOBBS, RICHARD JUNIUS MENDENHALL—Friends' Service  
 Committee and A. R. C. Civilian Relief.  
 \*POST, LEVI ARNOLD—Sgt., Inf.  
 \*PRICE, JOSEPH HAINES—Sgt., Inf.  
 \*REYNOLDS, DAVID DUER—1st Lt., Med. Corps.  
 \*TOSTENSON, FREDERICK OSCAR—Reconstruction.  
 WADSWORTH, CHARLES, 3D—1st Lt.  
 \*YOUNG, WILMER JOB—Reconstruction

## Ex-1911

- \*LEVIN, EDWIN R.—Sgt., Med. Dept.  
 \*WORTHINGTON, HAROLD—1st Lt., Field Artillery.

## 1912

- \*BALDERSTON, MARK—Friends' Unit.  
 \*BEEBE, STACEY KYLE—Capt., Infantry.  
 \*BOWERMAN, ARTHUR LINDLEY—Reconstruction  
 \*BREWER, PAUL CLISBY, JR.—1st Lt., Engrs.  
 ELFRETH, J. BENINGTON, JR.—Private Milit. Aeronautics  
 FANSLER, RALPH LEE—Yeoman, 3d class, U. S. N. R. F.  
 \*FARQUHAR, FRANCIS HUNT—Reconstruction.  
 LOWRY, HERBERT MENDENHALL—Private, Chem. War-  
 fare.  
 \*MILLER, ROBERT EVERTS—2d Lt., Air Service.

- MORRIS, SYDNEY SHARP—2d Lt., F. A. R. C.  
 \*PARKER, JOHN HOLLOWELL—Anglo-Americaine de la  
 Societe des Amis.  
 \*RENNINGER, JOHN DAUB—Sgt., Hqtrs. Detachment of  
 Provost Marshal General's Office.  
 RITTS, LEONARD CHASE—Yeoman, 1st class, U. S. N. R. F.  
 \*STEEERE, WALTER HOPKINS—2d Lt., Inf.  
 THOMAS, HENRY MALCOLM, JR.—1st Lt., Med. R. C.  
 WALLERSTEIN, EDWARD, JR.—1st Lt., Inf.

## Ex-1912

- \*STURGIS, SAMUEL BOOTH—Capt., Med. Corps.  
 WETZEL, CHARLES HOWARD—Capt., Inf.

## 1913

- \*BAKER, PAUL GAY—1st class Private, Field Hospital.  
 \*CROWDER, WILLIAM SAMUEL—Reconstruction and army.  
 CURTIS, FREDERICK AUGUSTUS—Corporal, Field Artillery  
 \*DIAMENT, FRANCIS HARRAR—F. W. V. R. C.  
 GODDARD, ARTHUR HERBERT—Capt., Inf.  
 \*HALL, NORRIS FOLGER—Capt., Chem. Warfare.  
 \*HARE, WILLIAM YARNALL—Reconstruction and F. W.  
 V. R. C.  
 LUDLAM, JESSE DIVERTY—Private, Inf.  
 MAULE, EDMUND RICHARDSON—Army.  
 \*PORTER, OLIVER MOORE—Capt., Engrs.  
 TAYLOR, NORMAN HENRY—1st Lt., Med. R. C.  
 \*THOMAS, LESTER RALSTON—Amer. Friends' Reconstrucion  
 Unit.  
 \*VAN SICKLE, JOHN VALENTINE—1st Lt., Aero Squadron.  
 \*WEBB, WILLIAM—Reconstruction.  
 \*WINSLOW, GEORGE LEIPER—1st Lt., Engrs.

## Ex-1913

- \*DARLINGTON, CHARLES GOODLIFFE—Capt., M. C.  
LYCETT, TOWNSEND WHELEN—Engrs. and Chemical  
Warfare.
- \*SARGENT, GORHAM PARSONS—Sgt., Railway Engrs.  
STIEFF, FREDERICK PHILIP, JR.—1st Lt., Signal Corps.
- \*WEBER, GEORGE MINCH—1st Lt., Q. M. C.  
WILDER, DONALD—Candidate O. T. C., Heavy Artillery.  
WOOD, ADELBERT DAY—Sgt., Army.

## 1914

- \*BOWERMAN, WALTER GREGORY—Reconstruction.
- \*CLARKE, STEWART PATTERSON—Private, Field Artillery.
- \*DOWNING, GEORGE VALENTINE—Reconstruction.
- \*ELKINTON, HOWARD WEST—F. W. V. R. C.  
FERGUSON, JOSEPH COOPER, III—Sgt., Inf.  
GREEN, JESSE PAUL—Private, Inf.
- \*JONES, EDWARD MORRIS—Seaman, Merchant Marine.
- \*KELLEY, THOMAS RAYMOND—Y. M. C. A. with English  
Army.
- \*LANE, HAROLD MACY—Reconstruction.  
LEWIS, BENJAMIN JONES—Corporal, Motor Transport  
Corps.  
MCKINLEY, ROWLAND PAUL—1st Lt., Inf. and Adj.  
Gen. Dept.  
RICHARDSON, BAXTER KAY—2d Lt., Aviation.  
SMITH, ROBERT CHAPMAN—Private, Army.  
STOKES, SAMUEL EMLÉN—Med. Res.
- \*WAPLES, DOUGLAS—Ensign, Naval Aviation.
- \*WHITALL, WILLIAM HENRY BACON—Reconstruction.
- \*WILLIAMS, CHARLES RHOADS—Pay Officer, U. S. S. B.



## Ex-1914

- \*MOORE, PERCY WARREN—1st Lt., Engrs.
- SCHOEPFERLE, RICHARD JOSEPH—Sgt., Ordnance.
- \*STOKES, FRANCIS COLLINS—Garden Service of Army.
- \*STOUT, JOHN AMOS—Naval Aviation.

## 1915

- \*BAIRD, DONALD GALBRAITH—G. R. S. Q. M. C.
- BOWMAN, EDGAR MILTON—2d Lt.
- \*BRINTON, WALTER CARROLL—Reconstruction. Died in service, Dec. 12, 1918.
- \*CAREY, GALLOWAY CHESTON—Friends' Reconstruction.
- \*COLEMAN, NELSON BADER—Ensign, Pay Corps.
- \*CROSMAN, EDWARD NEWTON, JR.—Lt., Jr. Grade, Navy.
- DUNN, EMMETT REID—Ensign, Naval Reserve.
- FARR, EDWARD LINCOLN, JR.—Capt., Inf.
- \*GUMMERE, JOHN WESTCOTT—Capt., Amer. Ambulance and Red Cross.
- \*HELVESTON, HAROLD WILLIAM—Private, 1st class, Ordnance.
- HOOPES, THOMAS, JR.—2d Lt., Signal Corps.
- \*HOWSON, HUBERT ABBE—1st Lt., Field Signal Corps.
- \*MCNEILL, JOSEPH—Ambulance Driver, Amer. Field Service.
- \*MOORE, EDWIN LAWTON, JR.—Sgt., 1st class, Med. Dept.
- MORLEY, FELIX MUSKETT—Private, Artillery.
- \*NITOBE, YOSHIO—Non-com., Japanese Army.
- PHARO, EUGENE MORRIS—Army.
- \*SHAFFER, ELMER—Ensign, Hospital and Supply.
- \*TAYLOR, K. P. A.—American Ambulance.
- VAN HOLLEN, DONALD BEAUCHAMP—Ensign, Navy.
- \*VOTAW, ERNEST NICHOLSON—Reconstruction.
- WHIPPLE, PAUL KIMBALL—Private, Signal Corps.

## Ex-1915

- \*BLAIR, JOHN INSLEY—1st class Private, Medical.  
 DODGE, KARL—1st Lt., Ordnance.  
 \*KLING, EDWARD WILLIAM—Sgt., Marine Corps.  
 LOCKE, LeROY DYER—Med. R. C. and S. A. T. C.  
 MINOT, FRANCIS—Apprentice Seaman, Naval Res.  
 THEIS, GROVER CLEVELAND—Private, Engrs.  
 WATSON, EDGAR JORDAN—Army Field Clerk, Inf.

## 1916

- BRAY, WILLIAM MCKINLEY—2d Lt., Ordnance and Field  
 Artillery.  
 BUFFUM, FREDERICK CYRUS, JR.—2d Lt., A. S. A.  
 \*CAREY, JAMES, 3D—2d Lt., Artillery.  
 \*CAREY, FRANK WING—2d Lt., Air Service.  
 \*COOPER, JOSEPH ARTHUR—Friends' Reconstruction.  
 CORSON, BOLTON LANGDON—Capt., Aviation.  
 \*DUNLAP, GEORGE ARTHUR—Sgt., 1st class, Q. M. C.  
 \*ELLISON, JAMES SPRAGUE, JR.—1st Lt., Inf.  
 \*GARRIGUES, ALBERT GRAHAM—Private, Red Cross and  
 Army.  
 \*HANNUM, WILLIAM TOWNSEND—1st class Private, Med.  
 Corps.  
 HUNTER, PERRY ASHBRIDGE—Ensign, U. S. N. R. F.  
 \*JOHNSON, HENRY ALDEN—Quartermaster, 1st class,  
 Navy.  
 \*KIRK, WILLIAM THOMPSON, 3D—Lt., Navy.  
 \*KNOWLTON, HENRY EARLE—Ensign. Died in service,  
 July 13, 1919.  
 LEIDY, PHILIP LUDWELL—Quartermaster, 2d class, Navy.  
 \*LOVE, JOHN GRAY—Master Hospital Sgt., Med. Corps.  
 \*LUKENS, EDWARD FELL, JR.—1st class Private, Base  
 Hospital, M. C.

- \*MAXWELL, JOHN GORDON—Ensign, Navy.  
 MENGERT, ULRIC JOHNSON—Capt., Heavy Artillery.  
 MOON, EDWARD RANDOLPH—2d Lt., Inf.
- \*OBERHOLTZER, CHARLES HERMAN, JR.—Private, Base Hospital.
- \*SHARPLESS, FRANCIS PARVIN—Reconstruction.  
 SHIPLEY, JAMES EMLÉN—Ensign, U. S. N. R. F.
- \*STEERE, ISAAC THOMAS—Friends' Reconstruction.  
 THIERS, FRANK HARRISON—2d Lt., Air Service.
- \*WAGNER, SAMUEL, JR.—1st Lt., Field Artillery.  
 WENDELL, DOUGLAS CARY—Quartermaster, 1st class, U. S. N. R. F.  
 WINSLOW, OLIVER PARRY—2d Lt., Signal Corps.

## Ex-1916

- BANES, CHARLES HENRY, 2D—Lt., Jr. Grade, Navy.
- \*DOWNING, HENRY DRINKER, JR.—Sgt., Trench Mortar.  
 GOERKE, FRANCIS CHARLES—Officers' Training School, Dental.
- \*MARINE, JAMES SIDNEY—1st Lt., Air Service.  
 RUSHTON, KENNETH, JR.—Private, Med. Dept.

## 1917

- \*BAILY, WILLIAM LLOYD, JR.—1st Lt., Field Artillery.
- \*BROWN, CHARLES FARWELL—Friends' Unit.
- \*BROWN, EARNEST LANCASTER—Reconstruction.
- \*CHANDLER, GEORGE DONALD—Master Hospital Sgt., Med. Corps.
- \*CLEMENT, DEWITT CROWELL—1st Lt., Field Artillery.
- \*FORSYTHE, JESSE GARRETT—Reconstruction.
- \*GARDINER, WILLIAM JOHN—Private, U. S. A. A. S.
- \*GREEN, JOSEPH WARREN, JR.—2d Lt., Coast Artillery Corps.

- HALL, ALBERT WINTER—2d Lt., Signal Corps.  
 \*HOWLAND, WESTON—Reconstruction.  
 KLOCK, HARVEY—Private, S. A. T. C.  
 \*LAVERTY, MARIS ALEXANDER—1st Lt., Field Artillery.  
 \*LITTLE, WILLIAM CLARK—1st Lt., Inf.  
 \*MCKINSTRY, HUGH EXTON—A. R. C. and Friends' Service.  
 \*METCALFE, ROBERT DAVIS—1st Lt., A. R. C.  
 \*MILLER, ROBERT BOYD—Capt., Inf.  
 \*MORRIS, FRED H.—Medical Corps.  
 PAINTER, DONALD HINSHAW—2d Lt., Ordnance.  
 PRICE, EDMUND TABER—1st Lt., Inf.  
 SCHOCH, WENDELL DERINGER—Ordnance.  
 SNADER, EDWARD ROLAND—Corporal, Med. Enlisted  
 R. C. and Med. S. A. T. C.  
 SPAETH, JOHN WILLIAM, JR.—Sgt., Inf.  
 STRAWBRIDGE, JUSTUS CLAYTON—Private, Ordnance.  
 \*WHITSON, THOMAS BARCLAY—Reconstruction.  
 WILSON, JAMES GORDON—Chief Petty Officer, N. R. F.  
 YORK, HAROLD QUIMBY—Corporal, Field Artillery.

## Ex-1917

- \*BACON, LOUIS ST. JOHN—Sgt., Mach. Gun.  
 \*DARLINGTON, WILLIAM MARSHALL—Private, Marine  
 Corps.  
 \*FORMAN, HORACE BAKER, 3D—2d Lt., Aviation. Killed  
 in service, Sept. 14, 1918.  
 \*HILL, HENRY WHITMORE—Ensign, U. S. N. R. F. and  
 French Ambulance.  
 LAWRENCE, EDWIN FIELD—Master Signal Electrician,  
 Air Service.  
 LESTER, EDWARD ROWNTREE—2d Lt., A. S. A.  
 \*MOORE, GILBERT HENRY—Master Gunner, N. C. S. C.  
 A. C., Heavy Artillery.

- \*MURRAY, FRANCIS KING—Master Engineer, Jr. Grade,  
Engrs.  
PAXSON, NEWLIN FELL—Hospital apprentice, 1st class,  
N. R.  
\*PENNEY, HUMPHREY LINTHORNE—Orderly, British Red  
Cross.  
\*WELLER, HENRY SEYMOUR—Private, U. S. A. A. S., with  
French Army.  
\*ZEREGA, JOHN WHITMAN—2d Lt., Field Artillery.

## 1918

- BARRIE, ROBERT, JR.—Chief Quartermaster, U. S. Naval  
Flying Corps.  
BEESON, JOHN HENRY—Sgt., 1st class, Q. M. C.  
CARR, HERBERT JOSEPH—2d Lt., Coast Artillery.  
\*CLEVELAND, ARTHUR HORTON, JR.—2d class Engineman,  
Naval Reserve.  
\*COOPER, BENNETT SMEDLEY—Reconstruction.  
DEACON, FRANK—2d Lt., Field Artillery.  
FITTS, DWIGHT ROBERT—Candidate F. A. C. O. T. S.,  
Field Artillery.  
GILMOUR, NEIL—2d Lt., Coast Artillery.  
HAYMAN, JOSEPH MARCHANT, JR.—Private, Med. Res.  
HYNSON, MATTHEW MANLOVE—App. Seaman, U. S.  
N. R. F.  
LESTER, EVAN JONES, JR.—2d Lt., Coast Artillery.  
\*LONG, CHARLES-FRANCIS—Private, Med. Corps.  
MUSSETTER, WILLIAM—2d Lt., Coast Artillery.  
PAINTER, HERBERT JOSEPH—Army.  
\*SCHENCK, HENRY PAUL—1st class Private, Med. Detach.,  
Inf.  
TOMLINSON, ALBERT HIBBS—Private, Engrs. Res. Corps.  
WEBB, KENNETH WALDIE—Private, Chem. Warfare.

## Ex-1918

- \*ALEXANDER, JOHN WILLIAM—Top Sgt., Trench Mortar.  
BELL, HERBERT HALLOCK—Private, Chem. Warfare Gas  
Defense Div.  
COLEMAN, HENRY FREDERICK, JR.—Commanding Officer  
“W. S. S. Elfin,” U. S. N. R. F.
- \*CROSMAN, JOHN MARSHALL—2d Lt. F. A. (1920).  
\*CURTIS, STEPHEN—1st Lt., Pioneer Inf.  
\*GREER, ROBERT BRATTON—1st Lt., San. Corps (1920).  
\*HALLETT, HENRY McCLELLAN, 2D—Private 1st class  
(1920).  
\*HARDING, WILLIAM HOVER—1st class Private, Med. Dept.  
HARTMAN, LEWIS EVANS—2d Lt., C. W. S.  
HISEY, JOHN ALAN—2d Lt. (1920).  
\*HOFFMAN, WILLIAM ALEXANDER, JR.—Sgt., Med. and  
Artillery (1920).  
\*KEAY, LOUIS KENT—2d Lt., Balloon Observation.  
KENDALL, JOHN WILEY—Ensign, Naval Aviation.  
\*LE CLERCQ, JACK GEORGE CLEMENCEAU—Private, U. S.  
M. E. R. C.  
\*LOVELL, GEORGE WILLARD—Mech., Ambulance Service.  
LUSSON, LOUIS CAMILLE OLRV—Sgt., Remount.  
\*MOORE, WILLARD BROWN—Ambulance (1920).  
\*PORTER, EDWARD ARTHUR GRIBBON—2d Lt. (Honorary),  
Ambulance work with Italian Army (1919).  
\*SHARP, JOSEPH WEBSTER, 3D—2d Lt., F. A.  
\*SHIPLEY, MORRIS SHOTWELL, JR.—1st class Private,  
Med. Dept.  
\*STIEF, DAVID RALSTON—Sgt., Med. Corps.  
TABER, JOHN CLARKSON—Private, 1st class, Med. Detach.  
\*TATUM, OLIVER PARRY—Army Field Hospital and  
Friends' Reconstruction (1920).

THORNTON, PERCIVAL STOKES—2d Lt. (1920).

\*WRIGHT, WILLIAM JENKS—1st class Private—U. S. Army Ambulance Service with French Army.

## 1919

BATTEY, RICHARD THOMPSON—Private, Army.

CORSON, PHILIP LANGDON—S. A. T. C.

GRAVES, EDGAR BALDWIN—Adj. Gen. Dept. and S. A. T. C.

HAINES, HARTLEY STOKES—S. A. T. C.

MCCONNELL, THOMAS, 3D—Navy.

MILLER, RUSSEL NELSON—Navy.

STUBBS, THOMAS HODGSON—Navy.

## Ex-1919

ALDEN, HOLLIS EMERY—Ensign, U. S. N. R. F.

\*BALDERSTON, RICHARD MEAD—Reconstruction.

\*BARLOW, JOHN DENAMN—Reconstruction.

\*BAYLISS, RALPH BRADFORD—1st Sgt., Engrs.

\*BROCKELBANK, WILLIAM JOHN—Friends' Reconstruction (1920).

CALLENDER, GORDON SAMUEL—Candidate Officer F. A. C. O. T. S.

\*CHAPMAN, SAMUEL HUDSON, JR.—1st class Private, Base Hospital.

\*EARNEST, FRANKLIN MCCREARY, JR.—2d Lt., A. R. C. (1920).

\*GOODHUE, FRANCIS, 3D—1st Lt., Inf.

HARTSHORNE, CHARLES—1st class Private, Base Hospital.

\*HARTSHORN, GORDON BIRDSALL—Friends' Reconstruction, and 1st Lt. A. R. C. (1920).

HATHAWAY, NATHANIEL, JR.—Army.

\*HUBLER, GEORGE HAROLD—Master Engineer, Jr. Grade, Chem. Warfare.

- \*LIMEBURNER, FURMAN HUNTE—2d Lt., Tank Corps.  
 MORGAN, MORDECAI REEVES—Cadet, Air Service.  
 MORLEY, FRANK VIGOR—2d Lt., C. A. R. C.  
 OSLER, CHESTER ARTHUR—2d Lt., Air Service (1920).  
 \*PANCOAST, CHARLES EDWARD, 2D—Base Hospital No. 10.  
 \*SIMPSON, WILLIAM, 3D—1st Lt., Motor Transport Corps.  
 \*STAIR, PHILIP WHITNEY—1st Lt., Signal Corps.  
 \*STRAWBRIDGE, FREDERIC HEAP, JR.—Private, Field  
 Artillery.  
 TAYLOR, HAMILTON DANA—Cadet, 1st class Private,  
 A. S. A.  
 \*THOMAS, CLEAVER SHOEMAKER—Reconstruction.

## 1920

- BURRITT, ROBERT WILLIAM—S. A. T. C.  
 ELDER, LUCIUS WILLIAMS—S. A. T. C.  
 FERGUSON, EDMUND MORRIS, JR.—Navy.  
 FITTS, JOHN RUSSEL—2d Lt., Field Artillery.  
 HASTINGS, WM. FAIRBANK—S. A. T. C.  
 HOAG, GILBERT THOMAS—S. A. T. C.  
 KAMSLER, MILTON ADOLPH—S. A. T. C.  
 KEARNEY, THOMAS HENRY—S. A. T. C.  
 KNOWLTON, ALFRED DOUGLAS—Navy.  
 LEUBA, CLARENCE JAMES—S. A. T. C.  
 LYCETT, ISAAC CATE—S. A. T. C.  
 MORRIS, THOMAS EDWARD—Private, S. A. T. C.  
 MULLIN, JAMES TORBERT—S. A. T. C.  
 \*OLIVER, ALAN DOUGLAS—British Ambulance.  
 \*OLIVER, KENNETH STUART—British Ambulance.  
 \*ROBERTS, CHRISTOPHER—Capt., A. R. C. and Friends'  
 Reconstruction.  
 SILVER, FRANCIS STOKES—S. A. T. C.



- SUTTON, JAMES EDWARD—2d Lt., Field Artillery.  
 TAYLOR, WILLARD SAMUEL—S. A. T. C.  
 TOOGOOD, GRANVILLE ERNEST—S. A. T. C.  
 VAN SICKLE, SCHUYLER CURTIS—Navy.  
 WILLIAMS, JOHN STEELE—Navy.  
 \*WOOD, RICHARD REEVE—Reconstruction.

## Ex-1920

- EDMONDS, JOHN BRANSON—Navy, Wireless Operator  
 (1921).  
 \*GRIGG, HAROLD MAURICE—Private, 1st class, M. D.,  
 U. S. A. (1922).  
 \*ROGERS, JOSEPH ELLSWORTH—2d Lt., British Ambulance  
 (1921).  
 \*SMITH, EDWARD LINCOLN—Private, Inf. (1922).  
 TATNALL, HENRY RUMSEY—S. A. T. C.  
 THORPE, CLINTON CLEMENT HANCOCK—Coast Artillery.

## 1921

- ATKINSON, ROBERT—S. A. T. C.  
 BAKER, JAMES McGRANAHAN—S. A. T. C.  
 BIGELOW, CHARLES HENRY—2d Lt., Infantry.  
 CASKEY, PAUL HERBERT—S. A. T. C.  
 EWAN, STACY NEWCOMB, JR.—Navy.  
 FANSLER, THOMAS LAFAYETTE, JR.—Marines.  
 HASTINGS, ALAN WOODS—S. A. T. C.  
 HAUFF, EDMUND GUIDO—S. A. T. C.  
 HOOPES, JOHN ROBISON—S. A. T. C.  
 JEBB, WILLIAM THOMAS—S. A. T. C.  
 LONG, JULIAN SAX—S. A. T. C.  
 MACINTOSH, ARCHIBALD—2d Lt.  
 MCKINLEY, MORRISON CUSHMAN—S. A. T. C.  
 MACADAM, JOHN, JR.—R. O. T. C. and S. A. T. C.

MATZKE, DAVID ERNST—S. A. T. C.  
 MENGERT, WILLIAM FELIX—U. S. N. R. F.  
 MILLER, JOHN DELAPLANE—S. A. T. C.  
 OHL, RAYMOND THEODORE—S. A. T. C.  
 PIERCE, JAMES LAWRENCE—Chief Quartermaster, U. S.  
 N. R. F. C.  
 POWELL, AMOS ARTHUR—S. A. T. C.  
 ROBERTS, GARRETT—S. A. T. C.  
 SANGREE, MILTON HUYETT—S. A. T. C.  
 WEATHERBY, BENJAMIN B., 2D—S. A. T. C.  
 WILBUR, BERTRAND HENRY—S. A. T. C.  
 WOOD, ROBERT NEWLIN—S. A. T. C.  
 ZOOK, ALLAN—Navy.

## Ex-1921

BAILY, LIVINGSTON BOYD—Aviation Cadet, Navy.  
 \*BRINTON, CHARLES ADDISON—U. S. Air Service (1922).  
 BRODHEAD, ROBERT STAFFORD—S. A. T. C.  
 BROWN, EDWARD LYMAN, JR.—S. A. T. C.  
 BROWN, ELLIOTT WELD—A. F. R. U.  
 \*CODER, WILLIAM DICKEY—Marine Corps (1922).  
 COOPER, EDWIN NEWBOLD—Private, Med.  
 DONCHIAN, LEON PAUL—S. A. T. C.  
 GRIER, HAROLD CAULK—Midshipman, Navy.  
 HARTSHORNE, HENRY—S. A. T. C.  
 HARTSHORNE, JAMES—S. A. T. C.  
 LEE, PHILIP LEIGHTON—Aviation Cadet, Navy.  
 \*LEONARD, JOHN WILLIAM—U. S. Marines.  
 McCULLOCH, WARREN STURGIS—1st class Boatswain's  
 Mate, U. S. N. R. F.  
 \*MILLER, KARL MATZ—Milit. Ambulance (1922).  
 \*MORRIS, ELLISTON PEROT, JR.—Reconstruction.

NICHOLSON, ALFRED—S. A. T. C.

\*REITER, JOHN HARKEY—1st class Quartermaster, U. S.  
N. R. F. and Merchant Marine (1922).

ROBERTS, HARMER DENNY—S. A. T. C.

RUFFU, HENRY—S. A. T. C.

WRIGHT, MINTURN TATUM, JR.—Base Hospital No. 20.

1922

ARROWSMITH, NOEL STRYKER—S. A. T. C.

BARKER, JOHN BRYANT—S. A. T. C.

CAREY, ANTHONY MORRIS, JR.—S. A. T. C.

JANNEY, RICHARD WORTH—S. A. T. C.

KAY, DAVID ALEXANDER—S. A. T. C.

McDANIEL, DELAPLAINE—S. A. T. C.

PAXSON, CHAUNCEY GAUSE—S. A. T. C.

SAGEBEER, RICHARD GRAFFLIN—S. A. T. C.

SANGREE, NATHAN BARNITZ—S. A. T. C.

SARGENT, FREDERIC HOMER, JR.—S. A. T. C.

SILVER, WILLIAM EASTER—S. A. T. C.

SUTTON, RICHARD MANLIFFE—S. A. T. C.

TATNALL, THOMAS, JR.—S. A. T. C.

Ex-1922

MARVIN, GERALD LONGACRE—R. O. T. C.

1923

\*BROWN, HENRY TATNALL, JR.—Reconstruction.

\*MUTCH, THOMAS SANGSTER—19th London Regt., Alder-  
shot, England.

\*TEST, ALFRED LONGSTAFF—2d Lt., B. A. U., B. E. F.

Unclassified (Guest of the College).

\*FOLLIGUET, JOSEPH—2d Lt., French Army.

## BIBLIOGRAPHY AND REVIEWS.

1871

RANDOLPH WINSLOW:

*Subparietal Rupture of the Intestines from Traumatism to Reducible Inguinal Herniae.* In Transactions of the Southern Surgical Association, 1917.

*Foreign Bodies in the Stomach.* In Annals of Surgery, July, 1919.

1882

GEORGE A. BARTON:

Books and Pamphlets:

1. *The Religions of the World*, 2d ed., Revised and enlarged. Chicago, University of Chicago Press, Aug., 1919. Pp. xiv-406.
2. *Does the Bible Predict the Present War?* Chicago, University of Chicago Press, Nov., 1918. Pp. 22.
3. *The Old World and the New.* An address delivered on Thanksgiving Day, 1918. Privately printed. Pp. 14.

Articles:

1. "The Significance of Recent Events in Palestine," in *The Sunday School World*, Philadelphia, Vol. LIX, pp. 7-10 (Jan., 1919).
2. "Mohammedan and Christian Conceptions of God," being Chapter IX in J. L. Barton's *The Christian Approach to Islam*, Boston, 1918.
3. "The Meaning of the Royal Law, Matthew V, 21-48," in the *Journal of Biblical Literature*, Vol. XXXVII, pp. 54-65 (Dec., 1918).

4. "Poles and Posts" in Hastings' *Encyclopaedia of Religion and Ethics*, Vol. X, pp. 91-98.
5. "Possession (Semitic and Christian)," in Hastings' *Encyclopaedia of Religion and Ethics*, Vol. X, pp. 133-139.

Book Reviews:

1. *Religions Past and Present*, edited by J. A. Montgomery, in the *Biblical World*, Vol. LII, pp. 320, 321.
2. *Mythology of all Races*, edited by L. H. Gray, Vol. XII: *Egyptian Mythology*, by W. Max Müller, and *Indo-Chinese Mythology*, by J. G. Scott, in the *American Journal of Theology*, Vol. XXIII, pp. 369, 370 (July, 1919).
3. *Religions, Past and Present*, edited by James A. Montgomery, in the *American Journal of Theology*, Vol. XXIII, pp. 370, 371 (July, 1919).

1887

H. H. GODDARD:

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1888

WILLIAM DRAPER LEWIS:

*Life of Theodore Roosevelt.* The John C. Winston Company, Philadelphia, 1919.

1889

WILLIAM RUSH DUNTON, JR.:

*Reconstruction Therapy.* Illustrated, pp. 236. W. B. Saunders Company, Philadelphia and London, 1919.

## WARNER FITE:

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1892

## CHRISTIAN BRINTON:

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Official Illustrated Catalogue of War Paintings and Drawings by British Artists. Exhibited under the auspices of the Ministry of Information, London. With Introduction and Critical Notes. New York, January, 1919.

Catalogue of the Exhibition of Original Designs in Color for La Reine Fiammette, by Boris Anisfeld, New York, February, 1919.

Illustrated Catalogue of Alaskan Drawings, by Rockwell Kent. With Epistolary Preface. New York, May, 1919.

1893

## C. G. HOAG:

Edited the *Proportional Representation Review* (quarterly) and wrote many articles and letters on proportional representation for the Public and the New Public, the Public Ledger and other periodicals.

1896

## THOMAS H. HAINES:

Report on *The Condition of the Feeble-minded in Kentucky*, 1918. Printed by the State Commission on Provision for the Feeble-minded.

*Mental Deficiency Survey of Kentucky*. Proceedings of the American Medico-Psychological Association, June 4th to 7th, 1919.

*Group Examination for Intelligence Rating in the Army*. The Ohio State Medical Journal, January, 1919.

*Preventive Medicine as Applied to Mental Deficiency in Mississippi*. Southern Medical Journal, January, 1919.

*Mental Deficiency Law of Tennessee*. Printed for the Tennessee Society for Mental Hygiene.

## JOHN A. LESTER:

*An Unfenced Corner of the Spelling Field*. The English Journal, June, 1919.

1897

## R. C. McCREA:

*Price-Bidding in War Times*. Chemical and Metallurgical Engineering, July 15, 1918.

*Commercial Training for the Consular Service*. Columbia University Quarterly, September, 1919.

1898

## WILLIAM WARDER CADBURY:

*The 1918 Pandemic of Influenza in Canton, China*. Bulletin 22. Canton, China.

1899

## F. K. WALTER:

*Periodicals for the Small Library.* Chicago, American Library Association, 1919, 2d edition, 1918, 47 p. D. 3d edition, 1919, 47 p. D.

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1901

## HERBERT S. LANGFELD:

1. Text-Books and General Treatises. *Psychological Bulletin*, January, 1918.



2. Text-Books and General Treatises. Psychological Bulletin, January, 1919.

3. Proceedings of the Twenty-sixth Annual Meeting of the American Psychological Association. Psychological Bulletin, February, 1918.

4. Proceedings of the Twenty-seventh Annual Meeting of the American Psychological Association, Psychological Bulletin, February, 1919.

5. "Psychology." American Year Book, 1918.

6. "Psychology." American Year Book, 1919.

7. Synaesthesia. Psychological Bulletin, April, 1919.

8. The Judgment of Emotions from Facial Expressions. Journal of Abnormal Psychology, August, 1918.

9. Judgment of Facial Expression and Suggestion. Psychological Review, November, 1918.

10. Psychological Tests as yet Inadequate. Harvard Crimson, February 7, 1919.

11. Psychology aided in War. Harvard Crimson, January 17, 1919.

12. Entrance Examinations and Mental Tests. Harvard Alumni Bulletin, March 13, 1919.

## 1902

RICHARD M. GUMMERE:

*The Modern World and the Latin Classroom.* The Nation, January 4, 1919.

*Volume II of Seneca's Epistles.* Translated. Wm. Heinemann, London, and Putnam, New York. Loeb Classical Library.

A. G. H. SPIERS:

*Rostand as Idealist.* Columbia University Quarterly, April, 1918, pp. 155-169.

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*Molière and Corneille.* Modern Language Notes, December, 1918, pp. 501-503.

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*Romain Rolland's Return to Fiction.* The Review, August 30, 1919.

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CHARLES WHARTON STORK:

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1908

C. K. DRINKER, M.D.:

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*The Occurrence, Course and Prevention of Chronic Manganese Poisoning.* (With D. L. Edsall, M.D., F. P. Wilbur, M.D.) Journal of Industrial Hygiene, August, 1919, vol. 1, pp. 183-193.

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1909

REYNOLD A. SPAETH:

*The Problem of Fatigue.* Journal of Industrial Hygiene, Vol. 1, No. 1, May, 1919.

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1910

CHRISTOPHER MORLEY:

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*Mince Pie.* New York, 1919.

1910

JAMES WHITALL:

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1913

JOSEPH M. BEATTY, JR.:

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*Johannes de Chause Hauberger.* Modern Language Notes, Vol. XXXIV, No. 6.

*The Redman Family of Philadelphia.* Pennsylvania Magazine of History and Biography, Vol. XLIII, No. 171.

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1914

LEONARD B. LIPPMANN:

*Preludes.* With an Introduction by Edmond  
Rostand. Erskine Macdonald, Ltd., London, 1919.

1915

EMMETT R. DUNN:

*Ambystom Opacum at Florence, Massachusetts.*  
Copeia, 70, June 23, 1919, pp. 51-52.

*Clemmys Muhlenbergi at Lake George, New York.*  
Copeia, 72, August 15, 1919, p. 68.

GROVER THEIS:

*Numbers and other One-Act Plays.* Nicholas L.  
Brown, New York, 1919.

ISAAC SHARPLESS:

*Political Leaders of Provincial Pennsylvania,* by  
Isaac Sharpless, President of Haverford College,  
1887-1917. New York, The Macmillan Company,  
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Those who have read President Sharpless's historical works on early Pennsylvania history must have often wished to know more of the characters which so often came upon the scene. In this volume recently published, several of the most interesting and influential worthies are depicted more fully, and the reasons for their actions and the principles which

guided them are more amply set forth. They are described with a sympathetic pen and yet one which does not hesitate to point out weaknesses, or even to see the humorous side. Eight prominent men covering the whole colonial period have been chosen, and so to a considerable extent this volume is a biographical history, chiefly from the political side, of Pennsylvania's colonial period. It is almost needless to say that no other book of the kind from such a point of view has ever been written. The men chosen are William Penn, Thomas and David Lloyd, James Logan, John Kinsey, Isaac Norris, James Pemberton and John Dickinson. Besides these essays, there is an Introduction of nineteen pages, and a full Index.

Probably most readers of the HAVERFORD COLLEGE BULLETIN are familiar with the author's style and method of approach, and so will find in this volume the same directness of statement, and unadorned language that is characteristic. As all the men treated of are Friends or very closely connected with them, the volume will doubtless be most interesting to Friends, but the treatment is in no way biassed, and the shortcomings are dwelt upon just as fairly as the virtues. It is well that the great "Quaker experiment in government" should have not only a history but also these biographical studies which throw so much additional light upon a most interesting period of American Colonial history.

It hardly seems needful to call attention to any particular essay but one can hardly read that on David Lloyd without feeling his character and career had a special attraction for the author. To anyone

who wishes to know the principles which governed the Quaker rulers and population, their aims, methods, and ideals, the admirable "Introduction" is commended. A careful reading of this chapter should do away with many common misconceptions.

A. C. T.

1882

GEORGE A. BARTON:

*Archeology and the Bible.* Philadelphia, 1916.  
xiii + 461 pp. + 114 plates.

George A. Barton is a scholar whose productivity is notable for range and value. He was asked a few years ago by the American Sunday School Union of Philadelphia to prepare for more general use a volume on the illustrative data which Oriental Archeology offers to students of the Bible. The work has appeared with the aid of a subsidy from the John C. Green Fund. It is a digest of the most important information which has been gathered during the last century of Oriental research bearing on the history, customs and thoughts of the peoples of Bible times. The exploration of Eastern lands has been summarized, and the significance of their history and monumental remains made plain.

Part I describes the historical development of the leading countries about Palestine and the salient features of Palestinian research. Thus we have sketches of Egypt, Babylonia, Assyria, Hittite-land and Palestine from the viewpoint of the explorers, clear reviews of social customs, business and worship, with special descriptions of the more important Biblical cities, beginning with Jerusalem. In Part II

the actual documents on stone, clay and papyri which give textual illustration of the biblical literature, are translated and their particular bearing on the Bible is given. For example, there is an extended discussion of the comparisons of the laws of the Pentateuch with those found in the great code of Hammurabi. The early conditions in Palestine are illuminated by extracts from letters written from Palestine to the Egyptian Court (the Tell el-Amarua letters) and by vivid tales from the story literature of Ancient Egypt. Old Testament times are illustrated from the Assyrian monumental inscriptions, and the few inscriptions found within Palestine itself, such as the Moabite Stone and the Siloam record. The Psalms, prayers, and the wisdom literature of the surrounding peoples are compared with the Hebrew examples. Over one hundred plates of half-tone engravings show places, temples, tombs, utensils, roads, coins and much other data illustrative of the Old and New Testament.

E. G.

**WILLIAM DRAPER LEWIS, PH.D.:**

*The Life of Theodore Roosevelt*, by William Draper Lewis, Ph.D. (Haverford, '88). Introduction by William Howard Taft. Illustrated. Chapters XXX, pp. xxiv-474. The John C. Winston Company, 1919.

In the last third of this volume in praise of Theodore Roosevelt may be found Dr. Lewis's real contribution to the written record of "the most commanding, the most original, the most interesting, and most brilliant personality in American public life since Lincoln." In the chapters, *The Fight for the Nomination in 1912*,



*The Founder of a New Party, Political Career after 1912*, also in the chapter, *Life at Sagamore Hill*, the author writes from personal knowledge. It is true that Dean Lewis could hardly be expected "to escape the influence of his great personal affection for Theodore Roosevelt," to quote another of Mr. Taft's phrases; also that every one may not accept all of his conclusions. Nevertheless, his close association with the Ex-President, his intimate knowledge of his aims and of the issues involved in 1912 and later, placed a duty on Dr. Lewis which he has well fulfilled, of giving the public the benefit of the opportunity and the privilege which he enjoyed. There is, of course, much that is interesting in the earlier chapters. One might wish, however, not speaking in dispraise, that Dr. Lewis had chosen one of but two alternatives: either to limit his work at this time to an account of Colonel Roosevelt as he knew him, and of the issues in which he was engaged with him; or, intending to write the story of Roosevelt's life, to take the time to seek and draw from many of the other sources of first-hand information as well as "his own books and articles," and thus make a whole volume more nearly equal in value to the chapters of the present publication which are to be so particularly commended.

P. S. W.

WILLIAM RUSH DUNTON, JR.:

*Reconstruction Therapy*, by William Rush Dunton, Jr., M.D. Illustrated, 236 pp. W. B. Saunders Company, Philadelphia and London, 1919.

This volume is a vademecum designed for those

engaged in occupational therapy. The text is supplemented by an extensive bibliography. "Occupation" as used in this book covers amusements, athletic games, exercises, crafts, trades and miscellaneous indoor and outdoor employments. The use of artificial limbs and other appliances is discussed as an aid in restoring some degree of economic efficiency to wounded soldiers or to the victims of industrial accidents (hence "reconstruction"). As the author points out, occupations, useful or otherwise, have long been used in the treatment of nervous and mental cases to divert the mind into more normal channels or to improve physical health, and similarly in paralyses and deformities to improve function. More recently exercises and occupation have been found useful in heart disease, pulmonary tuberculosis, etc. The war with its insistent reconstruction problems has only emphasized a subject which has been and still is too much neglected.

The following principles of treatment are suggested by Dr. Dunton (p. 229):

1. That work should be carried on with cure as the main object.
2. The work must be interesting.
3. The patient should be carefully studied.
4. That one form of occupation should not be carried to the point of fatigue.
5. That it should have some useful end.
6. That it preferably should lead to an increase in the patient's knowledge.
7. That it should be carried on with others.

8. That all possible encouragement should be given to the worker.

9. That work resulting in a poor or useless product is better than idleness. C. B. F.

CHRISTIAN BRINTON:

Christian Brinton ('92) has prefaced two volumes of collections of pictures and has most generously added them by gift to the College Library. In one, we find war paintings and drawings by British artists. Dr. Brinton's illuminating introduction tells England's story of the war as told by her artists. Every picture has great present interest, and the collection will have an enhancing value. To those who carry on parallels, the main figure in No. 67, "The Gun," by Frank Brangwyn, the recollection of Le Braconnier, by Millet in the Vanderbilt Gallery in the Metropolitan Museum, will come; and the piteous "Captive," by Colin W. Gill, No. 79, is own brother to Lord Madox Brown's "Emigrant."

The other book takes us to an enigmatic, a clouded world,—Russia. Dr. Brinton introduces us to that "symphonic fantasist," the Russian artist, Boris Anisfeld. We are wild to see the colors behind the grey, black and white half tones, most excellent as they are. How much of blue is under the clouds in "Clouds over the Black Sea?" What red overflows the charger on which John the Baptist's head lies in "Salome?" Is the fruit in the Garden of the Hesperides really golden? We may have an opportunity to see for ourselves, as this collection of paintings may, and we hope will, be exhibited in Philadelphia.

R. T. C.

1902

CHARLES WHARTON STORK:

*The Lyrical Poems of Hugo von Hofmannsthal.*  
Translated from the German with Introduction by  
Charles Wharton Stork. Yale University Press, 1918.

That the American public owes a constantly increasing debt of gratitude to Dr. Stork there can be scant question. A pronounced internationalist in his literary affiliations, he has given us in rapid succession translations of the racy Swede, Gustaf Fröding, and *An Anthology of Swedish Lyrics*, and now comes his English version of *The Lyrical Poems of Hugo von Hofmannsthal* with biographical and critical introduction.

In von Hofmannsthal Dr. Stork is confronted with different material from that which obtains in the Scandinavian Peninsula. The Austrian's sympathies are distinctly southern, are what Nietzsche aptly diagnosed as Mediterranean. A patrician detachment from the realities of quotidian existence and a persistent phase of soul culture will be found in each of these carefully wrought little lyrics, which, in spirit and form, are fundamentally neo-classic, for von Hofmannsthal belongs to that chaisic coterie of Continental men of letters whose inspiration is scholastic and retrospective as frankly sensuous. One of them, Gabriele d'Annunzio, heroically broke the spell of a passionate subjectivity and flew, as it were, right into the face of the sun, but such clairvoyance has not been vouchsafed to all.

Like the decorative panels of his fellow townsman, Gustav Klimt, which are annually seen at the Vienna

Kunstschan, the lyrics of von Hofmannsthal are delicately felt and exquisitely phrased. The man's power of projecting his personality is magical, and each of these brief soul murmurs—they are too subdued and full of tender *morbidezza* to be called songs—is well nigh perfect in craftsmanship. There is indeed nothing comparable to them in contemporary Teutonic literature.

While I cannot feel with Dr. Stork that the lines of commemoration on the death of the mighty German-Swiss symbolist painter, Arnold Böcklin, rise to requisite heights, the comments on the poems are in the main admirable, and the introduction suggestive and helpful to a welcome degree. The actual translation of the lyrics, while in certain instances fairly free, has been achieved with tact and felicity, and it merely remains again to congratulate Dr. Stork upon having won fresh honors in the dual rôle of poet and scholar.

C. B.

*Sweden's Laureate.* Selected Poems of Verner von Heidenstam. Translated from the Swedish with an Introduction by Charles Wharton Stork, Yale University Press, 1919.

The present volume, dedicated to Richard Mott Gummere, 1902, is the fourth of the series in which Wharton Stork, '02, has introduced the best of modern Swedish poetry to English-speaking readers. Verner von Heidenstam, winner of the Nobel Prize for Literature in 1916, is a poet of universal appeal. As a traveler and a voluntary exile in his youth he portrayed with great charm the beauty and wisdom

of the Orient; in subsequent years of melancholy and seclusion he depicted with vivid simplicity his searchings of soul; and finally in later years with a cosmopolitan perspective he arose as the patriot mentor of Sweden. In his Introduction Mr. Stork sets forth clearly and convincingly the value of the modern movement in Swedish poetry and the position of von Heidenstam in this movement.

D. P. L.

18 D '20

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HAVERFORD COLLEGE,  
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# HAVERFORD COLLEGE BULLETIN

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TENTH MONTH, 1919

No. 3

**Reports of the President of the College  
and Treasurer of the Corporation  
1918-1919**



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THE CORPORATION  
OF  
HAVERFORD COLLEGE

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REPORTS OF  
PRESIDENT OF THE COLLEGE  
TREASURER OF THE CORPORATION

*PRESENTED AT THE ANNUAL MEETING*

TENTH MONTH 14TH, 1919

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THE ZIEGLER PRINTING CO., INC.  
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1919-1920

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\* The Faculty list is arranged in four groups: professors, associate professors, assistant professors, and instructors. To these are added the assistants in instruction. In each group the names occur in the order of seniority in the Faculty.

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Assistant in Physics

MILTON HAMMOND STANSBURY, A.B.  
Assistant in English

## PRESIDENT'S REPORT

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The Report presented at this time last year anticipated an abnormal year in conditions affecting education. These anticipations were fully realized. The college opened with 65 undergraduates and with a depleted faculty. Under the circumstances our desire was to do the most for the development of the few students who had resorted to us. Throughout the fall a more inclusive system of physical exercise and drill was undergone by the entire student body. There were no changes in the curriculum, except that the courses in Navigation and Wireless Telegraphy proved to be popular.

If the war had continued the college would have been further depleted during the year. But, as a result of the Armistice, the Student Army Training Corps, which had been installed in practically all the colleges for men in the United States, was gradually disbanded, and after Christmas our former students began to return. Still more came back at the mid-year period, and during the second term we had 125 undergraduates—about twice the number with which we opened in the fall.

College has opened this year with an attendance of 203. There are 56 Freshmen; 9 new men have entered with advanced standing from

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other colleges, and many of our old students are resuming their studies after the cessation of war time activities.

It may be here stated as a result of research undertaken by the college office that Haverford was represented in the United States Army and Navy by 337 men, and in the work of the American Friends' Service Committee by 54 men who served abroad. A very gratifying number of Haverfordians proved their ability by securing commissions in the armed forces or by filling positions of trust and responsibility in the Reconstruction work in France.

The Faculty has changed somewhat since the last report.

An inestimable loss has been incurred in the death of Dr. F. B. Gummere on 5th month 29, 1919. For thirty years his scholarship had lent distinction to the college which was his by birthright, by adoption and by a steadfast devotion. To a generation of Haverfordians he has bequeathed the memory of a charming personality and a ripe scholarship compounded of grace and authority, which his old scholars will ever regard it as their privilege to have shared.

The following Minute was adopted by the Board of Managers:

"Since our last meeting Haverford has lost through the sudden death of Francis B. Gummere on 5th month 29, 1919, the oldest member of its faculty and its most distinguished scholar.



## PRESIDENT'S REPORT

Through him Haverford students have had the inestimable advantage of having scholarship interpreted by an extraordinarily inspiring personality. He was a truly great teacher, a lover of humanity's noblest expression in literature who knew how to make his students see and admire what he found worthy. It is with great thankfulness we note the impress which his unique personality has stamped on Haverford, and with a profound sense of loss that we record his death. To some of us he has been neighbor and co-worker, to some the beloved teacher, to all a valued friend."

Dr. Henry J. Cadbury, Associate Professor of Biblical Literature and of Greek, has resigned to accept a lectureship in New Testament Greek in Andover Theological Seminary.

The following professors who were absent part or all of last year have returned: Professors Babbitt, Lunt, Palmer, Rittenhouse. After war service Dr. Meldrum has been reappointed as Assistant Professor of Chemistry; and L. Arnold Post, as Instructor in Greek. On account of larger classes in certain departments, Arthur W. Bull, of Cornell, has been appointed Instructor in Chemistry; George E. Davis, of Cornell, assistant in Physics; and Milton H. Stansbury, of Brown University, assistant in English.

During the summer the equipment of the Physics and Biology Departments has been transferred to the new quarters provided in

## HAVERFORD COLLEGE

Sharpless Hall. This occasion was taken to buy appropriate furnishings and some needed apparatus for the new hall to the extent thus far of about \$9,000. This amount, plus an unexpended balance, was subscribed by forty friends and Alumni of the college, and includes a gift of \$2,165 from the class of 1893, in recognition of its 25th anniversary. With praiseworthy spirit, which may well serve as an example to others, the class of 1893 made this gift without stipulation concerning its use; the Board voted to apply it to the above mentioned purpose. The space on the second floor of Founders Hall recently used for Laboratories has, in part, been converted into dormitory accommodations for ten more students, thus restoring this part of the building to its original use.

During the year the following welcome gifts have been received:

From Maria C. Scattergood \$30,000 to constitute a fund, the income of which is to be available for general purposes, in memory of her son, the late Arnold Chase Scattergood, formerly a member of the class of 1919.

Under the will of Mary Hickman Garrett the sum of \$25,000, to constitute a memorial to her husband, the late Albin Garrett, of the class of 1864.

From Francis J. Stokes, of the class of 1894, \$5,000, the income of which is to be used for the development and beautifying of the campus.

## PRESIDENT'S REPORT

In accordance with the wish of the donor, the Board decided that this fund should be known as "The Francis Stokes Fund," in memory of Francis Stokes, of the class of 1852, and a Manager of Haverford from 1885 until his death in 1916.

From Harold and Charlotte C. Peirce the sum of \$600, the income of which shall be given as a prize, to be called "The George Peirce Prize in Chemistry or Mathematics." This prize is in memory of the late Dr. George Peirce, of the class of 1903.

From W. L. Stevenson a valuable collection of Cryptogamic Fungi, and a considerable library on this subject, together with some valuable books on general science—the same to be known, in honor of the donor's father, as "The Collection of William C. Stevenson, Junior, of Philadelphia."

From Walter Wood, of the class of 1867, an Analemmatic Sundial, of fine workmanship, which has been affixed to the front wall of Founders Hall.

From Amelia M. Gummere and her sons several hundred volumes on early and modern English Literature, chiefly of a technical character, the same having formed part of the library of the late Professor F. B. Gummere.

During the year the attention of the Board has been directed to the question of Faculty salaries. Though the salaries at Haverford have in the past been comparatively generous,

## HAVERFORD COLLEGE

yet no increase whatever has been granted to meet the higher cost of living since 1914. Every member of the Faculty has felt the shrinkage of his resources, and, in some cases, direct hardship, with a natural lowering of efficiency, has resulted. Most of the first-class institutions in the country have plans on foot to meet this serious situation by a permanent increase of salaries, ranging from 10 to 50%.

The Board has approved a bonus for the year 1918-19, ranging from 4 to 12%, hoping thus to offer some temporary relief. Under the conditions existing at Haverford a flat increase of 20% might prove satisfactory to those most concerned. But even this increase would call for \$15,000 a year, or an increase of \$300,000 in our endowment. It might be possible to raise \$15,000 a year for some years to tide over the present emergency, should it prove to be only temporary; but a wiser financial policy calls for a substantial increase of our endowment in the immediate future. It is believed that our Alumni and friends, when once aroused to the present tendencies in academic circles, will not wish to fall behind in the more generous recognition of the teaching profession which is contemplated throughout the country.

It has been recently felt by some that it would be an advantage to associate our growing body of influential Alumni more intimately with the management of the college. Accordingly, the Board addressed to the Alumni

## *PRESIDENT'S REPORT*

Association upon the occasion of the last annual meeting an invitation to appoint a conference committee which should meet with the Executive Committee of the Board at least once or twice a year, with the object of creating an orderly method by which the views of the Alumni may be presented to the Board from time to time. And, further, the Alumni Association was invited to appoint one representative to sit with the Board of Managers at its regular meetings and take part in discussions, but not to have a vote.

The invitation was cordially received and promptly acted upon, with the result that an Advisory Council of seven Alumni members has been appointed by the President of the Alumni Association, which shall meet at regular intervals with the Executive Committee of the Board to consider matters touching the welfare of the college, to make appropriate recommendations to the Board at its meetings and participate in discussion, but shall not vote. It is believed that this opportunity to come in direct contact with the Alumni through their accredited representatives will prove of value in distributing more widely a feeling of responsibility for the proper development of the college.

For some years the maintenance of a large herd of cows on the college farm has proved a costly investment. After careful consideration the Property Committee last spring dis-

## HAVERFORD COLLEGE

posed of the herd and some dairy implements by public sale at a satisfactory price. At the same time it was felt that the whole treatment of the farm property could be more profitably considered in connection with the demands of the campus proper. To this end sanction was given for the appointment of a General Manager of the entire physical property of the college, including the superintendence of the farm, campus, power plant, maintenance and repair of buildings. William H. Collins, feeling that he could not undertake such a heavy task and asking rather that he be relieved of his arduous duties as Superintendent of Grounds and Buildings, the time seemed to have come to concentrate in the hands of one man the duties formerly shared by two. At the last meeting of the Board the appointment of Robert J. Johnston was confirmed as General Manager of the college property, to enter upon his duties Eleventh month 1, 1919.

No one familiar with the services of William H. Collins during the last twenty-five years would wish to see him terminate his active share in the management of the college without expressing deep appreciation of his efficiency and loyalty to the interests of the college. Only the most scrupulous attention to details could enable him to decide wisely what expenses were expedient and what were not justified in his domain. Formerly charged with the instruction in Astronomy and with the

## PRESIDENT'S REPORT

direction of the Observatory, he has for many years devoted all his time to untiring care of the grounds and buildings, and has thereby rendered a service which mere money could not have secured, but which has been given rather by a loyal Alumnus devoted to the welfare of his Alma Mater.

The report of work done at the Morris Infirmary for the year 1918-19 is as follows:

Total number of cases admitted to the Infirmary	33
Average number of days spent by each patient in the Infirmary .....	6.2
Number of cases treated in the Dispensary.....	218
Total visits to the Dispensary .....	423

During the year ending ninth month 30th, 1919, there were added to the library 2,852 volumes, of which 1,948 were bought, 317 were gifts from various persons, and 399 were periodicals and pamphlets bound, and 188 were from the United States Government "on deposit," making the total number of volumes in the library at the above date 78,056

During the year 7,852 volumes were withdrawn for use outside the building. Of this number 4,034 (including "overnight books") were withdrawn by students, 2,499 by members of the faculty and others connected with the college, and 1,320 by residents on the college grounds and others.

The following lectures outside of the regular course have been given during the year:

HAVERFORD COLLEGE

*Haverford Library Lectures:*

"Old Faiths and a New World," by Dr. Albert Parker Fitch, of Amherst College.

12th mo. 3d and 5th, 1919.

*Thomas Shipley Lecture:*

"Burns Once More," by President William A. Neilson, of Smith College.

4th mo. 7th, 1919.

"The Immigration and the Social Unrest," by Dr. Edward A. Steiner.

4th mo. 11th, 1919.

"Americanization: A Protest and a Program," by Dr. Edward A. Steiner.

4th mo. 17th, 1919.

*Other Lectures:*

"Occupational Therapy," by Mrs. Frederick W. Rockwell. Under the auspices of The Main Line Citizens' Association.

1st mo. 29th, 1919.

"The Laughing Muse," by Tom Daly.

2d mo. 28th, 1919.

*Miscellaneous:*

Junior Night.

5th mo. 2d, 1919.

Commencement Day. Commencement Exercises in Roberts Hall, with address by Dean Frank Thilly, Professor of Philosophy in Cornell University.

6th mo. 13th, 1919.

The Graduate School opens this year with seven resident students and four others who attend certain classes. They seem to be competently trained to take advantage of the instruction offered.

In addition to five members of the College



## *PRESIDENT'S REPORT*

Faculty, Dr. Hugh Hartshorne, of Union Theological Seminary, is giving a course in Religious Education. Other lectures on special subjects will be engaged later in the year.

The liberal construction of the Trust made by the Board will make it possible to enlarge the scope of the work so as to include special investigation and publications on subjects relating to Friendly history and ideals. In this way it is hoped that the school may become a center of Quaker scholarship not only for formal students but for intellectual work of high order which will advance the causes Friends have had at heart and their legitimate development into the problems of modern life. Suggestions along this line will be welcomed by the Dean.

PUBLICATIONS OF THE FACULTY  
1918-1919

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BABBITT, JAMES A.—Medical reports in France and Germany.

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HAVERFORD COLLEGE

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SUMMARY OF THE ACCOUNT  
 J. HENRY SCATTERGOOD, Treasurer  
 OF  
**THE CORPORATION OF HAVERFORD COLLEGE**

For the Year ending Eighth Month 31st, 1919

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RECEIPTS

Income from Funds for General Purposes:

General Endowment Fund.....	\$4,938.81
John Farnum Memorial Fund.....	1,938.99
John M. Whitall Fund.....	473.02
David Scull Fund.....	2,014.86
Edward L. Scull Fund.....	559.79
Wistar Morris Memorial Fund.....	247.31
Israel Franklin Whitall Fund.....	584.19
Jacob P. Jones Endowment Fund.....	56,734.42
John Farnum Brown Fund.....	11,406.69
Ellen Waln Fund.....	513.48
Clementine Cope Endowment Fund.....	1,072.55
Nathan Branson Hill Fund.....	10.16
Joseph E. Gillingham Fund.....	2,521.06
Henry Norris Fund.....	231.47
Elizabeth H. Farnum Fund.....	494.21
James R. Magee Fund.....	422.57
Albert K. Smiley Fund.....	44.80
Walter D. and Edith M. L. Scull Fund.....	5,629.91
Albin Garrett Memorial Fund.....	341.67
	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/>
	\$90,179.96

Income from Fund for Thomas Wistar Brown Graduate School:

Moses Brown Fund.....	16,270.34
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## TREASURER'S REPORT

<b>Income from Funds for Morris Infirmary:</b>		
Infirmary Endowment Fund.....	\$455.25	
John W. Pinkham Fund.....	222.88	
		\$678.13
<b>Income from Funds for Scholarships:</b>		
Thomas P. Cope Fund.....	\$277.65	
Edward Yarnall Fund.....	311.70	
Isaiah V. Williamson Fund.....	977.35	
Richard T. Jones Scholarship Fund.....	256.21	
Mary M. Johnson Scholarship Fund.....	378.56	
Sarah Marshall Scholarship Fund.....	351.25	
Clementine Cope Fellowship Fund.....	1,144.44	
Isaac Thorne Johnson Scholarship Fund..	247.25	
		3,944.41
<b>Income from Funds for the Library:</b>		
Alumni Library Fund.....	\$821.67	
Mary Farnum Brown Library Fund.....	3,559.43	
William H. Jenks Library Fund.....	245.00	
Mary Wistar Brown Williams Fund.....	901.59	
Anna Yarnall Fund.....	397.76	
		5,925.45
<b>Income from Funds for Pensions:</b>		
President Sharpless Fund.....	\$2,007.48	
William P. Henszey Fund.....	1,794.52	
Jacob P. Jones Benefit Fund.....	3,149.15	
Pliny Earle Chase Memorial Fund.....	214.31	
Haverford College Pension Fund.....	2,625.69	
		9,791.15
<b>Income from Funds for Special Purposes:</b>		
Thomas Shipley Fund.....	\$229.50	
Elliston P. Morris Fund.....	46.75	
Special Endowment Fund.....	490.00	
Elizabeth P. Smith Fund.....	45.38	
Scholarship Improvement Prize Fund.....	98.00	
Hinchman Astronomical Fund.....	497.50	
S. P. Lippincott History Prize Fund.....	98.00	
Francis Stokes Fund.....	98.98	
		1,604.11
<b>Total Income from all Funds.....</b>	<b>\$128,393.55</b>	

*HAVERFORD COLLEGE*

Income from College Sources:

Board and Tuition—	
Cash .....	\$44,984.54
Scholarships and Fellowships	9,150.00
	\$54,134.54
Board and tuition for 1919-1920.....	2,805.00
Board of professors.....	1,169.00
Rents .....	4,664.32
Infirmary .....	627.55
Library .....	55.50
Chemical laboratory .....	247.78
Physical laboratory .....	44.77
Skating pond .....	201.60
Stationery .....	853.32
	\$64,803.38
Receipts for account of previous years.....	611.35

Donations:

For Isaac Sharpless Hall.....	\$2,195.00
Isaac Sharpless Hall Equipment.....	6,200.00
Class of 1893 Fund.....	2,165.00
Library .....	60.00
Tree Fund .....	130.49
New York State Scholarship.....	40.00
German-American Scholarship .....	400.00
American University Union in Europe Haverford membership.....	100.00
Special Salary Bonus for Professors	2,625.00
Arnold Chase Scattergood Memorial Fund accrued income donated and appropriated for Special Salary Bonus for Professors .....	1,668.10
George Peirce Prize.....	25.00
Prizes .....	55.00
Deficit .....	2,525.00
	18,188.59



## TREASURER'S REPORT

### Additions to the Funds:

Jacob P. Jones Endowment Fund.....	\$563.65
Anna Yarnall Fund.....	80.00
Albin Garrett Memorial Fund (new).....	25,000.00
Francis Stokes Fund (new).....	5,000.00
Arnold Chase Scattergood Memorial Fund (new) .....	30,000.00
George Peirce Fund (new).....	600.00
	\$61,243.65
Income credited to Contingent Account.....	1,460.01
Money borrowed temporarily.....	135,350.00

### Investments Realized:

General Endowment Fund.....	\$8,000.00
Alumni Library Fund.....	550.00
Isaiah V. Williamson Fund.....	3,000.00
John Farnum Memorial Fund.....	1,000.00
Richard T. Jones Scholarship Fund.....	3,900.00
David Scull Fund.....	1,250.00
Edward L. Scull Fund.....	2,000.00
Mary Farnum Brown Library Fund.....	1,000.00
Jacob P. Jones Endowment Fund.....	49,300.00
President Sharpless Fund.....	20,900.00
Jacob P. Jones Benefit Fund.....	5,750.00
Haverford College Pension Fund.....	4,000.00
Infirmary Endowment Fund.....	750.00
Mary Wistar Brown Williams Library Fund .....	1,000.00
Walter D. and Edith M. L. Scull Fund.....	1,800.00
	104,200.00
 Balances Eighth Month 31st, 1918:	
In President's hands.....	\$3,541.33
In Treasurer's hands.....	1,444.96
	4,986.29
	\$519,236.82

## HAVERFORD COLLEGE

### EXPENDITURES

#### Expenses of running the College:

Salaries .....	\$72,132.33	
Provisions .....	20,805.27	
Wages .....	15,403.09	
Family expenses and furniture.....	3,179.39	
Fuel and lights.....	11,952.32*	
Lawn and garden.....	5,080.66	
Infirmary .....	1,374.78	
Library .....	109.93	
Biological laboratory .....	87.09	
Machine shop and drawing room.....	296.84	
Gymnasium and athletics.....	3,310.85	
Printing and advertising.....	1,665.93	
	\$135,398.48	
Repairs and improvements.....	5,956.95	
Farm .....	1,628.03	
New teacher's cottage on College Avenue, completed	152.53	
Interest .....	\$5,879.54	
Taxes .....	5,469.24	
Insurance .....	8,081.42	
Incidentals .....	522.70	
	19,952.90	

#### For Thomas Wistar Brown Graduate School:

Expenses other than salaries from income of Moses Brown Fund .....	6,973.94
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Total expenses of running the College.....\$170,062.83

#### For Scholarships and Fellowships:

From income Thomas P. Cope Fund.....	\$250.00
From income Edward Yarnall Fund.....	400.00
From income Isaiah V. Williamson Fund	1,350.00
From income Mary M. Johnson Scholar- ship Fund .....	550.00
From income Sarah Marshall Scholar- ship Fund .....	350.00

\* This is in addition to \$5,520.99 for coal bought in advance and paid for in previous year.

*TREASURER'S REPORT*

From income Clementine Cope Fellowship Fund .....	950.00	
Jacob P. Jones Endowment Fund.....	4,600.00	
Joseph E. Gillingham Fund.....	700.00	
		\$9,150.00
 Expenditures from Library Funds:		
Books, etc., from income Alumni Library Fund .....	\$1,119.31	
Books, etc., from income Mary Farnum Brown Library Fund.....	3,602.81	
Lectures from income Mary Farnum Brown Library Fund.....	250.00	
Books, etc., from income William H. Jenks Library Fund.....	357.25	
Books, etc., from income Mary Wistar Brown Williams Fund.....	1,263.35	
Books from income Walter D. and Edith M. L. Scull Fund.....	155.01	
Taxes from income Anna Yarnall Fund..	370.78	
		7,118.51
 Pensions:		
Annuity from Pliny Earle Chase Memorial Fund .....	\$100.00	
Pensions .....	7,440.00	
		7,540.00
 Expenditures for Special Purposes:		
Lectures from income Thomas Shipley Fund .....	\$205.00	
Prizes from income Scholarship Improvement Prize Fund.....	95.00	
Prize from income S. P. Lippincott Prize Fund .....	100.00	
Prizes from income John Farnum Brown Fund .....	8.59	
Summer School Expenses from Income of Special Endowment Fund.....	1,318.58	
		1,727.17

HAVERFORD COLLEGE

Paid Out of Special Donations:

For Isaac Sharpless Hall, completed.....	\$2,606.87	
Isaac Sharpless Hall Equipment, on account .....	2,300.00	
Tree Fund .....	258.76	
American University Union in Eu- rope Haverford membership.....	100.00	
Prizes .....	98.80	
		5,564.43
Coal purchased for account of 1919-1920.....		10,449.63
Paid temporarily on account loans, using funds await- ing investment .....		187,150.00

Investments made:

Edward Yarnall Fund.....	\$746.25	
John M. Whitall Fund.....	791.25	
Richard T. Jones Scholarship Fund.....	1,000.00	
David Scull Fund.....	1,000.00	
Jacob P. Jones Endowment Fund.....	45,400.00	
John Farnum Brown Fund.....	1,582.50	
President Sharpless Fund.....	21,000.00	
Henry Norris Fund.....	791.25	
Jacob P. Jones Benefit Fund.....	925.00	
Infirmary Endowment Fund.....	1,000.00	
Anna Yarnall Fund.....	1,000.00	
Walter D. and Edith M. L. Scull Fund....	2,400.00	
Francis Stokes Fund.....	5,000.00	
Arnold Chase Scattergood Memorial Fund .....	30,000.00	
Class of 1893 Fund in Donation Account	500.00	
		\$113,136.25

Balances Eighth Month 31st, 1919:

In President's hands.....	\$5,000.00	
In Treasurer's hands.....	2,538.00	
		7,538.00
		\$519,236.82

# FINANCIAL STATEMENT

For the Year ending Eighth Month 31st, 1919.

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Expenses of running the College, as per foregoing statement of the Treasurer.....	\$170,062.83
Coal for 1918-19 bought last year in advance.....	5,520.99
	<hr/>
	\$175,583.82
Net cash receipts for board and tuition, rents and from all other sources connected with the business of the College .....	54,798.38
	<hr/>
Leaving a deficiency of.....	\$120,785.44
Income from investments and donations applicable to Scholarships and running expenses.....	106,645.43
	<hr/>
Leaving a deficiency of.....	\$14,140.01
Donations toward the deficit.....	2,525.00
	<hr/>
Net deficiency for the year.....	\$11,615.01

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## REPORT ON EACH FUND

### GENERAL ENDOWMENT FUND

Established 1847, and increased from time to time since

Par value of invested funds.....	\$88,300.00
Principal uninvested .....	16,721.41
	<hr/>
Total fund .....	\$105,021.41
Income received during the year.....	4,938.81
Paid for general college expenses.....	4,938.81

*HAVERFORD COLLEGE*

**JOHN FARNUM MEMORIAL FUND**

Established 1878, increased by Legacy of Elizabeth H. Farnum  
in 1899

Par value of invested funds.....	\$40,300.00
Principal uninvested .....	1,466.61
<hr/>	
Total fund .....	\$41,766.61
Income received during the year.....	1,938.99
Paid toward support of Chair endowed by this fund....	1,938.99

**JOHN M. WHITALL FUND**

Founded in 1880

Par value of invested funds.....	\$11,000.00
Principal uninvested .....	12.59
<hr/>	
Total fund .....	\$11,012.59
Income received during the year.....	473.02
Appropriated for salaries.....	473.02

**DAVID SCULL FUND**

Founded 1885

Par value of invested fund.....	\$47,700.00
Principal uninvested .....	450.96
<hr/>	
Total fund .....	\$48,150.96
Income received during the year.....	2,014.86
Appropriated for salaries.....	2,014.86

**EDWARD L. SCULL FUND**

Founded 1885

Par value of invested funds.....	\$10,100.00
Principal uninvested .....	2,100.20
<hr/>	
Total fund .....	\$12,200.20
Income received during the year.....	559.79
Appropriated for salaries.....	559.79

## TREASURER'S REPORT

### WISTAR MORRIS MEMORIAL FUND

Founded 1892

Par value of invested funds.....	\$5,000.00
Principal uninvested .....	261.74
<hr/>	
Total fund .....	\$5,261.74
Income received during the year.....	247.31
Appropriated for salaries.....	247.31

### ISRAEL FRANKLIN WHITALL FUND

Founded 1896

Par value of invested funds.....	\$12,500.00
Amount uninvested .....	88.49
<hr/>	
Total fund .....	\$12,588.49
Income received during the year.....	584.19
Appropriated for salaries.....	584.19

### JACOB P. JONES ENDOWMENT FUND

Founded 1897

Par value of invested funds.....	\$996,825.00
Amount uninvested .....	49,108.32
<hr/>	
Total fund .....	\$1,045,933.32
Income received during the year.....	56,734.42
Appropriated for scholarships.....	\$4,600.00
Appropriated for general expenses.....	52,134.42
<hr/>	
	56,734.42

This fund also owns 12.463 acres of land in West Philadelphia.

### JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded 1900 and increased later

Par value of invested funds.....	\$283,800.00
Amount uninvested .....	1,308.56
<hr/>	
Total fund .....	\$285,108.56
Income received during the year.....	11,406.69
Income appropriated for salaries.....	\$10,257.66
Income paid for prizes.....	8.59
Income transferred to principal.....	1,140.44
<hr/>	
	11,406.69

*HAVERFORD COLLEGE*

**ELLEN WALN FUND**

Founded 1900

Par value of invested funds.....	\$11,000.00
Amount uninvested .....	219.60
<hr/>	
Total fund .....	\$11,219.60
Income received during the year.....	513.48
Income appropriated for general expenses.....	513.48

**CLEMENTINE COPE ENDOWMENT FUND**

Founded 1904

Par value of invested funds.....	\$31,000.00
Amount uninvested .....	108.75
<hr/>	
Total fund .....	\$31,108.75
Income received during the year.....	1,072.55
Income appropriated for general expenses.....	1,072.55

**NATHAN BRANSON HILL TRUST**

Fund established in 1904, held in Trust by Minneapolis Trust  
Company, Minneapolis, Minn.

Income received during the year.....	\$10.16
Income appropriated for general expenses.....	10.16

**JOSEPH E. GILLINGHAM FUND**

Founded 1907

Par value of invested funds.....	\$54,000.00
Amount uninvested .....	61.39
<hr/>	
Total fund .....	\$54,061.39
Income received during the year.....	2,521.06
Income appropriated for scholarships.....	\$700.00
Income appropriated for general expenses....	1,821.06
<hr/>	
	2,521.06

**HENRY NORRIS FUND**

Founded 1907

Par value of invested funds.....	\$6,000.00
Amount uninvested .....	48.70
<hr/>	
Total fund .....	\$6,048.70
Income received during the year.....	231.47
Income appropriated for general expenses.....	231.47



## TREASURER'S REPORT

### ELIZABETH H. FARNUM FUND

Founded 1891

The Principal of this Fund is held in Trust by The Provident Life and Trust Company of Philadelphia. The first income accrued to the College in 1914.

Par value of invested funds.....	\$10,000.00
Amount uninvested .....	173.75
Total fund .....	<hr/> \$10,173.75
Income received during the year.....	494.21
Income appropriated for expenses.....	494.21

### JAMES R. MAGEE FUND

Founded 1915

Par value of invested funds.....	\$10,500.00
Principal uninvested .....	274.37
Total fund .....	<hr/> \$10,774.37
Income received during the year.....	422.57
Income appropriated for general expenses.....	422.57

### ALBERT K. SMILEY FUND

Founded 1915

Par value of invested funds.....	\$1,000.00
Principal uninvested .....	17.50
Total fund .....	<hr/> \$1,017.50
Income received during the year.....	44.80
Income appropriated for general expenses.....	44.80

### WALTER D. AND EDITH M. L. SCULL FUND

Founded 1918 by legacies from Walter D. and Edith M. L. Scull

Par value of invested funds.....	\$71,585.00
Amount uninvested .....	16,489.31
Total fund .....	<hr/> \$88,074.31
Income on hand at beginning of year.....	\$14,603.61
Income received during the year.....	5,629.91
	<hr/> 20,233.52
Appropriated for salary and books, etc.....	\$5,155.01
Income transferred to principal.....	15,078.51
	<hr/> 20,233.52

## HAVERFORD COLLEGE

### ALBIN GARRETT MEMORIAL FUND

Founded 1919. This fund is new this year.

Amount uninvested .....	\$25,000.00
Income received during the year.....	341.67
Income appropriated for general purposes.....	341.67

### ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919. This fund is new this year.

Par value of invested funds.....	\$30,000.00
Income received during the year.....	1,668.10
Income appropriated to Donation Account to be added to Special Salary Fund for Professors.....	1,668.10

### MOSES BROWN FUND

Trust founded by T. Wistar Brown in 1906 and transferred to the  
College in 1916

Par value of invested funds.....	\$394,000.00
Amount uninvested .....	1,446.41
<hr/>	
Total fund .....	\$395,446.41
Income on hand at beginning of year.....	\$2,789.26
Income received during the year.....	16,270.34
<hr/>	
	19,059.60
Appropriated for salaries.....	\$6,742.34
Extra teaching .....	200.00
Lectures .....	1,618.28
Scholarship at U. of Pa... ..	62.50
Oriental research .....	100.00
Household expenses .....	3,538.98
Alteration, etc., to Grad- uate School completed .....	1,454.18
<hr/>	
Total expenditures .....	\$13,716.28
Transferred to principal.....	5,343.32
<hr/>	
	19,059.60

## TREASURER'S REPORT

### INFIRMARY ENDOWMENT FUND

Founded 1911

Par value of invested funds.....	\$9,750.00
Amount uninvested .....	.94
Total fund .....	\$9,750.94
Income received during the year.....	455.25
Income appropriated to maintenance of Infirmary.....	455.25

### JOHN W. PINKHAM FUND

Founded 1911

Par value of invested funds.....	\$5,000.00
Amount uninvested .....	59.50
Total fund .....	\$5,059.50
Income received during the year.....	222.88
Income appropriated to maintenance of Infirmary.....	222.88

### THOMAS P. COPE FUND

Founded 1842

Par value of invested funds.....	\$6,000.00
Principal uninvested .....	142.69
Total fund .....	\$6,142.69
Income on hand at beginning of the year....	\$155.35
Income received during the year.....	277.65
	433.00
Paid for Thomas P. Cope Scholarship.....	250.00
Income on hand at end of year.....	\$183.00

### EDWARD YARNALL FUND

Founded 1860

Par value of invested funds.....	\$6,500.00
Principal uninvested .....	12.56
Total fund .....	\$6,512.56
Income on hand at beginning of year.....	\$103.31
Income received during the year.....	311.70
	415.01
Paid for Edward Yarnall Scholarships.....	400.00
Income on hand at end of year.....	\$15.01

*HAVERFORD COLLEGE*

**ISAIAH V. WILLIAMSON FUND**

**Founded 1876 and increased 1883**

Par value of invested funds.....	\$19,300.00
Principal uninvested .....	3,173.63
<b>Total fund .....</b>	<b>\$22,473.63</b>
Paid for scholarships.....	1,350.00
Income on hand at beginning of the year.....	\$331.26
Income received during the year.....	977.35
	<hr/>
	1,308.61
Income overspent at end of year.....	\$41.39

**RICHARD T. JONES SCHOLARSHIP FUND**

**Founded by Will of Jacob P. Jones, 1885**

Par value of invested funds.....	\$2,000.00
Principal uninvested .....	3,060.00
<b>Total fund .....</b>	<b>\$5,060.00</b>
Income received during the year.....	\$256.21
Less income overdrawn at beginning of year	194.27
	<hr/>
Income on hand at end of the year.....	\$61.94

**MARY M. JOHNSON SCHOLARSHIP FUND**

**Founded 1897**

Par value of invested funds.....	\$8,000.00
Amount uninvested .....	589.85
<b>Total fund .....</b>	<b>\$8,589.85</b>
Income on hand at beginning of the year....	\$257.97
Income received during the year.....	378.56
	<hr/>
	636.53
Paid for Mary M. Johnson Scholarshpis.....	550.00
	<hr/>
Income on hand at end of the year.....	\$86.53

## TREASURER'S REPORT

### SARAH MARSHALL SCHOLARSHIP FUND

Founded 1897

Par value of invested funds.....		\$7,500.00
Amount uninvested .....		507.99
		<hr/>
Total fund .....		\$8,007.99
Income on hand at beginning of the year....	\$75.47	
Income received during the year.....	351.25	
		<hr/>
		426.72
Paid for Sarah Marshall Scholarships.....		350.00
		<hr/>
Income on hand at end of the year.....		\$76.72

### CLEMENTINE COPE FELLOWSHIP FUND

Founded 1899

Par value of invested funds.....		\$25,100.00
Amount uninvested .....		466.43
		<hr/>
Total fund .....		\$25,566.43
Income on hand at beginning of the year.....	\$1,413.87	
Income received during the year.....	1,144.44	
		<hr/>
		2,558.31
Paid for scholarships.....		950.00
		<hr/>
Income on hand at end of year.....		\$1,608.31

### ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded 1916

Par value of invested funds.....		\$5,000.00
Amount uninvested .....		56.25
		<hr/>
Total fund .....		\$5,056.25
Income on hand at beginning of year.....	\$256.62	
Income received during the year.....	247.25	
		<hr/>
Income on hand at end of year.....		\$503.87

*HAVERFORD COLLEGE*

**ALUMNI LIBRARY FUND**

Established by the Alumni Association, 1863

Par value of invested funds.....	\$18,550.00	
Principal uninvested .....	592.45	
		<hr/>
Total fund .....		\$19,142.45
Income on hand at beginning of year.....	\$326.60	
Income received during the year.....	821.67	
Special donations for the Library.....	60.00	
		<hr/>
		1,208.27
Paid for books, etc.....	\$1,119.31	
Old overdrawn balance for books in Dona- tion Account transferred.....	.17	
		<hr/>
		1,119.48
		<hr/>
Income on hand at end of year.....		\$88.79

**MARY FARNUM BROWN LIBRARY FUND**

Founded 1892

Par value invested funds.....	\$92,000.00	
Amount uninvested .....	1,395.05	
		<hr/>
Total fund .....		\$93,395.05
Income received during the year.....		3,559.43
Income appropriated for books, etc.....	\$3,602.81	
Income appropriated for lectures.....	250.00	
		<hr/>
		3,852.81
		<hr/>
Income overdrawn at end of year.....		\$293.38

**WILLIAM H. JENKS LIBRARY FUND**

Founded 1910

Par value of fund, all invested.....		\$5,000.00
Income on hand at beginning of the year.....	\$148.21	
Income received during the year.....	245.00	
		<hr/>
		393.21
Income used for purchase of books, etc.....		357.25
		<hr/>
Income on hand at end of year.....		\$35.96

## TREASURER'S REPORT

### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded 1914

Par value of invested funds.....	\$19,000.00
Amount uninvested .....	1,165.48
<hr/>	
Total fund .....	\$20,165.48
Income on hand at beginning of the year.....	\$355.79
Income received during the year.....	901.59
<hr/>	
	1,257.38
Income appropriated for books.....	1,263.35
<hr/>	
Income overdrawn at end of year.....	\$5.97

### ANNA YARNALL FUND

Founded 1916

Par value of invested funds.....	\$8,000.00
Amount uninvested .....	536.61
<hr/>	
Total fund .....	\$8,536.61
Income on hand at beginning of year.....	\$232.44
Income received during year.....	397.76
<hr/>	
	630.20
Paid for taxes.....	370.78
<hr/>	
Income on hand at end of year.....	\$259.42

### PRESIDENT SHARPLESS FUND

Founded 1907

Par value of invested funds.....	\$45,000.00
Amount uninvested .....	101.53
<hr/>	
Total fund .....	\$45,101.53
Income received during year.....	2,007.48
Income transferred to Haverford College Pension Fund .....	2,007.48

## HAVERFORD COLLEGE

### WILLIAM P. HENSZEY FUND

Founded 1908 by gift. Increased 1909 by legacy.

Par value of invested funds.....	\$36,500.00
Principal uninvested .....	150.60
<hr/>	
Total fund .....	\$36,650.60
Income received during the year.....	1,794.52
Income transferred to Haverford College Pension Fund .....	1,794.52

### JACOB P. JONES BENEFIT FUND

Founded 1909 from proceeds of land sold for account Jacob P.  
Jones Legacy

Par value of invested funds.....	\$60,450.00
Amount uninvested .....	5,901.31
<hr/>	
Total fund .....	\$66,351.31
Income received during the year.....	3,149.15
Income transferred to Haverford College Pension Fund .....	3,149.15

### PLINY EARLE CHASE MEMORIAL FUND

Founded 1909

Par value of invested funds.....	\$4,300.00
Amount uninvested .....	90.24
<hr/>	
Total fund .....	\$4,390.24
Income received during the year.....	214.31
Income paid to annuitant.....	\$100.00
Income transferred to Haverford College Pension Fund .....	114.31
<hr/>	
	214.31

### HAVERFORD COLLEGE PENSION FUND

Founded 1910 and added to since from accumulations of unused  
Income from the different Pension Funds

Par value of invested funds.....	\$54,100.00
Principal uninvested .....	6,274.63
<hr/>	
Total fund .....	\$60,374.63



## TREASURER'S REPORT

Income received during the year.....	\$2,625.69	
Income transferred from other Pension		
Funds .....	7,065.46	
		9,691.15
Appropriated for Pensions.....	\$7,440.00	
Income added to principal.....	2,251.15	
		9,691.15

### THOMAS SHIPLEY FUND

Founded 1904

Par value of invested funds.....	\$5,000.00	
Amount uninvested .....	225.00	
Total fund .....		\$5,225.00
Income on hand at beginning of the year.....	\$840.12	
Income received during the year.....	229.50	
		1,069.62
Income appropriated for lectures.....		205.00
		\$864.62

### ELLISTON P. MORRIS FUND

Founded 1906

Par value of invested funds.....	\$1,000.00	
Amount uninvested .....	188.75	
Total fund .....		\$1,188.75
Income on hand at beginning of year.....	\$186.38	
Income received during the year.....	46.75	
Income on hand at end of the year.....		233.13

### JOHN B. GARRETT READING PRIZE FUND

Founded 1908

Par value of fund, all invested (in default).....	\$2,000.00	
No income received during the year and prizes not awarded.		

## HAVERFORD COLLEGE

### SPECIAL ENDOWMENT FUND

Founded 1909

Par value of funds, all invested.....		\$12,000.00
Income on hand at beginning of the year.....	\$841.79	
Income received during the year.....	490.00	
		<hr/>
		1,331.79
Expenses of Haverford Summer School 1919.....		1,318.58
		<hr/>
Income on hand at end of year.....		13.21

### ELIZABETH P. SMITH FUND

Founded 1915

Par value of invested funds.....		\$1,000.00
Principal uninvested .....		32.00
		<hr/>
Total fund .....		\$1,032.00
Income on hand at beginning of the year.....	\$117.55	
Income received during the year.....	45.38	
		<hr/>
Income on hand at end of the year.....		162.93

### SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded 1913

Par value of funds, all invested.....		\$2,000.00
Income on hand at beginning of the year....	\$9.00	
Income received during the year.....	98.00	
		<hr/>
		107.00
Income appropriated for prizes.....		95.00
		<hr/>
Income on hand at end of the year.....		12.00

### THE HINCHMAN ASTRONOMICAL FUND

Founded 1917

Par value of invested funds.....		\$10,000.00
Amount uninvested .....		187.50
		<hr/>
Total fund .....		\$10,187.50
Income on hand at beginning of year.....	\$844.95	
Income received during the year.....	497.50	
		<hr/>
Income on hand at end of year.....		1,342.45

## TREASURER'S REPORT

### S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded 1917

Par value of funds, all invested.....		\$2,500.00
Income on hand at beginning of year.....	\$47.00	
Income received during year.....	98.00	
		145.00
Paid for S. P. Lippincott History Prize.....		100.00
		45.00
Income on hand at end of year.....		\$45.00

### FRANCIS STOKES FUND

Founded 1919. This fund is new this year.

Par value of invested funds.....	\$5,000.00
Income received during the year.....	98.98
Income on hand at end of year.....	98.98

### GEORGE PEIRCE FUND

Founded in 1919. This fund is new this year.

Amount uninvested .....	\$600.00
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### SUMMARY OF THE FUNDS

Funds for General College Purposes:

General Endowment Fund.....	\$105,021.41
John Farnum Memorial Fund.....	41,766.61
John M. Whitall Fund.....	11,012.59
David Scull Fund.....	48,150.96
Edward L. Scull Fund.....	12,200.20
Wistar Morris Memorial Fund.....	5,261.74
Israel Franklin Whitall Fund.....	12,588.49
Jacob P. Jones Endowment Fund.....	1,045,933.32
John Farnum Brown Fund.....	285,108.56
Ellen Waln Fund.....	11,219.60
Clementine Cope Endowment Fund.....	31,108.75
Joseph E. Gillingham Fund.....	54,061.39
Henry Norris Fund.....	6,048.70
Elizabeth H. Farnum Fund.....	10,173.75

*HAVERFORD COLLEGE*

James R. Magee Fund.....	10,774.37	
Albert K. Smiley Fund.....	1,017.50	
Walter D. and Edith M. L. Scull Fund..	88,074.31	
Albin Garrett Memorial Fund.....	25,000.00	
Arnold Chase Scattergood Memorial Fund .....	30,000.00	
	\$1,834,522.25	
<b>Fund for Thomas Wistar Brown Graduate School:</b>		
Moses Brown Fund.....		395,446.41
<b>Funds for Morris Infirmary:</b>		
Infirmary Endowment Fund.....	\$9,750.94	
John W. Pinkham Fund.....	5,059.50	
	14,810.44	
<b>Funds for Scholarships:</b>		
Thomas P. Cope Fund.....	\$6,142.69	
Edward Yarnall Fund.....	6,512.56	
Isaiah V. Williamson Fund.....	22,473.63	
Richard T. Jones Scholarship Fund.....	5,060.00	
Mary M. Johnson Scholarship Fund.....	8,589.85	
Sarah Marshall Scholarship Fund.....	8,007.99	
Clementine Cope Fellowship Fund.....	25,566.43	
Isaac Thorne Johnson Scholarship Fund .....	5,056.25	
	\$87,409.40	
<b>Funds for the Library:</b>		
Alumni Library Fund.....	\$19,142.45	
Mary Farnum Brown Library Fund.....	93,395.05	
William H. Jenks Library Fund.....	5,000.00	
Mary Wistar Brown Williams Fund.....	20,165.48	
Anna Yarnall Fund.....	8,536.61	
	146,239.59	
<b>Funds for Pensions:</b>		
President Sharpless Fund.....	\$45,101.53	
William P. Henszey Fund.....	36,650.60	
Jacob P. Jones Benefit Fund.....	66,351.31	
Pliny Earle Chase Memorial Fund.....	4,390.24	
Haverford College Pension Fund.....	60,374.63	
	212,868.31	

## TREASURER'S REPORT

### Funds for Special Purposes:

Thomas Shipley Fund.....	\$5,225.00
Elliston P. Morris Fund.....	1,188.75
John B. Garrett Reading Prize Fund....	2,000.00
Special Endowment Fund.....	12,000.00
Elizabeth P. Smith Fund.....	1,032.00
Scholarship Improvement Prize Fund..	2,000.00
Hinchman Astronomical Fund.....	10,187.50
S. P. Lippincott History Prize Fund.....	2,500.00
Francis Stokes Fund.....	5,000.00
George Peirce Fund.....	600.00
	41,733.25

Total par value of all the Funds.....\$2,733,029.65

being \$58,730.83 more than reported one year ago, as follows:

By legacy under the will of Mary Hickman Garrett to found the Albin Garrett Memorial Fund.....	\$25,000.00
By gift of Maria C. Scattergood to found the Arnold Chase Scattergood Memorial Fund.....	30,000.00
By gift of Francis J. Stokes '94 to found the Francis Stokes Fund .....	5,000.00
By gift of Harold and Charlotte C. Peirce to found the George Peirce Fund.....	600.00

### Gains:

On account of sale of land in Jacob P. Jones Endowment Fund.....	\$500.00
Gain in realization of investment Jacob P. Jones Endowment Fund.....	63.65
Gain in realization of investment in Anna Yarnall Fund.....	80.00
	\$643.65

Less loss in reorganization of invest-  
ment in W. D. & E. M. Scull Fund 150.00

493.65

## HAVERFORD COLLEGE

### Income credited to Principal:

John Farnum Brown Memorial Fund....	\$1,140.44	
Haverford College Pension Fund.....	2,251.15	
Walter D. and Edith M. L. Scull Fund..	15,078.51	
Moses Brown Fund.....	5,343.32	
		23,813.42
Income credited to Contingent Account.....		1,460.01
Difference between cost and par of securities bought and sold .....		1,163.75
		\$87,530.83
Less default of mortgage in Jacob P. Jones Endow- ment Fund and reconveyance of 4.692 acres of land in lieu of foreclosure.....		28,800.00
		\$58,730.83

## STATEMENT OF DEBT

The debt of the Corporation Eighth Month 31st, 1918, was .....	\$126,766.05
It has been increased during the year:	
By deficiency as per financial statement.....	11,615.01
	\$138,381.06
And has been reduced during the year:	
By receipts on account of previous years.....	611.35
	\$137,769.71
Due as follows:	
On demand loans.....	\$900.00
Net amount due the Funds.....	136,869.71
	\$137,769.71

## TREASURER'S REPORT

The above debt was incurred as follows:

For double dwelling on College Lane.....	\$14,500.00
For "Leavenworth House," College Lane.....	1,750.00
For steam heating plant and underground conduits	12,615.49
For Lloyd Hall.....	16,353.30
For Merion Cottage.....	15,259.91
For three houses on College Avenue.....	22,841.75
For deficits in College work, less receipts for right of way .....	54,449.26
	<hr/>
	\$137,769.71

being \$11,003.66 more than reported one year ago.

### AUDIT

We have examined the cash book and accounts of J. Henry Scattergood, Treasurer of the Corporation of Haverford College, for the year ending Eighth Month 31st, 1919, and find them to agree with the statement of receipts and payments shown in the foregoing account.

We have compared the payments made with vouchers and receipts for all disbursements and find the same to be correct.

The cash balance at the end of the fiscal year in the hands of the Treasurer was \$2,538.00 and the balance to be account for by the President \$5,000.00 as stated.

EDWARD W. EVANS,  
STANLEY R. YARNALL,  
*Auditing Committee.*

PHILADELPHIA, Tenth Month 13th, 1919.

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We have examined the securities belonging to the Corporation of Haverford College, Eighth Month 31st, 1919, and find them to agree with the foregoing statement of the Treasurer.

JONATHAN M. STEERE,  
WM. H. HAINES,  
*Auditing Committee.*

PHILADELPHIA, Tenth Month 10th, 1919.

## DONATIONS

For the Year Ending Eighth Month 31st, 1919.

### Isaac Sharpless Hall Fund:

William Crowder .....	\$25.00
Frederic A. Curtis.....	25.00
Charles A. Bushnell.....	25.00
Francis A. Diamant.....	25.00
Henry W. Doughten.....	25.00
Richard Howson .....	50.00
Henry L. Levick.....	20.00
Roy McFarland .....	30.00
H. F. McKinley .....	15.00
Christopher D. Morley .....	5.00
R. S. Philips .....	12.50
John P. Phillips .....	25.00
E. Converse Peirce for Class of 1905.....	250.00
In memory of George Peirce, Class of 1903....	250.00
D. J. Reinhardt .....	100.00
E. R. Richie .....	12.50
Willard P. Tomlinson .....	25.00
Francis A. White .....	250.00
Alexander C. Wood, Jr. ....	25.00
George Wood .....	1,000.00
	<hr/>
	\$2,195.00

### Isaac Sharpless Hall Equipment Fund:

A. L. Baily .....	\$250.00
Wm. A. Battey .....	50.00
Horace A. Beale, Jr. ....	100.00
W. J. Buzby .....	250.00
J. W. Clarke .....	50.00
Alfred M. Collins .....	100.00
Philip B. Deane .....	50.00
Thomas E. Desmond .....	25.00



## DONATIONS

Henry W. Doughten .....	100.00
Edw. W. Evans .....	50.00
Cyrus Falconer .....	150.00
William Goodman .....	100.00
T. Allen Hilles .....	250.00
Samuel E. Hilles .....	100.00
A. F. Huston .....	1,000.00
Walter C. Janney .....	250.00
Paul Jones .....	25.00
C. C. Morris .....	100.00
Marricct C. Morris .....	100.00
William P. Morris .....	100.00
T. Chalkley Palmer .....	500.00
Alfred G. Scattergood .....	250.00
Wm. P. Simpson .....	100.00
Daniel Smiley .....	100.00
Horace E. Smith .....	250.00
Jonathan M. Steere .....	50.00
J. Stoddell Stokes .....	250.00
A. N. Warner .....	100.00
John M. Whitall .....	500.00
Francis A. White .....	100.00
Parker S. Williams .....	250.00
Asa S. Wing .....	100.00
George Wood .....	250.00
Richard D. Wood .....	100.00
Walter Wood .....	100.00
	6,200.00

### Isaac Sharpless Hall Equipment Fund:

Class of 1893 Fund for 25th Anniversary, turned over for this purpose.....	2,165.00
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### For the Library:

John B. Garrett .....	\$10.00
J. D. Winsor .....	40.00
G. H. Hubler .....	10.00
	60.00

*HAVERFORD COLLEGE*

**For Tree Fund:**

A. F. Huston .....	50.00	
Campus Club .....	80.49	
		130.49

**For American University Union in Europe,  
Haverford Membership:**

Triangle Club .....		100.00
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**For Scholarships:**

Albert Percival Smith for German-American Scholarship .....	\$400.00	
D. S. Hinshaw, Treasurer, for New York State Scholarship .....	40.00	
		440.00

**For Special Salary Fund for Professors:**

A. L. Baily .....	\$250.00	
Alfred M. Collins .....	50.00	
F. M. Eshleman .....	100.00	
Edw. W. Evans .....	50.00	
Joseph H. Haines .....	100.00	
C. R. Hinchman .....	50.00	
Walter C. Janney .....	25.00	
C. C. Morris .....	25.00	
Marriott C. Morris .....	50.00	
Alfred G. Scattergood .....	50.00	
Benjamin H. Shoemaker, 2d .....	100.00	
Horace E. Smith .....	100.00	
Francis J. Stokes .....	250.00	
Frank H. Taylor .....	50.00	
H. M. Thomas .....	100.00	
John M. Whittall .....	500.00	
Miles White, Jr. ....	50.00	
Richard J. White .....	25.00	
Parker S. Williams .....	500.00	
Asa S. Wing .....	200.00	
Arnold Chase Scattergood Memorial Fund, accrued income .....	1,668.10	
		4,293.10

## DONATIONS

### For Prizes:

Class of 1896.....	\$20.00	
Founders Club .....	25.00	
	<hr/>	45.00

### For George Peirce Prize:

Harold Peirce .....		25.00
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### For Mathematical Prize:

L. W. Reid .....		10.00
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### For Deficit:

A. L. Baily .....	\$30.00	
Arthur Emlen Brown .....	100.00	
Wm. M. Longstreth .....	250.00	
William C. Lowry .....	100.00	
Anna Morris .....	25.00	
John W. Muir .....	20.00	
John M. Whittall .....	1,000.00	
George Wood .....	1,000.00	
	<hr/>	2,525.00
		<hr/>
		\$18,188.59

## GIFTS TO THE HAVERFORD LIBRARY

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Mrs. W. W. Baker .....	36
Dean P. Lockwood .....	31
A. C. Thomas .....	16
Miss Juliana Wood .....	14
Norman Penney .....	10
D. G. Alsop .....	8
Mrs. J. D. Winsor .....	7
Francis R. Taylor .....	8

And many others, one or more volumes each.

## ENDOWMENT FUNDS

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### GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.86; 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; Present par value, \$105,021.41. The income is used for salaries and for scholarships, the latter usually to the amount of \$1,200 per annum.

### 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 par value, \$41,766.61. 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."

### JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whittall, Sr. Present par value, \$11,012.59. 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 par value, \$48,150.96. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

## *HAVERFORD COLLEGE*

### **EDWARD L. SCULL FUND**

Founded in 1885 by net bequest of \$9,500 from Edward L. Scull, '64. This legacy was to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$12,200.20. 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 Wister Morris as a memorial to him. Present par value, \$5,261.74. 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 Whittall. Present par value, \$12,588.49. 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 and sundry real estate. The real estate, except 12.463 acres, has been sold. Present par value of the fund, \$1,045,933.32. 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, \$9,200 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."

## ENDOWMENT FUNDS

### JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY AND KINDRED SUBJECTS

Founded in 1900 by T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in securities of a par value of \$58,000, shortly afterward increased by a further gift of \$5,000. Additional gifts by T. Wistar Brown were made as follows: in 1910, \$5,000 and \$10,000; in 1911, \$20,612.29; in 1912, \$30,000 par value of securities. Present par value, \$285,108.56. 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. At least ten per cent of the total income of this fund must be capitalized each year, as must also all unused income at the close of each fiscal year.

### ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$11,219.60. 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 par value, \$31,108.75. There are no restrictions. The income is used for general college purposes.

### NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with Minneapolis 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 the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. At present the only income is from dividends upon the above policy.

## *HAVERFORD COLLEGE*

### **JOSEPH E. GILLINGHAM FUND**

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$54,061.39. 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 par value, \$6,048.70. 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 is held by the Provident Life and Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the college in 1914. Present par value, \$10,173.75. There are no restriction as to the use of the income, and same is now applied to general college purposes.

### **JAMES R. MAGEE FUND**

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59. Present par value, \$10,774.37. There are no restrictions except that the income only is to be used. This has been applied to general college purposes. The will provides for a further bequest to the college upon the death of sisters of the testator.

### **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. Present par value, \$1,017.50. There are no restrictions except that preference was expressed that the income only should be used. This has been applied to general college purposes.



## ENDOWMENT FUNDS

### 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. Thus far there has been received cash and securities of a par value of \$73,138.60. Income accumulated before the receipt of the fund by the college amounted to \$16,887.66, of which \$15,078.51 has been added to the principal of the fund. Present par value, \$88,074.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professor 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 Garrett, '64. Present par value, \$25,000. 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 deceased son, Arnold Chase Scattergood, ex '19. Present par value, \$30,000. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

### 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. Present par value, \$395,446.41. The fund was created to establish a graduate course in religious study in harmony with and supplementary

## *HAVERFORD COLLEGE*

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 is designated "The Thomas Wistar Brown Graduate School."

### **INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55 raised among alumni and friends of the college. Present par value, \$9,750.94. 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 par value, \$5,059.50. 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.

### **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 par value, \$6,142.69. 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." The fund sustains the Thomas P. Cope Scholarships.

### **EDWARD YARNALL FUND**

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$6,512.56. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

## *ENDOWMENT FUNDS*

### **ISAIAH V. WILLIAMSON FUND**

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present par value, \$22,473.63. The income only is to be used for free scholarships or part 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. Present par value, \$5,060. 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 par value, \$8,589.85. 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 par value, \$8,007.99. 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 par value, \$25,566.43. 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.

## HAVERFORD COLLEGE

### ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present par value, \$5,056.25. 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."

### 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 par value, \$19,142.45. The income is used for the purchase of books, etc., for 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, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$93,395.05. 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 this fund, if any, is 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

## ENDOWMENT FUNDS

Library Fund," but after the death of Hannah M. Jenks was changed in 1916 to "William H. Jenks Library Fund." Present par value, \$5,000. The purpose of the fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriate additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his wife, Mary Wistar Brown Williams. Present par value, \$20,165.48. 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 \$7,000 par value of securities and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$8,536.61, the real estate not yet having been sold. 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."

### PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the college finally amounting to \$40,000. Present par value, \$45,101.53.

## *HAVERFORD COLLEGE*

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 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 par value, \$36,650.60. 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 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 par value, \$66,351.31. 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 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 \$4,170.40. Present par value, \$4,390.24. The income of this fund is applied first to a \$100 life annuity, and the balance, as in the President Sharpless Fund, for the teachers and

## *ENDOWMENT FUNDS*

professors of Haverford College as the President of the college and his successors, with the approval of the Board of Managers, may decide. Upon the death of the life annuitant, all of the income will be so used. This income is transferred annually to the Haverford College Pension Fund for pensions, or, if not needed for pensions, is capitalized in said fund.

### **Haverford College Pension Fund**

Founded in 1910 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 par value, \$60,374.63. The income from this fund together with the income from the four above-mentioned funds is used for pensions and if not needed for pensions is capitalized in this fund.

### **Thomas Shipley Fund**

Founded in 1904 by gift of \$5,000 from Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,225. 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 par value, \$1,188.75. 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 \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.

### **John B. Garrett Reading Prize Fund**

Founded in 1908 by gift of \$2,000 par value of bonds by John B. Garrett, '54. Present par value, \$2,000, but bonds are in default. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading amounting to \$100 annually which he had given for a number of years.

## *HAVERFORD COLLEGE*

### **SPECIAL ENDOWMENT FUND**

Founded in 1909 by gift of \$12,000 par value of bonds from an anonymous donor. Present par value, \$12,000. The income only of this fund is 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 College from time to time.

### **ELIZABETH P. SMITH FUND**

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value, \$1,032.00. The income only to be used as a prize for the best essays on Peace written by the students of the college.

### **SCHOLARSHIP IMPROVEMENT PRIZE FUND**

Founded in 1913 by gift of \$2,000 par value of bonds from John L. Scull, '05. Present par value, \$2,000. 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.

### **HINCHMAN ASTRONOMICAL FUND**

Founded in 1917 by bequest of \$10,000 par value of securities from Charles S. Hinchman. Present par value, \$10,187.50. 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."

### **S. P. LIPPINCOTT HISTORY PRIZE FUND**

Founded in 1917 by gift of \$2,500 par value of bonds from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize."



## *ENDOWMENT FUNDS*

### **FRANCIS STOKES FUND**

Founded in 1919 by gift of \$5,000 in securities 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 par value, \$5,000. 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 FUND**

Founded in 1919 by gift of \$600 from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present par value, \$600. 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 intends to follow a profession which calls for such preparation.

## 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.

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The Stated Meetings of the Managers are held on the third Sixth-day in the First, Third, Fifth, Ninth and Eleventh months.

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## LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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## FORM OF LEGACY

*I give and bequeath (if personal)—devise (if real)—to "The Corporation of Haverford College," the sum of ..... (or if real estate, describe it) ..... to have and to hold to them, their successors and assigns, to the use of the said "The Corporation of Haverford College," their successors and assigns.*

# Haverford College Bulletin

Vol. XVIII

March, 1920

No. 4

## Catalogue

1919—1920



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CATALOGUE  
OF  
Haverford College  
1919-1920



HAVERFORD, PA.

# 1920

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

# 1921

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

College Days in heavy-faced type.

## CALENDAR

1920-1921

Examinations for Admission. . . . .	Sept. 20, 21, 22, 1920
College Year, 1920-1921, begins, 9:10 A. M. . . . .	Sept. 23
First Quarter ends, 4:00 P. M. . . . .	Nov. 17
Thanksgiving Recess. . . . .	Nov. 25, 26, 27
Winter Recess begins, 4:00 P. M. . . . .	Dec. 21
Winter Recess ends, 8:30 A. M. . . . .	Jan. 5, 1921
Second Half-year begins, 8:30 A. M. . . . .	Feb. 7
Third Quarter ends, 1:00 P. M. . . . .	Mar. 26
Spring Recess begins, 1:00 P. M. . . . .	Mar. 26
Spring Recess ends, 8:30 A. M. . . . .	April 4
Senior Class Day. . . . .	June 9
Commencement and Alumni Day. . . . .	June 10





# HAVERFORD COLLEGE

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## HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York, who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its 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; but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of

## HAVERFORD COLLEGE

invested funds yielding interest has been increased to over two and one-half million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whittall Hall, a new three-story structure, was built. The Biological Laboratory was established in 1886; Chase Hall for lectures and recitations, and the Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years during a period of rapid development made possible largely by the general and unfailing coöperation of the alumni, the following additions have been made to the College equipment: in 1899, the Logan and Norris sections of Lloyd Hall, a dormitory; in 1900, a large and well equipped Gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with College offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Chemical Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C. Strawbridge, and a concrete grandstand, the gift of

## HISTORY

Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, with laboratories for biology and physics. In addition to these College buildings there are a number of residences on the grounds which are occupied for the most part by professors.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred and twenty-five acres with an estimated present value of over one and one-half million dollars. While the greater part 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 five fields for cricket, base-ball, American Rugby and association foot-ball, a running-track, six 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

## HAVERFORD COLLEGE

essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys 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. General courses are now given in arts and science. The endowment for salaries and pensions 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 about twice the sum which he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow-students. The deep religious spirit 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. In the admission of students and in the appointment of instructors there are no denominational distinctions. 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."

## CORPORATION

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### *President*

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## HAVERFORD COLLEGE

### *Term Expires 1920*

WILLIAM H. HAINES.....	1136 Ridge Ave., Phila.
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JOHN M. WHITALL.....	410 Race St., Phila.
*ISAAC SHARPLESS.....	Haverford, Pa.
MORRIS E. LEEDS.....	4901 Stenton Ave., Germantown, Phila.
EDWARD W. EVANS.....	304 Arch St., Phila.
HENRY COPE.....	Awbury, Germantown, Phila.
T. CHALKLEY PALMER.....	<b>R. F. D. No. 2, Media, Pa.</b>

### *Term Expires 1921*

JAMES WOOD.....	Mt. Kisco, N. Y.
ABRAM F. HUSTON.....	Coatesville, Pa.
THOMAS F. BRANSON.....	Rosemont, Pa.
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ALBERT L. BAILY.....	1508 Walnut St., Phila.
WILLARD E. SWIFT.....	5 Massachusetts Ave., Worcester, Mass.

### *Term Expires 1922*

GEORGE VAUX, JR.....	1606 Morris Building, Phila.
FREDERIC H. STRAWBRIDGE.....	801 Market St., Phila.
JONATHAN M. STEERE.....	Girard Trust Co., Phila.
L. HOLLINGSWORTH WOOD.....	20 Nassau St., New York, N. Y.
STANLEY RHOADS YARNALL, Germantown Ave. and Coulter St., Germantown, Phila.	
HENRY M. THOMAS.....	1228 Madison Ave., Baltimore, Md.
WILLIAM WISTAR COMFORT.....	Haverford, Pa.
RICHARD M. GUMMERE.....	8 South Twelfth St., Phila.

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\* Deceased January 16, 1920.

STANDING COMMITTEES OF THE  
BOARD OF MANAGERS

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JOHN M. WHITALL	FREDERIC H. STRAWBRIDGE
*ISAAC SHARPLESS	MORRIS E. LEEDS
CHARLES J. RHOADS	J. HENRY SCATTERGOOD
GEORGE VAUX, JR.	STANLEY R. YARNALL

*Committee on Finance and Investments*

WILLIAM H. HAINES	CHARLES J. RHOADS
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J. STOGDELL STOKES	EDWARD W. EVANS
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*Committee on College Property and Farm*

FREDERIC H. STRAWBRIDGE	ABRAM F. HUSTON
JOHN M. WHITALL	DANIEL SMILEY
T. CHALKLEY PALMER	

**The President of the Corporation is *ex officio* a member of all standing committees.**

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\* Deceased January 16, 1920.

## FACULTY \*

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WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.  
President

† ISAAC SHARPLESS, SC.D., LL.D., L.H.D.  
President, *Emeritus*, and Dean of the Thomas Wistar  
Brown Graduate School

ALLEN CLAPP THOMAS, A.M.  
Professor of History, *Emeritus*, and Consulting Librarian

LYMAN BEECHER HALL, PH.D.  
John Farnum Professor of Chemistry, *Emeritus*

ALBERT SIDNEY BOLLES, PH.D., LL.D.  
Lecturer on Commercial Law and Banking, *Emeritus*

‡ HENRY SHERRING PRATT, PH.D.  
David Scull Professor of Biology

JAMES ADDISON BABBITT, A.M., M.D.  
Professor of Hygiene and Physical Education

RUFUS MATTHEW JONES, A.M., LITT.D.  
Professor of Philosophy

DON CARLOS BARRETT, PH.D.  
Professor of Economics

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\* Arranged in order of appointment to present rank.

† Deceased January 16, 1920.

‡ Absent on leave.



*FACULTY*

LEGH WILBER REID, PH.D.  
Professor of Mathematics

FREDERIC PALMER, JR., PH.D.  
Dean and Professor of Physics

WILLIAM EDWARD LUNT, PH.D.  
Walter D. and Edith M. L. Scull Professor of English  
Constitutional History

ELIHU GRANT, PH.D.  
Professor of Biblical Literature

LEON HAWLEY RITTENHOUSE, M.E.  
Associate Professor of Engineering

RAYNER WICKERSHAM KELSEY, PH.D.  
Associate Professor of History

ALBERT HARRIS WILSON, PH.D.  
Associate Professor of Mathematics

FRANK DEKKER WATSON, PH.D.  
Associate Professor of Social Work

DEAN PUTNAM LOCKWOOD, PH.D.  
Librarian and Associate Professor of Latin

OSCAR MARSHALL CHASE, S.M.  
Registrar and Assistant Professor of Drawing

\* THOMAS KITE BROWN, JR., PH.D.  
Assistant Professor of German

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\* Resigned.

HAVERFORD COLLEGE

EDWARD DOUGLAS SNYDER, PH.D.  
Assistant Professor of English

WILLIAM BUELL MELDRUM, PH.D.  
Assistant Professor of Chemistry

JAMES MCFADDEN CARPENTER, JR., A.M.  
Instructor in Romance Languages

LEVI ARNOLD POST, A.M., B.A.  
Instructor in Greek

ARTHUR WALKER BULL, B.CHEM.  
Instructor in Chemistry

WALTER ALINERIAN HILDRETH, A.M.  
Instructor in German

ELMER LENTZ SHAFFER, A.M.  
Instructor in Biology

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\* WILLIAM HENRY COLLINS, A.M.  
Superintendent of Buildings and Grounds

† HELEN SHARPLESS  
Assistant Librarian

PERCY GAYDE GILBERT  
Assistant in the Engineering Laboratory

GEORGE ELTON DAVIS, A.B.  
Assistant in Physics

MILTON HAMMOND STANSBURY, A.B.  
Assistant in English

---

\* Resigned.

† Absent on leave.

## STANDING COMMITTEES OF THE FACULTY

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LIBRARY—President Comfort, Chairman; Professors Thomas, Pratt, Jones, Grant, Lunt and Lockwood.

DELINQUENT STUDENTS — Professor Reid, Chairman; Professors Barrett, Palmer and Snyder.

STUDENT PETITIONS—Dean Palmer, Chairman; Professors Rittenhouse, Kelsey and Meldrum.

ATHLETICS—President Comfort, Chairman; Professor Babbitt, Dean Palmer and Mr. Post.

ADVANCED DEGREES—Professor Reid, Chairman; Professors Jones, Lunt, Watson, Meldrum, Lockwood.

CATALOGUE—Professor Wilson, Chairman; Professor Snyder and Mr. Post.

PRIZES—Professor Jones, Chairman; Professors Lunt and Snyder.

## ADMISSION

Candidates for admission to the Freshman class shall make application on a blank which will be furnished on request, by the President of the College. (See page 85.)

Each candidate shall also present a certificate of character from the principal of the school last attended. Principals are requested to write fully as to the character, habits, and ability of applicants. Such statements will have due weight in determining the question of admission.

The subjects which may be presented for admission are divided into two groups in accordance with the following table. The figures given represent "units" according to the system of the Carnegie Foundation.\*

Group I (required of all candidates) :

English A <sup>†</sup>	}	(English 1 and 2).....	3
English B			
Algebra A (Mathematics A 1)	}	.....	1½
Algebra B (Mathematics A 2)			
Plane Geometry (Mathematics C).....			1
One History .....			1

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\* "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 sixteen units of work."

† For definitions of these subjects see pages 22-34. The names in parentheses represent the terms used for the corresponding requirements of the College Examination Board (see page 20). See also the first footnote on page 19.

## ADMISSION

Group II (elective) :

Latin A (Latin 1, 2 and 3) . . . . .	2	
Latin B	$\left\{ \begin{array}{l} \text{Cicero (Latin 4)} \\ \text{Vergil (Latin 5)} \\ \text{Composition (Latin 6)} \end{array} \right\}$	2*
Greek (Greek A 2, B G and C) . . . . .	3	
Elementary German (German A) . . . . .	2	
Advanced German (German B) . . . . .	1	
Elementary French (French A) . . . . .	2	
Advanced French (French B) . . . . .	1	
Elementary Spanish (Spanish) . . . . .	2	
Botany . . . . .	1	
Chemistry . . . . .	1	
Histories, each . . . . .	1	
Physics . . . . .	1	
Physiology . . . . .	1	
Solid Geometry (Mathematics D) . . . . .	$\frac{1}{2}$	
Plane Trigonometry (Mathematics F) . . . . .	$\frac{1}{2}$	

Every student must present for admission subjects having a total value of  $14\frac{1}{2}$  units arranged as follows:

*For A.B. degree:*

All subjects in Group I . . . . .	$6\frac{1}{2}$
Latin A and Latin B . . . . .	4
(Or Greek, 3 units)	
Other subjects from Group II (including one language) . . . . .	4
(Or, with Greek, 5 units)	

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\* Any two of the three subdivisions under Latin B together with Latin A will be accepted as constituting three units.

HAVERFORD COLLEGE

For the S.B. degree:

All subjects in Group I.....	6½
Subjects from Group II (including at least four units in the languages).....	8

The candidate may give evidence of his preparation in these requirements by either of the following plans for admission:

I. *By Examination only.* The candidate must take entrance examinations in *all* the subjects which he presents for admission. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter college, but no student will be admitted to a preliminary examination without a certificate from his teacher specifying the subjects in which he is prepared.

Students unable to pass all the examinations may be admitted with a few conditions. Each case will be decided on its merits.

II. *By both Examination and Certificate.* This system may be employed by school graduates only. The graduate must present, on blanks supplied by the College and signed by the principal of the school which he has attended, a complete record of his work on all subjects during the last four years of preparation, with the time spent and the grade received in each study. This work is expected to include the subjects with a total value of 14½ units prescribed on the preceding page.

He must also take entrance examinations in three subjects,—English, mathematics, and one foreign language. The English will be the examination defined as English B.

## ADMISSION

The mathematics will be both Algebra B and Plane Geometry. The language required will be, for the A.B. degree, either Latin B or Greek; for the S.B. degree, Latin B or Greek or Elementary German or Elementary French.\* The three examinations must all be taken *and passed at one time* either in June or September.

On the basis of his certificate and his marks in these examinations the applicant will be either admitted without conditions or rejected with permission to apply again for admission according to either plan.†

This plan is intended mainly for good students, who, deciding late in their school courses to enter Haverford, would find it difficult to prepare themselves for examination in all their entrance subjects, but could readily pass a good examination in three fundamental subjects of their school course and present a satisfactory certificate for all of it. Candidates of only average ability and those who can take preliminary examinations in regular order will gain nothing by adopting this plan.

*Special Students.*—A few students not candidates for degrees may be received to pursue special courses. All such candidates under twenty-one years of age must satisfy the entrance requirements demanded of regular students.

*Advanced Standing.*—Candidates may be admitted to advanced classes if found proficient in all the preceding

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\* Students entering by both examination and certificate may use the following "Comprehensive Examinations" of the College Entrance Examination Board: English, Mathematics C3, and either Latin C4, Greek C3, French C2, or German C2.

† In a few exceptional cases a student who fails in one examination but passes the other two examinations with high marks may be admitted if at the next examination period he repeats the examination in the subject in which he failed and passes it with a high mark.

## HAVERFORD COLLEGE

studies of the course. Each case will be considered on its merits. Students entering from other colleges must present certificates of honorable dismissal.

### SCHEDULE OF EXAMINATIONS FOR ADMISSION

*Haverford College Entrance Examinations held in June will be discontinued after 1920; applicants for admission will thereafter be expected to take examinations offered either by the College Entrance Examination Board or by the Regents of the State of New York.*

For admission to the Freshman class according to either of the plans described above, examinations may be taken in the following ways:

1. The College Entrance Examination Board holds, in June at many different places, examinations which cover the Haverford requirements. For information address the Board at 431 W. 117th St., New York, N. Y.

2. Similar examinations are held every spring by the Regents of the State of New York.

3. Special Haverford examinations are held in June at Friends' Select School, 140 N. Sixteenth Street, Philadelphia, and in September at the College. For students living at a distance special arrangements may be made for taking these examinations at the same hours elsewhere. In 1920 the order of Haverford examinations will be as follows:

June 14th and September 20th.

9.00-11.30	Elementary German.
11.30- 1.00	Advanced German.



*ENTRANCE EXAMINATIONS*

- 10.00-12.00 Spanish.
- 12.00- 1.00 English A.
- 2.00- 4.00 English B.
- 4.00- 5.30 Physics.

June 15th and September 21st.

- 9.00-10.00 Cicero.
- 10.00-11.00 Vergil.
- 11.00-11.45 Composition.
- 11.30- 1.00 Latin A.
- 9.00-10.30 Botany.
- 10.30-12.00 Chemistry.
- 10.30-12.00 Physiology.
- 2.00- 4.00 Elementary French.
- 4.00- 5.30 Advanced French.
- 2.00- 3.15 Xenophon.
- 3.15- 4.30 Homer and Sight Translation.
- 4.30- 5.30 Greek Composition.
- 2.00- 5.00 Solid Geometry and Trigonometry.

} Latin B.

June 16th and September 22nd.

- 9.00-10.30 Plane Geometry.
- 10.30-12.00 Algebra B.
- 12.00- 1.00 Algebra A.
- 2.00- 3.15 Ancient History.
- 3.15- 4.30 American History and Civil Govern-  
ment.
- 4.30- 5.45 Medieval and Modern European His-  
tory.
- 4.30- 5.45 English History.

## HAVERFORD COLLEGE

### REQUIREMENTS FOR ADMISSION IN THE SEVERAL SUBJECTS

#### ENGLISH \*

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English.

#### REQUIREMENT FOR 1920-1922

The study of English in school has two main objects, which should be considered of equal importance: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation, and the development of the habit of reading good literature with enjoyment.

#### *Grammar and Composition.*

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general

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\* Reprinted from Document 93 of the College Entrance Examination Board.

## ADMISSION

knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

### *Literature.*

The second object is sought by means of the reading and study of a number of books from which may be framed a progressive course in literature. The student should be trained in reading aloud and should be encouraged to commit to memory notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

A few of these books should be read with special care, greater stress being laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

## EXAMINATION, 1920-1922

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

### *Grammar and Composition.*

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of

## HAVERFORD COLLEGE

these studies, such as the relation of the various parts of a sentence to one another, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words an hour.

### *Literature.*

The examination will include:

*A.* Questions designed to test such knowledge and appreciation of literature as may be gained by an intelligent reading of the books given in List *A* below.

*B.* A test on the books in List *B* below. This will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

### *Division of Examination.*

When parts *A* and *B* of the examination are taken at different times, each will include a test in grammar and composition.

## ADMISSION

### LIST OF BOOKS, 1920-1922

#### A. Books for Reading

The books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except that for any book in GROUP I a book from any other may be substituted.

##### Group I.—Classics in Translation.

The Old Testament, at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther.

The Odyssey, with the omission, if desired, of Books I-V, XV, and XVI.

The Æneid.

The Odyssey and the Æneid should be read in English translations of recognized literary excellence.

##### Group II.—Drama.

Shakespeare: Merchant of Venice.  
As You Like It,  
Julius Cæsar.

##### Group III.—Prose Fiction.

Dickens: A Tale of Two Cities.  
George Eliot: Silas Marner.  
Scott: Quentin Durward.  
Hawthorne: The House of the Seven Gables.

##### Group IV.—Essays, Biography, etc.

Addison and Steele: The Sir Roger de Coverly Papers.

HAVERFORD COLLEGE

Irving: The Sketch Book—selections covering about 175 pages.

Macaulay: Lord Clive.

Parkman: The Oregon Trail.

Group V.—Poetry.

Tennyson: The Coming of Arthur, Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur.

Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus.

Scott: The Lady of the Lake.

Coleridge: The Ancient Mariner, and Arnold: Sohrab and Rostum.

B. Books for Study

The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I.—Drama.

Shakespeare: Macbeth, or Hamlet.

Group II.—Poetry.

Milton: L'Allegro, Il Penseroso, Comus.

Book IV of Palgrave's Golden Treasury (First Series), with special attention to Wordsworth, Keats, and Shelley.

## ADMISSION

### Group III.—Oratory.

Burke: Speech on Conciliation with America.

Washington's Farewell Address, Webster's First Bunker Hill Oration, and Lincoln's Gettysburg Address.

### Group IV.—Essays.

Macaulay: Life of Johnson.

Carlyle: Essay on Burns, with a brief selection from Burns's Poems.

## THE COMPREHENSIVE EXAMINATION IN ENGLISH

The purpose of this examination will be to test the ability of the candidate to define clearly, in writing, ideas gained both from books and from the life around him, and to read with accuracy and appreciation literature as varied in subject matter and form as that listed under "Uniform Entrance Requirements in English." Accuracy in the technique of writing will be insisted upon, but no paper will be considered satisfactory which does not show, in addition to this accuracy, that the student is able to think for himself and to apply what he has learned to the solution of unexpected problems. Although knowledge of the subject matter of the particular books prescribed in the "Uniform Entrance Requirements in English" is not necessary, yet the requisite ability cannot be gained without a systematic and progressive study of good literature.

A candidate for admission to Haverford "by examination only" (see above, p. 18) is required to take the examinations designated as English A and English B, as given by the College Entrance Examination Board or by Haverford College.

## HAVERFORD COLLEGE

A candidate whose certificate entitles him to apply for admission "by both examination and certificate" (see above, p. 18) may take either English B or the Comprehensive Examination in English. The latter is given only by the College Entrance Examination Board; while difficult, it does offer certain advantages to one whose study of literature has not been based on the books listed for special study in English B.

### MATHEMATICS

The definition of the requirements in Mathematics is the same as that of the College Entrance Examination Board.

In each subject stress will be laid upon accuracy and neatness of work. Results should be verified.

*Algebra A*—To Quadratics.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

*Algebra B*—Quadratics and beyond.

Quadratic equations, both numerical and literal.

Simple cases of equations, with one or more unknown



## ADMISSION

quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the  $n$ th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial affairs. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

### *Plane Geometry.*

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including problems in loci.

Applications to the mensuration of lines and plane surfaces.

### *Solid Geometry.*

The usual theorems and constructions of good textbooks, including the relation of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

## HAVERFORD COLLEGE

The solution of numerous original exercises, including problems in loci.

Application to the mensuration of surfaces and solids.

### *Plane Trigonometry.*

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of the principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles, and practical applications.

## HISTORY

(a) *Ancient History*, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages down to the death of Charlemagne.

(b) *Medieval and Modern European History*, from the death of Charlemagne to the present time.

(c) *English History*.

(d) *American History and Civil Government*.

## ADMISSION

Each of the above subjects is intended to represent one year of historical work wherein the study is given five times a week, or two years of historical work wherein the study is given three times a week.

The work should include the use of good text-books, collateral reading, practice in written work, and in locating places and movements on outline maps. The candidate should be trained in comparison and in the use of judgment as well as in the use of memory.

### LATIN

*Latin A.* Cæsar, *Gallic War*, Books I-IV. Forms and constructions and sight translation.

*Latin B.* (a) Cicero, the speech *On the Manilian Law*, the speech *For Archias*, and either the four speeches *Against Catiline* or an equivalent; sight translation. (b) Vergil, *Aeneid*, Books I, II, either IV or VI, and either three other books of the *Aeneid* or an equivalent; sight translation. (c) Translation into Latin of an English passage, based on some portion of the Cæsar or of the Cicero prescribed.

### GREEK

(a) Xenophon, *Anabasis*, Books I-IV. (b) Homer, *Iliad*, Books I-III, omitting the Catalogue of Ships. (c) The translation at sight of simple Attic prose. (d) The translation into Greek of a simple English passage based upon some portion of Xenophon prescribed.

The examinations will be designed to test the candidate's knowledge of grammatical forms and constructions, his ability to translate into idiomatic English, and the intelligence with which he has read the prescribed books.

## HAVERFORD COLLEGE

### GERMAN

*Elementary German*, admitting to German 1. A knowledge of German grammar and vocabulary sufficient to enable the candidate to translate at sight into idiomatic English easy passages taken from modern German prose; to write out typical declensional and conjugational paradigms and such other grammatical forms as are usually given in school grammars; and to translate into German simple English sentences or a piece of easy connected prose.

Candidates should have read in preparation not less than three hundred pages of modern German, including reading at sight, from the works of at least three different authors.

*Advanced German*, admitting to German 2. A more thorough knowledge of grammar, vocabulary and idiom than that required for Elementary German, enabling the candidate to read at sight more difficult prose as well as poetry, and to translate into German a number of English sentences or a piece of connected prose requiring both appreciation of the English idiom and knowledge of the corresponding German idiom. The work done in German 1 (see page 45) will be considered adequate for preparation.

Students presenting themselves for examination in Advanced German will not be given credit for it unless they pass also the examination in Elementary German.

Students who fail in the examination in Elementary German will not be allowed to enter German 1 without special permission of the instructor; students who fail in the examination in Advanced German will not be permit-

## ADMISSION

ted to present themselves for re-examination in Advanced German if they have taken German in college.

### FRENCH

*Elementary French*, admitting to French 1. (a) Proficiency in elementary grammar including the more common irregular verbs. (b) Ability to translate simple French prose and to put into French short sentences requiring a knowledge of the simpler idioms. Candidates should have read in preparation not less than three hundred pages, including reading at sight, from the works of at least three different authors.

*Advanced French*, admitting to French 2. (a) Thorough knowledge of grammar. (b) Ability to translate ordinary French of the nineteenth century. (c) Command of idiom sufficient to put into French a connected passage of ordinary English prose. As preparation an equivalent of the work done in French 1 (see page 47) is adequate.

Students who have presented themselves for examination in Advanced French will not be given credit for it unless they have passed also the examination in Elementary French.

### SPANISH

Only Elementary Spanish is offered and the requirements are identical with those given above for Elementary French.

### BOTANY

The requirement will be one year's work. The student will be expected to have a fairly definite knowledge of the

## HAVERFORD COLLEGE

seed and seedling, root, stem, and leaf, the flower and fruit, the cell, and the natural history and classification of plants. The student's original laboratory note-book, endorsed by his teacher, must be presented at the time of the examination.

### CHEMISTRY

The requirements in chemistry will comprehend a course of at least sixty experiments performed by the pupil and accompanied by systematic instruction in the common elements and their compounds, including chemical equations, the simple gas laws, and the fundamental atomic and molecular theories. The student's original laboratory note-book, endorsed by his teacher, must be presented at the time of the examination.

### PHYSICS

The requirement will be one year's work, covering mechanics, sound, heat, light, magnetism, and electricity. Emphasis will be laid upon the solution of problems. At least two hours per week of laboratory work must be included. Note-books must be left with the instructor at the time of the examination.

### PHYSIOLOGY

The requirement will be one year's work, and will cover the general principles of the subject; functional activity of muscular, nervous, epithelial, and connective tissues; the digestive, circulatory, excretory, and respiratory systems, and the special senses.

## COURSE OF STUDY

The course of study includes both required and elective subjects, thus combining the breadth of knowledge and culture that comes from variety of studies with opportunity for concentration on limited fields. In addition to a general course in arts or in science, by proper choice of electives more specialized courses can be taken in mechanical engineering, in electrical engineering, or in the preparatory work required for admission to medical schools.

*Required Subjects.*—For the A.B. degree either Greek or Latin must be presented for entrance, and one of these languages and English must be taken in both Freshman and Sophomore years. One other language and mathematics must be taken in Freshman year. One course in laboratory science is required before graduation; this may either be taken in Freshman year, or deferred and offered in fulfilment of the further requirement that *one* course from the group *biology, chemistry, physics, and mathematics*, be taken after Freshman year. Certain courses in history, economics, psychology, Biblical literature, ethics, and sociology are required during the last three years.

For the S.B. degree the four foreign language units required for entrance may be presented from any of the five languages in which examinations are held, but English and either French or German must be taken in both Freshman and Sophomore years. One other language and mathematics must be taken in Freshman year. One course in laboratory science is required before graduation; this may either be taken in Freshman year, or deferred and

## HAVERFORD COLLEGE

offered in partial fulfillment of the further requirement that *two* courses from the group *biology, chemistry, physics* and *mathematics* must be taken after Freshman year. Certain courses in history, economics, psychology, Biblical literature, ethics, and sociology are required during the last three years.

*Elective Subjects.*—Some choice in languages and in one other group of subjects is allowed in Freshman year. Two electives are to be chosen in Sophomore year. In both Junior and Senior years four elective courses are required and a fifth is permitted. But in the choice of electives, in order to encourage proper concentration, it is required that after Freshman year at least nine full-year hours be taken in one department and at least six full-year hours in each of two other departments.\* The nine hours must be distributed over at least two years.

*Special Students.*—Students in good academic standing may be permitted, after consultation with the Dean and the instructors concerned, to pursue special courses, not leading to a degree. Such students must take a schedule of not less than 15 hours a week, and must maintain a grade of at least 70 for the year in each course.

*Conflicting Courses.*—A student may not elect conflicting courses except with the consent of the Dean and the two instructors concerned; furthermore, no cuts are allowed in either of the two courses except those actually occasioned by the conflict.

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\* In fulfillment of this requirement, no account shall be taken of courses intended primarily for Freshmen (namely Biology 1a, Engineering 1 and 1', English 1, French A, German A, Mathematics 1 and 1', Physics A) even though these courses be taken after Freshman year.



## *COURSE OF STUDY*

The details of the curriculum and schedule for 1920-21 as set forth on pages 38 and 39 may be considered final except in the case of a few courses for which hours will be arranged later. In most cases requests to have the schedule modified to suit the convenience of a few students cannot be granted, as such modifications have been found to cause complications.

In planning their studies for the second and third years following, students may be reasonably certain that courses which do not conflict according to the present arrangement will not do so in the future.

## CURRICULUM

<i>Freshman Year</i>	HOURS
English 1.....	2
Two from* { Latin 1 Greek A or 1 French A, 1, or 2 German A, 1, or 2 }.....	8
Mathematics 1 and 1'.....	4
One from { Chemistry 1 Physics A Engineering 1 and 1' History 1 }.....	3 or 4
Physical Training (Biology 1a first quarter).....	2
 <i>Sophomore Year</i>	
English 3.....	2
History 2a and Economics 1b.....	3
One of the languages taken in Freshman year*.....	4
Two from* { Greek A, 1, or 2 Latin 1 or 2 French A, 1, or 2 German A, 1, or 2 Biology 2 Chemistry 1, 2, 3, or 4 Physics 1 Mathematics 2 Engineering 2 and 2' }.....	8
Physical Training.....	2
 <i>Junior Year</i>	
Biblical Literature 1a and Philosophy 1b.....	3
Elective courses* .....	12†
 <i>Senior Year</i>	
Philosophy 5a and Sociology 3b.....	3
Elective courses* .....	12†

\* See requirements in languages and sciences mentioned on page 35.

† Not less than 15 and not more than 20 hours may be taken altogether in either half of Junior or of Senior years.



## COURSES OF INSTRUCTION

[Unless otherwise indicated all courses are offered in 1920-21.]

### GREEK

Either Greek 1 and 2 (or A and 1) or Latin 1 and 2 are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Greek courses are open as electives to those properly qualified.

For New Testament Greek see Biblical Literature 5.

A. *Course for Beginners.* Thorough study of the elements of the language, followed by the reading of simple Attic prose. This course gives adequate preparation for Greek 1. Students who do not present Greek for admission and desire to begin the study in College, whether they intend to continue in the more advanced courses or not, are strongly advised to elect Greek A in Freshman year, if possible, rather than later.

Mr. Post; 4 hours.

1. *Freshman Greek.* Selections from various prose authors; Homer, *Odyssey*. Sight reading. Collateral reading on Greek private life and Greek mythology.

Mr. Post; 4 hours.

2. *Sophomore Greek.* Xenophon, *Memorabilia*; Plato, *Apology*; selections from Aristophanes' *Clouds*; selected Greek tragedies. Sight reading. History of Greek literature.

Mr. Post; 4 hours.

## COURSES OF INSTRUCTION

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

Mr. Post ; 3 hours.

4. *Advanced Greek.* A continuation of the work done in Greek 3.

Mr. Post ; 3 hours.

5. *Advanced Greek Prose Composition.* This course should be taken for at least one year by all candidates for honors in Greek.

Mr. Post ; 1 hour.

6b. *Greek Literature in English.* Lectures on Greek literature. Reading of Greek classics in translation. Essays and discussions. This course is intended primarily for those who have not studied Greek.

Mr. Post ; 3 hours, second half-year.

## LATIN

Either Latin 1 and 2 or Greek 1 and 2 (or A and 1) are required of candidates for the A.B. degree in Freshman and Sophomore years respectively. All Latin courses are open as electives to those properly qualified.

A. *Cicero and Vergil.* This course, usually given in alternate years, is equivalent to the entrance requirements in Cicero and in Vergil (see page 31).

Mr. Post ; 2 hours.

1. *Freshman Latin.* Roman literature—Part I. The Republic and the Augustan Age. Reading of selections from the historians and from Plautus, Terence, Cicero,

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Catullus, and Vergil. Translation at sight. Prose composition.

Professor Lockwood; 4 hours.

2. *Sophomore Latin.* Roman literature—Part II. The Augustan Age and the Empire. Reading of selections from Horace, the elegists, Seneca, Pliny, Martial, Juvenal, and Tacitus. Translation at sight.

Professor Lockwood; 4 hours.

3. *Latin Literature.* Students electing Latin in the Junior year will meet with the instructor in small groups. The reading will be adapted to the needs of the individual student.

Professor Lockwood; 3 hours.

4. *Latin Literature.* A continuation of the work done in Latin 3.

Professor Lockwood; 3 hours.

5. *Advanced Latin Composition.*

Professor Lockwood; 1 hour.

## ENGLISH LANGUAGE AND LITERATURE

The courses formerly given by the late Professor Francis B. Gummere are being conducted in 1919-20 by the following visiting lecturers: Mr. C. D. Morley, Professors J. S. P. Tatlock, Frank Aydelotte, E. K. Broadus, J. H. Hanford, and G. R. Elliott, and Mr. A. K. Gray.

All Freshmen are required to take English 1, all Sophomores English 3. The other courses are elective for Juniors and Seniors. No student will be graduated who cannot write a creditable style extemporaneously.

## COURSES OF INSTRUCTION

1. *Freshman English Composition.* Informal lectures, weekly themes of about three pages, and weekly or fortnightly conferences with one of the instructors.

Professor Snyder and Mr. Stansbury; 2 hours.

3. *Sophomore English Literature.* A rapid survey of English literature from Chaucer to Tennyson. The purpose of the course is twofold: to give constant practice in reading rapidly, but with intelligent appreciation, the masterpieces of English literature; and to furnish an adequate foundation of literary history for the more detailed study in the elective courses of the Junior and Senior years.

Professor Snyder; 2 hours.

6a. *Argumentation and Debating.* Open to Seniors and Juniors, and by special permission to Sophomores.

Professor Snyder; 3 hours, first half-year.

8a. *Early English.* Bright, *Anglo-Saxon Reader; Elene.*

—————; 3 hours, second half-year.

9a. *Middle English.* English literature in the thirteenth and fourteenth centuries. Chaucer, *Canterbury Tales.* English and Scottish ballads. Lectures and readings.

—————; 3 hours, first half-year.

10b. *Elizabethan Literature.* Lectures on the development of the drama, down to Shakspeare. Readings in Elizabethan drama. All the plays of Shakspeare, two of which are read critically in class.

—————; 3 hours, second half-year.

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11b. *English Literature of the Seventeenth Century.* Lectures with readings in the general literature and a special study of Milton. Selections from the minor poems, *Comus*, certain books of *Paradise Lost*, and all of *Samson Agonistes* are read in class.

—————; 3 hours, second half-year.

12a. *Eighteenth Century Literature.* I. Pope and his enemies. II. Dr. Johnson and his friends. III. Early English novelists. IV. Early English romantic poets. Lectures, classroom discussions, and frequent written tests.

Professor Snyder; 3 hours, first half-year.

13a. *Nineteenth Century Poetry.* Interpretative analysis of poems selected from the works of Coleridge, Wordsworth, Scott, Shelley, Byron, Keats, Rossetti, Arnold, Tennyson, and Browning. Lectures, classroom discussions, and frequent written tests.

Professor Snyder; 3 hours, first half-year.

[Not offered in 1920-21.]

14b. *Nineteenth Century Prose.* A rapid reading course in the works of the masters of modern English prose. More than half the semester is spent in studying the great novelists. Lectures, classroom discussions, and frequent written tests.

Professor Snyder; 3 hours, second half-year.

15b. *The Contemporary Drama.* A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. The required reading consists of two plays each week or an equivalent amount of dramatic criticism.

Professor Snyder; 3 hours, second half-year.

[Not offered in 1920-21.]



## COURSES OF INSTRUCTION

### GERMAN

All German courses are elective for those who have satisfactorily completed the prerequisites.

Students wishing to qualify for German 1 may present a satisfactory certificate of their school instruction or may pass the final examination in German A or the entrance examination in Elementary German.

Courses A, 1 and 2 are offered every year. The advanced courses, 3-7 inclusive, may be offered in any combination for which there is sufficient demand. Students expecting to elect any of these should consult the instructor at an early date, in order that the courses to be offered in any given year may be determined.

A. *Course for Beginners.* Grammar, reading, composition, conversation, dictation, sight-reading. Bacon, *Elements of German*. Such books as the following are read: Betz, *Till Eulenspiegel*; Storm, *Immensee*; Schiller, *Der Neffe als Onkel*; Hauff, *Die Karawane*; Zschokke, *Der zerbrochene Krug*; Heyse, *L'Arrabbiata*; von Hil- lern, *Höher als die Kirche*.

Mr. Hildreth; 4 hours.

1. *Freshman German.* Review of grammar and composition. Such books as the following are read: Eichen- dorff, *Aus dem Leben eines Taugnickts*; Gerstäcker, *Irrfahrten*; Ernst, *Asmus Sempers Jugendland*; Schurz, *Lebenserinnerungen*; Baumbach, *Das Habichtsfräulein*. The following books may be read outside of class: Fouqué, *Undine*; Dahn, *Ein Kampf um Rom* (abridged); Sudermann, *Frau Sorge*; von Scheffel, *Der Trompeter von Säckingen*.

Mr. Hildreth; 4 hours.

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2. *Sophomore German.* Study in class of representative classics of modern German literature from the works of the following authors: Lessing, Goethe, Schiller, H. von Kleist, Grillparzer, Hebbel, Ludwig, Freytag. Outside reading of selected works. Composition.

Mr. Hildreth; 4 hours.

3b. *Prose Composition.* Review of grammar. Pope, *German Prose Composition.* Dictation, conversation, written reports in German. A text, such as Bacon, *Im Vaterland*, is used as a basis for the introduction of the student to the language of modern daily life, and for discussion of German institutions.

3 hours, second half-year.

4a. *Goethe and Schiller.* Lectures and readings on the classical period of German literature, with especial attention to the lives and works of the two dominant figures.

3 hours, first half-year.

5a. *Goethe's Faust.* A detailed study in class of both parts of *Faust*. Lectures on the early legends of Faust and their treatment in European literature. Outside reading of various kindred dramas, such as Calderón, *El Mágico Prodigioso*; Marlowe, *Doctor Faustus*; Byron, *Manfred*; Browning, *Paracelsus*; Hauptmann, *Die versunkene Glocke*. Written reports on topics from the outside reading.

Mr. Hildreth; 3 hours, first half-year.

6b. *German Literature of the Nineteenth Century.* Lectures on the main literary phenomena of the last century. Study in class of typical works of such writers as H. von Kleist, Arndt, Körner, Heine, Uhland, Grillparzer, Hebbel, Sudermann, Hauptmann.

3 hours, second half-year.

## COURSES OF INSTRUCTION

7b. *Middle High German Literature.* Wright, *Middle High-German Primer*; Bachmann, *Mittelhochdeutsches Lesebuch.* Lectures on Middle High German literature.  
3 hours, second half-year.

### ROMANCE LANGUAGES

All courses in the Romance languages are elective for Juniors and Seniors who have satisfactorily completed the prerequisites. The courses in Spanish and Italian are primarily for Juniors and Seniors.

#### *French*

Students wishing to qualify for French 1 may present a satisfactory certificate of their school instruction in French, or may pass the final examination in French A or the entrance examination in Elementary French.

A. *Course for Beginners.* Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

Mr. Carpenter; 4 hours.

1. *Freshman French.* Grammar, composition and reading, both in the class room and as outside work.

Mr. Carpenter; 4 hours.

2. *Sophomore French.* Reading of French classics, both in the class room and as outside work. Typical works of the following authors are read: Corneille, Racine, Molière, La Fontaine, La Bruyère, Mme. de Lafayette, Voltaire, Chateaubriand, Hugo, Balzac. Occasional lectures on the history of French literature. Composition.

Mr. Carpenter; 4 hours.

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3. *History of French Literature.* Lectures, with collateral reading and reports on the history of French literature from its origins to the present time.

President Comfort; 3 hours.

[Not offered in 1920-21.]

4. *Composition and Conversation.* A course in French conversation and advanced composition. This course may be elected only after consultation with the instructor.

Mr. Carpenter; 3 hours.

### *Spanish*

A. *Course for Beginners.* Grammar, composition and reading.

Mr. Carpenter; 3 hours.

[Not offered in 1920-21.]

1. *Spanish Literature.* Reading in class of selected works of authors of the nineteenth century and of the Golden Age. Occasional lectures on the literature of the respective periods. Outside reading and reports.

Mr. Carpenter; 3 hours.

### *Italian*

A. *Course for Beginners.* Grammar, composition and reading.

Mr. Carpenter; 3 hours.

[Not offered in 1920-21.]

## MATHEMATICS

The courses in mathematics are arranged as far as possible to suit the needs of those students who (1) take them as part of their required Freshman work and do not intend to proceed further in mathematics, or (2) elect

## COURSES OF INSTRUCTION

them as a minor subject and take either physics or engineering as a major subject, or (3) elect them as a major subject.

Courses 1, 2, 3, and 4 are given every year. The electives offered in any one year will be such as the needs of the department may require. Courses, either for undergraduates or graduates, on certain subjects other than those named below may be arranged for by consultation with the instructor.

In the Library will be found some of the principal journals, treatises, and collected works. Other works and journals may be consulted in neighboring libraries. In one of the lecture rooms is a collection of mathematical models.

Courses  $1a$ ,  $1b$ ,  $1a'$ , and  $1b'$  are required of all Freshmen, except that students who have presented solid geometry and trigonometry for entrance must substitute  $1c'a$  for  $1a'$ ,  $1c'b$  for  $1b'$ . The required courses, together with  $1c$ , constitute the honor courses in mathematics for Freshmen.

Course 2 is for Sophomores. This course, together with  $2c$ , constitutes the honor course in mathematics for Sophomores.

Course 3 should be taken by students electing mathematics in the Junior year. This course, together with  $3c$ , constitutes the honor course in mathematics for Juniors.

The Freshman and Sophomore prizes in mathematics are open only to students taking the honor courses in these years.

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1a and 1b. *Algebra*, including infinite series, undetermined coefficients, the binomial theorem for fractional and negative exponents, logarithms, probability, determinants, and the elements of the theory of equations. Fine, *College Algebra*.

Professor Reid; 2 hours.

1a'. *Solid Geometry and Mensuration*. Thompson, *Solid Geometry*.

Professor Wilson; 2 hours, first half-year.

1b'. *Trigonometry*. The elements of plane trigonometry, including the solution of right and oblique plane triangles, with applications to practical problems. Hun and MacInnes, *Plane Trigonometry*.

Professor Wilson; 2 hours, second half-year.

1c. *Special Topics in Algebra*.

Professor Reid; 1 hour.

1c'a. *Projective Geometry*. 1c'b. *Spherical Trigonometry*, with applications. These courses are open to all Freshmen who have passed examinations on acceptable courses in solid geometry and trigonometry in preparatory schools, and they must be taken by those who present these subjects as entrance credits.

Professor Wilson; 2 hours.

2. *Plane Analytic Geometry and Differential Calculus*. Fine and Thompson, *Coördinate Geometry*. Murray, *Differential Calculus*.

Professor Wilson; 4 hours.

2c. *Special Topics in Analytic Geometry*.

Professor Wilson; 1 hour.

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3. *Solid Analytic Geometry, Integral Calculus and Elementary Differential Equations.* Fine and Thompson, *Coördinate Geometry.* Murray, *Integral Calculus.*

Professor Reid; 3 hours.

3c. *Special Topics in Calculus.*

Professor Reid; 1 hour.

4. *Mechanics.* An historical sketch of the discovery of the principles of mechanics, followed by the mathematical treatment of statics, dynamics of a particle, and elementary rigid dynamics. Cox, *Mechanics*, and Lamb, *Dynamics.*

Professor Wilson; 3 hours.

A selection from the following courses is given each year. A student wishing to take any of them should apply to the professor in charge.

5. *Introduction to the Theory of Functions.* Prerequisites 3a and 3b. Pierpont, *Functions of a Complex Variable.*

Professor Reid; 3 hours.

6. *Theory of Equations.* Cajori, *Theory of Equations.* An introduction to the Galois theory.

Professor Reid; 3 hours, half-year.

7. *Differential Equations.* A study of the classical methods of solution of ordinary and partial differential equations, with applications to geometry, physics and mechanics. Prerequisite, 3b.

Professor Wilson; 3 hours.

8. *Elements of the Theory of Algebraic Numbers.*

Professor Reid; 3 hours.

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9. *Course in Analysis.* Wilson, *Advanced Calculus*, and lectures.

Professor Reid; 3 hours.

## HISTORY

*Professor Kelsey's courses will not be given during his absence in the academic year 1920-21. For the required course History 2a, Sophomores must substitute Sociology 2a.*

Course 1 is elective for Freshmen. Course 2a is required of all Sophomores. Courses 3, 4, 5 and 7 are elective for Juniors and Seniors. History 6 is open only to Seniors.

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

Professor Lunt; 3 hours.

2a. *American History.* A general course, including a brief survey of the colonial period and a more detailed study of the constitutional period to the close of the Civil War.

Professor Kelsey; 3 hours, first half-year.

3b. *United States History Since the Civil War.* In this course emphasis is laid upon those developments that help to explain the great political questions of the present.

Professor Kelsey; 3 hours, second half-year.



## COURSES OF INSTRUCTION

4. *English Constitutional History.* A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law.

Professor Lunt; 3 hours.

5. *Medieval History.* A survey of the history of Europe from the time of the barbarian invasions to about 1600. This course will be given only in alternate years.

Professor Lunt; 3 hours.

[Not offered in 1920-21.]

6. *Modern History.* This course is designed to lead the student through the avenues of history to an understanding of modern political problems. The first part of the course is a brief survey of European history since 1648. This is followed by a more detailed study of the period since 1815.

Professor Kelsey; 3 hours.

7a. *Early Oriental Civilizations.* A survey of the history of Egypt, Babylonia, Assyria and Persia, with special attention to the development of social institutions and of international relations.

Professor Grant; 3 hours, first half-year.

## ECONOMICS

Economics 1b is required of all Sophomores. The other courses are elective for Juniors and Seniors.

1b. *Elementary Economics.* The purpose of this course is to acquaint the student with the fundamental principles

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of economic science and to promote his preparation for the duties of citizenship. The principles are developed from a study and discussion of the actual processes and organization of industrial society. Several series of problems are set for solution and discussed in connection with the study of text-books and collateral reading.

Professor Barrett; 3 hours, second half-year.

*2a. Distribution and Socialism.* This course affords an opportunity for a careful study of some phases of economic principles. The primary purpose is to examine the distribution of wealth among the different classes of society and among individuals. Democratic control in industry, better human relationships between employer and employee, socialism, and other plans which are suggested as remedies for present day social discontent, are given considerable attention and the strength and weaknesses of each are investigated. Visits are made to industrial plants and other institutions of economic interest in Philadelphia and vicinity.

Professor Barrett; 3 hours, first half-year.

[Not offered in 1920-21.]

*3a. Labor Problems.* A study is made of the factory system, collective bargaining, trade unions, employers' associations, strikes and boycotts, methods of arbitration and conciliation, labor legislation and court decisions, employers' liability, workmen's insurance and compensation systems, etc. An extended investigation of some phase of the labor question is required of each student. Lectures and discussion of assigned readings.

Professor Barrett; 3 hours, first half-year.

*4a. Money and Banking.* The course begins with a review of the principles of money and of the functions

## COURSES OF INSTRUCTION

of a bank, followed by a brief survey of the history and present practice of banking in leading countries, but with extended study of conditions in the United States. Such problems as the monetary standard, credit, price movements and their effects on incomes and the cost of living, crises, foreign exchange, and the organization and operation of the Federal Reserve system are considered.

Professor Barrett; 3 hours, first half-year.

5b. *Financial Topics*. Important steps in the monetary, banking, and financial development of the United States. Especial attention is given to the greenbacks and the resumption of specie payments, constituting a study of America's experience with paper money in the period 1861-1879, and comparison is made with experiences resulting from the war of 1914. The period of America's business development since 1897 is reviewed. This course should be preceded by Economics 4a.

Professor Barrett; 3 hours, second half-year.

6b. *Corporations—Organization and Finance*. A study is made of business organization and functions, with especial emphasis on financing. The topics include forms of organization, covering individual proprietorships, partnerships, and corporations; legal rights and duties of the parties in the organization; the different functions of business enterprise—producing or rendering services, selling, financing, and management; problems of governmental regulation of combinations and trusts.

Professor Barrett; 3 hours, second half-year.

[Not offered in 1920-21.]

7b. *Transportation*. The historical development and present status of railway systems and water transportation in the United States are treated. The problems of

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rate-making, pooling, consolidation, public control, are discussed. The relation of railways to shippers and to the public is shown.

Professor Barrett; 3 hours, second half-year.

### SOCIOLOGY AND SOCIAL WORK

Courses 1 and 2 are elective for Juniors and Seniors; Course 3*b* is required of Seniors.

1. *Introduction to the Study of Society.* The purpose of this course is to present to the student an outline of the entire field of sociology in order that he may have a sense of the relation to the subject as a whole of those subdivisions of the field which are covered more intensively in other courses.

Professor Watson; 3 hours.

[No: offered in 1920-21.]

2a. *Government and Social Work.* As social programs involve functions that are purely political as well as those that are non-political, social workers must be familiar both with the machinery of government and also with the scope of its social activities. This course will therefore consider the scope and functions of governmental social service as now undertaken in the various governmental units. Governmental programs for health, safety, relief, education, recreation, etc., will be noted, and methods to get the greatest help from them will be discussed. The course will also examine critically various measures proposed or now being tried to improve the machinery of the various units of government to the end that each may function more efficiently as an agency of social welfare.

Professor Watson; 3 hours, first half-year.

## COURSES OF INSTRUCTION

3b. *The Basis and Program of Social Work.* The course begins with an analysis of the scientific basis underlying social work and then proceeds to a discussion of the program of social work. This includes an examination of (1) those organized efforts which seek to adjust the individual to his environment (social case work) and (2) those social movements which aim primarily to improve social and industrial conditions (social mass work). The inter-relations of these two parts of the program of social work are indicated.

Professor Watson; 3 hours, second half-year.

## BIBLICAL LITERATURE

Course 1a is required of all Juniors. Courses 2, 3, 4 and 5 are elective for Juniors and Seniors. Courses 6 and 7 are intended for graduate students, but may be taken with the consent of the instructor by well qualified Juniors and Seniors. For other related courses see History 7 and Philosophy 2 and 3.

1a. *Introduction to the Old Testament.* The literature of the Old Testament in its historical setting.

Professor Grant; 3 hours, first half year.

2b. *Introduction to the New Testament.* The historical development of the writings of the New Testament; their origin, purpose and contents.

Professor Grant; 3 hours, second half-year.

3a. *The Religious and Ethical Thought of the Old Testament.* The ideas of the Hebrews and Jews, with related studies of the beliefs of neighboring peoples.

Professor Grant; 3 hours, first half-year.

[Not offered in 1920-21.]

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4. *Hebrew.* The elements of the language and readings in the Hebrew Bible. Elementary courses in Babylonian and Arabic or an advanced course in Hebrew may be substituted.

Professor Grant; 3 hours.

5b. *The Life of Christ and The Life of Paul*—studies in the sources and comparison of the New Testament books, with special reference to the founder of Christianity and to the great missionary apostle.

Professor Grant; 3 hours, second half-year.

6a. *Religions.* The history and comparative study of the leading religions of the world.

3 hours, first half-year.

7. *Greek New Testament.* Readings with comment upon selected passages in the New Testament supplemented by studies in the history of the text.

3 hours.

## PHILOSOPHY

Course 5a is required of all Seniors. Course 1b is required of all Juniors. All other courses are elective for Juniors and Seniors. But Course 6 is intended primarily for graduate students and may be taken only by the special permission of the instructor.

1b. *Psychology.* A course in general psychology. James, *Psychology (Briefer Course)*, is used as a textbook supplemented by lectures. A short series of lectures is also given on logic.

Professor Jones; 3 hours, second half-year.

2a. *Development of Christian Thought.* This course is devoted to a study of the original message of Chris-

## COURSES OF INSTRUCTION

tianity and the development of Christian thought as found in the Gospels and Epistles of the New Testament. It consists of lectures, assigned reading, and theses.

Professor Jones; 3 hours, first half-year.

3b. *Development of Christian Thought.* This course deals with the great types of Christian thought in its development in different epochs of the Church from the end of the Apostolic Age down to modern times, including the intellectual movement of the first three centuries, the Augustinian conception of Christianity, the Lutheran, the Calvinistic, and the Quaker conception. Lectures, assigned reading, and theses.

Professor Jones; 3 hours, second half-year.

4. *History of Philosophy.* The chief systems of philosophy from the earliest period down to the present time. The development of theories of idealism receives special attention. The text-books required are Thilly, *History of Philosophy*, and Calkins, *The Persistent Problems of Philosophy*. Lectures, collateral reading, discussions, and theses.

Professor Jones; 3 hours.

5a. *Ethics.* This course covers the field of ethics, the nature of ethical goodness, the fundamental characteristics and implications of personality, the nature of conscience, the possibility and scope of freedom, and theories of the ethical end of life. Some one system of ethics must be mastered by the student and be presented in a thesis.

Professor Jones; 3 hours, first half-year.

6. *Religious and Philosophical Movements.* This course is for advanced students and honor men only, and is con-

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ducted on the seminar method. Different epochs are studied from year to year.

Professor Jones ; 2 hours.

### ASTRONOMY

The Haverford College Observatory affords students the means of becoming familiar with the use of astronomical instruments, and of acquiring, from actual observation, a practical acquaintance with astronomy.

The equipment consists of an equatorial telescope, with 10-inch object glass by Clark, eyepieces, filar micrometer, and a Grubb prismatic spectroscope; a meridian circle telescope of  $3\frac{3}{4}$ -inch aperture; a combined transit and zenith telescope of  $1\frac{3}{4}$ -inch aperture; two sextants; two clocks; a chronograph by Bond; charts, globes, and instruments for elementary laboratory exercises. The astronomical library is housed in the Observatory.

The latitude of the Observatory is  $40^{\circ} 0' 40''$ .1 north; its longitude, 5 h. 1 m. 14.5 sec. west from Greenwich.

1a. *Descriptive Astronomy.* The leading facts of astronomy with an elementary explanation of the methods by which they are ascertained. One of the three hours of the course will be used as a laboratory period devoted to the study of the constellations, the handling of the telescopes (used for illustration of the text), problems with the globe, and study of the *American Ephemeris*. Moulton, *Introduction to Astronomy*.

Professor Wilson; 3 hours, first half-year.

[Not offered in 1920-21.]

2b. *Navigation.* Dead reckoning, Mercator and great circle sailing; determination of time and position, with emphasis on recent methods; many practical problems.



## COURSES OF INSTRUCTION

One of the three hours of the course will be used as a laboratory period devoted to practice with the sextant, and work with charts and the *Nautical Almanac*. The course will be opened with a brief survey of the essentials of spherical trigonometry. Hosmer, *Navigation*, and *Tables*.

Professor Wilson; 3 hours, second half-year.

## BIOLOGY

The biological laboratory occupies the upper two floors of Sharpless Hall, the upper west wing being devoted to a laboratory of hygiene. It is amply equipped with microscopes, reagents, and all other necessary apparatus and appliances. It also contains several hundred biological works and zoological, anatomical, and botanical charts.

The courses of the department are suitable for students intending to study medicine. Course 1 is required of all Freshmen. Courses 2 to 9 are elective, but Courses 3 to 5, inclusive, must be preceded by Course 2.

1a. *Physiology and Hygiene*. This course is preparatory to the general physical training required by the College, and includes a series of lectures, with collateral text-book reading, on simple hygiene and preventive cautions, the theory of physical training and a brief review of general physiology including the special sense organs.

Professor Babbitt; 2 hours, first quarter.

2. *Elementary Biology*. The lectures of this course are devoted to a discussion of the fundamental principles of the structure and life-processes of animals and plants and also of some of the more important questions relating to their origin and evolution. The laboratory periods are

## HAVERFORD COLLEGE

devoted to the practical study of typical representatives of some of the greater groups of animals and plants. Many field excursions are taken in order to study animals and plants in their natural environment. Two lectures and two laboratory periods a week.

Professor Pratt; 4 hours.

3. *Comparative Anatomy of Vertebrates.* The laboratory work of this course includes the dissection and study of a cartilaginous and a bony fish, an amphibian, a reptile, a bird, and a mammal. One lecture and two laboratory periods a week.

Professor Pratt; 3 hours.

[Not offered in 1920-21.]

4. *General Morphology.* This course is intended for those who may wish to make a more extended study of any group of animals or plants than is possible in the other courses.

Professor Pratt; 3 hours, or more.

5. *Histology and Embryology of Vertebrates.* The laboratory work in this course is devoted to the study of vertebrate histology and to the embryology of the frog, the chick, and the pig. One lecture and two laboratory periods a week.

Professor Pratt; 3 hours.

6a. *General Botany.* The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. One lecture or recitation and two laboratory periods a week.

Professor Pratt; 3 hours, first half-year.

[Not offered in 1920-21.]

## COURSES OF INSTRUCTION

7. *Evolution and Heredity.* This is a general cultural course, intended not only for scientific students but for all who wish to be informed on current biological matters and theories. It consists of lectures and readings on animals and plants, and on the most important theories of the nature and maintenance of life and of evolution and heredity.

Professor Pratt ; 3 hours.

8a. *Human Anatomy.* A course in general and applied anatomy, preparatory to medical, legal and teaching professions. This includes general osteology, syndesmology and myology, and the complete anatomy of the upper and lower extremities. The equipment includes skeleton, manikin, models and charts. The course will be supplemented by visits to the dissecting rooms and anatomical museums in Philadelphia.

Professor Babbitt ; 3 hours, first half-year.

9b. *Advanced and Applied Physiology.* This course continues that of anatomy in a general physiological study, both theoretical and laboratory, of the internal organs. It includes special analysis of blood, digestive secretions, general excretions, stomach analysis, and a careful functional study of thoracic, abdominal and reproductive organs, including brain and central nervous system. Special provision will be made for study of heart and circulatory organs.

Professor Babbitt ; 3 hours, second half-year.

10a. *General Bacteriology.* A course in general and pathogenic bacteriology. Laboratory study of molds, yeasts and household bacteriology, followed by all important pathogenic types, with facilities for study on culture

## HAVERFORD COLLEGE

media. Visits will be made to public laboratories of hygiene.

Professor Babbitt; 3 hours, first half-year.

*11b. Municipal and Social Service Hygiene.* This course supplements that in General Bacteriology and includes a more advanced study of parasitic bacteriology, municipal sanitation, including analysis of water, milk and air; epidemiology and history of world plagues; also general preparation for local and foreign social service. Students will carry on individual investigations of special hygienic nature.

Professor Babbitt; 3 hours, second half-year.

## GEOLOGY

*1b. Elementary Geology.* A discussion of the general principles of the science. Excursions are taken occasionally in which the physiographical and geological features of the country about Haverford are studied, and trips are made to the important paleontological and mineralogical collections of Philadelphia.

Professor Pratt; 3 hours, second half-year.

[Not offered in 1920-21.]

## CHEMISTRY

The courses are designed not only to be of general educational value but also to satisfy the requirements of the universities for admission to graduate work. A student who has taken Courses 1, 2, 3, 4 and 5, may ordinarily proceed to the master's degree with one additional year's study, although it is recommended that a student with this in mind take additional hours of laboratory work in connection with Course 3 and also the extra laboratory

## COURSES OF INSTRUCTION

courses prescribed for honors. Courses 1 and 4 with either 2 or 3 satisfy the requirements in chemistry for admission to the medical schools. Course 1 is prerequisite to all other chemistry courses. Courses 2 and 4 will be omitted in 1920-1921, and Courses 3, 5a and 6b in 1921-1922. For prizes in chemistry see pp. 92 and 95.

1. *Inorganic Chemistry*. Preparation, properties and uses of the non-metallic elements and their compounds. Metallurgy of iron, copper and other metals. Fixation of nitrogen. Manufacture of soda, sulphuric acid, glass, cement, fuel gases and other industrial products. Fundamental laws and theories, including the theory of ionization and some of its applications. The laboratory work will illustrate and supplement the main facts brought out in the lectures and will include the qualitative analysis of single salts. Lectures, recitations and laboratory work. Newell, *Inorganic Chemistry for Colleges*.

Professor Meldrum and Mr. Bull; 4 hours.

2. *Qualitative Analysis*. Open to those who have passed Chemistry 1. The laboratory work consists of the systematic separation and identification of the commoner metals, tests for the acid radicals usually met with in inorganic chemistry, and the analysis of unknown solutions, minerals and alloys. Besides giving training in analytical methods, the course emphasizes the principles underlying chemical reactions. 1 hour lecture, 5 hours laboratory work. Dennis and Whittelsey, *Qualitative Analysis*.

Mr. Bull; 3 hours.

[Not offered in 1920-21.]

3. *Quantitative Analysis*. Open to those who have passed Chemistry 1. Lectures on the general principles

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of gravimetric, volumetric and electrolytic methods of analysis, the preparation of pure substances, and illustrative types of quantitative separations. In the laboratory typical methods will be applied. 1 hour lecture, 5 hours laboratory work or more by arrangement. G. M. Smith, *Quantitative Analysis*.

Professor Meldrum and Mr. Bull; 3 hours.

4. *Organic Chemistry*. Open to those who have passed Chemistry I. An elementary study of the compounds of carbon, including aliphatic and aromatic derivatives, sugars, alkaloids, coal tar dyes. 2 hours lectures and 2½ hours laboratory work. Holleman, *Text-book of Organic Chemistry*, translated by Walker.

Professor Meldrum; 3 hours.

[Not offered in 1920-21.]

5a. *Physical Chemistry*. Open to those who have passed Courses 1, 2, and 4 and who have taken or are taking Course 3. Such topics as the following will be discussed: atomic and molecular weights; the ionization theory; thermochemistry and the elements of thermodynamics; photochemistry; catalysis; electrochemistry; osmotic pressure and other phenomena of solutions; radioactivity and the structure of the atom; the phase rule; velocity of reactions.

Professor Meldrum; 3 hours.

6b. *Analysis of Industrial Materials*. To be taken following Course 5a. The systematic quantitative analysis and testing of such materials as water, coal and fuel gases. Lectures and laboratory work. Olsen, *Quantitative Analysis*.

Professor Meldrum; 3 hours.

## COURSES OF INSTRUCTION

Two special courses may be offered in 1920-1921 open to candidates for honors or honorable mention in chemistry.

*Glass Blowing.* 2½ hours laboratory work. First half-year.

*Identification of Minerals by Means of the Blowpipe.* 2½ hours laboratory work. Second half-year.

## PHYSICS

The department of physics, with the exception of the electrical laboratory, occupies two floors in the newly completed science building, Isaac Sharpless Hall. All the rooms are equipped with direct and alternating current, compressed air and vacuum connections.

Physics A, intended for those who have never studied Physics before, covers the same ground as Entrance Physics; and one or the other of these courses is a prerequisite for Physics I. Physics I covers the work required for admission to medical schools and other graduate institutions.

A. *Elementary Physics.* The student is made familiar with physical laws and their applications to daily life, and receives sufficient preparation to enable him to pursue the subject further. Emphasis is laid on the solution of problems. There are two lectures or recitations and one laboratory period per week. Text-book, Hall, *Elements of Physics.*

Mr. Davis; 3 hours.

I. *General Physics.* This course is open to those who have offered physics for entrance to College or have

## HAVERFORD COLLEGE

passed Physics A. Mechanics, sound, heat, light, magnetism, and electricity 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 of measurement. The text-book is Spinney, *General Physics*.

Professor Palmer and Mr. Davis; 4 hours.

3. *Molecular Physics*. A brief study is made of the characteristics of atoms and molecules when at rest and in motion, followed by an investigation of the phenomena observed during the discharge of electricity through gases, and radio-activity. The latter part of the course is devoted to a study of the electron theory of matter. There is no text-book; but a great deal of reading is required in the library of reference books. There is no laboratory work; but experiments are performed by the members of the class working together with the instructor. Prerequisite, Physics 1.

Professor Palmer; 3 hours.

10. *Physics Seminar*. This course may be taken as Honors work. Reading will be assigned upon selected topics. Advanced students who devote the requisite number of hours to it may count this course toward a degree. Experimental work of a nature preliminary to research work may be carried out in a special field of investigation.

Professor Palmer; hours by arrangement.

Courses 2, 4 and 5 are half-year courses, and may be offered in either half-year according to the needs of those electing them.

2. *Electricity and Magnetism*. Lectures and laboratory work. This course is an extension of Physics 1 and in-



## COURSES OF INSTRUCTION

cludes a discussion of such topics as Kirchoff's laws, magnetism in iron and other metals, resistance, current strength, potential, capacity, inductance and the laws of the magnetic circuit.

Professor Palmer ; 3 hours, half-year.

4. *Electric Waves.* This course includes a study of the phenomena of electrical oscillations, Hertz waves, and the elementary principles of radio-telegraphy. Pre-requisite, Physics i.

Professor Palmer ; 3 hours, half-year.

5. *Optics.* Lectures and laboratory work. This course is a continuation of Physics I, covering reflection, refraction, dispersion, interference, diffraction, and polarization. The last part of the course is devoted to a brief study of magneto-optics, and the laws of radiation. The optical laboratory is equipped with the necessary apparatus for such quantitative determinations as may be required.

Professor Palmer ; 3 hours, half-year.

## 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.

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.

The lack of a general or broad education as well as the lack of thoroughness in fundamentals has been quite universally recognized as limiting the usefulness and oppor-

## HAVERFORD COLLEGE

tunities of many in the engineering profession. To provide against these deficiencies, students electing courses in engineering will be required to pursue studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years and to concentrate largely on mathematics, physics and chemistry, the fundamentals of all engineering. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

A proper selection of electives from the several departments will meet the requirements of varied prospective future careers. As the combinations are numerous, no attempt has been made to outline the several possible courses, but in each case students are counseled as regards their individual needs in arranging their programs of study.

Past results have shown this combination of required and elective studies to be most satisfactory as regards professional advancement. However, for the needs of those desiring still more advanced technical courses before entering the active work of the profession, very favorable arrangements may be made with technical institutions, all of which grant substantial credit toward advanced standing for work completed at Haverford.

The wood-working and metal-working shops, the laboratory for testing materials and the draughting-room are housed in Whitall Hall. A complete equipment is provided for carrying on bench and machine-tool work in both wood and metal. Steam-engine indicators, standard pressure gauges, calorimeters and electrical measuring-instruments, in connection with the central heating and lighting plant, afford good opportunity for the testing of boilers, engines, air-compressors, dynamos and auxil-

## COURSES OF INSTRUCTION

iaris. A 30,000-pound Riehlé screw testing-machine is part of the equipment for testing materials and for studying the laws of stress and strain. The equipment of the draughting-room includes a number of pieces for study and sketching, such as pumps, safety-valves, shaft-hangers, etc.

The electrical engineering laboratory occupies the first floor of the west wing of Founders Hall. The apparatus in this laboratory was selected to illustrate the modern applications as well as the fundamental principles. This includes many types of generators and motors, both alternating and direct; a complete line of measuring instruments; arc and incandescent lamps; galvanometers; bridges, standards, etc. Direct and alternating currents of all necessary varieties are available for tests and calibrations.

Courses 1, 2 and 3 are given, normally, in the first or second half-year, as indicated by *a* or *b*, but may be elected, when the student is properly qualified, in either half-year.

1*a*. *Mechanical Drawing*. Notation and orthographic projection on three planes. Anthony, *Mechanical Drawing*.

Professor Chase; 2 hours, half-year.

1*a'*. *Wood Work*. Graded exercises in joinery, turning and pattern making. Goss, *Bench Work in Wood*.

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

1*b*. *Descriptive Geometry*. Principles and application. Faunce, *Descriptive Geometry*.

Professor Chase; 2 hours, half-year.

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1b'. *Bench Work in Iron.* Filing, chipping, babbitting, etc. R. H. Smith, *Principles of Machine Work.*

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

2a. *Elements of Mechanism.* A study of the mechanical movements employed in machinery; velocity diagrams and quick return motions; transmission gears. Two lectures or recitations and one draughting-room period a week. Keown, *Mechanism.*

Professors Rittenhouse and Chase; 3 or 4 hours.

2b. *Mechanical Drawing.* Sketching from models. Detail drawings, tracings and blue prints from sketches. Practical application of the principles of descriptive geometry and of orthographic projection. Notation.

Professor Chase; 2 hours, half-year.

2b'. *Forge and Pipe Work.* Bacon, *Forge Work.*

Professor Rittenhouse and Mr. Gilbert: 2 hours, half-year.

3a. *Empirical Design.* Machine shop shafting, couplings, bearings, hangers, etc.

Professor Chase; 2 hours, half-year.

3a'. *Machine Tool Work.* Graded exercises on lathe, planer, milling machine and drill-press. R. H. Smith, *Advanced Machine Work.*

Professor Rittenhouse and Mr. Gilbert; 2 hours, half-year.

3b. *Machine Design.* The gas, gasoline, and steam engine. Reference library available.

Professors Rittenhouse and Chase; 2 hours, half-year.

## COURSES OF INSTRUCTION

4a. *Heat Engineering.* This course includes a study of steam and gas engines, condensers, air-compressors, steam-boilers, power-plant economies and the cost of power. Horse-power tests are made and efficiencies studied. The thermo-dynamic principles involved are considered in the latter half of the course. An additional hour in valve-gear work may be elected. Allen and Bursley, *Heat Engines.*

Professor Rittenhouse; 3 hours, first half-year.

5b. *Mechanics of Materials.* A study of the materials employed in engineering constructions; 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. Boyd, *Strength of Materials.*

Students completing this course may arrange to take a course in structural design. The work in this will be arranged to suit the needs of those who elect it. It will include graphic statics and the design or analysis of a complete roof or bridge truss.

Professor Rittenhouse; 3 hours, second half-year.

6b. *Elementary Plane Surveying.* This course covers the fundamental principles and the approved methods of surveying, computing and plotting. The field work includes the use of the tape, compass, transit and level. Text-book, Tracy, *Plane Surveying.*

Professor Rittenhouse; 3 hours, second half-year.

10a. *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 electric-

## HAVERFORD COLLEGE

ity. It includes a study of circuits, generators, motors, lamps, transformers, heaters, the telephone, etc. The instruction is carried on by text-book, lectures and laboratory work.

Professor Rittenhouse; 3 hours, first half-year.

10b. *Direct Current Apparatus.* A detailed study of direct current apparatus by text-book, lectures and laboratory work. An analysis of power costs and rates, etc.

Professor Rittenhouse; 3 hours, second half-year.

11a. *Alternating Current Apparatus.* The theory of alternating currents and a study of alternating current apparatus. At least one laboratory period a week.

Professor Rittenhouse; 3 hours, first half-year.

11b. *Measurements in Electricity and Magnetism.* This course will be adapted to the needs of the students electing it. A study of units, standards and the calibration of instruments is included. The recent technical publications of the Bureau of Standards, and of the engineering societies are used for reference.

Professor Rittenhouse; 3 hours, second half-year.

## PHYSICAL TRAINING

The college equipment for outdoor athletics includes: Walton Field for Rugby football and track sports, with a new concrete grandstand and 440-yard oval and 220-yard straightaway cinder tracks; the Class of 1888 and Merion Fields for Association football; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; a baseball diamond; and several tennis courts.

## COURSES OF INSTRUCTION

The Gymnasium contains a main floor, sixty by ninety feet, equipped with the most improved appliances for American and Swedish gymnastics. It has an inclined running track, five feet in width. Adjoining the main floor are offices for the use of the directors in physical examination and measurement, and special student conferences. Adjoining the main hall is a large and comfortable reading-room with magazines and papers. Above are a trophy room and apartments for the use of the college athletic managers and alumni. The basement contains dressing-rooms, a number of well-ventilated lockers, shower-baths, a swimming-pool, and a double bowling-alley. Students are required to furnish their own towels and attend to the laundering of the same. There is a special dressing-room provided for the faculty and visiting athletic teams.

A thorough physical examination is given to each student upon entrance, and another at the end of the Sophomore year. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team. Ability to swim two lengths of the gymnasium pool is required of Sophomores before leaving the required Physical Training course.

Course 1 is required of Freshmen in connection with Biology 1a (see page 61). Course 2 of Sophomores. Course 3 is an elective for Seniors and Juniors, but it may be substituted for Courses 1 and 2 by Sophomores and Freshmen who pass with grades of 80 per cent qualification tests at stated periods.

1. A course in systematic calisthenic drill, marching, and apparatus work during the second and third quarters of the year. The floor work will have special adaptation

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to the various tests involved in a general qualification standard, the proper passing of which will permit substitution of practice with the soccer, track, basketball or gymnasium teams.

3 hours, second and third quarters.

2. A more advanced course in light and heavy gymnastics. Proper qualification will allow substitution of team practice, as in Course 1, for a limited number of high-grade students.

3 hours, second and third quarters.

3. Elective practice in advanced gymnasium work; track and soccer field practice with team squads. This is open to members of the faculty.



## THE LIBRARY

The College Library now contains about eighty thousand volumes, besides numerous classified but uncatalogued pamphlets. It has been selected and arranged with the object of making it especially useful to college professors and students. All have free access to the shelves and are permitted to withdraw from the Library any volumes except those reserved for special reasons. The Librarian and assistants will do anything they can to help readers to use the Library intelligently and independently.

About six thousand dollars is expended yearly for the purchase of books and periodicals. The Library is a regular government depository and receives from other sources many substantial gifts and bequests.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac and Ethiopic manuscripts collected by J. Rendel Harris. Besides these there is a collection of facsimiles of ancient documents, including photographic facsimiles of the four great manuscripts of the New Testament, of the Freer Washington manuscript, and of the recently discovered Odes of Solomon. There is a collection of more than four hundred Babylonian clay tablets dating from B. C. 2500. There are also seven hundred reproductions in fictile ivory of ancient and medieval carved ivories.

## HAVERFORD COLLEGE

Over two hundred literary and scientific periodicals are taken, besides many annual reports, year-books and irregular continuations.

The Library is open, with some exceptions, on week days from 8.30 A. M. to 10 P. M., and on Sundays from 3.00 to 6 P. M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

### THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts, of Philadelphia, a graduate (1864) and for many years a Manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 11,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers. The whole collection, covering as it does the period beginning with the late fifteenth century and coming down to the present day, is one of unusual historical and literary interest.

It has been housed in a fireproof room, and a careful card catalogue has been prepared. The collection is open for inspection or research on application to the curator, Professor Thomas.

## GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all employed. The grades attained by students in their college courses are indicated on reports, issued quarterly, by the five letters, A, B, C, D, E. A indicates a grade from 90 to 100, inclusive; B from 80, inclusive, to 90; C\* from 70, inclusive, to 80; D\* from 60 inclusive, to 70, and E indicates a failure. The numerical grades are not published. No student is permitted to graduate if his combined average for the Junior and Senior years is below C.

## HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds:

(a) *Honorable Mention*, to be awarded for work in a single course meeting not less than two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain the grade of A in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course. Honorable Mention will be awarded for work in History

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\* But for Freshmen C indicates a grade from 65, inclusive, to 80, and D from 50, inclusive, to 65.

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2a, or Economics 1b, provided the foregoing requirements as to grade and additional work are satisfied. History 2a may be counted as a full course for Preliminary Honors taken at the end of the Sophomore year.

(b) *Preliminary Honors*, to be awarded at the end of the Sophomore, Junior, or Senior year for not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Preliminary Honors must obtain a grade of at least B in all courses required for such honors (see below) and a grade of A in such of these courses as are taken in the year in which they are candidates, and must pass creditably examinations on the additional work required.

(c) *Final Honors*, to be awarded upon graduation for work in the courses of a single department, plus additional work to the total amount of not less than 250 hours. Candidates for Final Honors must take at least four full courses in the department in which they apply for honors, at least two of these courses being in the Junior and Senior years. They must in all of these courses obtain a grade of at least B and in those taken in the Senior year a grade of A, and must pass creditably examinations on the additional work required. There are three grades of final Honors: Honors, High Honors, and Highest Honors. The requirements for High Honors are of a more exacting nature than those for Honors, and Highest Honors are reserved for very exceptional cases. Both High Honors and Highest Honors are awarded only by special vote of the Faculty.

Students entering with advanced standing may offer

## *HONORS*

work done elsewhere towards satisfying the requirements for Preliminary or Final Honors.

A student who has received the prescribed grade in the regular work of a course required for honors, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, make up his deficiency in a later year, but in the case of Final Honors all such deficiencies must be made up by the end of the Junior year.

The minimum requirements in courses for Preliminary Honors (if offered) and for Final Honors are specified on the next page.

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COURSES REQUIRED FOR PRELIMINARY AND FINAL HONORS

PRELIMINARY HONORS		FINAL HONORS
Greek	1, 2.	1, 2, 3, 4, 5.
Latin	1, 2.	1, 2, 3, 4, 5.
English	1, 3, and the equivalent of one full course from 6, 8, 9, 10, 11, 12, 13, 14, 15.	1, 3, and the equivalent of two full courses from 6, 8, 9, 10, 11, 12, 13, 14, 15.
German	1, 2.	1, 2, and the equivalent of two full courses from 3, 4, 5, 6, 7.
French	1, 2.	1, 2, 3, 4.
Romance Languages	} None given. {	} French 1, 2, 3, 4 and Honorable Mention in Spanish A and Italian A.
Mathematics		
History	1 and 2 <i>a</i> , or two full courses.	Four full courses.
Economics	None given.	Economics 1, 2, 3, 4, 5, 6, 7.
Philosophy	None given.	1, 2, 3, 4, 5.
Biology	2, 7.	2, 7, and the equivalent of two full courses from 3, 4, 5, 6, 8.
Chemistry	1, 2.	1, 2, 3, 4.
Physics	1 and the equivalent of one full course from 2, 3, 4, 5.	1 and the equivalent of three full courses from 2, 3, 4, 5, 10, and Engineering 10 and 11.
Engineering	None given.	1, 2, and the equivalent of two full courses from 4, 5, 10 and 11.

## DEFICIENT STUDENTS

Opportunities for the removal of entrance conditions will be given at the regular entrance examinations in June and September and at a special examination in January.

Opportunities for the removal of first half-year conditions will be given in April and September.

Opportunities for the removal of second half-year conditions will be given in September and January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of five dollars will be charged against the student at the next regular re-examination period, whether or not the make-up examination is actually taken. A student who has failed to remove a condition in any course before that course is again offered shall repeat the course and shall be charged five dollars per half-year hour for the course repeated. No course may be repeated more than once. If the repeated course is a *required* course, failure to pass will thus prevent a student from obtaining his degree. In case of conflict the repeated course shall take precedence over all other courses. A student who is repeating a course, or who has conditions in excess of six half-year hours, or who is carrying an entrance condition after January of the Freshman year shall have his name appear in the student list of the current catalogue marked with an asterisk (\*) to indicate that he is not in full class standing.

Usually a student who has more than eight half-year hours of failures against him at the opening of College in September, will be dropped, or, at his option, allowed to enter the next lower class, repeating all the courses of that year.

## DEGREES

### BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of hours in prescribed and elective studies as described on page 38, provided they have for the Junior and Senior years a combined average of C, or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees see page 35. The fee for the Bachelor's degree is fifteen dollars.

### MASTER OF ARTS AND MASTER OF SCIENCE

Resident graduates who have received the Bachelor's degree from Haverford College may be admitted as candidates for the degree of Master of Arts or Master of Science. Such students must submit, in writing, for the approval of their instructors and the Faculty Committee on Advanced Degrees, a plan of study involving the equivalent of twelve hours a week in advanced courses. This plan shall be filed with the Registrar before October fifth of the college year in which they expect to take their degrees.

Non-resident graduates of Haverford College of three years' standing or more may also be admitted to the Master's degree. They must, however, at the beginning of their work, arrange with the committee a definite course of study and make annual reports during three years to the instructors in charge.



## ROOMS

Graduates of other colleges completing the Senior year in Haverford College will be permitted without further residence to become candidates for the Master's degree one year after graduation. Additional requirements may be made of such graduates, the amount to be determined in each case by previous attainments and the character of the work done in Haverford College.

Each candidate must pass an examination satisfactory to his instructors and to the Faculty Committee on Advanced Degrees. At the option of the instructors, a thesis may be required. Before the examination the instructors in charge shall file with the committee a statement of the work done by the candidate.

The fee for the Master's degree is twenty dollars. In the case of non-resident graduates an additional fee of ten dollars is required at the beginning of the course.

## ROOMS

Entering Freshmen may choose rooms in the order in which their application blanks for admission (see page 16) are received. For this choice a day is appointed, of which due notice is given in advance. Ten of the \$500 rooms are regularly reserved as a part of the apportionment for Freshmen. 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. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited.

## EXPENSES

The combined charge for tuition, board, and room-rent varies from \$500 to \$650 a year according to the location

### HAVERFORD COLLEGE

of the rooms. This includes heat, electric light, attendance and the use of necessary bed-room furniture, *i. e.*, a chiffonier and a bed, the linen of which is furnished and laundered by the College for an annual fee of five dollars. Students will supply their own study furniture. In general two students share one study and each has his private bed-room adjoining. A few single rooms are also available. The number of students accommodated in the different halls is as follows:

Merion Hall,	9	at \$500 each
Merion Hall,	4	at \$525 each
Merion Hall,	22	at \$550 each
Founders Hall,	8	at \$500 each
Founders Hall,	8	at \$525 each
Founders Hall,	2	at \$575 each
Barclay Hall,	22	at \$500 each
Barclay Hall,	2	at \$525 each
Barclay Hall,	4	at \$550 each
Barclay Hall,	24	at \$575 each
Barclay Hall,	50	at \$600 each
Barclay Hall,	1	at \$625
Lloyd Hall,	44	at \$650 each

The charge for tuition of day-students is \$200 a year; for tuition and mid-day meal, \$275 a year.

An annual infirmary fee of five dollars is charged to all students living at the College. A laboratory fee (averaging five dollars) and a bill for materials consumed and for breakage is charged in each of the laboratories. An annual fee of two dollars is charged to all students for the privileges of the Haverford Union (see below). Books and stationery will, at the option of the student, be

## INFIRMARY

supplied by the College and charged on the half-yearly bills.

First term bills, for three-fifths of the student's total cash indebtedness for room, board, and tuition for the year, are rendered October first and must be paid before November first. Second term bills are rendered February first and must be paid before March first. Failure to pay within the specified time automatically cancels the student's registration.

## THE HAVERFORD UNION

The Haverford Union is a large and attractive building supplied with reading rooms, recreation rooms, sleeping rooms for visiting alumni, and a large assembly hall.

## THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for physician and nurse. Every provision has been made for both residence and dispensary care of all student conditions, medical and surgical, occurring during the college year. Prompt relief is thus afforded from the dangers of infection through illness in the college dormitories.

Except for the infirmary fee mentioned above, the attendance of the regular nurse is free to students. Medical attendance for brief ailments is also given, free of charge, by the college physician.

## HAVERFORD COLLEGE

### SCHOLARSHIPS

*All preliminary correspondence concerning scholarships should be addressed to the President of the College.*

I. *Corporation Scholarships.* Sixteen scholarships of the annual value of \$300 each, awarded without application to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen from their general average for the year. In the case of the incoming Freshman class the scholarships will be assigned immediately after June examinations (see pages 20 and 21) to those candidates entering by either plan of admission who are judged to be best prepared to do the work of the College.

II. *Senior Foundation Scholarships.* Six scholarships of the annual value of \$300 each offered to graduates of Earlham, Penn, Wilmington, Guilford, and Whittier Colleges, and Friends' University, nominated by their respective Faculties.

III. *Isaiah V. Williamson Scholarships.* Two scholarships covering all minimum expenses of board and tuition. One will usually be awarded to a Senior and one to a Junior.

IV. *Richard T. Jones Scholarship.* One scholarship of the annual value of \$200.

V. *Edward Yarnall Scholarship.* One scholarship of the annual value of \$200. Open to Friends only.

VI. *Thomas P. Cope Scholarship.* One scholarship of the annual value of \$200. Open to Friends who intend to teach.

## SCHOLARSHIPS

VII. *Sarah Marshall Scholarship*. One scholarship of the annual value of \$200.

VIII. *Mary M. Johnson Scholarship*. One scholarship of the annual value of \$200.

IX. *Joseph E. Gillingham Scholarships*. Four scholarships of the annual value of \$200 each "for meritorious students."

X. *Isaac Thorne Johnson Scholarship*. One scholarship of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

XI. *New York Alumni Scholarship*. Open to Freshmen from New York State, or northern New Jersey within the metropolitan area. The annual value of this scholarship is \$200.

XII. *Maryland Alumni Scholarship*. Open to Freshmen from Maryland. The annual value of this scholarship is \$200.

XIII. *Jacob P. Jones Scholarships*.

Twenty-four scholarships of the annual value of \$150 each.

Eight scholarships of the annual value of \$100 each.

All scholarships are given for one year only, but, with the exception of II, they may be renewed by the College if the conduct and standing of the recipient be satisfactory.

The Senior Foundation Scholarships will thus be vacated yearly, and about one-fourth of the others.

## HAVERFORD COLLEGE

The following regulations will govern the grant of scholarships :

1. No scholarship will be given to a student who has conditions.
2. No scholarship will be given to a student who is in debt to the College.

## EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with many kinds of remunerative employment. Each year some men are able to make enough money to pay all their college expenses. The student waiters in the dining-room receive sufficient compensation to cover their expenses for board. During the past two years students have earned about \$2,500 each year in more than twenty-five different occupations.

## FELLOWSHIPS

*The Clementine Cope Fellowship*, of the annual value of \$500 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.

*Teaching Fellowships.* Two fellowships of \$300 each, involving certain duties at Haverford College, are offered yearly to Haverford College graduates, on the Clementine Cope Fellowship foundation. They are construed to cover all the charges for tuition, room, and board.

## PRIZES

### ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50, either a gold medal or an equivalent value in books and bronze medal, for excellence in composition and oratory.

### THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman debate medals are given in memory of the Everett Society.

### 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

## HAVERFORD COLLEGE

students who have done the best work for the two years in Latin and mathematics, respectively.

### THE CLASS OF 1898 PRIZE IN CHEMISTRY

The Class of 1898 offers a prize of \$10 in books to the member of either the Junior or Senior class who, in the judgment of the professor, shall have done the most thorough and satisfactory work in chemistry during the year. The prize will not be awarded twice to the same student.

### 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 OF MATHEMATICS PRIZE

The Department of Mathematics offers a prize of \$10 in books, to be awarded at the end of the Freshman year, to the most proficient student in mathematics.

### THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing It." The next award will be made May, 1920, and will be announced at Commencement. No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar not later than May 1. The judges for the prize shall be appointed



## PRIZES

by the President of the College. The essays may be written on one of the following subjects.

1. The grounds for believing that an international court of arbitral justice will become a substitute for war.
2. The ethical grounds for opposition to war.
3. Will the economic burden of war, and of national armament in time of peace, force the nations of the world to adopt peaceful methods of settling disputes?
4. Lessons for the peace movement in the armed conflicts of 1914 and after.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith prize.

### THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace. Essays submitted for the Elizabeth P. Smith Prize may also be submitted for the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar not later than 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 will be offered each year to the 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 will also be offered. The prizes in philosophy are open to all students taking any course in philosophy.

## HAVERFORD COLLEGE

A prize of \$40 in books will be offered each year to the 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 will also be offered. The prizes in Biblical Literature may be competed for during any year of the college course.

### 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 HIBBARD GARRETT MEMORIAL PRIZES FOR VERSE

Two prizes of \$25 and \$15 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 \$10 is offered to the Freshman who is adjudged to have shown the best attitude toward college activities and scholastic work.

### S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the department of history, open to Seniors and Juniors with the following general provisos:

## PRIZES

*First.*—The prize may be withheld in any year, if the conditions, as provided 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 confined to students who have completed at the time of award a minimum of a course and a half, or the equivalent, in the department of history.

### *Conditions.*

1. In competition for this prize an essay shall be submitted of not less than 5,000 words, offered 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 the 15th of November.

2. This essay shall be typewritten and deposited under an assumed name with the Registrar on or before May 15th.

3. The judges shall consist of the President of the College and two historians to be selected by him.

### GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student "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

## HAVERFORD COLLEGE

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 expressed intention.

## LECTURESHIPS

### HAVERFORD LIBRARY LECTURES

The income of \$10,000, received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide 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 way may open for it, upon its doctrine and its teaching."

### THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

## SOCIETIES

A Young Men's Christian Association, organized in 1879, has a membership embracing a large number of the student body. It holds meetings twice a week, the mid-week meetings being addressed by prominent speakers from outside the College and the Sunday meetings being conducted by students. The work of the association includes a variety of outside activities, such as boys' work in Preston and Ardmore, a number of Bible classes in the College and vicinity, mission work and social work in Philadelphia, deputation work, etc.

The Loganian Society, the oldest in the College, was founded in 1834, "for mutual improvement in Literature and Science." In 1906, when it was reorganized, its interests had extended so as to necessitate three departments—Civic, Scientific, and Debating.

In 1908 the Civic Department withdrew to organize the Civic Club, which, in 1916, was reorganized as the Social Science Club. The Social Science Club is an organization for those members of the Faculty and students who are especially interested in the discussion of economic, historical, and sociological questions. Meetings are frequently addressed by prominent speakers, and papers are read by members.

In 1909 the Scientific Department withdrew to reorganize as the Scientific Society. With a membership of about fifty, it holds fortnightly meetings addressed by

## HAVERFORD COLLEGE

members and by visiting scientists. The lectures are illustrated with experiments and lantern slides.

The Classical Club is composed of members of the Faculty, students, alumni, and others, who are interested in the life and literature of the Greeks and Romans.

A chapter of the Phi Beta Kappa Society, Zeta of Pennsylvania, was established at the College in 1898.

The Founders Club, established in 1914, is an organization of alumni and undergraduates, to which upperclassmen become automatically eligible if they attain a grade of at least B in class-room work and take part in a certain number of extra-curriculum activities.

The Cap and Bells Club, composed of both alumni and students, organizes and arranges the musical and dramatic productions of the College.

The Campus Club is an organization of the Faculty, students, and other friends of the College for promoting the study and preservation of trees, shrubs, birds, and wild animals on the College property.

## PERIODICALS

*The Haverford College Bulletin* is issued by the College four times in each collegiate year. Included under this title are the College Reports, Catalogue, Athletic Annual, Alumni Quarterly, and other matter.

*The Haverford News*, founded in 1909, is published weekly by the students during the college year.

THOMAS WISTAR BROWN GRADUATE  
SCHOOL,

Founded, 1917

Founded as the result of a donation of about \$400,000, the Thomas Wistar Brown Graduate School is located in a residence on College Lane.

In accordance with the expressed approval of the donor, graduate courses are here offered in Biblical literature, philosophy, sociology, history, "and kindred subjects." The scope of the instruction is hence limited to a rather definite preparation for certain lines of usefulness.

A descriptive pamphlet of the Graduate School and its facilities will be sent upon application to the President, Haverford College, Haverford, Pa.

DEGREES CONFERRED, JUNE, 1919  
*Masters of Arts*

Marshall, Eva Rae.....Wessington Springs, S. D.  
A.B. (Penn College) 1918.

Michener, Grace Ellen.....Truro, Iowa  
A.B. (Penn College) 1918.

Ratliff, Alice.....Fairmount, Ind.  
A.B. (Earlham College) 1915.

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RESIDENT STUDENTS IN THE THOMAS WISTAR BROWN  
GRADUATE SCHOOL, 1919-20

- Baker, Margaret Elizabeth.....Everett, Pa.  
A.B. (Juniata College) 1915.
- Coble, Lovella Ruth.....Guilford College, N. C.  
A.B. (Guilford College) 1917.
- Conover, Chase Levi.....Oskaloosa, Iowa  
A.B. (Penn College) 1917.
- Kissick, William Perry.....Oskaloosa, Iowa  
A.B. (Penn College) 1918.
- Lassiter, Maude Elizabeth.....Mechanics, N. C.  
A.B. (Guilford College) 1917.
- Wager, Paul Woodford.....Hector, N. Y.  
B.S. (Hobart College) 1917.
- White, Mildred Esther.....Straughn, Ind.  
A.B. (Earlham College) 1918.
- Wickersham, Evangeline Belle.....Oskaloosa, Iowa  
Ph.B. (Penn College) 1915.



DEGREES, PRIZES AND HONORS  
GRANTED IN 1918-1919

DEGREES

The following degrees were conferred on Commencement Day, June 13, 1919:

*Masters of Arts*

Albert Hendrix Stone, A.B. (Haverford College, 1916).  
Thesis: A Modern Estimate of Alexander Pope.

Alfred James Townsend, A.B. (Haverford College, 1918).  
Subject: Latin.

*Bachelors of Arts*

Philip Langdon Corson      Thomas McConnell, 3d  
Edgar Baldwin Graves      Russell Nelson Miller  
Chester McKinley Sutton

*As of 1918*

Jesse Betts Stanley

*Bachelors of Science*

Richard Thompson Battey      Thomas Hodgson Stubbs  
Hartley Stokes Haines      Elmer Hancock Thorpe

*As of 1918*

George Haines Buzby  
Edward Arthur Gribbon Porter

HAVERFORD COLLEGE

FELLOWSHIPS AND SCHOLARSHIPS  
FOR 1919-20

*The Clementine Cope Fellowship*

\* Russell Nelson Miller

*Teaching Fellowship*

Thomas Hodgson Stubbs

*Corporation Scholarships*

Class of 1920

Clarence James Leuba	Frank Thomson Gucker, Jr.
Kenneth Stuart Oliver	William John Brockelbank

Class of 1921

Harry Garland Timbres	Charles Wilbur Ufford
Samuel Albert Nock	Alan Woods Hastings

Class of 1922

Henry Salmon Fraser	Charles David Abbott, Jr.
Kenneth Betts Walton	John Colvin Wright

Class of 1923

Edward Kenneth Haviland	Russel Greene Allen, Jr.
Rufus Wilmot Jones	Benjamin Hallowell Shoemaker, 3d

PRIZES

*The Everett Society Medal for Extemporaneous  
Speaking by Sophomores and Freshmen*

Allan Zook, 1921

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\* Deceased December 9, 1919.

PRIZES AWARDED

*The Class of 1896 Prizes in Latin and Mathematics for  
Sophomores*

Latin . . . . . Alan Mason Abele  
Mathematics . . . . . Alan Woods Hastings

*The Class of 1898 Prize in Chemistry for Seniors and  
Juniors*

Lucius Williams Elder, Jr., 1920

*The Class of 1902 Prize in Latin for Freshmen*

Divided between

John Flagg Gummere and Harry William Pfund

*The Mathematical Department Prize in Mathematics  
for Freshmen*

Allen Kazlitt Bucknell

*A Reading Prize in Philosophy for Seniors and  
Juniors*

Kenneth Stuart Oliver, 1920

*The Scholarship Improvement Prizes*

First Prize . . . . . Philip Langdon Corson  
Second Prize . . . . . Thomas McConnell, 3d

*The Hibbard Garrett Memorial Prizes for Verse*

First Prize . . . . . Henry Salmon Fraser, 1922  
"There Have Been Days"

Second Prize . . . . . Russell Nelson Miller, 1919  
"Alma Mater"

Honorable Mention . . . . Charles David Abbott, Jr., 1922  
"Ballade of the Woodland Goddess"

HAVERFORD COLLEGE

*The Founders Club Prize*

Craige McComb Snader, 1922

*The S. P. Lippincott Prize in History*

Milton Adolph Kamsler, 1920

*The George Peirce Prize in Chemistry or Mathematics*

Hartley Stokes Haines, 1919

HONORS

*Seniors elected to the Phi Beta Kappa Society*

At the end of the Junior Year

Hamilton Dana Taylor

At the end of the Senior Year

Russell Nelson Miller

*Juniors elected to the Phi Beta Kappa Society*

Clarence James Leuba    Edmund Morris Fergusson, Jr.

*Seniors and Juniors elected to the Founders Club*

From the Class of 1919

Philip Langdon Corson	Thomas McConnell, 3d
Franklin McCreary Earnest,	Hamilton Dana Taylor
Jr.	Russell Nelson Miller
Edgar Baldwin Graves	Walter Penn Shipley, Jr.

From the Class of 1920

Edmund Morris Fergusson,	Clarence James Leuba
Jr.	James Torbert Mullin
Frank Thomson Gucker, Jr.	Francis Stokes Silver
Henry Calvin Hartman	Granville Ernest Toogood
Thomas Henry Kearney	John Steele Williams

*HONORS AWARDED*

*Preliminary Honors*

Edmund Morris Fergusson, Jr. . . . . German  
Gilbert Thomas Hoag . . . . . English

*Honorable Mention*

Charles David Abbott, Jr. . . . . Freshman English  
Allen Kazlitt Bucknell . . . . . Freshman Algebra  
Henry Salmon Fraser . . . . . History 1  
Frank Thomson Gucker, Jr. . . . . English 10 and 14  
John Flagg Gummere . . . . . Latin 1  
Joseph Hutchinson Smith . . . . . English 3  
John Colvin Wright . . . . . Latin 1

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; L, for Lloyd Hall; M, for Merion Hall; D, for day-student. An asterisk is placed before the name of a student who either is repeating a course, has conditions or deficiencies in excess of six half-year hours, or is carrying an entrance condition. A dagger is placed before the name of a student whose deficiency is caused wholly or in part by previous war work.

### GRADUATE STUDENTS

Name	Home Address	College Address
Davis, George Elton	4069 Lake Ave., Rochester, N. Y.	20 L
A.B. (Cornell University), 1919.		
Stubbs, Thomas Hodgson	West Chester, Pa.	34 Bc
B.S. (Haverford College), 1919.		

### SENIOR CLASS

Brecht, Harold Walton	205 E. McKinley Ave., Lansdowne, Pa.	43 Bc
Brockelbank, William John	Newmarket, Ontario, Canada	33 Bc
Burritt, Robert William	64th and Malvern Ave., Overbrook, Pa.	44 Bc
Collins, Benjamin, Jr.	Purchase, N. Y.	31 Bc
Crosman, John Marshall	Haverford, Pa.	D
Earnest, Franklin McCreary, Jr.	Mifflinburg, Pa.	40 Bc
Elder, Lucius Williams	Wayne, Pa.	39 Bc
Fergusson, Edmund Morris, Jr.	197 Grove St., Auburndale, Mass.	18 Bs
Fitts, Russell	3319 Paseo, Kansas City, Mo.	10 L
Greer, Robert Bratton	"Dundee," Johnstown, Pa.	19 Bs
Gucker, Frank Thomson, Jr.	3420 Hamilton St., Philadelphia, Pa.	18 Bs
*Hallett, Henry McClellan, 2d	199 Owen Ave., Lansdowne, Pa.	22 L
Harris, Pierson Penrose	6391 Sherwood Rd., Overbrook, Pa.	D
Hartshorn, Gordon Birdsall	Walden, N. Y.	33 Bc
Hastings, William Fairbank	Prescott, Mass.	8 F
Haynes, John Shields	321 Kent Rd., Cynwyd, Pa.	D
Hisey, John Alan, Jr.	3807 Chestnut St., Philadelphia, Pa.	22 L
Hoag, Gilbert Thomas	Haverford, Pa.	24 Bs
Kamsler, Milton Adolph	2352 N. Park Ave., Philadelphia, Pa.	43 Bc
Kearney, Thomas Henry	Edgemont, Pa.	17 Bs

## DIRECTORY

Name	Home Address	College Address
King, Joseph Bernard, Jr. ....	7315 Boyer St., Mt. Airy, Pa. ....	D
* Knowlton, Alfred Douglas .....	Haverfrod, Pa. ....	D
Leuba, Clarence James .....	Bryn Mawr, Pa. ....	21 Bs
Lycett, Isaac Cate .....	Gorsuch Ave., Abbottston, Baltimore, Md. ....	9 L
Moore, Willard Brown .....	206 E. Washington Ave., DuBois, Pa. ....	22 L
Morris, Thomas Edward .....	129 Franklin Ave., Cheltenham, Pa. ....	31 Bc
Mullin, James Torbert .....	Pinecrest, West Chester, Pa. ....	23 Bs
Oliver, Alan Douglas .....	15 Prospect Ave., Moorestown, N. J. ....	22 Bs
Oliver, Kenneth Stuart .....	15 Prospect Ave., Moorestown, N. J. ....	22 Bs
Osler, Chester Arthur .....	49 S. Union Ave., Pensauken, N. J. ....	71 Bn
Patterson, Hobart McKinley .....	Burlington, N. C. ....	5 F
Petry, Robert Lowell .....	New Paris, Ohio ....	2 F
Philips, Jesse Evan .....	Wayne, Pa. ....	42 Bc
Reese, John Davies .....	619 N. Hyde Park Ave., Scranton, Pa. ....	38 Bc
Roberts, Christopher .....	Montclair, N. J. ....	14 L
Silver, Francis Stokes .....	Aberdeen, Md. ....	23 Bs
Smith, Robert Buoy .....	Holidaysburg, Pa. ....	15 L
Sutton, James Edward .....	1547 Clarkson St., Denver, Colo. ....	38 Bc
Tatum, Oliver Parry .....	6 Park Rd., Llanerch, Pa. ....	32 Bc
Thornton, Percy Stokes .....	115 Bloomingdale Ave., Wayne, Pa. ....	10 L
Toogood, Granville Ernest .....	Cresheim Arms, Mt. Airy, Pa. ....	9 L
Van Sickle, Schuyler Curtis .....	169 Maple St., Springfield, Mass. ....	24 Bs
White, Joseph Dixon .....	Guilford College, N. C. ....	5 F
Williams, John Steele .....	7126 Chew St., Philadelphia, Pa. ....	41 Bc

## JUNIOR CLASS

Abele, Alan Mason .....	Narberth, Pa. ....	D
Arrowsmith, Harold Walton .....	253 Highland Ave., Orange, N. J. ....	72 Bn
Atkinson, Robert .....	312 Gowen Ave., Mt. Airy, Pa. ....	3 L
Babb, Jervis Jefferis .....	157 Cricket Ave., Ardmore, Pa. ....	14 M
* Baker, James McGranahan .....	217 Cricket Ave., Ardmore, Pa. ....	11 M
Barlow, Thomas Bradwall .....	Hazel Grove, Cheshire, England ....	14 L
Bigelow, Henry Charles .....	917 Columbia Ave., Millville, N. J. ....	9 Bs
Caskey, Paul Herbert .....	98 Cortleigh Bvd., N. Toronto, Can. ....	14 Bs
Edmonds, John Branson .....	Wayne and Upsal Sts., Germantown, Pa. ....	15 L
Ewan, Stacy Newcomb, Jr. ....	Millville, N. J. ....	39 Bc
Gebauer, George John .....	646 West 18th St., Erie, Pa. ....	14 M
Haines, Edward Cadmus .....	Moorestown, N. J. ....	35 Bc
Hastings, Alan Woods .....	Prescott, Mass. ....	15 F
Hauff, Edmund Guido .....	2530 N. 8th St., Philadelphia, Pa. ....	18 L
Heilman, Eugene Blair .....	876 Wynnewood Rd., Philadelphia, Pa. ....	17 M
Henderson, Herschel Clifford .....	113 Maitland St., Toronto, Can. ....	12 M
Hoopers, John Robison .....	West Chester, Pa. ....	37 Bc
* Hurwitz, Boris Leon .....	2856 N. Marshall St., Philadelphia, Pa. ....	D
Jebb, William Thomas .....	922 Magee St., Lawndale, Pa. ....	44 Bc
Jones, John Barclay, Jr. ....	114 W. Coulter St., Germantown, Pa. ....	12 M

## HAVERFORD COLLEGE

Name	Home Address	College Address
† Klaren, John Hugo, Jr. ....	482 County St., New Bedford, Mass. ....	1 Bs
Long, Julian Sax .....	33 S. Washington St., Wilkes-Barre, Pa. ....	14 Bs
* McKinley, Morrison Cushman .....	1619 Green St., Philadelphia, Pa. ....	15 Bs
* Macadam, John, Jr. ....	Kentmere, Wilmington, Del. ....	18 L
† MacIntosh, Archibald .....	7 Chalmers Place, Chicago, Ill. ....	70 Bn
Matzke, David .....	805 E. Seneca St., Ithaca, N. Y. ....	10 Bs
Mengert, William Felix .....	310 Third St., S. E., Washington, D. C. ....	13 Bs
* Miller, John Delaplane .....	Woodsboro, Md. ....	4 M
* Miner, Edwin Demetrius .....	236 Rich Ave., Mt. Vernon, N. Y. ....	20 L
Nock, Samuel Albert .....	319 Division Ave., Hasbrouck Hts., N. J. ....	8 M
Ohl, Raymond Theodore .....	148 Cricket Ave., Ardmore, Pa. ....	D
Pierce, James Lawrence .....	Radnor, Pa. ....	11 L
Powell, Amos Arthur .....	Bryn Mawr, Pa. ....	13 M
Roberts, Garrett .....	27 Hillside Ave., Montclair, N. J. ....	16 L
Rogers, Albert Edward .....	Medford, N. J. ....	37 Bc
Rogers, Joseph Elsworth .....	56 Church St., Toronto, Canada ....	16 L
† Sangree, Milton Huyett .....	4031 Baltimore Ave., Philadelphia, Pa. ....	16 F
Smith, Joseph Hutchinson .....	Maple Ave., West Chester, Pa. ....	15 M
* Taylor, Willard Samuel .....	Malvern, Pa. ....	3 F
Timbres, Harry Garland .....	Clover Bar, Alberta, Canada ....	8 M
Ufford, Charles Wilbur .....	400 W. 118th St., New York, N. Y. ....	16 Bs
Weatherby, Benjamin B., 2d .....	Millville, N. J. ....	3 L
* Wilbur, Bertrand Henry .....	Haverford, Pa. ....	D
Wilson, David Harris .....	Haddonfield, N. J. ....	35 Bc
Wood, Robert Newlin .....	Riverton, N. J. ....	16 Bs
Wood, Richard Reeve .....	Riverton, N. J. ....	21 Bs
Zook, Allan .....	Woodland Ave., Malvern, Pa. ....	3 F

### SOPHOMORE CLASS

Abbott, Charles David, Jr. ....	211 S. Walnut St., Milford, Del. ....	110 M
* Arrowsmith, Noel Stryker .....	253 Highland Ave., Orange, N. J. ....	12 L
* Atlee, Charles Biddle .....	Riverton, N. J. ....	7 L
* Barker, John Bryant .....	Forward and Tilbury Ave., Pittsburgh, Pa. ....	66 Bn
Braddock-Rogers, Kenneth .....	Haddonfield, N. J. ....	14 F
† Brinton, Charles Addison .....	925 Old Lancaster Rd., Bryn Mawr, Pa. ....	D
Bucknell, Allen Kazlitt .....	3227 Lincoln Ave., East St. Louis, Ill. ....	11 F
* Carey, Anthony Morris, Jr. ....	1004 Cathedral St., Baltimore, Md. ....	12 L
* Chang, Samuel Hiok .....	Swatow, China ....	D
† Coder, William Dickey .....	620 S. High St., West Chester, Pa. ....	12 L
Emigh, Chalmers Preston .....	Huntingdon, Pa. ....	60 Bn
Fausler, Thomas LaFayette, Jr. ....	Frazer, Pa. ....	12 Bs
Fraser, Henry Salmon .....	1113 First North St., Syracuse, N. Y. ....	36 Bc
Grigg, Harold Maurice .....	Haddonfield, N. J. ....	1 M
Gummere, John Flagg .....	Glen Mills, Pa. ....	59 Bn
* Hacker, Raymond Colby .....	1400 Lindley Ave., Philadelphia, Pa. ....	2 L



## DIRECTORY

Name	Home Address	College Address
Hall, Percival, Jr. ....	1 Kendall Green, Washington, D. C. ....	13 F
†Hallock, Joseph .....	Milton, N. Y. ....	68 Bn
Heilman, William Blair .....	876 Wynnewood Rd., Philadelphia, Pa....	31 M
Hendricks, William Craig .....	Chambersburg, Pa. ....	66 Bn
Hilleman, George Adolph .....	7152 Meade St., Pittsburgh, Pa. ....	59 Bn
Janney, Richard Worth .....	212 W. Upsal St., Germantown, Pa. ....	13 L
*Kay, David Alexander .....	522 N. Church St., West Chester, Pa....	61 Bn
Klemm, Ralph Adam .....	1204 Lehigh Ave., Philadelphia, Pa....	17 L
Kumm, Henry William .....	Summit, N. J. ....	10 F
*Lane, David R. ....	South Rd., Poughkeepsie, N. Y. ....	63 Bn
*McDaniel, Delaplaine .....	Wyncote, Pa. ....	9 M
*MacCallum, William Henry, Jr. ....	6602 Germantown Ave., Philadelphia, Pa..	19 L
*Matzke, Robert Rudolph .....	805 E. Seneca St., Ithaca, N. Y....	19 L
Miller, Karl Matz .....	217 E. King St., Lancaster, Pa....	14 L
Miller, Vincent Oscar .....	Dennisville, N. J. ....	111 M
Montgomery, Thomas .....	Woods Hole, Mass. ....	69 Bn
Muench, Alfred George .....	3041 N. 4th St., Philadelphia, Pa. ....	61 Bn
*Nakane, Shigeo .....	621 Nakashibuya, Tokyo, Japan .....	9 F
Paxson, Chauncey Gause .....	2414 Bryn Mawr Ave., Philadelphia. ....	6 M
Pfund, Harry William .....	115 W. Logan St., Philadelphia, Pa. ....	101 M
*Reiter, John Harkey .....	452 Walnut St., Allentown, Pa. ....	6 M
Reitzel, William Attich .....	500 S. 49th St., Philadelphia, Pa. ....	109 M
Rhoads, William Lester .....	Boyetown, Pa. ....	60 Bn
*Sagebeer, Richard Grafflin .....	Berwyn, Pa. ....	D
Sangree, Nathan Barnitz .....	4031 Baltimore Ave., Philadelphia, Pa....	12 F
*Sargent, Frederic Homer, Jr. ....	Wesley Inn, Wayne, Pa. ....	11 L
Sidel, James Eckel .....	509 Robeson St., Reading, Pa. ....	102 M
Silver, William Easter .....	Aberdeen, Md. ....	58 Bn
*Smith, Edward Lincoln, Jr. ....	Hatboro, Pa. ....	44 Bc
Snader, Craige McComb .....	Haverford, Pa. ....	13 L
Sutton, Richard Manliffe .....	1547 Clarkston St., Denver, Colo. ....	11 Bs
*Tatnall, Thomas, Jr. ....	902 Delaware Ave., Wilmington, Del....	66 Bn
Taylor, Edward Allinson .....	Haverford, Pa. ....	69 Bn
Thompson, Edward Jackson .....	Philipsburg, Pa. ....	68 Bn
Walton, Kenneth Betts .....	Narberth, Pa. ....	5 M
*Wirt, Prosper Daniel .....	403 S. 12th St., Lebanon, Pa. ....	17 L
Wright, John Colvin .....	116 E. Penn St., Bedford, Pa. ....	115 M
Zerrer, Edwin Watter .....	5428 Westford Rd., Olney Park, Pa....	58 Bn

### FRESHMAN CLASS

Allen, Russel Greene, Jr. ....	Cornwall-on-Hudson, N. Y. ....	114 M
Bacon, William Warder, Jr. ....	162 Queen Lane, Germantown, Pa....	52 Bn
Borton, John Carter .....	Moorestown, N. J. ....	51 Bn
Brown, Henry Tatnall, Jr. ....	Moorestown, N. J. ....	4 L
Buck, Addison Steward .....	3182 Perry Ave., New York, N. Y....	108 M

## HAVERFORD COLLEGE

Name	Home Address	College Address
Chapman, Joseph Zarre Collings	335 S. 16th St., Philadelphia, Pa.	55 Bn
Cope, Oliver	200 E. Johnson St., Germantown, Pa.	50 Bn
Dennett, Carleton	350 W. 55th St., New York, N. Y.	26 Bc
Farrar, Hal Gordon	1434 Tremont Place, Denver, Colo.	5 L
*Fay, Joseph Millard, Jr.	808 Howard Ave., Altoona, Pa.	2 L
Fisher, Guilford Dudley	Malvern, Pa.	5 Bs
Flint, Frank Plumley	11 McDevitt Place, Pittsburgh, Pa.	103 M
Fry, Gilbert Crawford	4612 Chester Ave., Philadelphia, Pa.	8 L
Grimes, George Randle	333 Vassar Ave., Swarthmore, Pa.	116 M
*Guthrie, Frank Warren	Youngstown, O.	5 L
Hamilton, William Henry	4835 California St., Omaha, Neb.	2 F
Haviland, Edward Kenneth	Port Deposit, Md.	25 Bc
Heyer, Charles Dixon	High and Ridgway Sts., Mt. Holly, N. J.	4 Bs
Heyne, Irvin Coltun	5301 Larchwood Ave., Philadelphia, Pa.	28 Bc
*Himes, Rees Slaymaker	120 E. King St., Shippensburg, Pa.	21 L
*Hinrichsen, Axel Fibiger	Glenolden, Pa.	D
Hoag, Garrett Scattergood	Haverford, Pa.	5 Bs
Holmes, Lee Grant	517 W. Mulberry St., Baltimore, Md.	29 Bc
*Howland, John Gibbs	70 Borden St., New Bedford, Mass.	6 L
*Hubbard, Hillis Johnson	729 W. 28th St., Los Angeles, Cal.	6 L
Huffman, George Conrad	Waynesburg, Pa.	21 L
Hunsicker, William Cosgrove, Jr.	1625 Race St., Philadelphia, Pa.	15 Bs
Hunt, George Wood	709 Spruce St., Philadelphia, Pa.	D
Hutkin, Marcus Diamonstone	5826 Mascher St., Philadelphia, Pa.	30 Bc
Jones, Wilmot Rufus	Concord, Mass.	3 Bs
Knowlton, Stephen Brooks	Haverford, Pa.	D
Leeds, Robert West	162 S. Penn Ave., Atlantic City, N. J.	1 L
Lewis, Andrew Lindsay	11 E. Baltimore Ave., Lansdowne, Pa.	67 Bn
*Logan, Thomas Megowan	48 E. Washington Lane, Philadelphia, Pa.	62 Bn
Lyon, John Lyttleton	5 Reservoir Ave., Ithaca, N. Y.	8 Bs
Morris, Marriott Canby, Jr.	131 W. Walnut Lane, Germantown, Pa.	51 Bn
Morss, Franklin Crawford, Jr.	6703 Cresheim Rd., Mt. Airy Pa.	26 Bc
Mutch, Thomas Sangster	Bryn Mawr, Pa.	D
*Nesbitt, Robert, Jr.	118 De Victor Pl., E. E., Pittsburgh, Pa.	6 L
*Osler, Howard Benjamin	49 S. Union Ave., Pensauken, N. J.	3 M
*Parke, Thomas	Downingtown, Pa.	2 Bs
Pruitt, Dudley McConnell	Chefoo, China	29 Bc
Rutt, Norman Eby	Bryn Mawr, Pa.	D
Sayre, Austin Bartholomew	181 Ridgwood Ave., Glen Ridge, N. J.	8 L
Scott, Kennett Church	Oakbourne, Pa.	54 Bn
Shoemaker, Benjamin Hollowell, 3d.	523 Church Lane, Germantown, Pa.	50 Bn
*Stevenson, John Bryant	1530 Denniston Ave., Pittsburgh, Pa.	104 M
Strawbridge, Gordon Weld	School Lane, Germantown, Pa.	52 Bn
Strayer, Charlton Bevan	101 E. Tremont Ave., New York, N. Y.	107 M
Test, Alfred Longstaff	8th and Spruce Sts., Philadelphia, Pa.	4 L
Wagenseller, Wayne MacVeagh	32 E. Main St., Bloomsburg, Pa.	67 Bn
Walton, William Wyclif	Narberth, Pa.	2 M

## TELEPHONE DIRECTORY

Name	Home Address	College Address
Warner, Charles, Jr. ....	11th and Nottingham Rd., Wilmington, Del.	1 L
White, Nelson Arnold .....	Drexel Hill, Pa. ....	30 Bc
*Wilbur, Harry Lawrence .....	Haverford, Pa. ....	D
Williamson, Alexander Jardine .....	West Chester, Pa. ....	25 Bc
*Wilson, Gerald .....	2487 Grand Ave., New York, N. Y. ....	7 L

### SUMMARY

Graduate students .....	2
Seniors .....	44
Juniors .....	47
Sophomores .....	54
Freshmen .....	57
Total .....	204

### TELEPHONE DIRECTORY OF FACULTY AND OFFICERS

Babbitt, Dr. James A. ....	3 College Ave. ....	Ardmore	50
Barrett, Don C. ....	5 College Circle .....	Ardmore	115 W
Bull, Arthur W. ....	7 Founders Hall .....	Ardmore	564 J
Carpenter, James McF., Jr. ....	Woodside .....	Ardmore	522 W
Chase, Oscar M. ....	Founders Hall .....	Ardmore	564 J
Collins, William H. ....	Old Railroad Ave. ....	Ardmore	1089
Comfort, William W. ....	Walton Field .....	Ardmore	455
Davis, George E. ....	20 Lloyd Hall .....	Ardmore	1427
Gilbert, Percy G. ....	5414 Walnut St., Phila.		
Grant, Elihu .....	8 College Lane .....	Ardmore	258 W
Hildreth, Walter A. ....	123 Ardmore Ave., Ardmore, Pa.		
Johnston, Robert J. ....	Founders Hall .....	Ardmore	564 J
Jones, Rufus M. ....	2 College Circle .....	Ardmore	97 J
Kelsey, Rayner W. ....	11 College Ave. ....	Ardmore	563 W
Lockwood, Dean P. ....	6 College Circle .....	Ardmore	522 J
Lunt, William F. ....	5 College Lane .....	Ardmore	1507 W
Meldrum, W. Buell .....	13 College Ave. ....		
Palmer, Frederic, Jr. ....	7 College Lane .....	Ardmore	97 W
Post, L. Arnold .....	Millbrook Ave. ....	Ardmore	406 J
Pratt, Henry S. ....	4 College Circle .....	Ardmore	942 J
Reid, Leigh W. ....	Merion Hall .....	Ardmore	986 W
Rittenhouse, Leon H. ....	6 College Lane .....	Ardmore	285 J
Sanger, George T. ....	Founders Hall .....	Ardmore	564 J
Snyder, Edward D. ....	15 College Ave. ....	Ardmore	1509 W
Stansbury, Milton H. ....	7 Founders Hall .....	Ardmore	564 J
Thomas, Allen C. ....	9 College Lane .....	Ardmore	258 J
Watson, Frank D. ....	5 College Ave. ....	Ardmore	203 W
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# HAVERFORD COLLEGE BULLETIN

VOL. XVIII

MAY, 1920

No. 5

## Athletic Number

1919-1920



Issued Quarterly by Haverford College,  
Haverford, Pa.

Entered December 10th, 1902, at Haverford, Pa.  
Second-Class Matter under Act of Congress of July 16th, 1894



# Haverford College Athletics

1919-1920



Edited in the Interest of Haverford



## Haverford College Athletic Bulletin

With this number we renew the custom, omitted in war time, of making a composite report of the Haverford Athletic Year. The effect of the interim period, is perhaps reflected in the rather meager record of victories won—but if our friends will be patient, we feel that the foundation is being laid for a return to pristine athletic strength—this in the development of strength in the lower classes, and the selection of earnest, conscientious leaders of the various teams.

Haverford has adopted together with the Freshman Rule for the first half-year, a plan for universal training in physical sports for the two lower classes and this for the entire year. The watchword is physical efficiency for every student, and it's effect should be cumulative.

We shall include in the cricket record certain reports of the preceding year.

We deeply appreciate the voluntary assistance of Cleaver Thomas in Soccer, Francis Sharpless in Gymnasium, Philip Corson in Basketball and E. M. Jones in Track Coaching. This service has been most loyally and efficiently given.

JAMES A. BABBITT.

6.10.20.

## Haverford College

### Department of Physical Education

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.

President.

JAMES A. BABBITT, A.M., M.D.

Professor of Hygiene and Physical Education.

ARLINGTON EVANS

Instructor in Physical Training.

DR. M. S. BENNETT

Coach of Football, Basketball, and Baseball Teams.

CHARLES BRAITHWAITE

Coach of Cricket.

DR. JOHN J. KEOGH

Coach of Track.

GEORGE YOUNG

Coach of Soccer.

A. ARTHUR POWELL

Accompanist in Gymnasium.

---

H. NORMAN THORN

Chairman, Alumni Athletic Committee.

JOHN L. SCULL

Treasurer of the Athletic Association.

### Department Chairmen

W. T. KIRK, 3D, '16, Football.

C. C. MORRIS, JR. '04, Cricket.

S. E. STOKES, '14, Soccer.

L. DAM, '17, Track.

F. P. SHARPLESS, '16, Gymnasium.

E. R. TATNALL, '07, Baseball.

J. E. SHIPLEY, '16, Basketball.

## Joint Committee on Athletics, 1919-20

H. NORMAN THORN, '04, *Chairman*

HENRY COPE, '69	JOSEPH W. SHARP, JR., '88
RICHARD M. GUMMERE, '02	C. C. MORRIS, '04
JOHN L. SCULL, '05	JOSEPH TATNALL, '13
EMMETT R. TATNALL, '07	S. EMLÉN STOKES, '14
JAMES E. SHIPLEY, '16	LORING DAM, '17

### Faculty Members

W. W. COMFORT, <i>President</i>	DR. JAMES A. BABBITT
FREDERIC PALMER, JR., <i>Dean</i>	LEVI ARNOLD POST

### Undergraduate Members

J. M. CROSMAN	S. C. VAN SICKLE
F. S. SILVER	A. D. OLIVER
C. A. OSLER	G. E. TOOGOOD
H. McC. HALLETT	J. D. REESE
R. W. BURRITT	J. S. WILLIAMS
T. H. KEARNEY	H. C. HENDERSON
A. S. KNOWLTON	C. J. LEUBA

### Athletic Cabinet

J. M. CROSMAN, '20, <i>President</i> , retired	
J. A. HISEY, '20, retired	F. S. SILVER, '20
J. R. FITTS, '20, <i>President</i>	J. S. WILLIAMS, '20
C. A. OSLER, '20	G. E. TOOGOOD, '20
R. W. BURRITT, '20	ARCHIBALD MACINTOSH, '21, <i>Secretary</i>
A. D. KNOWLTON, '20	PAUL CASKEY, '21
A. D. OLIVER, '20	JOHN L. SCULL, '05, <i>Ex-officio</i>
DR. JAMES A. BABBITT, <i>Chairman ex-officio</i>	

### Athletic Association

J. RUSSELL FITTS, '20, <i>President</i>
ARCHIBALD MACINTOSH, '21, <i>Secretary</i>
JOHN L. SCULL, '05, <i>Treasurer</i>

## The Athletic Cabinet

### *Purpose.*

This group is selected from representative men in College, partly by appointment and partly by election, and is organized (a) for conference upon important college athletic affairs, (b) for taking the initiative in important college innovations, and (c) for bringing into harmonious co-operation the various college athletic organizations. It shall act as college host to visiting athletic alumni whenever opportunity presents. It shall in no way influence college politics nor administer athletic finances, and shall act in advisory rather than executive capacity.

### *Membership.*

Its members shall consist of twelve men, including the chairman *ex-officio* and the treasurer of the college Athletic Association, and the captains of the Football, Soccer, Gymnasium, Basketball, Track, Baseball, and Cricket teams respectively. The remaining members shall be elected by ballot of the retiring cabinet.

### *Meetings.*

Meetings shall be held when feasible upon the first Tuesday evening of each month upon the invitation of the *ex-officio* host. When this date conflicts with other college appointments, meeting shall be arranged by conference between the president and chairman.

Special sessions shall be called as need requires.

### *Officers.*

Officers shall consist of a president and secretary, elected at the first meeting of the year. These two, with the chairman *ex-officio* shall constitute the executive committee.

### *Special Functions.*

The cabinet shall direct the various interscholastic meetings at the College; shall assist in the alumni athletic gatherings during the year, confer upon matters presented from the Faculty Athletic Committee and consider all questions of intercollegiate importance.



## Constitution of the Haverford College Athletic Association

### ARTICLE I.

#### *Name.*

This association shall be known as the Haverford College Athletic Association.

### ARTICLE II.

#### *Members.*

SECTION 1. All undergraduates are eligible as Active Members, and all graduates, ex-students and members of the Faculty of Haverford College are eligible as Associate Members.

SECTION 2. The annual dues of all Active Members shall be twelve dollars (\$12). The annual dues of all Associate Members shall be five dollars (\$5).

SECTION 3. Every Associate Member, in good standing, shall receive a card admitting him to all home athletic contests, except to the Haverford-Swarthmore football game.

### ARTICLE III.

#### *Association Officers.*

SECTION 1. The officers of the Association shall be a President, a Secretary and a Treasurer.

SECTION 2. The President shall be an undergraduate, nominated from the Junior Class immediately prior to the end of the collegiate year, and elected by a majority vote of all the Active Members, to serve during his Senior year. He shall call and preside over all meetings; he shall be an *ex-officio* member of all committees; he shall appoint all committees not otherwise provided for; and he shall discharge all non-departmental business. He shall annually have published in the Athletic Bulletin a revised and correct copy of the Constitution of the Association.

SECTION 3. The Secretary shall be an undergraduate, nominated from the Sophomore Class immediately prior to the end of the collegiate year, and elected by a majority vote of all the Active Members to serve during his Junior year. He shall keep an accu-

rate record of all meetings; he shall preside over the meetings in the absence of the President, and he shall assist the President in discharging all routine business.

SECTION 4. The Treasurer shall be elected by the Joint Committee. (a) He shall receive and be custodian of all funds belonging to the Association, and shall disburse them according to his best judgment. He shall publish an annual report in some undergraduate publication, fully itemized, and showing the exact expenses of each department. His accounts shall be audited annually by an expert designated by the Joint Committee. He shall see that donations for special uses are so expended. He shall confer with the Manager of each department on all financial questions connected with that department.

(b) Taking twelve dollars (\$12) as a basis, the dues of the Association shall be divided among the departments as follows: (a) Football, \$1.25; (b) Soccer, \$2.25; (c) Gymnasium, \$1.00; (d) Cricket, \$1.50; (e) Track, \$2.25; (f) Baseball, \$1.00; (g) Tennis, \$0.75; (h) Basketball, \$1.00; general fund, \$1.00.

#### ARTICLE IV.

##### *Joint Committee on Athletics.*

SECTION 1. There shall be a Joint Committee on Athletics, which shall consist of thirteen Alumni Members, appointed by the Alumni Association, the Faculty Members, the President and Secretary of the Association, and the Captains and Managers of the Athletic Departments of the Association.

SECTION 2. The Joint Committee shall hear reports from the various departments and shall have ultimate authority in all matters which may arise in connection with Haverford College athletics.

SECTION 3. The Joint Committee shall elect the Treasurer of the Association.

#### ARTICLE V.

##### *Nominating Committee.*

SECTION 1. There shall be a Nominating Committee, composed of three Seniors, two Juniors and one Sophomore, elected by their respective classes immediately prior to the end of the preceding collegiate year, and presided over by the President of the Association.

SECTION 2. The Sub-Assistant Football Managers, the Assistant Managers in all other departments, the Cheer Leader and the officers of this Association, except the Treasurer, shall be nominated by this committee, and all nominations shall be posted one week before they are voted on. Any additional nominations shall be posted at the signed request of twenty-five members.

SECTION 3. In event of a vacancy in the Managership of any department, the position shall be offered to the defeated Assistant; if he is unable to accept, the committee shall nominate two names, to be posted in the regular manner and voted on by the members of the department squad.

SECTION 4. In event of a vacancy in the Assistant Managerships, the nomination shall be offered to the defeated Sub-Assistant Managers; if they are unable to accept, the committee shall nominate two names, to be posted in the regular manner and voted on by the Active Members of the Association.

## ARTICLE VI.

### *Departments and Officers.*

SECTION 1. This Association shall consist of eight departments, namely: Football, Soccer, Gymnasium, Basketball, Cricket, Track, Baseball and Tennis, and each of these departments shall be administered by a Captain, a Manager and two Assistant Managers, together with the existing Coach, except that the Football Department shall also have four Sub-Assistant Managers.

(a) The teams to represent the college in each department shall be chosen as follows: In Football, Gymnasium, Track and Baseball, by the Coach; in Soccer and Cricket, by the Captain, Coach and Manager; and in Tennis, by the Captain and Manager.

(b) The Manager, or in his absence the Acting Manager, shall be responsible for the personal property of all visiting teams, and in cases of negligence on his part he shall be held strictly accountable for the total amount of the loss sustained.

SECTION 2. The Captain shall be elected by the regular members of each team, as selected by the committee in charge of awarding the "H."

SECTION 3. The Manager shall be elected from the Assistant Managers as soon as possible after the close of the department

season by the team squad, which shall be defined in each department as follows:

(a) Football—not less than twenty-two men, selected by the Captain, Coach and Manager.

(b) Soccer—not less than twenty-two men from the first and second teams, selected by the Captain, Coach and Manager.

(c) Gymnasium—all men performing in any Varsity meet or Varsity exhibition during the season.

(d) Cricket—not less than twenty-two men from the first and second teams, selected by the Captain, Coach and Manager.

(e) Track—all men performing in any Varsity meet during the season.

(f) Baseball—not less than eighteen men, selected by Captain, Coach and Manager.

(g) Tennis—all men playing in any inter-collegiate match.

(h) Basketball—not less than ten men selected by Captain, Coach and Manager.

SECTION 4. The Assistant Managers (except the Football and Baseball Assistants, who shall be elected by the team squad after consultation with the manager of the team and the treasurer of the Athletic Association) shall be nominated from the Sophomore Class by the nominating committee after consultation with the faculty to serve during their Junior year, and shall be elected by a majority vote of the Active Members. The Sub-Assistant Football and Baseball Managers shall be nominated and elected in the same way to serve during their Sophomore year.

SECTION 5. The Cheer Leader shall be elected by the Active Members at the end of his Junior year to serve during his Senior year. He shall serve in all departments. He shall call out and be responsible for Assistants and shall suggest at least four names to the Nominating Committee, from which his successor shall be elected.

## ARTICLE VII.

### *Meetings.*

SECTION 1. Meetings of the Association may be called at any time by the President or upon petition by thirty Active Members of the Association. A quorum shall consist of two-thirds of the Active Members of the Association.

SECTION 2. Members of the Freshman Class shall not vote during the first quarter.

## ARTICLE VIII.

### *Amendments and By-Laws.*

The Joint Committee shall make such further regulations as may seem necessary from time to time, but these articles shall not be amended except by a two-thirds vote of the Active Members of this Association after a week's notice.

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## Regulations for Uniforms and Insignia

### ARTICLE I.

All committees for awarding insignia shall be responsible to the Athletic Association.

### ARTICLE II.

#### *Varsity Letter.*

SECTION 1. The Varsity H for all branches of athletics shall be as follows: (a) On all coat sweaters and jerseys the H shall be block and shall be  $2\frac{3}{4}$  inches across (not including the block) and  $4\frac{1}{2}$  inches high. The block shall extend  $\frac{1}{2}$  inch beyond the bar and shall be  $\frac{1}{2}$  inch thick at the base, tapering to  $\frac{3}{8}$  inch at the end. The base shall be  $\frac{3}{4}$  inch thick. (b) On all V-neck sweaters the H shall be straight, 4 inches wide and  $5\frac{1}{2}$  inches high, the base shall be 1 inch thick, except the Cricket and Baseball H, which shall be block H's.

SECTION 2. Each man receiving a Varsity H shall receive a certificate attesting the same and signed by the College President, Athletic Director and Captain of the department awarding the letter.

### ARTICLE III.

#### *Class Numerals.*

SECTION 1. In each department the class numerals and sweaters shall be identical in color and style, respectively, with the regulation Varsity H and sweater as prescribed for that department. The numerals shall be plain Arabic numerals,  $3\frac{1}{2}$  inches high and  $\frac{3}{4}$  inch thick.

SECTION 2. Each man receiving his class numerals shall also receive a certificate attesting the same, signed by the Athletic Director and Captain of the Department awarding the numerals.

SECTION 3. Numerals shall be awarded by the same committee that awards the H in each department. Numerals shall not be awarded by any department to a man who has received his H during that season in the department.

#### ARTICLE IV.

##### *Football.*

SECTION 1. The football jersey shall be black, with sleeves striped, alternating scarlet and black, the stripes being two (2) inches wide. This jersey may not be worn off the football field except by holders of the football H.

SECTION 2. The football sweater shall be a solid black, coat or V neck, sweater with the regulation scarlet Varsity H. The football H shall be awarded each year by the Captain, Coach and Manager of the department to not more than twelve (12) men.

SECTION 3. Numerals may be awarded to not more than five (5) men in recognition of conscientious work during the season either on the Varsity or scrub teams.

SECTION 4. Upon vote of the Athletic Association, the Football Manager shall be awarded an insignia in the form of a gold charm, properly engraved.

#### ARTICLE V.

##### *Soccer.*

SECTION 1. (a) The Varsity soccer uniform shall consist of a gray shirt with a scarlet and black stripe, 3 inches wide, running diagonally over the right shoulder; black trousers, scarlet belt and black stockings with a 4-inch scarlet horizontal stripe. The soccer shirt must be worn by a player in any First Team game, and may be worn at any time by a player who has participated in two (2) full Intercollegiate League games or their equivalent.

SECTION 1. (b) The Second Team uniform shall be similar to that of the Varsity, except that the shirt shall have but a single stripe, to be of scarlet and  $\frac{1}{2}$  inch wide. This shirt must be worn

by a player in any Second Team game, and may be worn at any time by a player who has participated in six (6) full Second Team league games on the Second Team or their equivalent.

SECTION 2. The soccer sweater shall be a solid white, coat or V-neck sweater, with the regulation scarlet Varsity H. The soccer H shall be awarded each year by the Captain, Coach and Manager of the department to not more than eight (8) men, except that eleven (11) H's may be awarded to a team winning the Intercollegiate Championship.

SECTION 3. Numerals may be awarded to not more than five (5) men who are adjudged to be the most deserving on the Varsity or Second Team.

## ARTICLE VI.

### *Gymnasium.*

SECTION 1. The gymnasium costume shall be a leotard having a scarlet front, rounded at the bottom and extending as far as the shoulder, and buttoning over the shoulder, and black tights with a scarlet belt.

SECTION 2. The gymnastic sweater shall be either a scarlet coat sweater having a black border  $1\frac{3}{4}$  inches wide, black wristlets 4 inches deep and a black block H, or a scarlet V-neck sweater having a black band  $1\frac{3}{4}$  inches wide on the skirt, and the regulation black straight H. The gymnastic H shall be awarded each year by the Captain, Coach and Manager of the department, and to no persons who have not won three first places in dual meets or a place in the Intercollegiates.

SECTION 3. The gymnastic insignia shall be the black monogram H. G. T. worn on the scarlet front of the leotard or on the regular gymnastic sweater. The H shall be a regulation straight H,  $\frac{1}{4}$  inch above the bar, shall be a straight G  $1\frac{1}{2}$  inches high and 1 inch wide, and  $\frac{1}{4}$  inch below the bar shall be a straight T  $1\frac{1}{2}$  inches high and 1 inch wide. This insignia shall be awarded each year at the discretion of the Captain, Coach and Manager of the department. Only those who have won at least three points in dual meets shall be eligible for consideration.

## ARTICLE VII.

*Cricket.*

SECTION 1. The cricket colors shall consist of the cricket sweater, the scarlet and black blazer and cap, and scarlet and black sash. The cricket sweater shall be white, V neck with a scarlet and black band on the skirt and wrists  $1\frac{1}{2}$  inches wide, and shall have on the breast a scarlet block H. The cricket colors and H shall be awarded each year by the Captain, Coach and Managers to not more than eleven men.

SECTION 2. Numerals may be awarded to not more than five (5) men who are adjudged to be the most deserving on the first and second teams.

## ARTICLE VIII.

*Track.*

SECTION 1. The track uniform shall consist of a white sleeveless jersey and white running trousers, with scarlet and black  $\frac{1}{2}$ -inch stripes down the sides and with a scarlet and black waistband.

SECTION 2. The track sweater shall be a solid scarlet, coat or V-neck sweater, with the regulation black Varsity H. A regulation black block H shall be worn on the jersey. The track H shall be awarded each year by the Captain, Coach and Manager, and only the following men shall be eligible for consideration:

(a) In the annual I. C. A. A. A. Meet, men who have won a point or part of a point.

(b) In the Middle States Intercollegiate Meet, men who have won or tied for a place, and who have won three (3) points in dual meets during the season.

(c) In the U. of P. Relay Carnival, members of a winning relay team who have won three (3) points in dual meets during the season.

(d) In dual meets, men who have won first place or tied for first place with a member of the opposing team, and also won five (5) other points in dual meets during the season. Note—A tie for second place with a member of the opposing team shall count three (3) points.

SECTION 3. Numerals may be awarded to any man scoring six (6) points in dual meets during the season.



SECTION 4. Points toward the Walton Prize Cup shall be counted as follows:

(a) I. C. A. A. A. Meet—For each of the five places, respectively, 25, 20, 15, 10 and 5 points.

(b) M. S. I. C. C. Meet—For each of the four places, respectively, 15, 9, 6 and 3 points.

(c) U. of P. Relays—Each member of the relay team for the three places, respectively, 5, 3 and 1 points. Three places in individual events, respectively, 15, 9 and 3 points.

(d) Dual Meets—Points to count as they are scored for the team.

## ARTICLE IX.

### *Baseball.*

SECTION 1. The baseball uniform shall consist of a plain gray collarless shirt with "Haverford" in 3-inch black letters on the breast and  $\frac{3}{4}$ -length sleeves over a plain black jersey, plain gray knee knickerbockers and plain black stockings.

SECTION 2. The baseball sweater shall be a solid white coat or V-neck sweater with the regulation black block H. The baseball H shall be awarded each year by the Captain, Coach and Manager of the department to not more than five (5) men (and for the season of 1918 these shall be approved by the Athletic Association).

SECTION 3. Numerals shall be awarded to not more than five (5) men, who are adjudged to be the most deserving on the first and second teams.

## ARTICLE X.

### *Tennis.*

SECTION 1. A scarlet regulation straight H shall be awarded to the winner or winners of the Intercollegiate Championship.

SECTION 2. The insignia shall consist of a scarlet monogram H. T. T. worn on the breast of a white V-neck sweater. The H shall be a regulation straight scarlet H;  $\frac{1}{4}$  inch above and below the bar shall be a straight T  $1\frac{1}{2}$  inches high and 1 inch wide. The insignia shall be awarded each year by the Captain and Manager to not more than four (4) members of the Varsity team.

SECTION 3. Numerals may be awarded to not more than three (3) members of the first and second teams for conscientious work during the season.

## ARTICLE X-A.

*Basketball.*

SECTION 1. The basketball uniform shall consist of a black jersey with two scarlet, 1-inch stripes separated by  $5\frac{5}{8}$  inches; khaki basketball trousers with scarlet and black stripes of  $\frac{5}{8}$  inches each, down the sides; and black stockings. The jersey shall be appropriately numbered on the back in scarlet.

SECTION 2. The basketball sweater shall be a solid white, coat or V-neck sweater with the regulation scarlet and black block H. The regulation scarlet and black block H shall consist of two sections formed by the diagonal from the upper right-hand corner of the H (exclusive of the block) to the lower left-hand corner (exclusive of the block). Note that both upper blocks will be entirely scarlet and both lower blocks entirely black.

The basketball H shall be awarded each year by the Captain, Coach and Manager of the Department to not more than three men.

SECTION 3. Basketball numerals shall be awarded each year to not more than three men, who are judged to be the most deserving on the first and second teams.

## ARTICLE XI.

*Varsity Hat.*

SECTION 1. The only hat on which H's may be worn shall be Varsity hat, and H's may be worn thereon only by those to whom they have been awarded as herein provided. This hat shall be a white flannel University Special hat (such as Spalding's No. 202) with scarlet and black block H with diagonal line from upper left to lower right hand corner, left section scarlet. The letter to be of the following dimensions: Height,  $\frac{3}{4}$  inch between blocks; block,  $\frac{9}{32}$  inch thick, projecting  $\frac{3}{16}$  inch; width inside bars,  $\frac{1}{2}$  inch; cross bars,  $\frac{9}{32}$  inch thick midway between blocks; vertical bars,  $\frac{1}{4}$  inch thick.

## ARTICLE XII.

*Class Hat.*

SECTION 1. The only hat on which class numerals may be worn shall be the official class hat, and numerals may be worn thereon

only by those to whom they have been awarded as herein provided. The numerals shall be plain Arabic numerals 1 inch high and  $\frac{1}{4}$  inch thick.

### ARTICLE XIII.

#### *Wearing of Emblems.*

No persons shall be entitled to wear an emblem, uniforms or parts of uniforms above mentioned, except on the field or in a meet, until that person shall have been authorized to do so by the committee having charge of same.

Adopted May, 1917.



## Football Department, 1919-20

### *Manager*

F. S. SILVER, '20

### *Assistant Managers*

A. E. ROGERS, '21

CHRISTOPHER ROBERTS, '21

### *Captain*

J. MARSHALL CROSMAN, '20

### *Coach*

DR. M. S. BENNETT

### *Cheer Leader*

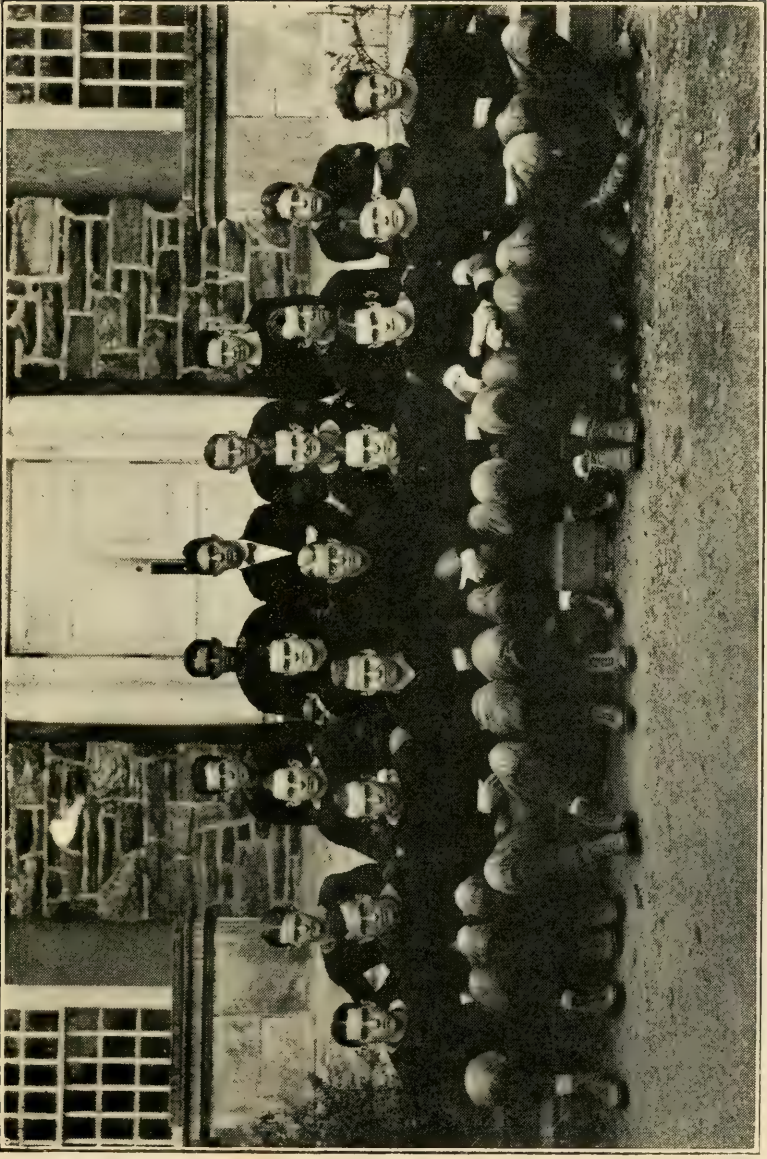
J. S. WILLIAMS, '20

### *Assistant Cheer Leader*

JULIAN S. LONG

## Haverford College Football Team

CROSMAN, '20 ( <i>Captain</i> )	Left halfback
KEARNEY, '20	Quarterback
TOOGOOD, '20	Left guard
KNOWLTON, '20	Left end
MACINTOSH, '21	Right halfback
PIERCE, '21	Right guard
CASKEY, '21	Right tackle
SANGREE, '21	Right end
CAREY, '22	Left tackle
MILLER, '22	Right end
BROWN, '23	Fullback
HOWLAND, '23	Center



HVERFORD COLLEGE FOOTBALL TEAM, 1919-20



**Wearers of Football H**

CROSMAN, '20 ( <i>Captain</i> )	CASKEY, '21
KEARNEY, '20	SANGREE, '21
TOOGOOD, '20	CAREY, '22
KNOWLTON, '20	MILLER, '22
MACINTOSH, '21 ( <i>Captain-elect</i> )	BROWN, '23
PIERCE, '21	HOWLAND, '23

**Wearers of Football Numerals**

FITTS, '20	ARROWSMITH, '21
VAN SICKLE, '20	PAXSON, '22
HAUFF, '21	

**Football Schedule, 1919-20**

- Oct. 11. Stevens, at Hoboken.
- 18. Lafayette, at Easton.
- 25. Delaware, at Haverford.
- Nov. 1. Franklin and Marshall, at Haverford.
- 8. Johns Hopkins, at Baltimore.
- 15. Dickinson, at Haverford.
- 22. Swarthmore, at Swarthmore.

**Haverford, 0; Stevens, 6**

October 11, 1919

Haverford		Stevens
Miller.....	l. e.....	Carlson
Carey.....	l. t.....	Flockhart
Howland.....	l. g.....	Emslie
MacIntosh.....	c.....	Johnson
Hauff.....	r. g.....	Busch
Caskey.....	r. t.....	Brune
H. Sangree.....	r. e.....	Heinen
Crosman (Capt.).....	q. b.....	Bloss (Capt.)
Kearney.....	l. h. b.....	Ford
N. Sangree.....	r. h. b.....	Deghuee
Brown.....	f. b.....	Goodale

Touchdown—Goodale. Substitutions for Haverford—Arrow-smith for N. Sangree, Fitts for Kearney. Substitutions for Stevens—Egger for Carlson, Hirty for Ford, Anthony for Emslie, Hopkins for Heinen, Benjamin for Deghue. Referee—Garrison, Wesleyan. Umpire—Coryell, U. of P. Head Linesman—Cummins. Time of quarters—12 minutes.

### Haverford, 0; Lafayette, 41

October 18, 1919

Haverford		Lafayette
Knowlton.....	l. e.....	Hummel
Carey.....	l. t.....	Bedner
Hilleman.....	l. g.....	Wolbert
Howland.....	c.....	Brown
Hauff.....	r. g.....	Schwab
Caskey.....	r. t.....	Williams
Sangree.....	r. e.....	Du Moe
Sargent.....	q. b.....	Siegel
Crosman (Capt.).....	l. h. b.....	Houser
MacIntosh.....	r. h. b.....	Lehecka
Brown.....	f. b.....	Weldon (Capt.)

Touchdowns—Lehacka (3); Houser, Weldon, Siegel. Goal from touchdown—Weldon. Goal from placement—Seaman. Referee—Taggart, Rochester. Umpire—Davidson, Pennsylvania. Head Linesman—Smith, Bucknell. Time of periods—12 minutes.

#### SCORE BY PERIODS

Lafayette.....	13	13	3	12—41
Haverford.....	0	0	0	0—0



Haverford, 0; Delaware, 14

October 25, 1919

Haverford		Delaware
Knowlton.....	l. e.....	Megaw
Hoopes.....	l. t.....	Holton
Toogood.....	l. g.....	Poole
Howland.....	c.....	Stewart
Hauff.....	r. g.....	Marconetti
Carey.....	r. t.....	Carter
Sangree.....	r. e.....	McGee
Kearney.....	q. b.....	McCaughn
Crosman.....	l. h. b.....	Alexander
MacIntosh.....	r. h. b.....	Plam
Brown.....	f. b.....	Winthrop

Touchdowns—Alexander, McCaughn. Goal from Touchdown—Stewart (2). Substitutions for Haverford—Hilleman for Hauff, Pierce for Hilleman, Walton for Hoopes, Taylor for Sangree, Sangree for Taylor. Substitutions for Delaware—Loose for Poole, Tonkin for Winthrop, Cavanaugh for Plam. Referee—Hoskins, Lafayette. Umpire—Davison, Pennsylvania. Head Linesman—Palmer, Colby. Time of periods—12 minutes.

SCORE BY PERIODS

Delaware.....	0	0	14	0—14
Haverford.....	0	0	0	0—0

## Haverford, 10; Franklin and Marshall, 7

November 1, 1920

Haverford		F. and M.
Miller	l. e.	Hoster
Carey	l. t.	Kurtz
Toogood	l. g.	L. Weaver
Howland	c.	Rickart
Pierce	r. g.	Burney
Caskey	r. t.	Diffenbaugh
Sangree	r. e.	H. Weaver
Kearney	q. b.	May
Crosman (Capt.)	l. h. b.	Dechart
MacIntosh	r. h. b.	Trier
Brown	f. b.	Schaeffer

Touchdowns—May, MacIntosh. Goal from touchdown—May, Crosman. Field goal—Crosman. Substitutions for Haverford—Knowlton for Sangree, Hoopes for Carey. Substitutions for F. and M.—Barr for Kurtz, Kurtz for Barr, Trexel for May, Marshall for Schaeffer. Referee—Merritt, Yale. Umpire—Davison, Pennsylvania. Head Linesman—Hoskins. Time of periods—15 minutes.

## SCORE BY PERIODS

Franklin and Marshall	7	0	0	0—7
Haverford	0	7	0	3—10

## Haverford, 7; Johns Hopkins, 0

November 8, 1919

Haverford		Johns Hopkins
Knowlton	l. e.	W. Wood
Carey	l. t.	Barrett
Toogood	l. g.	Rones
Howland	c.	Cashell
Pierce	r. g.	Landy
Caskey	r. t.	F. Wood
Sangree	r. e.	Randall
Kearney	q. b.	Tome
Crosman (Capt.)	l. h. b.	Watson
MacIntosh	r. h. b.	Jones
Bacon	f. b.	Calkins

Touchdown—Bacon. Goal from touchdown—Crosman. Substitutions for Haverford—Paxson for Pierce, Jones for Toogood. Substitutions for Hopkins—Schas for Rones, Hoffman for Watson, Owings for Tome, Barchet for Jones. Referee—Merrit, Yale. Umpire—Stevenson, Drake. Head Linesman—Lewis, Harvard. Time of periods—15 minutes.

**Haverford, 7; Dickinson, 7**

November 15, 1919

Haverford		Dickinson
Knowlton.....	.l. e.....	Pritchard
Carey.....	.l. t.....	Multon
Paxson.....	.l. g.....	Dougherty
Howland.....	.c.....	Rich
Pierce.....	.r. g.....	Obermiller
Caskey.....	.r. t.....	Sharp
Sangree.....	.r. e.....	Goeltz
Kearney.....	.q. b.....	Seigenfus
Crosman (Capt.).....	.l. h. b.....	Wertachnich
MacIntosh.....	.r. h. b.....	Davis
Brown.....	.f. b.....	Palm (Capt.)

Touchdowns—Crosman, Pritchard. Goals from touchdown—Crosman, Seigenfus. Substitutions for Haverford—Miller for Sangree. Substitutions for Dickinson—Smith for Pritchard, Pipa for Seigenfus, Warren for Davis, Gray for Pipa. Referee—Gillender, Pennsylvania.

SCORE BY PERIODS

Dickinson.....	0	7	0	0—7
Haverford.....	7	0	0	0—7

## Haverford, 0; Swarthmore, 44

November 22, 1919

Haverford		Swarthmore
Knowlton.....	l. e.....	Clancy
Carey.....	l. t.....	Larkin
Toogood.....	l. g.....	Valentine
Howland.....	c.....	Cornell
Pierce.....	r. g.....	Conahey
Caskey.....	r. t.....	McGinley
Miller.....	r. e.....	Ogden
Kearney.....	q. b.....	Geiges
Crosman (Capt.).....	l. h. b.....	White
MacIntosh.....	r. h. b.....	Stow
Brown.....	f. b.....	Carter

Touchdowns—Geiges (3), Yarnall (2), Earp. Goal from touch-down—Carter, Yarnall (4). Field goal—Larkin. Substitutions for Haverford—Jones for Carey, Paxson for Pierce, Sangree for Miller, Bacon for Brown, Hilleman for Paxson, Walton for Knowlton, Hauff for Hilleman, Sargent for Kearney. Substitutions for Swarthmore—Yarnall for Carter, Asplundh for White, Earp for Geiges.

## SCORE BY PERIODS

Swarthmore.....	10	0	20	14—44
Haverford.....	0	0	0	0—0

## Soccer Department

*Manager*

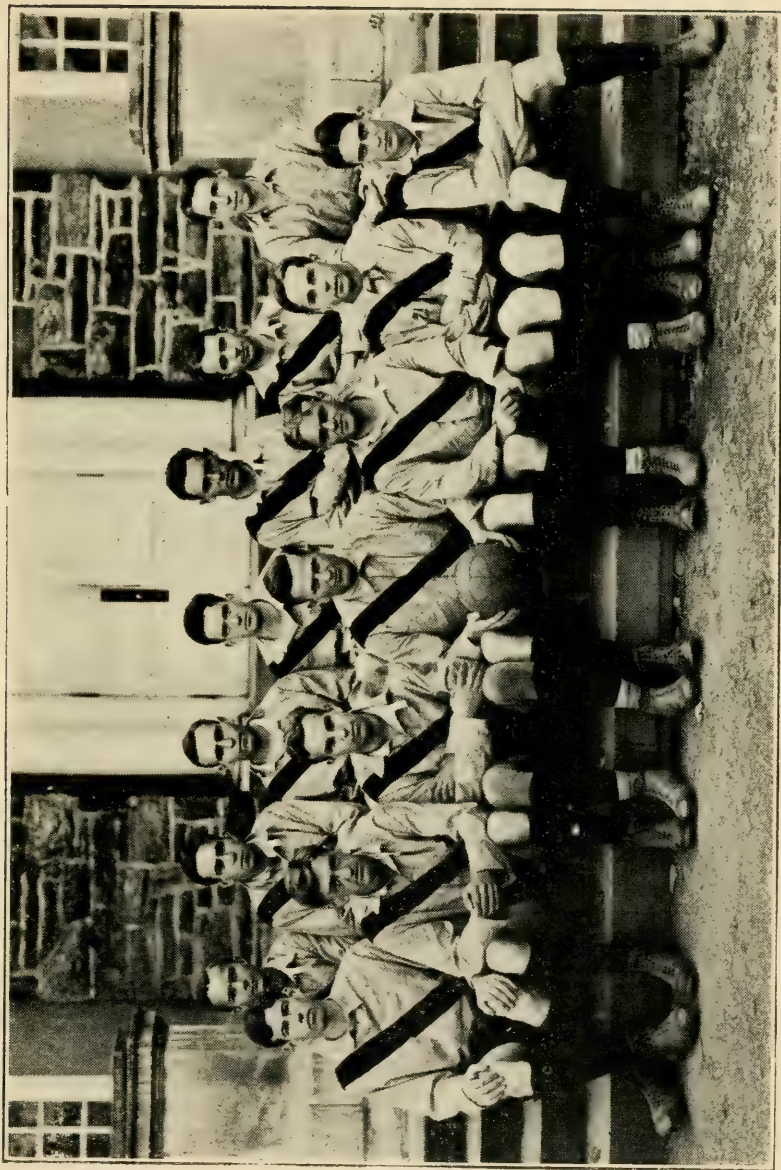
HENRY M. HALLETT, 2D, '20

*Assistant Managers*JERVIS J. BABB, '21 (*Manager-elect*) PAUL CASKEY, '21*Coach*

GEORGE YOUNG

*Captain*

CHESTER A. OSLER, '20



Haverford College Soccer Team, 1919-20



Wearers of the Soccer H

OSLER, '20 ( <i>Captain</i> )	MUENCH, '22
HALLETT, '20 ( <i>Manager</i> )	COLLINS, '20
HENDERSON, '21	

1919-20 Intercollegiate Schedule, with Scores

Nov. 27.	At Haverford.	Cornell, 0;	Haverford, 0.
28.	At New Haven.	Yale, 0;	Haverford, 2.
29.	At Cambridge.	Harvard, 1;	Haverford, 0.
Dec. 6.	At Philadelphia.	Penn, 3;	Haverford, 0.
13.	At Haverford.	Princeton, 2;	Haverford, 0.
	Opponents, 6;	Haverford, 2.	

Varsity Soccer Scores, 1919-20

		H.	Opp.
Oct. 4.	Bristol Ship Yard . . . . .	0	2
11.	Germantown C. C. . . . .	1	0
18.	Merion C. C. . . . .	0	1
25.	Moorestown F. C. . . . .	2	0
Nov. 1.	Philadelphia C. C. . . . .	0	1
12.	Penn 2d. . . . .	2	0
15.	Germantown. . . . .	2	0
27.	Cornell. . . . .	0	0
28.	Yale. . . . .	2	0
29.	Harvard. . . . .	0	1
Dec. 6.	Penn. . . . .	0	3
10.	Penn 2d. . . . .	4	0
13.	Princeton. . . . .	0	2
Jan. 10.	Philadelphia C. C. . . . .	1	0
Mar. 27.	Merion. . . . .	1	2

2d Team Scores, 1919-20		H.	Opp.
Oct. 18.	Merion C. C. 2d.....	0	3
25.	Merion C. C. 2d.....	1	3
Nov. 1.	Philadelphia C. C. 2d.....	2	2
8.	Penn 2d..... (forfeit)	1	0
20.	Penn 2d.....	2	3
29.	Lehigh.....	0	3
Dec. 13.	Swarthmore.....	1	7

### Haverford College Varsity Soccer Team, 1919-20

McDANIEL.....	Outside left
LEUBA.....	Inside left
HALLETT.....	Center
McKINLEY.....	Inside right
JONES.....	Outside right
UFFORD.....	Left halfback
MUENCH.....	Center halfback
WOOD (Captain-elect).....	Right halfback
HENDERSON.....	Left fullback
MOORE.....	Right fullback
OSLER (Captain).....	Goal

### Haverford vs. Cornell

November 27, 1919

Haverford, 0; Cornell, 0

Cornell		Haverford
Brady.....	.g.	Osler
Andrews.....	r. f. b.	Moore
Florishen.....	l. f. b.	Henderson
Rechnagel.....	r. h. b.	Wood
Hassan.....	c. h. b.	Muench
Rosseau.....	l. h. b.	Ufford
Cillonez.....	.o. r.	Jones
Tang.....	i. r.	McKinley
Elli.....	.c.	Hallett
Blanch.....	i. l.	Smith
Lin.....	.o. l.	McDaniel

Substitutions—Leuba for Smith, Fritz for Blanch. Referee—J. Welder. Linesmen—Bucknell and West. Time of halves—45 minutes. Two extra periods of 5 minutes each.



**Haverford vs. Pennsylvania**  
 December 6, 1919  
**Pennsylvania, 3; Haverford, 0**

Pennsylvania	Haverford
Harrison.....g.....	Osler
Darrow.....r. f. b.....	Henderson
Cooper.....l. f. b.....	Moore
Robb.....r. h. b.....	Wood
Binns.....c. h. b.....	Muench
Thompson.....l. h. b.....	Ufford
Bingham.....o. r.....	Jones
Spencer.....i. r.....	McKinley
Nassau.....c.....	Hallett
Pennell.....i. l.....	Leuba
Dowlin.....o. l.....	Janney

Goals—Spencer, 2; Nassau. Substitutions—Collins for Moore, Patton for Cooper. Referee—J. Walder. Linesmen—Bucknell and Conover. Time of halves—45 minutes.

**Haverford vs. Princeton**  
 December 13, 1919  
**Princeton, 2; Haverford, 0**

Princeton	Haverford
Zabriskie.....g.....	Osler
Keyes.....r. f. b.....	Collins
Wells.....l. f. b.....	Henderson
Hunt.....r. h. b.....	Wood
Miller.....c. h. b.....	Muench
Wood.....l. h. b.....	Ufford
Trowbridge.....o. r.....	Jones
Green.....i. r.....	McKinley
Fawcett.....c.....	Hallett
Savage.....i. l.....	Leuba
West.....o. l.....	Janney

Goals—Green, West. Referee—J. Wilder. Linesmen—Garnos and Dr. Bishop. Time of halves—45 and 35 minutes.

## Gymnastic Department

### Manager

S. C. VAN SICKLE, '20

### Assistant Managers

P. H. CASKEY, '21 (*Manager-elect*) B. H. WILBUR, '21

### Captain

A. D. KNOWLTON

### Coach

MR. A. EVANS

### Wearers of the Gymnastic H

H. W. ARROWSMITH, '21 (*Captain-elect*)

J. S. LONG, '21

### Wearers of the Gymnastic Insignia (H. G. T.)

A. D. KNOWLTON, '20 (*Captain*)

O. P. TATUM, '20

N. S. ARROWSMITH, '22

M. C. MCKINLEY, '21

W. B. HEILMAN

### 1920 Schedule, with Scores

Jan. 24.	At Princeton.	Princeton, 29;	Haverford, 25.
Feb. 20.	At New Haven.	Yale, 24;	Haverford, 30.
	27.	At Haverford.	Annual Interscholastic Meet.
	28.	At Haverford.	U. of P., 33; Haverford, 20.
Mar. 6.	At Annapolis.	Navy, 49;	Haverford, 15.
	10.	At Haverford, Gymnastic Exhibition, Philadelphia Turn- gemeinde and Haverford.	
	26.	At Haverford, Intercollegiate Gymnastic Meet.	
Harvard.....	0	Navy.....	25½
Yale.....	11	M. I. T.....	3
Pennsylvania.....	13½	Haverford.....	4
Princeton.....	6	Dartmouth.....	0



Haverford College Gymnasium Team, 1919-20



## Individual Scores

	Firsts	Seconds	Thirds	Total Points
A. D. Knowlton.....	1	3	0	14
O. P. Tatum.....	0	1	0	3
H. W. Arrowsmith.....	2	0	2	12
J. S. Long.....	2	4	4	25½
M. C. McKinley.....	1	0	1	5½
N. S. Arrowsmith.....	1	4	2	19
W. B. Heilman.....	2	0	1	13
W. S. Hastings.....	0	0	2	2

## Haverford vs. Yale

February 20, 1920

Haverford, 30; Yale, 24

HORIZONTAL BAR—First, Winter, Yale; second, Pohju, Yale; third, Potter, Yale.

SIDE HORSE—First, H. W. Arrowsmith, Haverford; second, N. S. Arrowsmith, Haverford; third, Van der Venter, Yale.

PARALLEL BARS—First, Long, Haverford; second, Potter, Yale; third, H. W. Arrowsmith, Haverford.

CLUBS—First, Heilman, Haverford; second, Cleveland, Yale; third, Warren, Yale.

RINGS—First, Potter, Yale; second, N. S. Arrowsmith, Haverford; third, Kellog, Yale.

TUMBLING—First, Knowlton, Haverford; second, Long, Haverford; third, Williams, Yale.

## Haverford vs. Pennsylvania

February 23, 1920

Haverford, 20; U. of P., 33

HORIZONTAL BAR—First, Cooper, Pennsylvania; second, Long, Haverford; third, Atlee, Pennsylvania.

SIDE HORSE—First, H. W. Arrowsmith, Haverford; second, Knight, Pennsylvania; third, Wilson, Pennsylvania.

PARALLEL BARS—First, Cooper, Pennsylvania; second, Atlee, Pennsylvania; third, Long, Haverford.

FLYING RINGS—First, Cooper, Pennsylvania; second, N. S. Arrowsmith, Haverford; third, Long, Haverford.

CLUB SWINGING—First, Gilmore, Pennsylvania; second, Heilman, Haverford; third, Hastings, Haverford.

TUMBLING—First, Woodward, Pennsylvania; second, Knowlton, Haverford; third, Long, Haverford.

Judges—Chadwick, Noble and Bishop.

**Haverford vs. Navy**  
**At Annapolis, March 6, 1920**  
**Haverford, 15; Navy, 49**

HORIZONTAL BAR—First, Fletcher, Navy; second, Long, Haverford; third, Cory, Navy.

SIDE HORSE—First, Strang, Navy; second, Barrett, Navy; third, N. S. Arrowsmith, Haverford.

PARALLEL BARS—First, Pierson, Navy; second, Danis, Navy; third, Jones, Navy.

CLUB SWINGING—First, Heilman, Haverford; second, Strang, Navy; third, Hastings, Haverford.

RINGS—First, Nold, Captain, Navy; second, Hales, Navy; third, N. S. Arrowsmith, Haverford.

TUMBLING—First, Rucker, Navy; second, Knowlton, Captain, Haverford; third, tie, Halley and Harrison, Navy.

Judges—Chadwick, Lorette, Piker.

**Intercollegiate Gymnastic Meet**

**At Haverford, March 26, 1920**

HORIZONTAL BAR—First, Cooper, Pennsylvania, 48.6; second, Fletcher, Navy, 47.7; third, Cory, Navy, 45.2.

CLUB SWINGING—First, Townley, Princeton, 16.5; second, Gilmore, Pennsylvania, 15.5; third, C. R. Miller, Princeton, 15.1.

SIDE HORSE—First, Barrett, Navy, 53.2; second, Strang, Navy, 50.3; third, H. W. Arrowsmith, Haverford, 47.1.

PARALLEL BARS—First, Pearson, Navy, 50.8; second, McKinstry, M. I. T., 48.7; third, tie, Atlee, Pennsylvania, and Jones, Navy, 47.4.

FLYING RINGS—First, Hales, Navy, 51.0; second, Potter, Yale, 49.2; third, Nold, Navy, 45.6.

TUMBLING—First, Woodward, Pennsylvania, 48.9; second, Potter, Yale, 47.6; third, Comp, Navy, 45.3.

ALL-AROUND CHAMPIONSHIP—First, Potter, Yale, 207.7; second, Long, Haverford, 187.9; third, Hales, Navy, 185.7.

Judges—Dr. C. E. Ehinger, Mr. Fred, Metz, Dr. M. C. O'Brien, Dr. W. B. Noble, Mr. Reith, Mr. Philip G. Lewis, Dr. R. L. Ikas, Dr. F. A. Woll, Dr. C. W. Mayser, Dr. C. B. Lewis, Dr. H. C. Swan, Dr. H. L. Chadwick, Dr. Philip Bishop, Dr. LeRoy Prentus.

The team totals were as follows: Navy, 25.5; Pennsylvania, 13.5; Yale, 11; Princeton, 6; Haverford, 4; M. I. T., 3; Harvard, 0; Dartmouth, 0.

### Seventeenth Annual Interscholastic Meet Haverford College Gymnasium, February 27, 1920

HORIZONTAL BARS—First, McGuire, Newark; second, Kalesch, Newark; third, Maverick, Haverford.

HIGH JUMP—First, Faucett, Episcopal; second, Steele, Lawrenceville; third, Harding, Lawrenceville. Height, 5 ft. 5 in.

CLUB SWINGING—First, Ten Eyck, Newark; second, Kalesch, Newark; third, Ewing, Haverford.

SIDE HORSE—First, Mead, Newark; second, Fritzsche, Newark; third, Odell, Newark.

PARALLEL BARS—First, McGuire, Newark; second, Freeman, Newark; third, Smith, Haverford.

FLYING RINGS—First, Cresson, Haverford; second, Maverick, Haverford; third, McGuire, Newark.

200-YARD DASH—First, Morehouse, Lawrenceville; second, Leh, Lawrenceville; third, Littell, Lawrenceville. Time, 22½ sec.

JUNIOR RELAYS—First, Haverford (Benedict, Shock, Summerlin, Ewing); second, Episcopal (Hodge, Long, Cox, Wagenknight); third, Germantown Friends (Bales, Barnes, Kell, West). Time, 1 min. 42 sec.

TUMBLING—First, Parsonnet, Newark; second, Ewing, Haverford; third, Watts, Lawrenceville.

ROPE CLIMB—First, tie, Morehouse, Lawrenceville, and Cardeza, Episcopal; third, Cresson, Haverford.

20-YARD DASH—First, Faucett, Episcopal; second, Moyer, Penn Charter; third, Chambley, Haverford.

Starter—Roy Mercer, Swarthmore; Field Judge—Dr. M. S. Bennett, Haverford. Timekeepers—Frederick Palmer, Dr. Edward Snyder, Dr. A. H. Wilson, L. H. Rittenhouse, John Scull.

Judges—Dr. James A. Babbitt, Chairman; Dr. H. L. Chadwick, Dr. Horace H. Jenks, Francis P. Sharpless, Walter Palmer, C. Christopher Morris, Thomas McConnell, 3d, Dr. W. B. Noble, H. Norman Thorne, E. Brooks Keffer, Arlington Evans, A. W. Bull, Elmer H. Thorpe, Dr. Legh W. Reid.

The team totals were as follows: Newark Academy, 36; Haverford School, 24; Lawrenceville School, 18; Episcopal Academy, 17; Penn Charter School, 3; Germantown Friends' School, 1.

## Basketball Department

### *Manager*

THOMAS H. KEARNEY

### *Assistant Manager*

G. A. HILLEMANN

### *Captain*

R. W. BURRITT, '20

### *Coaches*

DR. BENNETT, L. DAVIS

### Members of Team

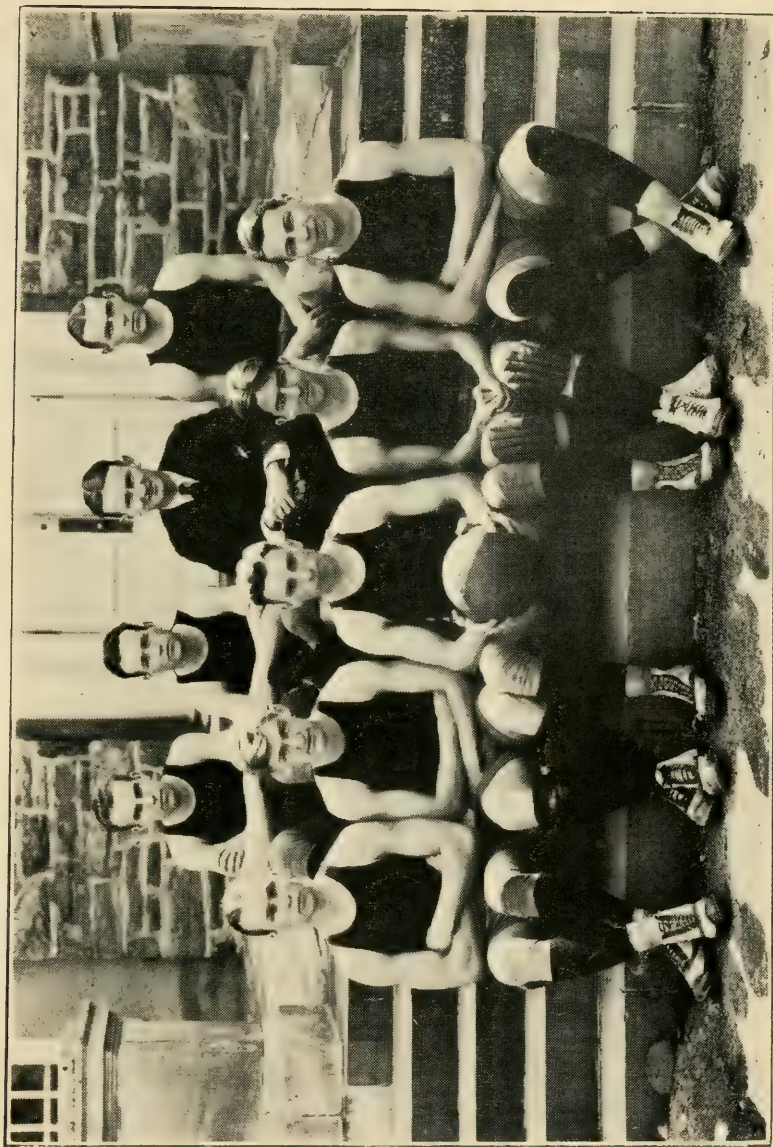
BURRITT (Captain).....	Forward
R. MATZKE.....	Forward
K. B. WALTON.....	Center
H. C. HENDERSON.....	Guard
G. D. FISHER.....	Guard

*Substitutes*—J. S. WILLIAMS, E. B. HEILMAN

### Schedule of Games

Date		H.	Score	
			Opp.	
Jan.	1. Haverford vs. Muhlenberg (away).....	16	24	
	16. Haverford vs. Osteopathy (home).....	35	21	
	22. Haverford vs. Johns Hopkins (away).....	12	39	
	31. Haverford vs. Delaware (home).....	22	29	
Feb.	7. Haverford vs. P. M. C. (away).....	21	24	
	13. Haverford vs. Muhlenberg (home).....	23	14	
	19. Haverford vs. F. and M. (home).....	20	22	
	28. Haverford vs. Stevens (away).....	9	27	
Mar.	3. Haverford vs. Swarthmore (home).....	18	24	





Haverford College Basketball Team, 1919-20



**Haverford, 20; Franklin and Marshall, 22**

February 9, 1920

**Haverford****F. and M.**

Fisher.....	forward.....	Mountz
Williams.....	forward.....	Garvey (Capt.)
Walton.....	center.....	Madison
Muench.....	guard.....	Hillagass
Henderson.....	guard.....	Hoover

Field goals—Garvey, 5; Mountz, 2; Fisher, 3; Walton, 2; Williams, Muench, Henderson. Goals from fouls—Garvey, 7 out of 13; Fisher, 4 out of 12. Referee—Eccles (W. and J.) Timekeeper—Cruxal. Time of halves, 20 minutes, with 5 minutes extra period.

**Haverford, 9; Stevens, 27**

At Hoboken, February 28, 1920

**Haverford****Stevens**

Fisher.....	forward.....	Bettman
Williams.....	forward.....	Kurtz
Walton.....	center.....	Oetting
Muench.....	guard.....	Egger
Henderson.....	guard.....	Roth

Field goals—Williams, 1; Kurtz, 5; Egger, 4; Daly, Brune. Foul goals—Fisher, 7 out of 15; Kurtz, 4 out of 6; Daly, 1 out of 1. Substitutions—Heilman for Muench, Guthrie for Williams; Daly for Bettman, Brune for Roth, Tinney for Oetting, Donnelly for Kurtz, Gotley for Brune. Time of halves—20 minutes. Referee—Brunn.

**Haverford, 18; Swarthmore, 24**

March 3, 1920

**Haverford****Swarthmore**

Williams.....	forward.....	Yoder (Capt.)
Heilman.....	forward.....	Place
Walton.....	center.....	Stow
Fisher.....	guard.....	Larkin
Henderson.....	guard.....	Yarnall

Field goals—Williams, 2; Walton, 2; Heilman, Place, 4; Larkin, 2; Stow, Yarnall, Clancy. Foul goals—Heilman, 8 out of 11; Yoder, 6 out of 9. Substitutions—Muench for Fisher, Benjamin for Yoder, Clancy for Yarnall. Time of halves—20 minutes. Referee—Cartwright, Cornell. Umpire—Sutton, Columbia.

## Cricket Department, 1919

### Manager

F. S. SILVER, '20

### Assistant Managers

G. E. TOOGOOD, '20 (*Manager-elect*) F. T. GUCKER, '20

### Captain

E. A. G. PORTER, '19

### Coach

CHARLES BRAITHWAITE

### Cricket Team

E. A. G. PORTER, '19 ( <i>Captain</i> )	S. N. EWAN, '21
J. M. CROSMAN, '19 ( <i>Capt.-elect</i> )	J. E. ROGERS, '21
E. H. THORPE, '19	A. M. ABELE, '21
P. S. THORNTON, '19	A. NICHOLSON, '21
G. E. TOOGOOD, '20	A. M. CAREY, '22
T. H. KEARNEY, '20	

## CANADIAN TOUR

Haverford, 107; Ridley College, 181

St. Catherines, Ont., June 16, 1919

### Haverford

Porter, b. O'Brien.....	18
Crosman, b. Woodruff.....	10
Rogers, b. Sommerville.....	3
Thornton, ht. wkt., b. Sommerville.....	5
Toogood, b. Sommerville.....	5
Kearney, b. Woodruff.....	11
Carey, b. Woodruff.....	6
Thorpe, c. O'Brian, b. Sommerville.....	1
Abele, b. O'Brian.....	17
Nicholson, b. Sommerville.....	24
Ewan, not out.....	7
Total runs.....	107

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Woodruff.....	78	0	44	3	14.6
Sommerville.....	73	3	16	5	3.2
O'Brian.....	42	0	28	2	14.0
Saunders.....	30	0	16	0	....
MacMahon.....	6	0	5	0	....

## Ridley College

MacMahon, b. Thorpe.....	7
Sommerville, c. Toogood, b. Thorpe.....	1
Harper, c. and b. Thorpe.....	43
Barr, b. Crosman.....	14
Woodruff, c. and b. Crosman.....	0
Williams, b. Crosman.....	12
Glass, c. Nicholson, b. Crosman.....	34
Baird, c. Porter, b. Toogood.....	0
O'Brian, b. Toogood.....	17
Saunders, b. Carey.....	20
Lohnson, not out.....	18
Extras.....	15
<hr/>	
Total runs.....	181

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Thorpe.....	138	5	53	4	13.0
Ewan.....	102	2	38	9	....
Crosman.....	108	2	49	4	12.25
Carey.....	19	0	13	1	13.0
Toogood.....	48	2	10	1	10.0

## Haverford, 57; Toronto C. C., 174

Toronto, Ont., June 18, 1919

## Toronto C. C.

Greene, l. b. w., b. Crosman.....	68
Morrison, c. and b. Thorpe.....	19
Leighton, c. Abele, b. Crosman.....	16
Reid, c. Kearney, b. Ewan.....	2

Gillespie, J. W., b. Ewan.....	0
Heward, c. Kearney, b. Ewan.....	4
Seagram, b. Crosman.....	0
McCullum, b. Crosman.....	1
Gillespie, G. H., c. Nicholson, b. Ewan.....	11
Cassels, c. and b. Crosman.....	20
Heighton, not out.....	5
Extras.....	28
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Total runs.....	174

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Crosman.....	108	2	47	5	9.4
Ewan.....	66	0	47	4	11.75
Thorpe.....	60	0	39	1	39.0
Toogood.....	18	0	16	1	16.0

## Haverford

Porter, b. Seagram.....	0
Crosman, l. b. w., b. Reade.....	7
Rogers, b. Seagram.....	1
Thornton, b. Seagram.....	2
Kearney, c. Gillespie, b. Seagram.....	12
Toogood, b. Seagram.....	0
Nicholson, c. Cassels, b. Reade.....	0
Carey, b. Reade.....	0
Thorpe, b. Seagram.....	2
Abele, not out.....	0
Ewan, b. Reade.....	1
Extras.....	21
<hr/>	
Total runs.....	57

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Reade.....	55	3	21	4	5.25
Seagram.....	54	2	11	6	1.83

**Haverford, 56; Upper Canada College, 81**  
**Toronto, Ont., June 19, 1919**

**Upper Canada College**

Short, c. Toogood, b. Crosman.....	0
Richards, not out.....	37
Deav, c. and b. Ewan.....	11
Swabey, c. Oorter, b. Carey.....	3
Baetty, c. Thorpe, b. Carey.....	2
Cross, c. Rogers, b. Carey.....	4
Grey, b. Crosman.....	1
White, c. Crosman, b. Carey.....	1
Zybach, b. Thorpe.....	13
Philips, c. Porter, b. Ewan.....	0
Winslow, c. Crosman, b. Toogood.....	5
Extras.....	4
Total runs.....	81

**BOWLING ANALYSIS**

	B.	M.	R.	W.	Av.
Crosman.....	60	3	20	2	6.6
Ewan.....	48	2	12	2	6.0
Thorpe.....	66	3	21	1	21.0
Toogood.....	27	1	7	1	7.0
Carey.....	36	0	21	4	5.25

**Haverford**

Porter, l. b. w., b. Zyback.....	6
Crosman, b. Zyback.....	8
Thornton, b. Beatty.....	2
Kearney, b. Beatty.....	11
Abele, c. Dean, b. Grey.....	17
Rogers, l. b. w., b. Beatty.....	0
Nicholson, b. Beatty.....	2
Toogood, l. b. w., b. Beatty.....	0
Thorpe, c. Grey, b. Zyback.....	5

Carey, b. Beatty.....	1
Ewan, not out.....	4
Extras.....	0
	<hr/>
Total runs.....	56

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Beatty.....	96	3	32	6	5.6
Zyback.....	90	7	18	3	6.0
Grey.....	6	0	3	1	3.0

**Haverford, 71; Ottawa C. C., 198**

Ottawa, June 21, 1919

## Ottawa C. C.

Campbell, b. Crosman.....	7
Ramus, c. Thorpe, b. Ewan.....	9
Dugid, not out.....	69
Morris, c. Abele, b. Crosman.....	2
Craig, c. Kearney, b. Thorpe.....	21
Edwards, c. Nicholson, b. Ewan.....	18
Auckland, b. Crosman.....	1
Lewis, c. Kearney, b. Ewan.....	30
Cooling, c. Ewan, b. Toogood.....	21
Hoad, c. Rogers, b. Crosman.....	7
Powell, b. Ewan.....	2
Extras.....	9
	<hr/>
Total runs.....	198

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Crosman.....	133	3	59	4	14.75
Ewan.....	124	4	58	4	14.5
Thorpe.....	48	0	42	1	42.0
Carey.....	36	0	17	0	....
Toogood.....	24	0	11	1	11.0



Haverford

Porter, b. Hoad.....	14
Thorpe, l. b. w., b. Edwards.....	0
Crosman, l. b. w., b. Morris.....	23
Thornton, b. Hoad.....	3
Nicholson, c. Lewis, b. Edwards.....	3
Kearney, b. Edwards.....	0
Abele, l. b. w., b. Hoad.....	10
Rogers, b. Edwards.....	2
Toogood, not out.....	1
Carey, b. Edwards.....	0
Ewan, b. Edwards.....	4
Extras.....	11
	—
Total runs.....	71

BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Morris.....	42	2	15	0	....
Edwards.....	96	4	32	6	5.3
Hoad.....	48	2	13	4	3.25
Campbell.....	16	1	0	0	....

Haverford, 174; McGill C. C., 160

Montreal, June 23, 1919

Haverford

FIRST INNINGS

Porter, b. Burgess.....	0
Abele, run out.....	1
Crosman, b. Mitchell.....	0
Thornton, b. Mitchell.....	1
Kearney, c. Anthony, b. Mitchell.....	0
Rogers, c. Parkinson, b. Baber.....	2
Thorpe, l. b. w., b. Hart.....	0
Nicholson, b. Hart.....	0
Toogood, b. Baber.....	3
Carey, b. Hart.....	6

Ewan, not out.....	1
Extras.....	3
	<hr/>
Total runs.....	17

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Mitchell.....	30	4	1	3	0.3
Burgess.....	24	3	1	1	1.0
Baber.....	14	0	11	2	5.5
Hart.....	10	0	2	3	0.6

## SECOND INNINGS

Porter, b. Hart.....	10
Toogood, b. Hart.....	0
Crosman, not out.....	100
Kearney, b. Hart.....	0
Rogers, c. Moise, b. Freck.....	12
Thornton, c. Hart, b. Freck.....	0
Abele, b. Freck.....	0
Thorpe, b. Anthony.....	2
Nicholson, b. Mitchell.....	9
Carey, not out (innings declared).....	10
Ewan, did not bat.	
Extras.....	31
	<hr/>
Total runs.....	160
Total (both innings).....	174

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Hart.....	48	0	30	3	10.0
Baber.....	48	1	26	0	.....
Freck.....	64	0	21	3	7.0
Burgess.....	54	0	24	0	.....
Anthony.....	36	1	18	1	18.0

## McGill C. C.

## FIRST INNINGS

Watkins, c. Nicholson, b. Crosman.....	1
McDougall, c. Kearney, b. Crosman.....	0
Anthony, b. Crosman.....	26
Baber, b. Ewan.....	15
Moise, c. Kearney, b. Crosman.....	0
Frekc, c. Crosman, b. Thorpe.....	22
Parkinson, c. Carey, b. Crosman.....	0
Hart, c. and b. Thorpe.....	2
Branch, b. Crosman.....	12
Burgess, not out.....	5
Mitchell, c. Crosman, b. Thorpe.....	3
	—
Total runs.....	85

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Thorpe.....	36	0	20	3	6.6
Crosman.....	72	2	33	6	5.4
Ewan.....	36	0	32	1	32.0

## SECOND INNINGS

Anthony, b. Thorpe.....	2
Freck, b. Toogood.....	0
Baber, c. Crosman, b. Toogood.....	15
Burgess, c. Kearney, b. Ewan.....	10
Parkinson, b. Thorpe.....	14
Branch, c. Thorpe, b. Ewan.....	10
Hart, c. and b. Crosman.....	12
Moise, b. Ewan.....	1
Mitchell, b. Ewan.....	6
Watkins, c. Carey, b. Crosman.....	2
McDougall not out.....	0
Extras.....	3
	—
Total runs.....	75
Total (both innings).....	160

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Thorpe.....	42	1	33	2	16.5
Toogood.....	12	0	17	2	8.5
Ewan.....	42	1	21	4	5.2
Crosman.....	13	1	3	2	1.5

## Haverford, 117; Staten Island, C. C., 157

Staten Island, June 23, 1919

## Staten Island C. C.

Smith, run out.....	4
Belgrave, c. Rogers, b. Crosman.....	33
Walker, R., c. Porter, b. Ewan.....	15
Durrant, c. Toogood, b. Ewan.....	0
Walker, A. B., c. Thorpe, b. Ewan.....	0
Ogilry, run out.....	7
Kelley, not out.....	42
Ireland, b. Thorpe.....	7
Raeburn, b. Ewan.....	10
Rourke, c. Abele, b. Crosman.....	28
Rushton, b. Ewan.....	0
Extras.....	11
Total runs.....	157

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Ewan.....	192	2	40	5	8.0
Crosman.....	90	0	84	2	42.0
Thorpe.....	24	0	18	1	18.0
Toogood.....	6	0	4	0	....

## Haverford

Porter, c. Kelley, b. Rushton.....	10
Crosman, run out.....	13
Toogood, b. Kelley.....	19
Kearney, b. Ireland.....	24

Haverford College

43

Rogers, b. Ireland.....	12
Thornton, c. Oglivy, b. Ireland.....	13
Abele, c. Raeburn, b. Kelley.....	5
Thorpe, c. Raeburn, b. Ireland.....	0
Silver, b. Ireland.....	11
Carey, not out.....	0
Ewan, b. Ireland.....	0
Extras.....	10
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Total runs.....	117

BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Rushton.....	42	3	10	1	10.0
Raeburn.....	63	1	38	0	.....
Ireland.....	65	0	36	6	6.0
Kelley.....	60	2	33	3	16.0

Bowling Analysis for Canadian Tour

	B.	M.	R.	W.	Av.
Ewan.....	508	11	238	18	11.4
Crosman.....	597	13	295	18	12.29
Toogood.....	135	4	65	5	13.0
Thorpe.....	414	9	226	13	17.9
Carey.....	81	0	51	5	10.2

Cricket Department, 1920

Manager

G. E. TOOGOOD, '20

Assistant Managers

S. N. EWAN, '21

A. M. ABELE, '21

Captain

A. D. OLIVER, '20

Coach

CHARLES BRAITHWAITE

## Cricket Team

A. D. OLIVER, '20 ( <i>Captain</i> )	B. COLLINS, '20
G. E. TOOGOOD, '20	S. N. EWAN, '21
C. A. OSLER, '20	A. M. ABELE, '21
H. M. HALLETT, '20	J. J. BABB, '21
G. T. HOAG, '20	J. E. ROGERS, '21
T. H. KEARNEY, '20	T. M. LOGAN, '23

## Haverford, 52; Manheim C. C., 90

May 1, 1920

## Haverford

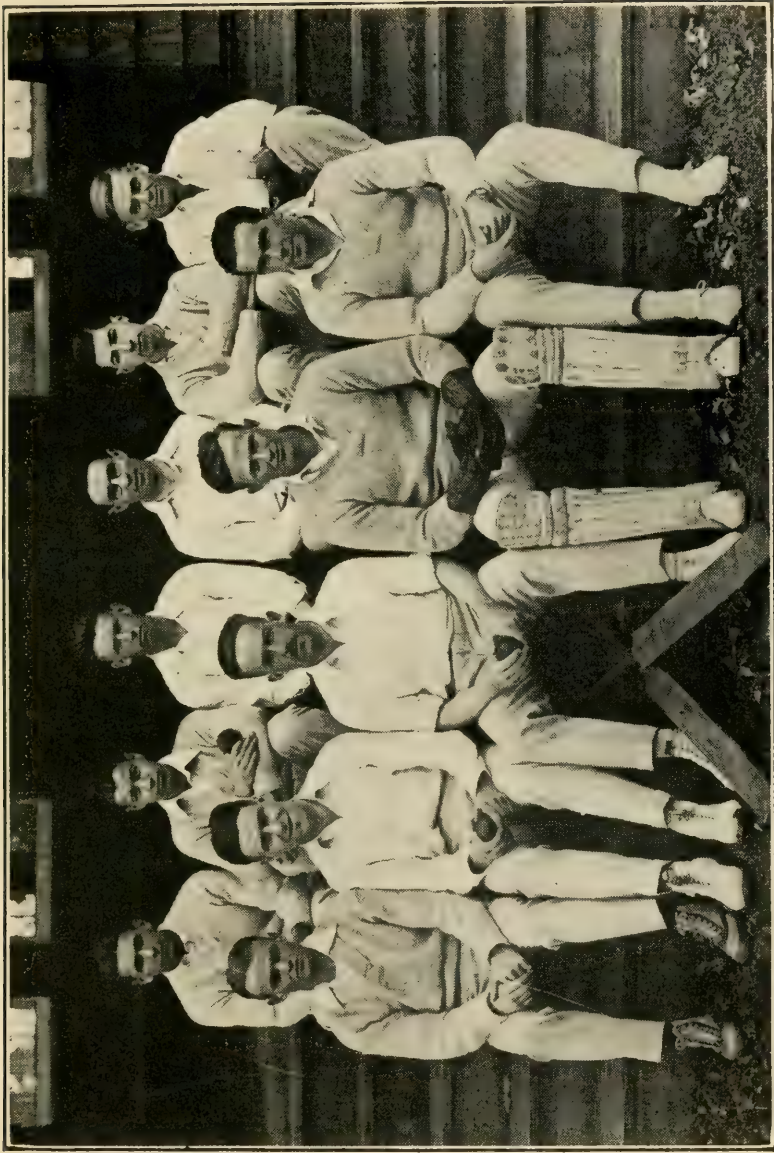
Osler, run out.....	6
Rogers, c. Clothier, b. O'Neal.....	2
Hoag, c. Coffin, b. O'Neal.....	8
Toogood, run out.....	0
Abele, b. O'Neal.....	0
Hallett, not out.....	13
Babb, c. Newhall, b. O'Neal.....	0
Collins, b. O'Neal.....	0
Logan, b. O'Neal.....	14
Ewan, b. Clothier.....	3
Extras.....	6
Total runs.....	52

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Green.....	18	0	4	0	....
Clothier.....	36	3	12	2	6.0
O'Neal.....	42	1	17	6	2.66
Newhall.....	18	1	5	1	5.0
Ziegler.....	18	2	6	0	....
Maxwell.....	18	0	9	0	....

## Manheim C. C.

R. R. Coffin, retired.....	28
L. Dixon, run out.....	0
W. P. O'Neal, c. Hoag, b. Ewan.....	2
W. R. Clothier, retired.....	25



Haverford College Cricket Team, 1919-20





L. Ziegler, c. Hallett, b. Ewan.....	9
W. P. Newhall, c. Babb, b. Toogood.....	7
A. R. Seyton, b. Toogood.....	1
H. S. Harned, not out.....	2
H. Z. Maxwell, b. Ewan.....	10
N. A. Green, c. Hallett, b. Logan.....	3
Extras.....	5
<hr/>	
Total runs.....	90

BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Toogood.....	66	2	31	2	15.5
Ewan.....	84	4	44	3	14.6
Logan.....	33	1	12	1	12.0

Haverford, 54; Incognito, 2d, 61

May 15, 1920

Haverford

Osler, b. Clothier.....	0
Abele, run out.....	8
Toogood, c. Morrison, b. Clothier.....	0
Rogers, b. Clothier.....	2
Logan, c. Ellison, b. Ellison.....	28
Hallett, c. Ellison, b. Clothier.....	0
Kearney, b. Wooley.....	0
Hoag, c. Ellison, b. Wooley.....	0
Babb, c. Ellison, b. Norris.....	0
Collins, run out.....	1
Ewan, not out.....	4
Extras.....	11
<hr/>	
Total runs.....	54

BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Clothier.....	40	3	8	4	2.0
Wooley.....	30	0	11	2	5.5
Norris.....	20	0	19	1	19.0
Robinson.....	10	0	4	0	....
Ellison.....	5	0	0	1	0.0

## Incognito

A. L. Gillespie, c. Babb, b. Logan.....	7
B. S. Robinson, c. Logan, b. Ewan.....	1
W. Morris, c. Hoag, b. Ewan.....	5
W. R. Clothier, b. Logan.....	1
C. G. Wooley, c. Hallett, b. Logan.....	14
J. S. Ellison, b. Logan.....	0
S. J. Robinson, b. Ewan.....	4
W. Morrison, run out.....	0
J. Morrison, not out.....	15
C. Herbton, stumped, b. Ewan.....	6
Extras.....	8
<hr/>	
Total runs.....	61

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Logan.....	50	0	39	4	7.25
Ewan.....	39	0	18	4	4.5
Toogood.....	10	0	6	0	....

## Haverford, 164; U. of P., 169

May 19, 1920

## Haverford

Rogers, c. Lippincott, b. Glaenzer.....	21
Hoag, b. Glaenzer.....	10
Logan, c. Ferguson, b. Thorpe.....	15
Osler, c. Robb, b. Glaenzer.....	5
Toogood, c. Sterling, b. Glaenzer.....	4
Oliver, c. Robb, b. Glaenzer.....	7
Abele, not out.....	60
Babb, l. b. w., b. Glaenzer.....	5
Ewan, c. Robb, b. Glaenzer.....	2
Muench, c. Thornton, b. Garnett.....	18
Paxson, c. Robb, b. Thorpe.....	7
Extras.....	10
<hr/>	
Total runs.....	164

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Thorpe.....	49	0	39	2	19.5
Glaenger.....	88	1	63	7	8.8
Lippincott.....	32	0	15	0	....
Garnett.....	24	0	24	1	24.0
Thornton.....	8	0	9	0	....

## U. of P.

Thorpe, b. Ewan.....	5
Aris, not out.....	86
Lippincott, c. Muench, b. Oliver.....	2
Glaenger, c. Osler, b. Logan.....	17
Thornton, b. Logan.....	3
Garnett, b. Ewan.....	24
Hulburd, b. Ewan.....	0
Ferguson, not out.....	28
Robb	} did not bat.
Sterling	
Steele	
Extras.....	4
<hr/>	
Total runs.....	169

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Ewan.....	80	1	52	3	18.0
Oliver.....	104	1	49	1	49.0
Logan.....	64	1	40	2	20.0
Toogood.....	48	0	22	0	....

Haverford, 136; Merion C. C., 89

May 22, 1920

## Merion C. C.

Brooking, c. Osler, b. Ewan.....	18
H. Tattersall, b. Oliver.....	0
R. H. Skillern, stumped, b. Ewan.....	6
C. C. Callagan, c. Muench, b. Ewan.....	18

Dr. Benson, b. Ewan.....	7
J. H. Scattergood, c. Kearney, b. Oliver.....	8
J. D. Manuel, c. Silver, b. Ewan.....	12
H. B. Endicott, c. Osler, b. Oliver.....	4
C. T. Hole, not out.....	10
S. J. Gummere, c. Logan, b. Oliver.....	0
C. Thorpe, b. Oliver.....	4
Extras.....	2
<hr/>	
Total runs.....	89

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
Oliver.....	95	0	42	5	8.4
Ewan.....	90	0	44	5	8.8

## Haverford

Abele, c. and b. Gummere.....	6
Babb, c. Scattergood, b. Gummere.....	0
Kearney, b. Gummere.....	14
Toogood, b. Gummere.....	10
Osler, b. Brooking.....	36
Oliver, b. Gummere.....	9
Logan, b. Gummere.....	0
Hallett, c. Manuel, b. Brooking.....	19
Silver, stumped, b. Brooking.....	3
Ewan, not out.....	17
Muench, not out.....	15
Extras.....	7
<hr/>	
Total runs.....	136

## BOWLING ANALYSIS

	B.	M.	R.	W.	Av.
J. S. Gummere.....	70	0	39	6	6.5
Dr. Benson.....	49	0	34	0	...
Tattersall.....	60	1	21	0	...
Hole.....	20	0	13	0	...
Skeller.....	10	0	17	0	...
Brooking.....	30	0	14	2	7.0

**Track Department, 1920***Manager*

J. D. REESE

*Assistant Managers*

T. L. FANSLER

J. MAC G. BAKER

*Captain*

F. S. SILVER

*Coach*

DR. J. J. KEOGH

**Awards for Track H**

J. A. HISEY, '20 (Ex-Captain)

PAUL CASKEY, '21

F. S. SILVER, '20 (Captain)

ALAN HASTINGS, '21

A. D. KNOWLTON, '20

HAROLD GRIGG, '22

**Numerals**

J. S. WILLIAMS, '20

A. E. ROGERS, '21

J. E. SUTTON, '20

ARCHIBALD MACINTOSH, '21

F. E. MORRIS, '20

H. C. HENDERSON, '21

R. R. WOOD, '20

E. C. HAINES, '21

**Track Schedule**

1919.

Oct. 20. Sophomores vs. Freshmen. 1923, 63½; 1922, 35½.

1920.

May 1. Penn Relays. Haverford fifth place.

7. Swarthmore, at Swarthmore.

11. Delaware, at Haverford.

15. Middle States, at Rutgers University, New Brunswick,  
N. J.

21. New York University, at Haverford.

26. Muhlenberg, at Haverford.

29. Intercollegiates.

**Interclass Track Meet**

April 21, 22, 1920

Sophomores . . . . .	42 <sup>5</sup> / <sub>16</sub>
Juniors . . . . .	33½
Seniors . . . . .	32
Freshmen . . . . .	17½

1-MILE RUN—First, Walton, '22; second, Hastings, '21; third, Bigelow, '21. Time, 5 min. 3 sec.

100-YARD DASH—First, Hilleman, '22; second, Silver, '20; third, Bacon, '23. Time, 11 sec.

BROAD JUMP—First, Williams, '20; second, Phillips, '20; third, Bacon, '23. Distance, 19 ft.

440-YARD DASH—First, Bacon, '23; second, Allen, '23; third, Leeds, '23. Time, 56½ sec.

HIGH HURDLES—First, Phillips, '20; second, MacIntosh, '21; third, Heilman, '21. Time, 18½ sec.

DISCUS—First, Zook, '21; second, Emigh, '22; third, Hoag, '20. Distance, 90 ft. 10½ in.

SHOT PUT—First, Emigh, '22; second, Zook, '21; third, Hoag, '20. Distance, 32 ft. 5 in.

220-YARD DASH—First, MacIntosh, '21; second, Hilleman, '22; third, Kearney, '20. Time, 24 sec.

880-YARD DASH—First, Hastings, '21; second, Silver, '20; third, Grigg, '22. Time, 2 min. 14 sec.

2-MILE RUN—First, Walton, '22; second, Wood, '20; third, Bigelow, '21. Time, 11 min. 23 sec.

LOW HURDLES—First, Brown, '23; second, Tatum, '20; third, Phillips, '20. Time, 30 sec.

HIGH JUMP—First, Arrowsmith, '21; second, Zerrer, '22; third, Janney, '22; Wilbur, '23. Height, 5 ft. 3 in.

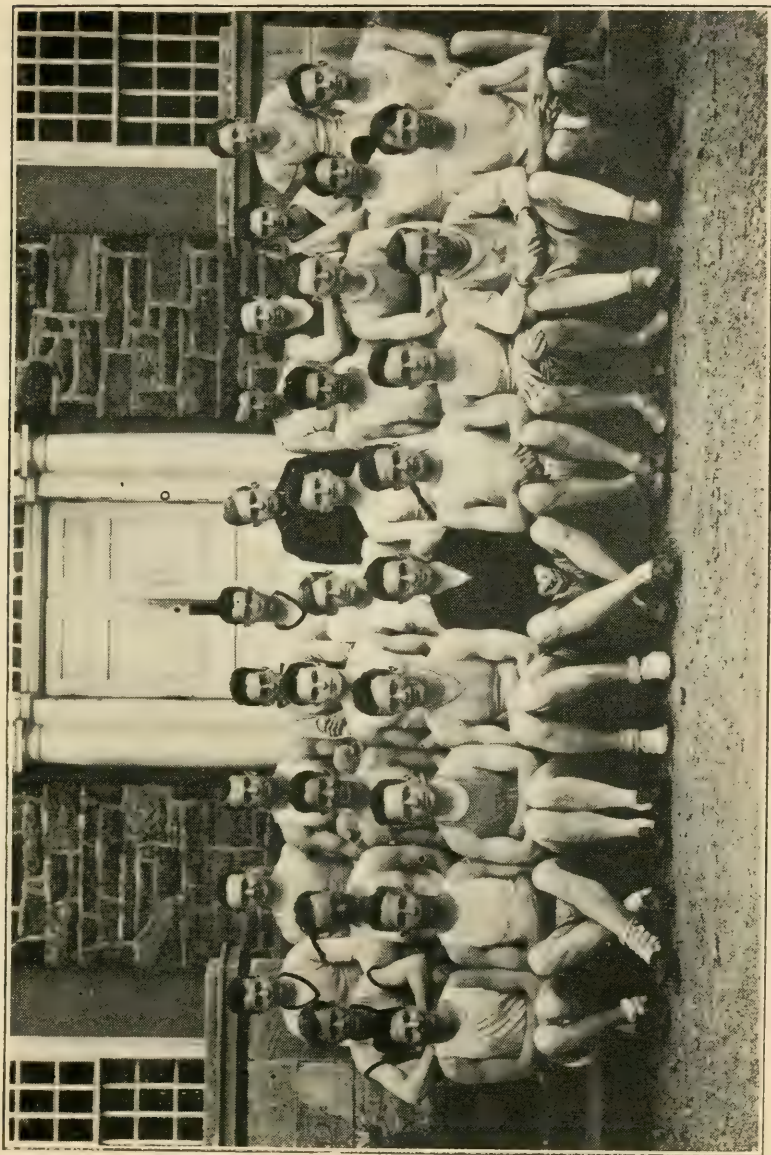
POLE VAULT—First, Miller, '22; second, Matzke, '22; third, Long, '21, Wilbur, '23. Height, 8 ft.

JAVELIN—First, Emigh, '22; second, Kearney, '20; third, Caskey, '21. Distance, 122 ft.

### Haverford, 39; Delaware, 73

May 11, 1920

100-YARD DASH—First, Pitman, Delaware; second, Tebo, Delaware. Time, 10½ sec.



Haverford College Track Team, 1919-20





220-YARD DASH—First, Tebo, Delaware; second, McMullin, Delaware. Time,  $22\frac{3}{5}$  sec.

880-YARD RUN—First, Liley, Delaware; second, Grigg, Haverford. Time, 2 min.  $11\frac{1}{5}$  sec.

1-MILE RUN—First, Harmer, Delaware; second, Walton, Haverford. Time, 4 min.  $46\frac{1}{5}$  sec.

2-MILE RUN—First, Wilson, Delaware; second, Huey, Delaware. Time, 10 min.  $25\frac{2}{5}$  sec.

LOW HURDLES—First, MacIntosh, Haverford; second, Tatum, Haverford. Time, 27 sec.

HIGH HURDLES—First, MacIntosh, Haverford; second, Alexander, Delaware. Time,  $17\frac{1}{5}$  sec.

DISCUS—First, Loose, Delaware; second, Pierce, Haverford. Distance, 118 ft. 5 in.

JAVELIN—First, Silver, Haverford; second, Humphries, Delaware. Distance, 152 ft. 5 in.

POLE VAULT—First, McDonnell, Delaware; second, Knowlton, Haverford. Height, 10 ft. 9 in.

HIGH JUMP—First, Arbuckle, Delaware; second, Henderson, Haverford. Height, 5 ft.  $5\frac{3}{8}$  in.

BROAD JUMP—First, Harmer, Delaware; second, Allen, Haverford. Distance, 20 ft.  $8\frac{1}{2}$  in.

440-YARD RUN—First, Tebo, Delaware; second, Smith, Delaware. Time, 54 sec.

SHOT PUT—First, Loose, Delaware; second, Pierce, Haverford. Distance, 34 ft.  $11\frac{1}{2}$  in. (Pierce's distance was 34 ft. 11 in.)

Haverford high scorer—MacIntosh with 10 points.

High scorer for meet—Tebo, with 13 points.

### Haverford vs. New York University

May 21, 1920

Haverford, 36; New York University, 76

100-YARD DASH—First, Pearlman, New York University; second, Hilleman, Haverford. Time,  $10\frac{2}{5}$  sec.

220-YARD DASH—First, Pearlman, New York University; second, Bacon, Haverford. Time,  $23\frac{4}{5}$  sec.

HIGH HURDLES—First, Boynton, New York University; second, Zuenser, New York University. Time,  $16\frac{2}{5}$  sec.

LOW HURDLES—First, MacIntosh, Haverford; second, Baldwin, New York University. Time,  $26\frac{3}{5}$  sec.

440-YARD DASH—First, Silver, Haverford; second, Bacon, Haverford. Time,  $53\frac{4}{5}$  sec.

880-YARD DASH—First, Grigg, Haverford; second, Test, Haverford. Time, 2 min.  $5\frac{3}{5}$  sec.

1-MILE RUN—First, Lyon, New York University; second, Strayer, Haverford. Time, 4 min. 53 sec.

2-MILE RUN—First, Fraser, New York University; second, Segreto, New York University. Time, 10 min. 24 sec.

SHOT PUT—First, Gurney, New York University; second, Cann, New York University. Distance, 37 ft. 4 in.

DISCUS—First, Cann, New York University; second, Guerney, New York University. Distance, 122 ft. 6 in.

JAVELIN—First, Cann, New York University; second, Silver, Haverford. Distance, 143 ft. 8 in.

POLE VAULT—First, Reese, New York University; second, Henderson, Haverford, Knowlton, Haverford. Height, 10 ft. 3 in.

HIGH JUMP—First, Dorff, New York University; second, Reiffert, New York University. Height, 5 ft. 7 in.

BROAD JUMP—First, Baldwin, New York University; second, Zuenser, New York University. Distance, 20 ft.  $7\frac{1}{2}$  in.

### Haverford vs. Swarthmore

May 7, 1920

Haverford,  $31\frac{1}{2}$ ; Swarthmore,  $80\frac{1}{2}$

100-YARD DASH—Won by Klauder, Swarthmore; second, Spackman, Swarthmore. Time,  $10\frac{4}{5}$  sec.

BROAD JUMP—Won by Haldeman, Swarthmore; second, Earp, Swarthmore. Distance, 19 ft.  $6\frac{3}{8}$  in.

HIGH HURDLES—Won by Kolb, Swarthmore; second, Stow, Swarthmore. Time,  $18\frac{2}{5}$  sec.

JAVELIN THROW—Won by Silver, Haverford (Record); Second, Asplundh, Swarthmore. Distance, 154 ft.

1-MILE RUN—Won by Fetter, Swarthmore; second, Shaw, Swarthmore. Time, 4 min.  $43\frac{3}{5}$  sec.

HIGH JUMP—Won by Hampson, Swarthmore; second, Kolb, Swarthmore. Height, 5 ft.  $8\frac{5}{8}$  in.

440-YARD DASH—Won by Spackman, Swarthmore; second, Silver, Haverford. Time,  $52\frac{2}{5}$  sec.

POLE VAULT—Tie between Knowlton, Haverford, and Kemp, Swarthmore. Height, 11 ft.

LOW HURDLES—Won by MacIntosh, Haverford; second, tie between Tatum, Haverford, and Stow, Swarthmore. Time,  $27\frac{4}{5}$  sec.

2-MILE RUN—Won by E. Smith, Swarthmore; second, A. Hastings, Haverford. Time, 10 min.  $31\frac{4}{5}$  sec.

SHOT PUT—Won by Hoot, Swarthmore; second, Earp, Swarthmore. Distance, 36 ft.  $7\frac{1}{4}$  in.

880-YARD RUN—Won by Test, Haverford; second, Stabler, Swarthmore. Time, 2 min. 9 sec.

DISCUS THROW—Won by Pierce, Haverford; second, Hoot, Swarthmore. Distance, 111 ft. 9 in.

220-YARD DASH—Won by Spackman, Swarthmore; second, Haldeman, Swarthmore. Time,  $23\frac{3}{5}$  sec.

**Haverford vs. Muhlenberg**  
May 26, 1920  
**Haverford, 36; Muhlenberg, 76**

## Baseball, 1919-20

### Manager

J. S. WILLIAMS, '20

### Assistant Managers

J. S. LONG, '21

W. S. TAYLOR, '21

### Captain

R. W. BURRITT, '20

### Coach

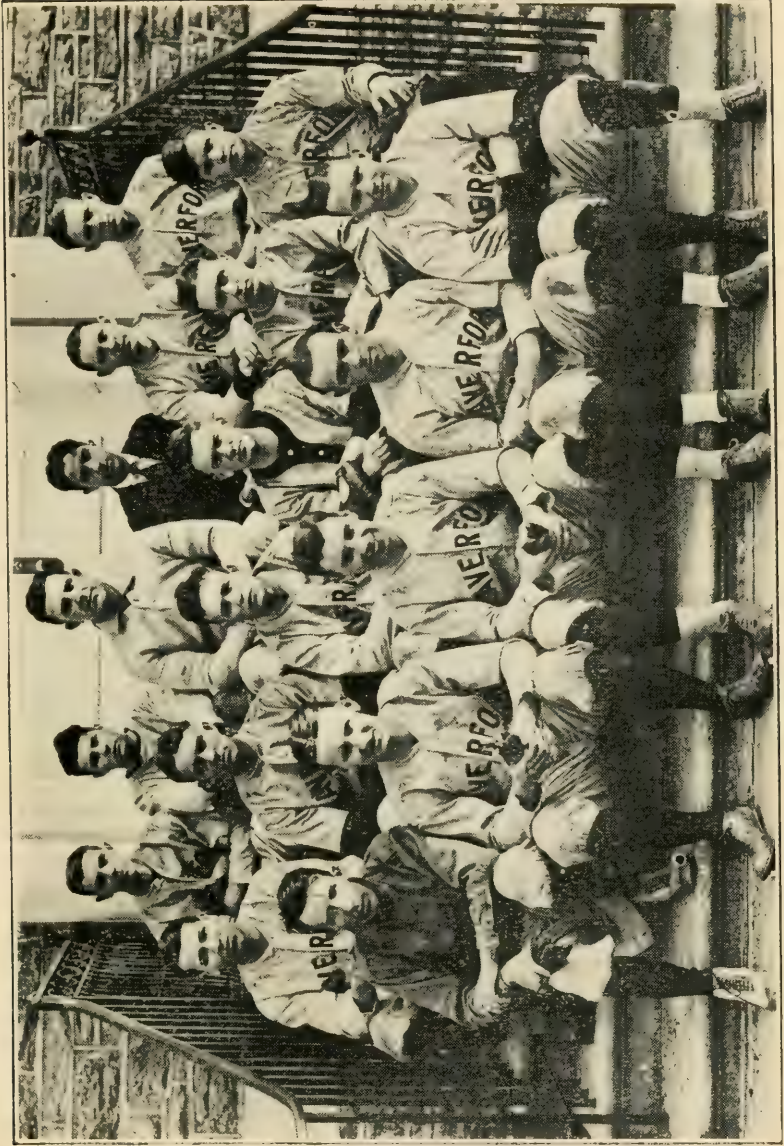
Dr. M. S. BENNETT

### Team

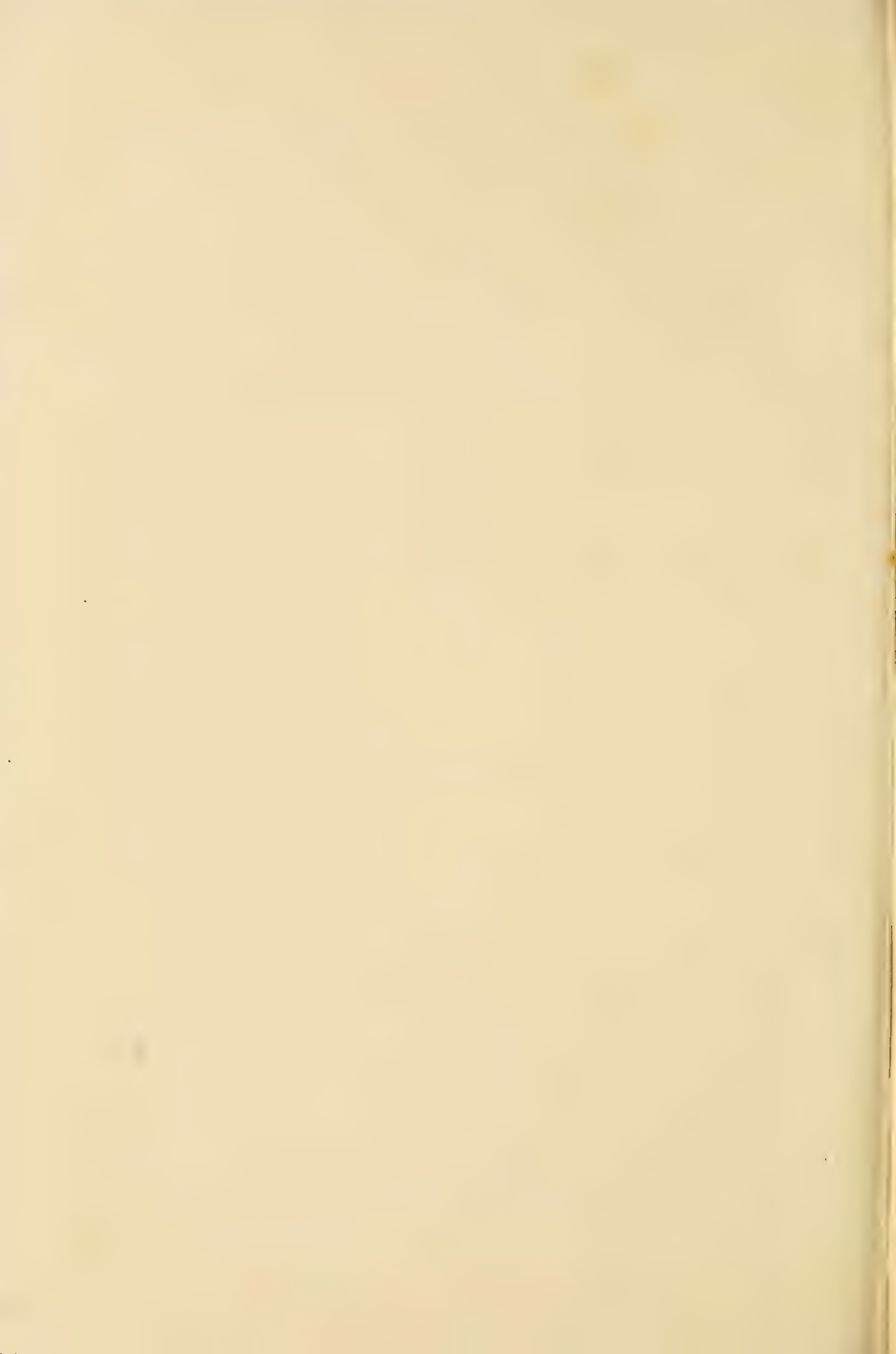
BURRITT, '20 (Captain).....	Second Base
KEARNEY, '20.....	Pitcher
PIERCE, '21.....	Pitcher
WALTON, '22.....	Shortstop
CAREY, '22.....	Center field
R. MATZKE, '22.....	Left field
BROWN, '23.....	Third base
FISHER, '23.....	First base
KNOWLTON, '23.....	Catcher
HUNSICKER, '23.....	Right field

### Schedules and Scores

- Apr. 10. Delaware (away).  
 24. New York University (away).  
 30. Stevens (home).  
 May 5. Villa Nova (home).  
 8. Swarthmore (home).  
 12. Franklin and Marshall (home).  
 21. Swarthmore (home).  
 June 5. Swarthmore (away).  
 11. Alumni (home).



HAVERFORD COLLEGE BASEBALL TEAM, 1919-20



Haverford, 2; Delaware, 4  
April 10, 1920

Haverford

	AB	R	H	O	A	E
Matzke, lf.....	1	0	1	0	0	0
Lewis, lf.....	2	0	1	0	0	0
Carey, cf.....	4	0	0	2	0	0
Burritt, 2b.....	5	1	1	2	2	2
Brown, 3b.....	4	0	3	1	3	0
Walton, ss.....	3	1	1	0	3	1
Hunsicker, rf.....	3	0	1	0	0	0
Pierce, rf.....	2	0	0	1	0	0
Fisher, 1b.....	4	0	0	10	1	0
Knowlton, c.....	3	0	0	10	4	1
Kearney, p.....	3	0	1	0	3	0
	—	—	—	—	—	—
	34	2	8	27	16	4

Delaware

	AB	R	H	O	A	E
Robbins, 3b.....	5	1	0	0	2	1
McCartle, 2b.....	3	0	0	5	0	1
Marvel, rf.....	4	0	1	1	0	0
Madden, cf.....	4	1	1	1	0	0
Stewart, lf.....	1	1	0	2	0	0
B. Carter, 1b.....	5	0	0	12	0	0
G. Carter, c.....	4	0	0	3	3	0
Taggart, ss.....	4	1	3	1	3	1
Caroll, p.....	3	0	0	1	4	0
	—	—	—	—	—	—
	33	4	5	27	12	3

Score by innings:

Haverford.....	1	0	0	1	0	0	0	0	0—2
Delaware.....	1	0	1	1	1	0	0	0	0—4

Three-base hit, Burritt. Two-base hits, Brown and Taggart. Struck out by Kearney, 9; by Caroll, 3. Bases on balls, off Kearney, 6; off Caroll, 6. Hit by pitched ball, Robbins, Marvel. Dropped third strike, Knowlton. Umpire, Adams. Time, 2 hours, 10 minutes.

## Haverford, 9; New York University, 16

April 24, 1920

## N. Y. University

	AB	R	H	O	A	E
Liss, 2b.....	2	4	0	2	2	1
Bromley, rf.....	4	2	0	0	0	0
Baker, ss.....	4	2	3	1	3	2
Weinheimer, lf.....	5	2	2	1	1	0
Delaney, p.....	4	2	2	0	3	0
Draffen, c.....	4	1	3	12	2	2
Holman, 3b.....	4	1	1	2	4	3
Daly, cf.....	5	1	0	1	0	0
Ferguson, 1b.....	4	1	1	8	0	1
	—	—	—	—	—	—
	36	16	12	27	15	9

## Haverford

	AB	R	H	O	A	E
Matzke, lf.....	5	1	2	1	0	0
Carey, cf.....	4	2	1	0	0	0
Burrirt, 2b.....	4	1	2	3	4	0
Brown, 3b., p.....	3	1	2	2	3	0
Walton, ss.....	4	0	0	0	0	1
Fisher, 1b.....	3	1	2	12	0	0
Hunsicker, rf., p., 3b.....	4	0	0	2	1	0
Knowlton, c.....	3	1	1	4	2	2
Pierce, p., rf.....	3	2	1	0	0	0
	—	—	—	—	—	—
	33	9	11	24	10	3

## Score by innings:

Haverford.....	1	5	0	1	0	0	2	0	0—9
N. Y. U.....	1	8	0	1	0	6	0	0	x—16

Two-base hits—Matzke, Ferguson, Weinheimer. Home run—Burrirt. Stolen bases—Holman, Weinheimer, 3; Liss. Sacrifice hit—Draffen. Struck out by Delaney, 12; Pierce, 3; Hunsicker, 1. Bases on balls—off Pierce, 3. Hit by pitcher—Liss, Daley, Matzke. Double plays—Matzke, Walton and Burrirt; Weinheimer and Liss. Passed balls—Knowlton, 3. Umpire—Walsh. Time—2 hours, 30 minutes.



**Haverford, 7; Villa Nova, 19**  
 May 5, 1920

**Haverford**

	R	H	O	A	E
Matzke, 3b.....	2	0	2	3	1
Carey, cf.....	3	1	2	0	1
Burritt, 2b, p.....	1	3	0	3	0
Fitts, 2b.....	0	0	0	0	1
Fisher, 1b.....	1	2	9	0	0
Pierce, rf, p.....	0	0	0	2	0
Walton, ss.....	0	0	2	2	1
Hunsicker, lf.....	0	0	0	0	1
Jones, lf.....	0	1	1	0	3
Knowlton, c.....	0	1	8	1	0
Kearney, p, rf.....	0	0	1	1	1
Jebb, rf.....	0	0	1	0	1
	—	—	—	—	—
	7	8	*26	12	10

**Villa Nova**

	R	H	O	A	E
Blanchfield, rf.....	3	3	0	0	0
Collom, ss.....	3	1	1	2	1
Byrne, 3b.....	3	2	0	2	1
Brennan, lf.....	2	3	1	0	0
Hetzler, c.....	2	1	12	0	0
Connoly, cf.....	2	1	3	0	0
Neville, 1b.....	1	1	9	0	0
Cronin, 2b.....	1	1	1	3	1
Dougherty, p.....	2	0	0	2	0
	—	—	—	—	—
	19	13	27	9	3

\* Connoly out for stepping over plate.

Two-base hits—Burritt, Blanchfield, Byrne, Cronin, Carey. Bases on balls—off Kearney, 2; Pierce, 3; Dougherty, 3. Struck out by Pierce, 4; by Dougherty, 9. Hit by pitched ball—by Dougherty, Knowlton; by Kearney, Neville. Umpire—Adams.

## Haverford, 2; Stevens, 7

April 30, 1920

## Haverford

	R	H	O	A	E
Matzke, lf.....	0	0	0	1	1
Carey, cf.....	0	1	2	0	0
Burritt, 2b.....	0	0	1	2	1
Brown, 3b.....	0	1	3	2	1
Fisher, 1b.....	0	0	6	0	0
Pierce, rf.....	2	1	0	0	0
Walton, ss.....	0	1	1	4	1
Knowlton, c.....	0	1	4	1	0
Kearney, p.....	0	1	0	2	0
	—	—	—	—	—
	2	6	18	12	4

## Stevens

	R	H	O	A	E
Daly, 3b.....	1	0	2	2	0
Barry, ss.....	1	0	0	1	1
Last, lf.....	1	1	2	0	0
Huneke, 2b.....	1	1	0	2	0
Donnelly, cf.....	1	1	0	0	0
Egger, 1b.....	2	1	8	0	0
Hurst, rf.....	0	1	0	0	0
Ferrari, c.....	0	0	5	0	1
Sildorf, p.....	0	0	1	2	1
	—	—	—	—	—
	7	5	11	7	3

## Score by innings:

Stevens.....	4	1	0	0	2	0—7
Haverford.....	0	1	0	1	0	0—2

Two-base hits—Hurst, Barry, Pierce. Umpire—Adams.

Haverford, 5; Franklin and Marshall, 4  
May 12, 1920

Haverford

	AB	R	H	O	A	E
Matzke, lf.....	4	0	1	1	0	0
Carey, cf.....	4	2	0	0	0	0
Burritt, 2b.....	4	1	2	5	3	0
Brown, 3b.....	3	0	2	0	1	1
Fisher, 1b.....	4	0	1	10	1	0
Knowlton, c.....	4	1	1	9	3	0
Walton, ss.....	3	0	1	1	1	1
Jones, rf.....	2	0	0	0	0	0
Pierce, rf.....	2	0	0	0	0	0
Kearney, p.....	4	1	2	1	3	1
	34	5	10	27	11	3

F. and M.

	AB	R	H	O	A	E
May, lf.....	4	1	1	1	0	0
Dudley, rf.....	3	1	2	1	0	0
Groff, ss.....	4	1	0	0	0	1
Trier, cf.....	4	0	0	2	0	0
Spohn, 2b.....	4	0	0	2	2	0
Kline 1b.....	4	0	0	9	1	0
Weaver, 3b.....	4	0	0	0	5	1
Benitten, c.....	2	1	2	10	1	0
Kingsley, c.....	0	0	0	0	0	0
McIlvey*.....	1	0	0	0	0	0
	30	4	5	25	9	2

\* Batted for Benitten.

Score by innings:

F. and M.....	0	0	0	2	2	0	0	0	0-4
Haverford.....	1	0	0	0	0	1	1	1	1-5

## Haverford, 2; Swarthmore, 17

May 21, 1920

## Haverford

	AB	R	H	O	A	E
Matzke, lf.....	5	0	0	0	0	0
Carey, cf.....	2	0	1	2	0	1
Burritt, 2b.....	4	0	0	1	3	0
Brown, 3b.....	4	0	1	1	2	1
Fisher, 1b.....	4	1	1	10	0	0
Heilman, ss.....	4	0	1	4	2	0
Knowlton, c.....	4	0	1	7	0	0
Jones, rf.....	0	0	0	0	0	0
Hunsicker, p.....	4	1	0	0	2	1
Kearney, p.....	0	0	0	0	0	0
Pierce, p., rf.....	4	0	2	2	0	0
	—	—	—	—	—	—
	35	2	7	27	9	3

## Swarthmore

	AB	R	H	O	A	E
Yoder, ss.....	6	2	2	3	3	1
White, 2b.....	4	2	2	6	2	0
Young, 1b.....	4	3	2	6	1	1
Wiese, lf.....	6	2	4	1	0	0
Carter, cf.....	5	2	2	3	0	0
Larkin, rf.....	6	2	2	2	2	0
Place, 3b.....	3	1	0	0	0	1
Dudley, 3b.....	2	1	1	1	0	0
Schneider, c.....	4	0	2	2	1	1
Humphries, c.....	1	1	0	2	1	0
Earnshaw, p.....	2	1	0	0	0	0
Ogden, rf.....	3	0	0	1	0	0
	—	—	—	—	—	—
	46	17	17	27	10	4

## Score by innings:

Haverford.....	0	0	1	1	0	0	0	0	0—2
Swarthmore.....	5	2	7	0	0	1	2	0	0—17

Two-base hits—Pierce (2); Larkin, Wiese, Young. Three-base hits—Larkin. Home run—Yoder. Hits—off Earnshaw, 2 in 4

innings; off Larkin, 5 in 5 innings; off Kearney, 5 in one inning; off Pierce, 1 in  $\frac{1}{2}$  inning; off Hunsicker, 4 in 1 inning; off Brown, 7 in  $6\frac{2}{3}$  innings. Double plays—Hunsicker, to Heilman to Knowlton; Yoder, White to Young; Young to Yoder. Left on bases—Swarthmore, 10; Haverford, 8. Bases on balls—off Brown, Pierce and Earnshaw, 3; off Kearney, 1. Struck out—by Earnshaw, 4; by Brown, Kearney, Hunsicker and Larkin, 1. Hit by pitcher—Carter, Place. Stolen bases—Carey, 3; Wiese, 2; White, Schneider and Knowlton, 1. Wild pitch—Pierce, Brown and Earnshaw. Passed balls—Knowlton, 2. Umpire—Adams.

## Tennis Department

### *Manager*

C. J. LEUBA, '20

### *Assistant Managers*

R. N. WOOD, '21

R. ATKINSON, '21

### **Tennis Team**

H. C. HENDERSON, '21 (*Captain*) A. K. BUCKNELL, '22

B. B. WEATHERBY, '21 J. M. FAY, '23

### **Schedule**

Apr. 29. Villanova at Haverford. Haverford, 6; Villanova, 0.

May 8. Franklin and Marshall at Haverford, (postponed on account of rain).

14. Lafayette at Haverford.

15. Delaware at Newark.

20. Swarthmore at Swarthmore.

28. Johns Hopkins at Haverford.

### **The Walton Prize Cup**

Presented by Mr. Ernest F. Walton, of the Class of 1890, for the encouragement of individual athletic work, and to be awarded annually to the student who wins the highest total of points in athletic competition during the college year, and subject to the following conditions:

1. The athletic events accepted shall be those of the annual interclass athletic meeting, the sophomore-freshman athletic sports,

the Pennsylvania relay carnival, the annual Princeton handicap games, and the I. C. A. A. A. meeting. Additional events may be accepted at the discretion of the committee of award. (Dual college meets now included.)

2. See Art. VIII, Sec. 4, of A. A. Constitution for revised value of points.

3. The athletic sub-committee of the general advisory athletic committee of the alumni and students shall constitute the committee of award.

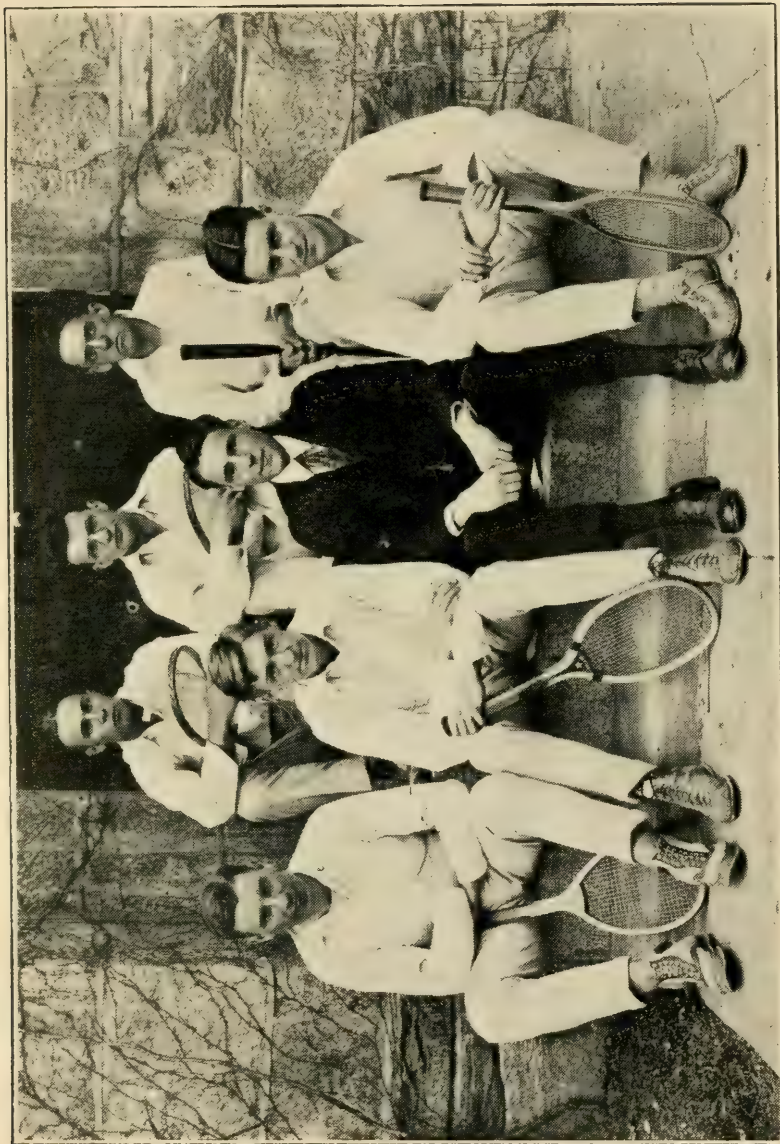
4. The winner of the Cup shall hold the same for one year and his name with total points won shall be inscribed upon it.

5. The Cup shall be returned to the athletic director immediately after the Intercollegiate Meeting (I. C. A. A. A.), and shall be re-awarded within the two weeks following the same meeting.

6. The conditions above outlined may be modified at the unanimous wish of the joint student and alumni committee, with the consent of the donor.

### Holders of the Walton Prize Cup

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1901	J. W. REEDER	'02	23
1902	J. W. REEDER	'02	53½
1903	T. K. BROWN, JR.	'06	42
1904	T. K. BROWN, JR.	'06	45
1905	T. K. BROWN, JR.	'06	58½
1906	T. K. BROWN, JR.	'06	77
1907	WALTER PALMER	'10	62
1908	WALTER PALMER	'10	66
1909	G. S. BARD	'09	55½
1910	WALTER PALMER	'10	60
1911	F. M. FROELICHER	'13	67½
1912	F. M. FROELICHER	'13	66½
1913	F. M. FROELICHER	'13	66½
1914	E. M. JONES	'14	73
1915	W. L. MARTWICK	'16	51
1916	J. A. HISEY	'18	47½
1919	J. A. HISEY	'19	68
1920	FRANCIS SILVER	'20	24



Haverford College Tennis Team, 1919-20





## Cope Prize Bat

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1877—	E. T. COMFORT . . . . .	'78 . . . . .	18.83
1878—	E. T. COMFORT . . . . .	'78 . . . . .	10.03
1879—	SAMUEL MASON . . . . .	'80 . . . . .	14.
1880—	SAMUEL MASON . . . . .	'80 . . . . .	17.57
1881—	T. N. WINSLOW . . . . .	'81 . . . . .	12.5
1882—	G. B. SHOEMAKER . . . . .	'83 . . . . .	9.6
1883—	W. F. PRICE . . . . .	'81 . . . . .	11.88
1884—	SAMUEL BETTLE . . . . .	'85 . . . . .	17.25
1885—	SAMUEL BETTLE . . . . .	'85 . . . . .	23.
1886—	G. S. PATTERSON . . . . .	'88 . . . . .	32.8
1887—	A. G. GARRETT . . . . .	'87 . . . . .	35.66
1888—	T. E. HILLES . . . . .	'88 . . . . .	9.6
1889—	R. L. MARTIN . . . . .	'92 . . . . .	13.
1890—	C. H. BURR, JR. . . . .	'89 . . . . .	19.14
1891—	J. W. MUIR . . . . .	'92 . . . . .	38.5
1892—	J. W. MUIR . . . . .	'92 . . . . .	26.25
1893—	J. A. LESTER . . . . .	'96 . . . . .	100.5
1894—	J. A. LESTER . . . . .	'96 . . . . .	62.2
1895—	J. A. LESTER . . . . .	'96 . . . . .	49.83
1896—	J. A. LESTER . . . . .	'96 . . . . .	41.1
1897—	C. G. TATNALL . . . . .	'97 . . . . .	9.85
1898—	T. WISTAR . . . . .	'98 . . . . .	21.75
1899—	F. C. SHARPLESS . . . . .	'00 . . . . .	26.
1900—	F. C. SHARPLESS . . . . .	'00 . . . . .	37.
1901—	C. C. MORRIS . . . . .	'04 . . . . .	21.89
1902—	C. C. MORRIS . . . . .	'04 . . . . .	35.29
1903—	C. C. MORRIS . . . . .	'04 . . . . .	50.56
1904—	W. P. BONBRIGHT . . . . .	'04 . . . . .	31.29
1905—	R. L. PEARSON . . . . .	'05 . . . . .	37.
1906—	A. T. LOWRY . . . . .	'05 . . . . .	25.8
1907—	A. W. HUTTON . . . . .	'10 . . . . .	31.6
1908—	A. W. HUTTON . . . . .	'10 . . . . .	19.5
1909—	H. A. FURNESS . . . . .	'10 . . . . .	47.4
1910—	H. A. FURNESS . . . . .	'10 . . . . .	66.
1911—	H. G. TAYLOR, JR. . . . .	'11 . . . . .	28.33
1912—	L. V. THOMAS . . . . .	'14 . . . . .	21.3

1913—S. E. STOKES.....	'14	24.55
1914—S. E. STOKES.....	'14	45.8
1915—J. M. CROSMAN.....	'18	27.7
1916—J. M. CROSMAN.....	'18	
1917—Not Awarded.		
1918—J. D. BARLOW.....	'19	26.2
1919—J. M. CROSMAN.....	'18	44.4

## Congdon Prize Ball

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Aver.</i>
1877—J. M. W. THOMAS.....	'78	1.11	
1878—E. T. COMFORT.....	'78	6.47	
1879—W. C. LOWRY.....	'79	5.81	
1880—B. V. THOMAS.....	'83	5.78	
1881—W. L. BAILY.....	'83	5.31	
1882—A. C. CRAIG.....	'84	4.30	
1883—W. L. BAILY.....	'83	8.00	
1885—W. F. HILLES.....	'85	4.50	
1886—A. C. GARRETT.....	'87	8.25	
1887—J. W. SHARP, JR.....	'88	7.86	
1888—H. P. BAILY.....	'90	5.47	
1889—H. P. BAILY.....	'90	5.86	
1890—H. P. BAILY.....	'90	6.50	
1891—D. H. BLAIR.....	'91	17.50	
1892—JOHN ROBERTS.....	'93	7.33	
1893—JOHN ROBERTS.....	'93	7.90	
1894—A. P. MORRIS.....	'95	5.97	
1895—A. P. MORRIS.....	'95	6.46	
1896—J. A. LESTER.....	'96	6.19	
1897—R. S. WENDELL.....	'00	8.25	
1898—L. W. DEMOTTE.....	'01	5.22	
1899—W. S. HINCHMAN.....	'00	9.40	
1900—L. W. DEMOTTE.....	'01	6.	
1901—L. W. DEMOTTE.....	'01	8.13	
1902—N. A. SCOTT.....	'02	10.92	
1903—H. PLEASANTS, JR.....	'06	7.49	
1904—F. D. GODLEY.....	'07	4.83	
1905—H. PLEASANTS, JR.....	'06	7.47	

1906—F. D. GODLEY.....	'07	8.47
1907—J. B. CLEMENT, JR.....	'08	8.2
1908—J. C. THOMAS.....	'08	7.46
1909—H. HOWSON.....	'12	8.66
1910—L. R. THOMAS.....	'13	7.1
1911—W. D. HARTSHORNE, JR.....	'11	9.4
1912—J. K. GARRIGUES.....	'14	10.45
1913—W. C. BRINTON.....	'15	12.2
1914—W. C. BRINTON.....	'15	8.6
1915—W. C. BRINTON.....	'15	10.2
1916—A. D. OLIVER.....	'19	8.6
1917—Not awarded.		
1918—E. H. THORPE.....	'19	9.6
1919—E. H. THORPE.....	'19	8.5

### Haines Prize Fielding Belt

<i>Year</i>	<i>Name</i>	<i>Class</i>	<i>Year</i>	<i>Name</i>	<i>Class</i>
1876—	C. S. CROSMAN.....	'78	1898—	A. G. SCATTERGOOD..	'98
1877—	A. L. BAILY.....	'78	1899—	W. S. HINCHMAN....	'00
1878—	J. E. SHEPPARD.....	'79	1900—	W. V. DENNIS.....	'02
1879—	A. P. CORBITT.....	'80	1901—	C. C. MORRIS.....	'04
1880—	W. F. PRICE.....	'81	1902—	A. C. WOOD, JR.....	'02
1881—	B. V. THOMAS.....	'83	1903—	J. B. DRINKER.....	'03
1882—	S. B. SHOEMAKER...	'83	1904—	H. H. MORRIS.....	'04
1883—	W. L. BAILY.....	'83	1905—	A. T. LOWRY.....	'06
1884—	W. S. HILLES.....	'85	1906—	H. W. DOUGHTEN, JR.	'06
1885—	W. F. PRICE.....	'81	1907—	J. P. MAGILL.....	'07
1886—	J. W. SHARP, JR.....	'88	1908—	E. A. EDWARDS.....	'08
1887—	H. P. BAILY.....	'90	1909—	H. A. FURNESS.....	'10
1888—	C. H. BURR, JR.....	'89	1910—	H. A. FURNESS.....	'10
1889—	J. S. STOKES.....	'86	1911—	H. M. THOMAS, JR..	'12
1890—	J. W. MUIR.....	'90	1912—	H. W. SECKLE.....	'14
1891—	G. THOMAS, 3D.....	'91	1913—	S. E. STOKES.....	'14
1892—	S. W. MORRIS.....	'94	1914—	H. S. MILLER.....	'14
1893—	W. W. SUPPLEE.....	'95	1915—	J. E. SHIPLEY.....	'16
1894—	F. P. RISTINE.....	'94	1916—	J. E. SHIPLEY.....	'16
1895—	J. H. SCATTERGOOD..	'96	1917—	Not awarded.	
1896—	A. G. SCATTERGOOD..	'98	1918—	.....	
1897—	A. G. SCATTERGOOD..	'98	1919—	G. E. TOOGOOD.....	'20

## College Athletic Records

<i>Event</i>	<i>Time or distance</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash . . . . .	10 sec. . . . .	E. M. Jones, '14 . . . . .	1914
220-Yard Dash . . . . .	22 $\frac{1}{5}$ sec. . . . .	E. M. Jones, '14 . . . . .	1914
440-Yard Dash . . . . .	50 $\frac{1}{5}$ sec. . . . .	W. Palmer, '10 . . . . .	1910
Half-Mile Run . . . . .	2 min. 3 $\frac{4}{5}$ sec. . . . .	E. C. Tatnall, '07 . . . . .	1905
One-Mile Run . . . . .	4 min. 35 sec. . . . .	P. J. Baker, '10 . . . . .	1907
Two-Mile Run . . . . .	10 min. 15 $\frac{1}{5}$ sec. . . . .	D. Clement, '17 . . . . .	1916
High Hurdles . . . . .	15 $\frac{4}{5}$ sec. . . . .	T. K. Brown, Jr., '06 . . . . .	1905
Low Hurdles . . . . .	25 $\frac{1}{5}$ sec. . . . .	W. L. Martwick, '16 . . . . .	1915
Broad Jump . . . . .	21 ft. 8 in. . . . .	F. M. Froelicher, '13 . . . . .	1912
High Jump . . . . .	6 ft. 1 in. . . . .	E. B. Conklin, '99 . . . . .	1899
Shot Put . . . . .	41 ft. 8 $\frac{1}{2}$ in. . . . .	F. M. Froelicher . . . . .	1912
Hammer Throw . . . . .	123 ft. 6 in. . . . .	H. W. Jones, '05 . . . . .	1905
Discus Throw . . . . .	118 ft. 8 in. . . . .	James L. Pierce, '21 . . . . .	1919
Pole Vault . . . . .	11 ft. 1 $\frac{3}{4}$ in. . . . .	P. Hunter, '16 . . . . .	1916
Javelin . . . . .	154 ft. . . . .	Francis S. Silver, '20 . . . . .	1920





gift of  
Haverford

