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Haverford College Bulletin

DIRECTORY

VOLUME XLV NUMBER ONE

October 1946

1946

	S	M	T	W	T	F	S
September	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	**18**	**19**	**20**	**21**
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	29	**30**	...	...	...	...	...
October	...	...	**1**	**2**	**3**	**4**	**5**
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	S	M	T	W	T	F	S
November	...	...	...	...	...	**1**	**2**
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December	1	**2**	**3**	**4**	**5**	**6**	**7**
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	29	30	31	...	...	...	...

1947

	S	M	T	W	T	F	S
January	...	...	...	1	2	3	4
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February	...	...	...	...	...	...	**1**
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	23	**24**	**25**	**26**	**27**	**28**	...
March	...	...	...	...	...	...	**1**
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	16	**17**	**18**	**19**	**20**	**21**	**22**
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	30	31	...	...	...	...	...

	S	M	T	W	T	F	S
April	...	...	1	2	3	4	5
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	27	**28**	**29**	**30**	...	...	...
May	...	...	...	...	**1**	**2**	**3**
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	18	**19**	**20**	**21**	**22**	**23**	**24**
	25	**26**	**27**	**28**	**29**	**30**	**31**
June	1	**2**	**3**	**4**	**5**	**6**	**7**
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	22	23	24	25	26	27	28
	29	30	...	...	...	...	...

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

CALENDAR
1946–1947

Registration of all new students.....Sept. 16–17
Beginning of College Year with Assembly, 9 A.M.; registration of returning students.....Sept. 18
First-Semester Classes begin, 8 A.M.....Sept. 19
Thanksgiving Recess (dates inclusive).....Nov. 28–Dec. 1
First Quarter ends.....Nov. 27
Last date for selection of Major Departments by students who have been in attendance three terms.....Dec. 9
Christmas Recess (dates inclusive).....Dec. 22, 1946–Jan. 5, 1947
First-Semester Classes in Major Subjects end for graduating Seniors.....Jan. 11
Senior Comprehensive Examinations.....Jan. 15–18
First-Semester Classes end (except for graduating Seniors in Major Subjects).....Jan. 16
Mid-year Examinations.....Jan. 20–31

Second-Semester begins with Registration of all new students, 9 A.M.; approved Second Semester Programs of returning students must be filed by 5 P.M.....Feb. 3
Second-Semester Classes begin, 8 A.M.; Assembly, for all students, 11 A.M.....Feb. 4
Third Quarter ends.....Mar. 29
Spring Recess (dates inclusive).....Mar. 30–Apr. 6
Last date for selection of Major Departments by students who have been in attendance three terms.....Apr. 29
Last date for submission of Prize Manuscripts.....Apr. 29
Second-Semester Classes in Major Subjects end for graduating Seniors.....May 17
Senior Comprehensive Examinations.....May 21–24
Second-Semester Classes end (except for graduating Seniors in Major Subjects).....May 22
Final Examinations.....May 26–June 6
Commencement Day.....June 7

ACADEMIC YEAR 1946–1947
DIRECTORY
FACULTY AND STAFF

Name	Residence Haverford, unless otherwise noted	Telephone Ardmore, unless otherwise noted	Office
	(B.M. = Bryn Mawr, H. C. = Haverford College)		
Allendoerfer, Carl B.	750 Rugby Rd., B.M.	B.M. 2568 J	Founders, Center West
Archfield, Dorothy B.	100 Grandview Rd., Ardmore, Pa.	4728	Founders
Asensio, Manuel J.	2 College Lane	4163	Founders, West
Asensio, Elisa	2 College Lane	4163	
Beard, Mabel S.	Infirmary, H.C.	3036	Infirmary
Beatty, Ethel E.	Founders, H.C.	9460	Founders
Benham, Thomas A.	3 College Lane	6044	Sharpless 14
Bernheimer, Richard M.	225 N. Roberts Rd., B.M.	B.M. 1427 W	B.M. College
Berry, Alice M.	Lincoln Highway, Berwyn, Pa.	Berwyn 0225	Roberts, 2nd fl.
Braatoy, Bjarne	Government House, H.C.	9613	Library 43
Cadbury, William E., Jr.	791 College Ave.	0203 W	Chem. Lab. 22
Caselli, Aldo	1 College Circle	5562	Union
Chatto, Viola	521 Panmure Rd.	0693	Founders
Comfort, Howard	5 College Circle	3732	Sharpless 40
Comfort, William W.	South Walton Road	0455	
Coogan, Daniel F., Jr.	336 Brookline Blvd., Havertown, Pa.	Hilltop 2295 W	Whitall 8
Cooper, Bennett S.	521 Panmure Road	3254 M	Founders, East
Cooper, Michael S.	4516 Chestnut St., Phila., Pa.	Baring 2-6208	
Cornell, Charlene D.	Buck Lane	2904	Founders, East
Crosman, Sara E.	Griffin Lane	6220	Roberts, 2nd fl.
Davis, Evan	3730 Locust St., Phila., Pa.	Evergreen 6-5083	Whitall 8
Docherty, William, Jr.	746 Panmure Road	B.M 0569 W	Gymnasium
Drake, Thomas E.*	702 Pennstone Rd., B.M.	B.M. 1534	Library, Treasure Room
Duisberg, Peter C.	170 Hansberry St., Phila., Pa.	Germantown 8-5045	Chem. Lab. 22
Dunn, Emmett R.	748 Rugby Rd., B.M.	B.M. 2753	Sharpless 39
Evans, Arlington	653 E. Jamestown St., Phila., Pa.	Roxborough 8-3876 J	Gymnasium
Evans, Francis Cope	1 College Lane	4049 W	Sharpless 32
Fetter, Frank W.	5 Canterbury Lane, St. Davids, Pa.	Wayne 2449 J	Whitall 9
FitzGerald, Alan S.	531 Panmure Rd.	5092	Sharpless 9
Flight, John W.	753 College Ave.	4409 W	Sharpless 42
Foss, Martin	1a College Lane	1599	Library 49
Goldberger, Else	Crum Creek Farm, Goshen Rd., R.F.D. 1, Newtown Square, Pa.	Newtown Square 0342 W	Whitall 2
Green, Louis C.	791 College Ave.	4409 J	Observatory
Haddleton, Alfred W.	20 Tenmore Rd.	B.M. 1235 W	Gymnasium
Harold, Agnes	322 Farwood Rd., Carroll Park Phila., 31, Pa.	5060	Union
Henry, Howard K.	1464 Drayton Lane Penn Wynne, Pa.	3913 J	Sharpless 31
Herndon, John G.**	1 College Lane	0364	
Hetzel, Theodore B.	768 College Ave.	4393 W	Hilles, 2nd fl.
Hewitt, Anna B.	245 S. 38th St., Phila. 4, Pa.	Evergreen 6-4946	Library, Treasure Room

Name	Residence Haverford, unless otherwise noted	Telephone Ardmore, unless otherwise noted	Office
	(B.M. = Bryn Mawr, H. C. = Haverford College)		
Hoag, Gilbert T.	Woodside Cottage, H.C.	1402 W	Roberts, 1st fl.
Holmes, Clayton W.	720 Millbrook Lane	4269 W	Hilles, 1st fl.
Jones, Thomas O.**			Chem. Lab. 6
Jones, Rufus M.	2 College Circle	2777	
Kahn, Lessing A.	330 S. 4th St., Phila. 6, Pa.		Sharpless 21
Kelly, John A.	3 College Lane	4160	Whitall 11
Lester, John A.	36 Railroad Avenue	3168	Chase 3
Lockwood, Dean P.	6 College Circle	1402 J	Library
Lodge, F. Ruth	1527 Fairfax Rd., Rosemont, Pa.	B.M. 0663 W	Whitall 5
Lunt, William E.	5 College Lane	1507 W	Whitall 10
MacIntosh, Archibald	3 College Circle	0961	Roberts, 2nd fl.
Meade, Edward G.	214 Bryn Mawr Ave., B.M.	B.M. 1767 W	Library 39
Meldrum, William B.	747 College Ave.	0881 J	Chem. Lab. 10
Oakley, Cletus O.	Featherbed Lane	3109 W	Founders, Center East
Palmer, Frederic, Jr.	1 College Lane	6878	
Pepinsky, Abraham	7 College Lane	5324	Sharpless 21
Pfund, Harry W.**	624 Overhill Rd., Ardmore, Pa.	5532	
Post, Amy L.	C-3 Dreycott Apts.	1643 M	Library 28
Post, L. Arnold	9 College Lane	0258 M	Library 51
Randall, Roy E.	2 Griffin Lane	4565 W	Gymnasium
Rantz, J. Otto	2122 Chestnut Ave., Ardmore, Pa.		Hilles, Lab. fl.
Reid, Ira De. A.	Founders Hall, H.C.	9460	Library 50
Rittenhouse, Leon H.	6 College Lane	5522	
Rogers, Dorean Mary	Woodside Cottage, H.C.	3109 M	Union
Sargent, Ralph M.	4 College Circle	3339	Whitall 7
Schroeder, Seaton	418 St. Davids Road, St. Davids, Pa.	Wayne 0224	Founders
Snyder, Edward D.	36 Railroad Ave.	0712	Whitall 12
Spaeth, J. Duncan	Upper Gulph Rd., Wayne, Pa.	Wayne 2244	Whitall 14
Steere, Douglas V.	739 College Ave.	0162	Whitall 3
Stefan, Marie	4837 Cedar Ave., Phila. 43, Pa.	Granite 2-2845	Union
Stulb, Florence B.	4730 Conshohocken Ave. Phila. 31, Pa.	Trinity 7-0916	Roberts, 1st fl.
Sutton, Richard M.	785 College Ave. facing Walton Rd.	0742 W	Sharpless 17
Swan, Alfred	624 Overhill Rd., Ardmore, Pa.	5532	Union, Music
Taylor, Dr. Herbert W.	457 Lancaster Ave.	2383	Infirmary
Teaf, Howard M., Jr.	3 College Lane	4049 J	Chase 7
Ufford, Wilbur C.	774 Millbrook Lane	7995 W	Hilles, 3rd fl.
Walter, Barbara L.	5713 W. Ashland Ave., Phila. 43, Pa.	Sherwood 7-5939	Roberts, 1st fl.
Watson, Frank D.	773 College Ave.	2937	Whitall 6
White, Gilbert F.	1 College Circle	4642	Roberts, 2nd fl.
Williamson, A. Jardine	4 College Lane	4023	Founders, West
Wilson, Albert H.	765 College Ave.	1853	
Wonson, Gertrude M.	112 Mondela Ave., B.M.		Roberts, 2nd fl.
Wylie, Laurence W.	Government House, H.C.	2163 W	Library 42

*Indicates absence during second semester.
**Indicates absence during whole academic year.

COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by calling Ardmore 6400
unless otherwise noted

Admissions Office: Archibald MacIntosh, Director of Admissions
Gertrude M. Wonson, Assistant to the Director of Admissions
Alumni Office: Bennett S. Cooper, Secretary
Assistant to the President: Bennett S. Cooper
Barclay Hall, North ..... (Pay Station) ...9506
Barclay Hall, Center ..... (Pay Station) ...9459
Barclay Hall, South ..... (Pay Station) ...9508
Biology Laboratory (Sharpless Hall) : E. R. Dunn, F. C. Evans, H. K. Henry
Bookstore: Else Goldberger, Manager
Business Office: Aldo Caselli, Comptroller
Agnes Harold, Secretary to the Comptroller
Dorean Mary Rogers (Accounts Payable)
Marie Stefan (Accounts Receivable)
Cashier's Office: Marie Stefan
Chase Hall: John A. Lester, Howard M. Teaf, Jr.
Chemistry Laboratory: W. E. Cadbury, Jr., P. C. Duisberg, W. B. Meldrum
Dean's Office: Gilbert T. Hoag, Dean
Barbara L. Walter, Secretary to the Dean
Dietitian: Ethel E. Beatty
Engineering Laboratory (Hilles) : T. B. Hetzel, C. W. Holmes, J. O. Rantz, W. C. Ufford
Founders Hall, East ..... (Pay Station) ...9460
Founders Hall, Dormitory ..... (Pay Station) ...9533
French House: Laurence W. Wylie, Director..... (Pay Station) ...9613
Government House: Laurence W. Wylie, Director..... (Pay Station) ...9613
Gymnasium ..... (Pay Station) ...9512
Gymnasium Office: W. Docherty, Jr., A. Evans, A. W. Haddleton, R. E. Randall
Haverford News
Hilles Laboratory of Applied Science (Engineering)
Infirmary: Herbert W. Taylor, M.D., College Physician
Mabel S. Beard, R.N.
Kitchen ..... (Pay Station) ...9544
Language House: Manuel J. Asensio, Director..... (Pay Station) ...9128
Library: D. P. Lockwood, Librarian
Amy L. Post, Assistant Librarian
Circulation Desk
Treasure Room: Thomas E. Drake, Anna B. Hewitt
Library Offices: B. Braatoy, M. Foss, E. G. Meade, L. A. Post, Ira De. A. Reid, L. W. Wylie
Lloyd Hall, 3rd Entry (Kinsey) Rooms 1–12..... (Pay Station) ...9520
Lloyd Hall, 5th Entry (Strawbridge) Rooms 13–26..... (Pay Station) ...9514
Lloyd Hall, 8th Entry (Leeds) Rooms 27–38..... (Pay Station) ...9628
Maintenance and Operation Office: Seaton Schroeder, Superintendent
Viola Chatto, Secretary to the Superintendent
Merion Annex ..... (Pay Station) ...9561
Merion Hall ..... (Pay Station) ...9458
Observatory: Louis C. Green
Panmure Road—521, Dormitory ..... (Pay Station) ...9516
Panmure Road—746, Dormitory ..... (Pay Station) ...Bryn Mawr 9275
Physics Laboratory (Sharpless Hall) : T. A. Benham, R. M. Sutton
Placement Bureau: Bennett S. Cooper, Director
Power House..... (Pay Station) ...9540
President: Gilbert F. White
President's Office: Alice M. Berry, Secretary to the President
Publicity Director: Bennett S. Cooper
Radio Club: Station WHAV (Haverford Union) ..... (Pay Station) ...5042

COLLEGE OFFICE AND BUILDING TELEPHONES

All telephones below may be reached by calling Ardmore 6400
unless otherwise noted

Registrar's Office: Margaret R. Coggeshall, Florence B. Stulb
Research Laboratory: Alan S. FitzGerald, Director..... (Pay Station) ...5092
Sharpless Hall: T. A. Benham, H. Comfort, E. R. Dunn, F. C. Evans,
A. S. FitzGerald, J. W. Flight, H. K. Henry, L. A. Kahn,
A. Pepinsky, R. M. Sutton
Veterans' Counsellor: Howard Comfort (Whitall Hall 5)
F. Ruth Lodge, Secretary to the Veterans' Counsellor
Vice President: Archibald MacIntosh
Sara E. Crosman, Secretary to the Vice President
Whitall Hall: H. Comfort, D. F. Coogan, Jr., Evan Davis, F. W. Fetter,
E. Goldberger, J. A. Kelly, W. E. Lunt, R. M. Sargent, E. D. Snyder,
J. D. Spaeth, D. V. Steere, F. D. Watson

COLLEGE TELEPHONE SERVICE

When there is an operator at the switchboard (9:00 a.m. to 5:00 p.m. Monday through Friday, 9:00 a.m. to 1 p.m. on Saturday, none Sunday) any of the offices listed below can be reached by calling *Ardmore 6400*.

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

Ardmore 6400 Library; Maintenance and Operation Office
Ardmore 6401 Dean; Comptroller
Ardmore 6402 Hilles Laboratory; Physics Laboratory
Ardmore 3036 Infirmary
Ardmore 3761 President's Office
Ardmore 1942 Vice President; Director of Admissions

FACULTY OFFICE TELEPHONES

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

DIRECTORY
STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room:

Bc for Barclay Center
Bn for Barclay North
Bs for Barclay South
Bc.T.W. for Barclay Center Tower, West
Bc.T.E. for Barclay Center Tower, East
F. for Founders Hall
G.H. for Government House
L.H. for Language House
L. for Lloyd Hall
M.A. for Merion Annex
M. for Merion Hall
521 for Panmure Road
746 for Panmure Road

(NOTE: The number preceding 521, 746, M.A., and M. indicates the room occupied by the student.)

Name — Home Address — College Address

A

ACKER, George Nicholas ..... Day
New Oxford, Pa.
Local Address: 28 Cricket Ave., Ardmore, Pa.

ACTON, John Thomas ..... 50 Bn
Buck Road, Bryn Athyn, Pa.

ADAMS, James Fowler, Jr. ..... 35 L
2900 Harrison Street, Wilmington 270, Del.

ADDOMS, Jeremy ..... Day
25 Hilltop Road, Chestnut Hill, Philadelphia, Pa.

AGNEW, Robert Lewis ..... Day
1133 Patton Avenue, Springfield, Ill.
Local Address: Pendle Hill, Wallingford, Pa.

ALDEN, Charles Seymour ..... Day
8 Craigie Street, Cambridge Mass. % Mrs. Murray P. Horwood
Local Address: 225 Roberts Road, Bryn Mawr, Pa.
% Dr. Richard M. Bernheimer
Telephone: Bryn Mawr 3029-R

ALENICK, Monroe Edward ..... 37 L
292 Eastern Parkway, Newark 6, N. J.

ALLEN, Robert Walker ..... Day
Buck Lane, Haverford, Pa.

ALLINSON, Andrew Prevost ..... 7 L
Town's End Farm, West Chester, Pa.

AMBLER, William Webster, Jr. ..... Day
1635 DeKalb Street, Norristown, Pa.
Local Address: 2936 Rising Sun Road, Ardmore, Pa. % Mr. John Mercer
Telephone: Ardmore 1438-W

AMUSSEN, Christopher Robin ..... 32 Bc
125 Kenwood Avenue, Chevy Chase, Md.

ANDERSON, John Dickson ..... 8 F
580 Second Street, Butler, Pa.

ATKESON, Timothy Breed ..... 33 Bc
3673 Upton Street, N. W., Washington 8, D. C.

AUSTAD, Ragnar 10–521
Mjöndalen, Norway

B

BACON, Roger ..... 30 F
3307 Clarendon Road, Cleveland Heights, Ohio

BAER, Bruce Lawrence ..... 31 L
738 Gimghoul Road, Chapel Hill, N. C.

BAILEY, Moses Omar ..... 17 L
160 N. Main Street, West Hartford 7, Conn.

Name	Home Address	College Address
BAIR, George Eldridge		14 M
	Stuyvesant, N. Y.	
BAKER, Elwood Tate		19 Bs
	37-23 83rd Street, Jackson Heights, L. I., N. Y.	
BAKER, Robert Knoche		11 M
	355 Columbia Avenue, Palmerton, Pa.	
BAKER, William Perrin, Jr.		23 L
	355 Columbia Avenue, Palmerton, Pa.	
BALDI, Virgil Bismark, Jr.		19 F
	437 W. School Lane, Philadelphia, Pa.	
BALDWIN, Gordon Brewster		23 Bs
	Orchard Glenn, R. D. 1, Rochester 10, N. Y.	
BARKER, Harold Joseph, Jr.		51 Bn
	201–30th Street, Brigantine, N. J.	
BARKER, William Pierson, II		21 L
	1553 Shorb Avenue, N. W., Canton 3, Ohio	
BARRAT, Bernard John		12–52I
	54 Avenue de Neuilly, Neuilly-sur-Seine, France	
BARRAZA, Carlos		70 Bn
	Donato Guerra 315 S, Torreon, Coah, Mexico	
BARRON, Daniel Aloysius		5 M
	13 W. Bertsch Street, Lansford, Pa.	
BARROWS, William Monroe		24 Bs
	24 Willard Street, E. Braintree 84, Mass.	
BASSERT, David Erisman		5 F
	118 Island Avenue, Bala-Cynwyd, Pa.	
BASSLER, Carl Bruce		Day
	Ainsworth Iowa	
	Local Address: Pendle Hill, Wallingford, Pa.	
BEAULIEU, Charles Emile		Day
	27 Hooker Street, Pitkin Homes, E. Hartford, Conn.	
	Local Address: 1011 Roosevelt Avenue, Manoa, Pa. % Mrs. Muller	
	Telephone: Hilltop 6209	
BECK, Stuart Morgan		14 L
	3900 Cathedral Avenue, N. W., Washington 16, D. C.	
BECKLEY, Addison Summers		3–746
	277 S. Douglas Avenue, Springfield, Ohio	
BEEKEN, Warren Lazell		51 Bn
	150 Beaver Street, Beaver, Pa.	
BEHRENS, Robert Herman		Day
	4042 Walnut Street, Philadelphia, Pa.	
BENNETT, Peter Goldthwait		9 F
	82 Washington Street, Wellesley Hills, Mass.	
BERNSTEIN, Daniel Seymour		37 L
	3700 Hilton Road, Baltimore 15, Md.	
BETSON, Robert Boyd		Day
	239 Crawford Avenue, Lansdowne, Pa.	
BETSON, Wesley Rhodes		Day
	239 Crawford Avenue, Lansdowne, Pa.	
BILLO, Joseph Geoffrey		6 Bs
	11 Axtell Drive, Scarsdale, N. Y.	
BINGHAM, Jules		Mer. Annex 3rd Fl.
	63 Wall Street, New York 21, N. Y.	
BIRDSALL, Joseph Cooper, Jr.		7 L
	139 Booth Lane, Haverford, Pa.	
BISHOP, William Spotswood		4–746
	226 Greenwood Road, Sharon Hill, Pa.	
BLAKE, Frederick Leighton		9 L
	202 W. Beechtree Lane, Wayne, Pa.	
BLASIUS, Leslie Gordon		4 L
	529 Wyoming Avenue, Millburn, N. J.	

Name	Home Address	College Address
BLUM, David Meyer		37 L
	3603 Forest Park Avenue, Baltimore 16, Md.	
BOCK, Gerhard Patrick		Day
	706 Merion Avenue, Havertown, Pa.	
BOGER, John Neil		69 Bn
	341 Cumberland Street, Lebanon, Pa.	
BOND, Carl Taylor		6 L
	4 Walnut Street, Bristol, N. H.	
BOTELER, Charles Magdefrau, Jr.		32 Bc
	4600 Sedgwick Street, N. W., Washington, D. C.	
BOUZARTH, William Francis, II		22 L
	635 Belair Avenue, Aberdeen, Md.	
BOWDEN, Robert L.		Day
	732 Railroad Avenue, Bryn Mawr, Pa.	
BOYD, Andrew, Jr.		56 Bn
	6840 W. Barnett Lane, Milwaukee 11, Wis.	
BRENES, Luis Guillermo		66 Bn
	San Jose, Costa Rica	
BREWER, Paul Clisby, Jr.		L.H.
	36 Hamilton Avenue, Auburn, N. Y.	
BRICK, Allan Randall		23 Bs
	239 W. Glen Avenue, Ridgewood, N. J.	
BRODHEAD, Charles Daniel		10 F
	621 Rising Sun Avenue, Philadelphia 40, Pa.	
BRONNER, Edwin Blair		Day
	229 N. 18th Street, Philadelphia, Pa.	
BROOM, William Thomas		22 Bs
	7031 Boyer Street, Philadelphia 19, Pa.	
BROUS, Norman Scattergood		Day
	118 E. Gorgas Lane, Philadelphia 19, Pa.	
BROWN, Edwin Louis		23 Bs
	20 Griffing Boulevard, Asheville, N. C.	
BROWN, Joseph Epes, III		102 M.A.
	Southwest Harbor, Me.	
BROWN, Robert Edwin		35 Bc
	22 Woodbine Avenue, Larchmont, N. Y.	
BROWNLEE, Harold Joseph, Jr.		24 Bs
	Quaker Oats, Ltd., Southall, Middlesex, England	
BROWNLEE, John Erskine		38 L
	Quaker Oats, Ltd., Southall, Middlesex, England	
BUCKLEY, James Coakley		18 L
	620 Shadeland Avenue, Drexel Hill, Pa.	
BULLOCK, John Robert		113–115 M.A.
	418 S. 47th Street, Philadelphia, Pa.	
BUSH, John Hathaway		8 L
	4901 Hillbrook Lane, Washington, D. C.	
BUTTRICK, David Gardner		1 L
	21 E. 79th Street, New York, N. Y.	

C

CADBURY, Warder Henry		18 F
	7 Buckingham Place, Cambridge, Mass.	
CALHOUN, Crede Crespi		17 Bs
	Box 194, Balboa Heights, Canal Zone	
CANAN, James Franklin		G.H.
	1803 Third Avenue, Altoona, Pa.	
CANAN, Lawrence Henderson, Jr.		G.H.
	1803 Third Avenue, Altoona, Pa.	
CARMAN, John Braisted		26 Bc
	40 W. Hyatt Avenue, Mt. Kisco, N. Y.	
CARRINGTON, George Cabell, Jr.		28 Bn
	3715 Woodley Road, N. W., Washington 16, D. C.	

Name	Home Address	College Address
CARROLL, John MacGregor		G.H.
	468 Riverside Drive, New York City	
CARTIER, George Thomas		Day
	248 Conestoga Road, % Lowry, Wayne, Pa.	
CARY, John Richard		Day
	627 Walnut Lane, Haverford, Pa.	
CASE, Ward Calvin		25 L
	2512 Dryden Road, Columbus, Ohio	
CATES, Paul Barker		26 Bc
	East Vassalboro, Me.	
CHAPMAN, William Dewson		G.H.
	Wellesley Farm, Sutton–West, Ontario, Canada	
CHEYETTE, Herbert Basil		28 Bc
	646 Locust Street, Indiana, Pa.	
CLARK, Donald Engle		Day
	122 Ardmore Avenue, Ardmore, Pa.	
CLARK, William Richmond		22 Bs
	Box No. 81, Williamstown, Mass.	
CLAYTON, Robert Francis, Jr.		3 L
	49 E. Providence Road, Lansdowne, Pa.	
CLEMENT, Frederick Tomson		8 L
	407 Woodland Avenue, Wayne, Pa.	
CLOS, John Pulver		14 M
	95–A Glenwood Avenue, Jersey City, N. J.	
COALE, Edgar Bellville		15 M
	521 E. Mermaid Lane, Philadelphia, Pa.	
COLE, Don Hagler		52 Bn
	1210 E. 19th Street, Tulsa, Okla.	
COLKET, Tristram Coffin, 3rd		4 L
	835 Mt. Moro Road, Villa Nova, Pa.	
COLLIER, Reginald Bruce		61 Bn
	7 Negus Street, Webster, Mass.	
COLLINS, Benjamin McVickar		2 F
	Broadlea Farm, Rhinebeck, N. Y.	
COLMAN, George Dickson		53 Bn
	159 Chapin Street, Binghamton, N. Y.	
COOPER, Brooks Baxter		Day
	521 Panmure Road, Haverford, Pa.	
COOPER, Everett Bruen		Day
	115 E. 5th Avenue, Conshohocken, Pa.	
COPE, Paul Markley		9–521
	Hotel Morton, Atlantic City, N. J.	
COPE, Walter Harvey		Day
	Hotel Morton, Atlantic City, N. J.	
	Local Address: 768 College Avenue, Haverford, Pa.	
	% Dr. Theodore Hetzel	
CORNELL, Edward Hussey Binns		Day
	Buck Lane, Haverford, Pa.	
COUCH, Richard Arden		G.H.
	601 Clearview Avenue, Pittsburgh 5, Pa.	
COWAN, William Edgar		9–746
	3220 Cove Road, Merchantville, N. J.	
CROLIUS, Thomas Potter		Day
	The Manor, Alden Park, Philadelphia, Pa.	
CROSMAN, Dorland Loring		Day
	736 Railroad Avenue, Bryn Mawr, Pa.	
CULBERT, Craig Dunlap		Day
	26 Chatham Road, Ardmore, Pa.	
CUNNINGHAM, Bradley, III		12 M
	3509 "O" Street, N. W., Washington, D. C.	

D

DAUDON, Marc Daniel ..... 17 L
623 Walnut Lane, Haverford, Pa.
DAVENPORT, Robert Montgomery ..... Day
1825 Green Street, Philadelphia 30, Pa.
DAVIES, David Elwyn 12–521
3012–44th Street, N. W., Washington 16, D. C.
DAVIS, Alan Marvin ..... 4 Bs
1401 Beach 28th St., Far Rockaway, N. Y.
DAVIS, John Gilman ..... 13 L
76 Brooks Street, West Medford, Mass.
DEITSCH, Peter Herbert ..... 6 L
Ritz Tower, Park Avenue at 57th Street, New York City, N. Y.
DEITZ, James Gilbert ..... 53 Bn
135 Bompart Avenue, Webster Grove 19, Mo.
DELP, William Taylor ..... 10 L
520 Derstine Avenue, Lansdale, Pa.
DE MARCO, Michael Charles ..... Day
7201 N. Broad Street, Philadelphia 26, Pa.
DE SCHWEINITZ, George Lord, Jr. ..... 14 L
R. D. 2, Bethlehem, Pa.
DI GIOVANNI, Carmen ..... Day
1036 Montgomery Avenue, Narberth, Pa.
DI PHILLIPO, Anthony John ..... Day
26 Edgemont Avenue, Clifton Heights, Pa.
DISBROW, Donald Willis ..... 72 Bn
R. D. 3, Dundee, N. Y.
DOANE, John Winthrop ..... 4 G.H.
316 Stanwood Street, Philadelphia 11, Pa.
DOANE, Robert Fay ..... 37 Bc
127 Harrison Avenue, Glenside, Pa.
DORN, Richard Kenneth ..... Day
6140 Nassau Road, Philadelphia, Pa.
DOWNING, George Valentine, Jr. ..... 103 M.A.
427 Market Street, Salem, Va.
DRAGSTEDT, Lester Reynold, II ..... 53 Bn
5200 Greenwood Avenue, Chicago, Ill.
DRAKE, Charles Daniel ..... 14 L
47 Main Street, Franklin, N. J.
DURLING, James Alger ..... 27 L
154 Main Street, Wadsworth, Ohio
DVORKEN, Henry Jacob ..... 14 F
435 W. 5th Avenue, Roselle, N. J.
DYER, Kimball Decker ..... 13 Bs
14114 Grandmont Road, Detroit, Mich.
DYSON, John Colter ..... 52 Bn
1426 Harlem Boulevard, Rockford, Ill.

E

EASTMAN, Albert Theodore ..... 52 Bn
1544 Columbus Avenue, Burlingame, Calif.
ECHIKSON, Edward ..... 33 L
31 Midland Boulevard, Maplewood, N. J.
EDGERTON, Charles Willis, Jr. ..... 30 L
College Avenue, Haverford, Pa.
EDGERTON, Hugh McIlvain ..... Bc T.E.
College Avenue, Haverford, Pa.
EDGERTON, Robert ..... 2 L
College Avenue, Haverford, Pa.
EDMONDS, Thomas Hartley ..... 61 Bn
Box 225, Goldens Bridge, N. Y.

Name	Home Address	College Address
ELKINGTON, Peter West		Day
	6514 Germantown Avenue, Philadelphia 19, Pa.	
ELLIOTT, Ralph Menges		3–746
	19 Grace Court, Brooklyn, N. Y.	
ESTEY, John Sherman		5 L
	Overbridge Farm, Ephrata, Pa.	

F

FALTERMAYER, Edmund Kase		G.H.
	46 E. Gowen Avenue, Philadelphia, Pa.	
FEIL, John Philip		2–746
	Alger Court, Bronxville, N. Y.	
FEROE, Barton Kenneth		Day
	213 Marlboro Road, Ardmore, Pa.	
FEROE, Richard Alan		6 Bs
	327 Highland Road, Pottstown, Pa.	
FLAHERTY, Joseph Paul, Jr.		12–521
	286 Trent Road, Penn Wynne, Pa.	
FLEMING, Thomas Talbot		21 L
	E. Valley Green Road, Flourtown, Pa.	
FLETCHER, Richard McClurg		58 Bn
	3112 "O" Street, N. W., Washington 7, D. C.	
FLINT, Peter Boone		60 Bn
	61 W. 9th Street, New York 11, N. Y.	
FOSTER, James Henry		11 L
	88 Blake Road, Hamden, Conn.	
FOX, Samuel Tucker, 3rd		Day
	164 Pennsylvania Avenue, Bryn Mawr, Pa.	
FREEMAN, Murray Fox		Day
	Thistle Run, Gladwyn, Pa.	
FRIEDRICH, Gerhard Gunter		23 F
	49 Kenilworth Street, Pittsfield, Mass.	

G

GAGER, Forrest Lee, Jr.		Day
	719 E. Willow Grove Avenue, Philadelphia, Pa.	
GAILEY, John Robert, Jr.		37 Bc
	401 Roosevelt Avenue, Apt. A., York, Pa.	
GARDNER, Kenneth Adelman		12 L
	2214 Forest Glen Road, Pittsburgh 17, Pa.	
GARRETT, Philip Cresson, II		36 Bc
	Lincoln Highway, Malvern, Pa.	
GATELY, Edward Joseph, Jr.		11 L
	476 Fair Street, Providence 5, R. I.	
GEBHARDT, John Frank		15 L
	140 E. 29th Street, Erie, Pa.	
GEIGES, Charles Kirkwood		21 F
	124 Hastings Avenue, Upper Darby, Pa.	
GEOFFROY, Charles Henry		19 L
	509 Wilde Avenue, Drexel Hill, Pa.	
GERLACH, Thomas Bradfield		68 Bn
	1526 N. 15th Street, Philadelphia, Pa.	
GILBERT, Charles Edward		61 Bn
	3 Glendale Avenue, Delmar, N. Y.	
GILMOUR, Richard Malcolm		33 Bc
	249 Green Avenue, Lansdowne, Pa.	
GINSBURG, Silas Jay		7 M
	5317 N. 16th Street, Philadelphia, Pa.	
GOOD, Anson Bixler		11–521
	141 Snider Avenue, Waynesboro, Pa.	
GOODMAN, I. Robert		12 F
	3749 Nortonia Road, Baltimore 16, Md.	

Name	Home Address	College Address
GORHAM, William Kane, III		10 M
	3346 Tilden Street, Philadelphia 29, Pa.	
GOULD, Stanley Benton		12 L
	3505 Edgewood Road, Baltimore, Md.	
GRAFF, Thomas Douglas		9–746
	Sugartown Road, Paoli, Pa.	
GRAHAM, Roland Boswell, Jr.		Day
	7802 Lincoln Drive, Philadelphia 18, Pa.	
GRAHAME, Edward Lennox		G.H.
	6411 Grays Avenue, Philadelphia, Pa.	
GREENWALD, Stanley Morton		21 F
	2847 N. 22nd Street, Philadelphia 32, Pa.	
GRIER, Jesse		38 Bc
	134 Irwin Avenue, Ben Avon, Pittsburgh, Pa.	
GRISTE, Richard DeHaven		Day
	6111 Lebanon Avenue, Philadelphia 31, Pa.	
GROSHOLZ, James Richard		Day
	% J. D. Burnham, Radnor and Gulph Roads, Wayne, Pa.	
GROSSMAN, Alfred Durant		35 Bc
	10 Wakeman Place, Larchmont, N. Y.	

H

HAGNER, George Wills, Jr.		Day
	251 W. Harvey Street, Philadelphia 44, Pa.	
HAMILTON, Richard Truitt		Day
	856 County Line Road, Bryn Mawr, Pa.	
HAMMOND, Stanley George		Bc T.E.
	104 Park Road, Llanerch, Pa.	
HAND, Thomas Spencer		54 Bn
	1 Holmcrest Road, Jenkintown, Pa.	
HANDY, Edward Haven, Jr.		L.H.
	19 Bradford Street, Needham, Mass.	
HARDEN, David Stewart		30 L
	341 E. Main Street, Moorestown, N. J.	
HARDEN, Robert Schermerhorn		30 L
	341 E. Main Street, Moorestown, N. J.	
HARKINS, Richard Stewart		8 M
	6208 N. 6th Street, Philadelphia, Pa.	
HARPER, Lee Richard		50 Bn
	190 Crowell Avenue, Staten Island 2, N. Y.	
HARPER, Robert		24 L
	190 Crowell Avenue, Staten Island 2, N. Y.	
HARRER, John Morrison		Day
	7138 Cresheim Road, Mt. Airy, Philadelphia, Pa.	
HARRER, Susan Smith		Day
	7138 Cresheim Road, Mt. Airy, Philadelphia, Pa.	
HARRIS, William Hamilton		34 L
	204 N. 17th Street, Camp Hill, Pa.	
HARVEY, Randolph Charles		19 L
	112 Chamounix Road, St. Davids, Pa.	
HASTINGS, David Spencer		69 Bn
	79 Connecticut Avenue, Kensington, Md.	
HAUSER, John Norman		36 L
	7443 Oakhill Avenue, Wauwatosa, Wis.	
HAWKINS, Lee Wyeth		20 L
	4949 Quebec Street, N. W., Washington, D. C.	
HAYES, Donald		Day
	113 Sharon Avenue, Collingdale, Pa.	
HAZELWOOD, Robert Nichols		25 L
	3405 N. Hackett Avenue, Milwaukee 11, Wis.	

Name	Home Address	College Address
HEALEY, Robert Joseph	Bryn Mawr Gables, Bryn Mawr, Pa.	Day
HEBERTON, Craig, 3rd	182 Lakeside Road, Ardmore, Pa.	Day
HENDERSON, Robert Earl	306 Lincoln Avenue, New Castle, Pa.	29 L
HENDON, Robert Randall	1208 N. Pitt Street, Alexandria, Va.	L.H.
HENKELS, John Bernard, 3rd	446 Church Lane, Philadelphia 44, Pa.	L.H.
HENKELS, Paul MacAllister, II	446 Church Lane, Philadelphia 44, Pa.	26 L
HENNE, John Kraffert	332 W. Oak Street, Titusville, Pa.	32 L
HERMAN, David Ovenden	5510 Roland Avenue, Baltimore 10, Md.	28 Bc
HERTER, Theophilus John	232 Wendover Drive, Westgate Hills, Upper Darby, Pa.	Day
HICKMAN, Hoyt Leon	829 Osage Road, Mt. Lebanon, Pa.	29 L
HILL, Robert White	84 Kenilworth Avenue, Garrett Park, Md.	L.H.
HOBART, John Hampden	11 Oldfield Avenue, Apt. 6, Montreal, Canada	66 Bn
HOFFMAN, George L., Jr.	301 S. Linden Avenue, Pittsburgh, Pa.	1–746
HOLLINGSHEAD, Irving, Jr.	309 Chestnut Street, Moorestown, N. J.	67 Bn
HOLMES, Robert William	720 Millbrook Lane, Haverford, Pa.	Day
HOOD, Henry German, Jr.	3308 Warden Drive, Philadelphia 29, Pa.	G.H.
HOOPES, John Robison, Jr.	5500 Moorland Lane, Bethesda, Md.	Bc T.W.
HOPKINS, Frank Thomas	316 Thornhill Road, Baltimore 12, Md.	12 L
HOSKINS, Robert Graham	86 Barick Road, Waban 68, Mass.	L.H.
HOUGH, William Jarrett Hallowell, Jr.	60 E. Butler Avenue, Ambler, Pa.	24 L
HOWE, Gerald Shropshire	1038 31st Street, N. W., Washington, D. C.	109–111 M.A.
HUGHES, Charles Martin	321 E. Second Street, Lansdale, Pa.	21 b–F
HUME, Harry Alan	550 Beverly Road, Upper Darby, Pa.	Day
HUTCHINSON, Ernest Charles	101 Grandview Road, Ardmore, Pa.	Day

I

IMHOF, Lawrence George	678 Richmond Road, Staten Island 4, N. Y.	50 Bn

J

JACKSON, Ralph Barnes	28 Grove Street, Adams, Mass.	13 M
JACOB, James Archibald, Jr.	1310 Pleasant Avenue, Wellsburg, W. Va.	21 L
JACOBS, Denholm Muir	Crum Creek Farm, Devon, Pa.	Day

Name	Home Address	College Address
JACOBS, George Wayne, Jr.		5–746
	% Mrs. L. R. Kinnard, 25 Fifth Avenue, New York	
JAMESON, Thomas Edward		2–746
	505 N. Lake Street, Carlsbad, N. M.	
JAMISON, Edgar Merritt, Jr.		60 Bn
	11 Canterbury Court, Toledo 6, Ohio	
JOHNSON, James Dexter		5 L
	250 S. Brentwood, Clayton, Mo.	
JOHNSON, Lewis Marshall		11 Bs
	R. R. 2, Box 263, Jeffersontown, Ky.	
JOHNSON, Richard Schaper		31 L
	328 W. 22nd Street, Erie, Pa.	
JOHNSON, Victor Lawrence		13 L
	1007 Valley Road, Melrose Park, Pa.	
JOHNSTON, Robert James, Jr.		Day
	510 W. Montgomery Avenue, Haverford, Pa.	
JONES, Aldred Wilson		30 Bc
	616 Regester Avenue, Baltimore 12, Md.	
JONES, Arthur Edward		32 Bc
	139 Ellis Road, Havertown, Pa.	
JONES, Corson		Bc T.E.
	9 Hesketh Street, Chevy Chase, Md.	
JONES, Evan Gordon Newton		L.H.
	Hectors River P. O., Jamaica, B. W. I.	

K

KATZ, John Zadoch		33 L
	2609 Talbot Road, Baltimore 16, Md.	
KELLY, Paul Sherwood		15 L
	118 W. 36th Street, Erie, Pa.	
KENNEDY, Francis Richard, Jr.		38 Bc
	810 High Street, Paris, Ky.	
KIMMICH, Homer Marshall		Day
	505 Lancaster Avenue, Haverford, Pa.	
KINDLER, Don		1 L
	Jessups, Md.	
KING, Milton Paul		Day
	2509 N. 31st Street, Philadelphia, Pa.	
KIRK, Robert Louis		5 Bs
	20 W. Baltimore Avenue, Media, Pa.	
KIRKPATRICK, Richard Bruce		4 F
	206 Oak Street, Butler, Pa.	
KLEIN, Edwin Benedict, Jr.		5 Bs
	231 Bedford Road, Pleasantville, N. Y.	
KLEIN, Gilbert Wood		Day
	Mt. Pleasant Avenue and Panorama Road, Villa Nova, Pa.	
KLEIN, Robert Anderson		5 Bs
	231 Bedford Road, Pleasantville, N. Y.	
KNOWLTON, Andrew Mutch		Day
	126 Sharon Avenue, Sharon Hill, Pa.	
KONOWITZ, David Bernard		7 M
	85–21 Homelawn Street, Jamaica, L. I., N. Y.	

L

LAITY, David Sanford		68 Bn
	105 Elliott Place, East Orange, N. J.	
LAITY, Richard Warren		69 Bn
	105 Elliott Place, East Orange, N. J.	
LAITY, Walter Asbury		G.H.
	105 Elliott Place, East Orange, N. J.	
LAMBERT, Richard Meredith		15 F
	104 Webster Avenue, Wyncote, Pa.	

Name	Home Address	College Address
LANGSTON, Thomas Dinsmore		Day
	621 Malvern Road, Ardmore, Pa.	
LARSON, John Walter		1–746
	87 E. Jessamine Avenue, St. Paul, Minn.	
LASDAY, Harrison Robert		27 L
	1322 Sq. Hill Avenue, Pittsburgh, Pa.	
LASH, William Stanley Mallory		22 F
	R. R. 1, Fonthill, Ontario, Canada	
LAWTON, Mortimer Powell		Day
	1301 Durand Drive, Atlanta, Ga.	
	Local Address: 785 College Avenue, Haverford, Pa.	
	% Dr. Richard M. Sutton	
LEA, Sperry		1–746
	Lake Success, N. Y.	
LEAMAN, George Arthur		L.H.
	40 Fifth Avenue, Apt. 7d, New York City, N. Y.	
LEE, William Marshall		10 L
	21 Park Lane, E. Walpole, Mass.	
LENTON, Charles Trewartha, Jr.		Day
	1725 N. Edgewood Street, Philadelphia, Pa.	
LESLIE, Alexander Moir		L.H.
	116 E. 53rd Street, New York 22, N. Y.	
LEUCHTER, Ben Zion		3 L
	East Park Avenue, Vineland, N. J.	
LEVINSON, Henry Walter		1 L
	4724 Sansom Street, Philadelphia 39, Pa.	
LI, Ta-Kuang		Day
	285 Riverside Drive, New York 25, New York	
	Local Address: 322 Locust Avenue, Ardmore, Pa. % Mrs. MacConnel	
LICHTEN, William Lewis		Day
	205 W. Tulpehocken Street, Philadelphia 44, Pa.	
	Local Address: Swarthmore College, Swarthmore, Pa.	
LIMBER, Wayne Stevenson		67 Bn
	166 Elm Street, Montpelier, Vt.	
LIND, Inge-Rolv		42 Bs
	Valkyriegt 21.4, Oslo, Norway	
LINTHICUM, William Abner, Jr.		58 Bn
	110 S. Washington Street, Rockville, Md.	
LONGACRE, Jacob Andrews		7–746
	115 N. Reading Avenue, Boyertown, Pa.	
LONGSTRETH, Frank Hoover		Day
	31 Railroad Avenue, Haverford, Pa.	
LORENTZEN, Richard Peter		1 Bs
	4601 Waveland Court, Des Moines, Iowa	
LUCAS, Robert Moreland		28 L
	Main Street, Cedarville, N. J.	
LUCINE, Andrew Deran		Day
	Centennial Road, Penn Valley, Philadelphia 27, Pa.	
LYCETT, Isaac Cate, Jr.		13 Bs
	"Seldom Come By," Owings Mills, Md.	
LYNCH, Harold Vincent, Jr.		25 Bc
	7203 Cresheim Road, Philadelphia, Pa.	

M

MacINTOSH, Walter Bruce, Jr.		13 Bs
	Allentown, Pa.	
MAGILL, Donald Adair		34 Bc
	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	
MANWILLER, Karl Samuel, Jr.		60 Bn
	654 Arbor Road, Yeadon, Pa.	

Name	Home Address	College Address
MAQUINAY, Robert		6–7-46
	% H. Atwood, 30 Rockefeller Plaza, Room 2213, New York 20, N. Y.	
MARONEY, Philip Marvel		Day
	437 Berkley Road, Haverford, Pa.	
MARTIN, Donald Beckwith		Day
	2948 Oakford Road, Ardmore, Pa.	
MARTIN, Frank Bucha, Jr.		20 F
	822–15th Avenue, Prospect Park, Pa.	
MARVIN, Cloyd		14 M
	2601–30th Street, N. W., Washington, D. C.	
MASON, Samuel, 3rd		40 Bc
	Darlington, Md.	
MASSEY, Parke Duncan		111–116 M.A.
	143 E. 60th Street, New York, N. Y.	
MATEER, George Diehl, Jr.		Day
	2932 Rising Sun Road, Ardmore, Pa.	
MATLACK, Charles William		G.H.
	King's Highway, Moorestown, N. J.	
McCANDLISS, Donald Henry		1–7-46
	Station A, Trenton, N. J.	
McCLOUD, John Madison		Day
	% Dr. Howard Comfort, 5 College Circle, Haverford, Pa.	
McDONALD, Frank Hill		Day
	601 Brookstown Avenue, Winston-Salem, N. C.	
	Local Address: Pendle Hill, Wallingford, Pa.	
McGUIRE, Charles Robison		Bc T.E.
	3310 Warrington Road, Shaker Heights, Ohio	
McILHENNY, William John		Day
	6822 Rodney Street, Philadelphia 38, Pa.	
McKINLEY, Richard Smallbrook, III		9–7-46
	Arnold Inn, Northampton, Mass.	
McLAUGHLIN, John Gerald, Jr.		9 L
	10 Lowell Avenue, Floral Park, N. Y.	
MEAD, George Nathaniel Jackson		Day
	2006 Pine Street, Philadelphia, Pa.	
MELCHIOR, Charles Montfort		Day
	240 W. Montgomery Avenue, Haverford, Pa.	
MELDRUM, Donald Nichol		Day
	747 College Avenue, Haverford, Pa.	
METCALFE, Richard John		11 L
	397 May Street, Worcester, Mass.	
MILLER, Bruce Marten		35 L
	% Ward, 1608 Upshur, N. W., Washington, D. C.	
MILLER, James Quinter		67 Bn
	10 Manor Drive, Tuckahoe 7, N. Y.	
MILLER, Stephen Raben		13 L
	1501 Undercliff Avenue, Bronx 53, N. Y.	
MILLER, William Henry		21 Bs
	7703 Crossland Road, Pikesville 8, Md.	
MOHN, William Harbester		23 L
	Valmont Farms, Robesonia, Pa.	
MOLZAHN, Klaus George		Day
	16 McPherson Street, Philadelphia 19, Pa.	
MONTGOMERY, Andrew Thompson		63 Bn
	4447 Hawthorne Street, N. W., Washington 16, D. C.	
MONTGOMERY, DeWitt Hall, Jr.		2 L
	1617 S. Pasfield, Springfield, Ill.	
MOORE, Warren, Jr.		106 M.A.
	Bon Air, Va.	

Name | Home Address | College Address

MORRELL, Roger Merritt ..... 4 M
405 Vernon Road, Jenkintown, Pa.

MORRIS, Albert Gregory ..... 6 F
249 Woodbine Street, Brooklyn 21, N. Y.

MORRIS, Joseph Paul, Jr. ..... Day
604 Georges Lane, Ardmore, Pa.

MORRIS, Robert Lee ..... 71 Bn
90 Oakwood Avenue, Long Branch, N. J.

MOSER, Kenneth Miles ..... 6 M
2923 N. Charles Street, Baltimore 18, Md.

MURPHEY, Robert Wilson ..... Day
Tunbridge Road and College Avenue, Haverford, Pa.

MYERS, Gerald Eugene ..... Day
7 Charles Street, Meshanticut Park, R. I.
Local Address: 2936 Rising Sun Road, Ardmore, Pa. % Mr. John Mercer
Telephone: Ardmore 1438-W

MYERS, Richard Norman ..... Day
118 Coulter Avenue, Ardmore, Pa.

N

NAMY, Claude Albert ..... 4 G.H.
97 Brd. de la Resistance, Casablanca, Morocco

NASH, Henry Thomas ..... Day
116 Rockland Road, Merion, Pa.

NEUHAUS, Roland Charles ..... Day
66 W. Eagle Road, Havertown, Pa.

NEWLIN, William Harbold ..... Day
6 Buck Lane, Haverford, Pa. % Mrs. A. G. Dean

NEWMAN, Paul Freedman ..... 64 Bn
7 Balfour Circle, Lansdowne, Pa.

NICKLIN, George Leslie, Jr. ..... 24 F
Alden Park Manor, Philadelphia 44, Pa.

NOFER, George Hancock, 2nd ..... 15 Bs
632 W. Elkins Avenue, Philadelphia, Pa.

O

OBERHOLTZER, Wendell Woodward ..... Day
Mont Clare, Montgomery Co., Pa.

OLIVIER, Daniel Dretzka ..... G.H.
1303 John Street, Baltimore, Md.

OLMSTED, Peter Scott ..... 29 Bc
Moylan, Rose Valley, Pa.

OPPENHEIM, Daniel Payne ..... 31 Bc
3029 "O" Street, N. W., Washington 7, D. C.

OPPENHEIMER, Martin Julius ..... 31 Bc
3506 Bancroft Road, Baltimore 15, Md.

OSWALD, David Statton ..... 27 L
826 The Terrace, Hagerstown, Md.

OUELLETTE, Armand Roland ..... 8 M
29 Elmhurst Avenue, Highland Park, Mich.

P

PACKARD, Merlin Wadsworth ..... 66 Bn
Monmouth, Me.

PANCOAST, Charles Edward, III ..... Day
Cushman Road, Rosemont, Pa.

Name	Home Address	College Address
PARKE, Robert Gerber		15 L
	The Riverside, Cambridge Springs, Pa.	
PARKER, John Hunter		5–7 16
	Columbia Pike, R. 2, Ellicott City, Md.	
PARKES, Robert Irving, Jr.		12–521
	87 Ivy Way, Port Washington. N. Y.	
PARRAN, Richard Bentley		17 M
	3734 Oliver Street, N. W., Washington 15, D. C.	
PATTERSON, Edward Bell, Jr.		6 Bs
	34 Lenape Road, Colwick, Merchantville P. O., N. J.	
PEASE, Alfred Morgan, Jr.		3 Bs
	207 Bloomfield Avenue, W. Hartford, Conn.	
PEASE, William		10 M
	207 Bloomfield Avenue, W. Hartford, Conn.	
PEIFER, William Snare		14 Bs
	309 Santa Rita Apts., Atlantic City, N. J.	
PENNYPACKER, Edward Lane		Day
	203 Kings Highway, West, Haddonfield, N. J.	
PETERS, David Alexander		23 L
	45 N. 11th Street, Allentown, Pa.	
PHILLIPS, David Evan		15 Bs
	500 Lee Avenue, Webster Groves, Mo.	
PIERSON, John William, Jr.		Day
	1107 St. Paul Street, Baltimore, Md.	
	Local Address: 1906 Sansom Street, Philadelphia 3, Pa.	
PIERSON, Philip Milroy		17 M
	4452 Beacon Street, 2nd Apt., Chicago, Ill.	
PINCH, William, Jr.		29 L
	Hawthorne Farm, Libertyville, Ill.	
POST, Arnold Rae		Day
	9 College Lane, Haverford, Pa.	
POWER, Richard Wilson		28 L
	25 Pine Street, Canton, N. Y.	
PRICE, Robert Nelson		29 L
	4918 Hillbrook Lane, Washington 16, D. C.	
PRINS, Geert Caleb Ernst		107 M.A.
	630 Fifth Avenue, Room 1002, New York 20, N. Y.	
PROSSER, Robert Arthur		18 Bs
	2047 Green Street, Philadelphia 30, Pa.	

R

RADBILL, Hugh Russell		L.H.
	Moylan, Pa.	
RANKLIN, Richard Entwisle		24 L
	715 E. 20th Street, Chester, Pa.	
RAWNSLEY, Howard Melody		13 M
	416 Park Street, Ridley Park, Pa.	
REEDER, Rudolph Rex, Jr.		8 Bs
	2616 N. Lake Drive, Milwaukee 11, Wis.	
REITZEL, Nicolas Martin		41 Bc
	512 Harvard Avenue, Swarthmore, Pa.	
RENINGER, Charles William		6 M
	128 S. St. Cloud Street, Allentown, Pa.	
REYNOLDS, Edward Allan		1 F
	111 Spring Avenue, Chestertown, Md.	
REYNOLDS, James Conrad		16 L
	208 W. State Street, Kennett Square, Pa.	
RHOADS, William Lester, III		Day
	206 Harding Avenue, Havertown, Pa.	
RHUE, Frederick Folsom		Bc T.W.
	2547 N. Summit Avenue, Milwaukee, Wis.	

Name | Home Address | College Address

RICHIE, Douglas Hooten ..... 11 F
8 N. Main Street, Brewster, N. Y.

RICHIE, Robert Hooten, Jr. ..... 21 Bs
"Round Top," West Chester, Pa.

RICKERMAN, Henry George ..... Day
731 Panmure Road, Haverford, Pa.

RICKS, Richard Arnold, III ..... 7 b F
1506 Westwood Avenue, Richmond, Va.

RIDE, Dale Burdell ..... 10 Bs
840 22nd Street, Santa Monica, Calif.

RIDINGTON, Thomas MacKay ..... 14 M
349 E. Main Street, Lansdale, Pa.

RITCHIE, George Blake ..... 2 Bs
25 Gore Street, Wilkes-Barre, Pa.

ROBBINS, Leon Cleveland, Jr. 4–746
Elmer, N. J.

ROBERTSON, Robert Bruce Roche ..... 41 Bc
1334 Terry Avenue, Seattle 1, Wash.

ROBERTSON, Walter Gordon ..... 5 M
Box 164, R. 1, Port Blakely, Wash.

ROBINSON, Derrick Patrick Moore ..... 9 Bs
62 Moreland Avenue, Trenton, N. J.

ROBINSON, Richard Edward 12–521
Earlham College, Richmond, Ind.

RODEWALD, William Young ..... 8 M
508 Edgerton Place, Pittsburgh, Pa.

ROGOFF, Richard Caeser ..... 6 L
25 Eastern Parkway, Brooklyn, N. Y.

ROSE, Charles Oscar ..... 10 L
Rose Manor, East State Street, Doylestown, Pa.

ROSENTHAL, David Richard ..... 20 L
609 Reservoir Street, Baltimore 17, Md.

ROWE, David Knox ..... 8 Bs
5209 N. Sydenham Street, Philadelphia, Pa.

ROYER, Richard Bradley ..... Day
310 Brentford Road, Haverford, Pa.
Telephone: Ardmore 4466

RUDISILL, Rufus Clare, III ..... 4 M
352 Kenmore Avenue, Glenside, Pa.

RUFF, George Elson, Jr. ..... 36 L
234 W. Johnson Street, Philadelphia 44, Pa.

RUSSELL, Robert Masters ..... Day
Oakwood, Wenonah, N. J.
Local Address: 605 Railroad Avenue, Haverford, Pa. % Mr. Frank Ufford

S

ST. CLAIR, Albert Thurston, Jr. ..... 13 F
2301 W. 11th Street, Wilmington, Del.

SANGREE, Carl Michael, Jr. 7–746
% Drake, 702 Pennstone Road, Bryn Mawr, Pa.

SANGREE, Charles Spahr ..... 26 L
103 Madison Street, Wellsville, N. Y.

SATTERTHWAIT, Arnold Chase ..... Day
35 N. 6th Street, Reading, Pa.
Local Address: 757 College Avenue, Haverford, Pa. % Mrs. W. H. Collins

SCHLEGEL, Richard Arthur ..... 2 L
434 Sunset Road, West Reading, Pa.

SCHMIDT, Carl Frederic, Jr. ..... Day
517 Old Gulph Road, Penn Valley, Narberth, Pa.

SCHMIDT, Harry Haddon, Jr. ..... Day
1229 Wyngate Road, Wynnewood, Pa.

Name	Home Address	College Address
SCHNAARS, James Albert		Day
	Bettws-Y-Coed, Apt. 7, Bryn Mawr, Pa.	
SCHNEIDER, Stewart Porterfield		14 M
	14 Hathaway Lane, Verona, N. J.	
SCHUMAN, Richard Waldron		31 L
	2210 Forrest Glen Road, Pittsburgh 17, Pa.	
SCHWARTZ, William		33 L
	2921 E. Newport Avenue, Milwaukee 11, Wis.	
SCOTT, George Hubert		Day
	Church of the Redeemer, Bryn Mawr, Pa.	
SEDER, Eugene Isaac		Day
	5260 Center Avenue, Pittsburgh 6, Pa.	
	Local Address: 605 Railroad Avenue, Haverford, Pa. % Mr. Frank Ufford	
SEGAL, Arthur Gilbert		Day
	7801 Bayard Road, Philadelphia, Pa.	
SEGAL, Marvin		Day
	729 Snyder Avenue, Philadelphia 48, Pa.	
SEIFERT, Aurel Martin		11 M
	162 Kimball Terrace, Yonkers, N. Y.	
SELINGER, Maurice Arthur, Jr.		Bc T.W.
	1868 Columbia Road, Washington, D. C.	
SELLERS, Alexander Deacon		8 F
	6600 McCallum Street, Philadelphia, Pa.	
SENER, Joseph Ward, Jr.		8 Bs
	108 W. University Parkway, Baltimore, Md.	
SHAKESPEARE, Edward Oram		Day
	482 Sabine Avenue, Wynnewood, Pa.	
SHEARER, Charles Robert		Day
	7528 Rogers Ave., Highland Park, Del. Co., Pa.	
SHEPARD, Royal Francis, Jr.		16 L
	128 N. Mountain Avenue, Montclair, N. J.	
SHEPPARD, Charles Richard		8–746
	120 W. Cypress Street, Kennett Square, Pa.	
SHIELDS, Charles Agard		12 Bs
	Agard Farm, Torrington, Conn.	
SHIEN, Gi-Ming		Day
	Chungking, China	
	Local Address: Pendle Hill, Wallingford, Pa.	
SHOFFSTALL, Donald Hugh		18 L
	76 Chestnut Street, Maplewood, N. J.	
SINGER, Ellis Paul		38 L
	139 Tuscan Road, Maplewood, N. J.	
SMILEY, Francis Gerow, Jr.		108 M.A.
	Lake Mohonk, N. Y.	
SMITH, Allen John		8 M
	141 E. Market Street, York, Pa.	
SMITH, Drayton Mellor		7a F
	Germantown Manor 804, Hortter and Greene Streets, Philadelphia, Pa.	
SMITH, Merle Burleigh		4 L
	Box 74, Bolton Landing, N. Y.	
SMITH, Paul Reynolds		Day
	509 Brookview Lane, Havertown, Pa.	
SMITH, Robert Wadsworth		14 Bs
	49 Prospect Hill Avenue, Summit, N. J.	
SMYTH, Francis Scott, Jr.		30 Bc
	916 Jackling Drive, Burlingame, Calif.	
SNADER, Edward Roland, III		55 Bn
	547 Sussex Road, Wynnewood, Pa.	
SNIFFEN, Allan Mead		7 Bs
	25 S. Madison Avenue, Spring Valley, N. Y.	

Name	Home Address	College Address
SNIPES, Edgar Thomas		24 Bs
	Lincoln Highway, Morrisville, Pa.	
SPARKS, Donald Irving		Day
	1216 Garfield Avenue, Havertown, Pa.	
SPATZ, Richard Edwin		3 L
	West View, Pittsburgh 2, Pa.	
SPROULE, Joseph		68 Bn
	College Avenue and Darby Road, Haverford, Pa.	
STACKHOUSE, Robert Clinton		25 Bc
	57 N. Main Street, Medford, N. J.	
STANMYER, Joseph LeRoy, Jr.		16 M
	702 E. Willow Grove Avenue, Philadelphia, Pa.	
STARKWEATHER, Howard Warner, Jr.		35 L
	815 Augusta Road, Wilmington 67, Del.	
STEERE, Paul Winsor		L.H.
	409 E. Ridge Street, Marquette, Mich.	
STERN, Harris Irving		16 M
	1213 Stratford Avenue, Melrose Park, Philadelphia 26, Pa.	
STETTENHEIM, Peter Rich		16 Bs
	901 Lexington Avenue, New York 21, N. Y.	
STEVENS, Thomas McConnell		Day
	405 State Road, Bala-Cynwyd, Pa.	
STEWART, David William, II		Day
	117 St. Paul's Road, Ardmore, Pa.	
STONE, John Alexander		Day
	349 W. 85th Street, New York, N. Y.	
	Local Address: 773 College Avenue, Haverford, Pa. % Dr. Frank Watson	
STOTT, Paul Richard		39 Bc
	905 S. Main Street, Newark, N. Y.	
STREETER, Edward, Jr.		20 Bs
	447 E. 57th Street, New York City, N. Y.	
STROHL, Harold Frederick		Day
	24 E. Clearfield Road, Havertown, Pa.	
STUART, Spencer Raymond		7 L
	10943 Longwood Drive, Chicago 43, Ill.	
SUTOR, James Frederick		Day
	6710 Anderson Street, Philadelphia, Pa.	
SUYDAM, William Edward		Day
	Pennokla Farm, Malvern, Pa.	
SWARTLEY, Ray Moyer		36 Bc
	Woodland Drive, Lansdale, Pa.	
SWARTLEY, William Moyer		36 L
	Woodland Drive, Lansdale, Pa.	

T

TAGGART, George Webster		19 L
	1245 E. Broad Street, Hazleton, Pa.	
TANAKA, Augustus Masashi		104 M.A.
	591 S. E. Second Street, Ontario, Ore.	
TATNALL, Runcie Lea, Jr.		Day
	26 Hilltop Road, Philadelphia 18, Pa.	
TAYLOR, Richard Clark		12 M
	713 Cameron Street, Alexandria, Va.	
TEST, Edward Webster		17 F
	Whitemarsh Road, Philadelphia 18, Pa.	
THAWLEY, Stanley Brevoort		28 L
	245 N. Somerset Avenue, Crisfield, Md.	
THOMAS, John Paca		Day
	212 W. Highland Avenue, Chestnut Hill, Pa.	
THOMAS, Sergei Cleaver		29 Bc
	149 Lincoln Avenue, Newark 4, N. J.	

Name	Home Address	College Address
THORPE, James Hancock		38 L
	2822–211th Street, Bayside, N. Y.	
TILLEY, David Campbell		15 Bs
	7 Plaza Street, Brooklyn 17, N. Y.	
TODD, Thomas Abbot		4 F
	Serpentine Lane, Wyncote, Pa.	
TODD, William Ewell, Jr.		22 Bs
	3609 Warren Road, Cleveland, Ohio	
TOLAN, David John		62 Bn
	2951 N. Marietta Avenue, Milwaukee 11, Wis.	
TRAVERS, John Edwin		3–746
	715 Delaware Avenue, Buffalo 9, N. Y.	
TURNER, Conrad William		L.H.
	307 Hamilton Road, Wynnewood, Pa.	
TUTTLE, Edwin Ellsworth		34 I
	76 Hillcrest Avenue, Summit, N. J.	
TYCHANICH, John Dimitri		12 L
	53 Balmforth Avenue, Danbury, Conn.	

V

VAIL, Philip Cresson		30 F
	502 W. Front Street, Media, Pa.	
VALENTINE, Richard Silsbee		Day
	130 N. Allegheny Avenue, Bellefonte, Pa.	
	Local Address: 111 Mon Dela Avenue, Bryn Mawr, Pa.	
	% Mrs. Herman C. Giersch	
VAN ARKEL, Bernard		Day
	960 Glenbrook Road, Bryn Mawr, Pa.	
VAN HOLLEN, Christopher		8 L
	Bellona Avenue and Cedarcroft Road, Baltimore, Md.	
VELTE, Robert Hulley		42 Bc
	226 Huntley Road, Upper Darby, Pa.	
VINSINGER, Henry Edwin, Jr.		Day
	78 W. Park Place, Newark, Delaware	
	Local Address: 773 College Avenue, Haverford, Pa. % Dr. Frank Watson	
VITELLO, John Arthur		14 Bs
	761 W. Main Street, Rochester 11, N. Y.	
VOGEL, William Whitten		Day
	218 Avon Road, Narberth, Pa.	

W

WAGNER, Daniel Hobson		39 Bc
	10 Conestoga Road, Berwyn, Pa.	
WALKER, Ian Gordon		51 Bn
	Frog Hollow Road, Rydal, Pa.	
WALKER, Richard Alan		21 Bc
	Newton, R. D. 2, Bucks County, Pa.	
WALNUT, Francis Kane		16 F
	1 Lehman Lane, Philadelphia, Pa.	
WARNER, William Hamer		16 Bs
	1344 Denniston Street, Pittsburgh 17, Pa.	
WARNKEN, Henry Frederick		7 b F
	81 Chestnut Street, Oneonta, N. Y.	
WATKINS, Richard Walker		105 M.A.
	1120 N. Highland Avenue, Pittsburgh, Pa.	
WHEELER, Edward Stubbs		34 L
	Greencastle, R. D. 3, Pa.	
WHITALL, Richard		Bc T.W.
	211 E. 49th Street, New York City 17, N. Y.	
WHITALL, Walter Brinton		59 Bn
	5363 Magnolia Avenue, Philadelphia 44, Pa.	

Name | Home Address | College Address

WHITBY, William Melcher ..... Day
127 E. Upsal Street, Philadelphia 19, Pa.

WHITCOMB, Harold Clark, Jr. ..... 22 L
337 N. 25th Street, Camp Hill, Pa.

WHITE, Robert Blackistone ..... Day
655 Fern Street, Yeadon, Pa.

WHITE, Robert Phillips ..... Day
464 Turner Avenue, Drexel Hill, Pa.

WHITMAN, John Turner ..... 20 L
Nashawtuc Hill, Concord, Mass.

WICKHAM, Robert Saunderson, II ..... Day
Devon, Pa.

WIDMER, Robert James ..... Day
% R. S. Strawbridge, Box 66, Bryn Mawr, Pa.

WIGFIELD, Harvey ..... 18 L
170 Dickson Avenue, Patterson, N. J.

WIGHTMAN, Arthur Harvey ..... 7 Bs
1025 Grand Avenue, Keokuk, Iowa

WILCOX, John Rogers ..... 16 L
127 South West Street, Allentown, Pa.

WILLIAMS, Robert Deland ..... Day
710 Pennstone Road, Bryn Mawr, Pa.

WILSON, David Ryder ..... 110–112 M.A.
Shilmark, Mass.

WILSON, Ernest Staton, Jr. ..... 59 Bn
Walnut Lane and Ridge Road, Wilmington 278, Del.

WINDER, David Allen ..... 30 F
7200 Hazel Avenue, Upper Darby, Pa.

WINGERD, Robert Aitken ..... 32 L
Edgar Avenue and Riddle Road, Chambersburg, Pa.

WIRES, John Stanley 10–521
45 Windsor Road, Wellesley Hills, Mass.

WOOD, Harry Dunseth ..... 25 L
1321 E. 56th Street, Chicago 37, Ill.

WOOD, Horatio C., 4th ..... 16 Bs
Box 248, Arden Road, Radnor, Pa.

WOOD, James ..... 59 Bn
"Braewold," Mt. Kisco, N. Y.

WORMAN, William George ..... Day
1033 Rawson Place, Fremont, Ohio
Local Address: 605 Railroad Avenue, Haverford, Pa. % Mr. Frank Ufford

WRIGHT, Daniel Ranney ..... 101 M.A.
3310 W. 131st Street, Cleveland 11, Ohio

WRIGHT, James Boyer ..... 38 Bc
7008 Wayne Avenue, Upper Darby, Pa.

WRIGHT, Theodore Craig ..... 22 F
107 Lee Avenue, Trenton, N. J.

Y

YOUNG, Calvin Lessey ..... 5 L
3743 Nortonia Road, Baltimore, Md.

YOUNG, Llewellyn Powers ..... 9 L
Southern Pines, N. C.

Z

ZIMMERMAN, Thomas Carskadon ..... 32 L
719 Winsons Way, Baltimore, Md.

ZWEIFLER, Nathan Joseph ..... 22 L
46 Wilbur Avenue, Newark 8, N. J.

Press of

INNES & SONS
Philadelphia, Pa.
U. S. A.

Issued October, November, December and February by Haverford College, Haverford, Pa.

Entered as second-class matter November 2, 1944 at the Post Office of Haverford, Pa., under the act of August 24, 1912.

HAVERFORD COLLEGE BULLETIN

REPORTS OF
ACTING PRESIDENT
AND
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1945-1946

VOLUME XLV NUMBER TWO

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VOLUME XLV NUMBER TWO

November 1946

REPORT OF THE ACTING PRESIDENT AND THE PRESIDENT

Presented at the
Annual Meeting of the Corporation
of Haverford College
October 15, 1946

THE College year 1945-46 was a year of transition. As the first post-war year, it saw the end of war-time acceleration and the end of a sparse and unbalanced enrollment. The student body expanded rapidly to reach this autumn its largest size in the history of Haverford. New and heavy demands were placed upon the faculty and upon the physical plant. Plans were laid for far-reaching improvement in the basic college curriculum.

During all but the past forty-five days of that difficult period the College administration was in the hands of Archibald MacIntosh as Acting President. To him, your new president expresses warm appreciation for the balanced and judicious guidance which he has given Haverford affairs. His quiet service in the interest of the College has held the Faculty together, and has maintained the high standards of admissions and of academic performance which have marked Haverford over the years.

With him, your president regards the present state of the College as suited to offering its students a sound liberal arts training. We feel that the College is solving wisely the problem most urgently confronting American educators today. That is the problem of how best to help the immense number of students who are asking for a college education and who cannot be cared for in the normal college and university facilities. To meet that demand, emergency facilities are being created throughout the United States. In many places this means barracks as dormitories, temporary campuses lacking in library and laboratory facilities, inexperienced instructors, and classes numbered in the hundreds. At Haverford we have admitted and made space for the largest student body ever handled in the College. All students who had been absent in humanitarian or military service have been re-

admitted. At the same time we have refused to allow any important deterioration in teaching methods or in the social and spiritual life of the College. Classes continue to be small. Experienced and competent men serve as instructors. Although the dormitories are crowded, there is a healthy, vigorous student life. This solution, in which solid teaching can be afforded to a modestly increased number of men, is, we believe, more in the public interest than offering superficial and disorganized instruction to a greatly increased number. It is a costly solution but abundantly warranted.

At a later date we shall report upon other policies which we feel to be essential to the full, fruitful service of the College. This report is concerned with the progress during the past year, and while it comes from us jointly, it is primarily a record of the administration of Acting President MacIntosh.

STUDENT ENROLLMENT

The increase in the size of the student body, predicted last October, began to take place in January when 108 men were admitted. From the middle of the year on, the Admissions Office was deluged with applications. There was no relief from this situation until College opened on September 18th with a student body of 492 as compared with 172 at the same time last year.

The application list for 1947 has already assumed formidable proportions. There have been many inquiries as to the possibility of February admissions. Though a number of men now in College will finish at that time, their places will be filled by former students whose discharges will come through in the fall, and to whom we are committed. The present enrollment makes the admission of anything resembling a new class impossible even if, from the point of view of policy, we thought it advisable.

A comparison of our present enrollment figures with 1944 and 1945 is:

Fall Semester 1944	125	
Fall Semester 1945	172	280
Admitted at Mid-Year 1946	108	
Fall Semester 1946	492	

The student body this year represents 27 states, as compared with 21 a year ago. In addition, the following are represented: Belgium, Canada, China, Costa Rica, England, France, Jamaica, Mexico, Morocco and Norway.

Undergraduates who are members of the Society of Friends number 70, or 14.3 per cent of the total.

There follows a comparative table of registration by departments, the sharp increase in English, Philosophy and Sociology being worthy of note.

Department	*Registrations*						
	1946	1945	1944	1943	1942	1941	1940
Art	6	0	0	1	3	14	19
Astronomy	12	1	0	1	15	22	43
Biblical Literature	33	1	12	3	12	18	27
Biology	93	61	32	46	66	81	92
Chemistry	193	79	54	78	228	224	180
Economics	115	30	22	27	124	147	155
Engineering	43	17	15	25	95	74	62
English	323	151	101	77	195	224	187
French	107	43	26	25	36	64	93
German	140	56	59	52	117	100	111
Government	148	31	36	34	94	100	121
Greek	30	2	7	6	24	18	12
History	208	94	60	45	98	143	156
Italian	5	0	0	0	4	1	8
Latin	12	8	4	5	30	24	29
Mathematics	198	68	50	59	162	158	121
Music	25	7	14	5	31	18	23
Philosophy	181	56	37	35	86	99	95
Psychology	97	27					
Physics	73	34	35	58	120	77	83
Russian	8	0	0	0	0	0	0
Sociology	153	42	14	28	43	72	82
Spanish	84	22	20	21	65	48	12
Humanistics	4	6					

Haverford Students at Bryn Mawr

Art	6
English	6
Math	1
Psychology	2
History	1

Degrees, June 8, 1946

B. A.	19
B. S.	4
M. A.	8
Hon. Degrees	2

FINANCIAL OUTLOOK

In October, 1945, the prospects of an increased enrollment gave some promise of brightening what had seemed to be a gloomy picture as we con-

sidered the budget. Even so, it looked as if we might be faced with a deficit of approximately $75,000.

The Treasurer's Report for the year shows that we came closer to escaping a deficit than anyone would have had the temerity to predict. The Treasurer, the Finance Committee, and the Comptroller are all to be congratulated upon this welcome outcome.

Among the factors which account for this excellent showing is the Alumni Fund. Once more the Alumni contributed generously to the college, and though the total amount was less than in the preceding year, the addition of 360 new names to the list, making a total of over a thousand contributors, is worthy of special note. The Alumni should know that their help is deeply appreciated and has been of immense value at a critical period for the College.

The financial prospect for the year just begun is brighter than was the outlook in either the fall of 1944 or 1945. One word of warning is important at this time. It is erroneous to assume that a student body of maximum size is *pe se* a guarantee of relief from budgetary worries. Increased costs of instruction, and additional equipment, can easily and usually do offset what might at first glance be considered surplus. So long as our endowment remains unchanged, every additional student reduces the funds per student available for instruction.

THE PLANT

Constant operation during the war prevented as much work on the plant in the way of replacements and repairs as would have been desirable and in accord with what should be normal practice. The Barclay fire introduced a complication which was far from welcome.

Despite our being understaffed in the Maintenance Department, a lot was accomplished toward bringing the plant back into good condition. New boilers and a shift to oil in the power house was one important undertaking. Exterior painting on a number of the buildings was completed. College Lane and the road east of Sharpless Hall were top-dressed; gutters on Lloyd, the Union, and Roberts were rebuilt.

We were fortunate in Mr. Lamb's being able to complete the restoration work on Barclay soon after the opening of College. The new quarters on the fourth floor are spacious and attractive, and what is more important, the previous narrow stairways have been eliminated. The rebuilding program included the re-wiring of Barclay, an operation which was long overdue. Work is well under way on the Observatory, and we hope that it will be possible to put that building back into first-class shape soon. The formulation and ratification of a policy for the maintenance of faculty houses represents

a major advance. A program of extraordinary repairs is under way and with the appointment of a new Superintendent this should eventually mean much in the preservation of our plant and in the efficiency of our operation.

THE FACULTY AND ADMINISTRATION

With the appointment of a new President, it has been possible to work out a distribution of the administrative load in a manner which gives some guarantee of satisfactory operation. General administration, admissions, the Deanship and the Office of Comptroller are all adequately manned, a most fortunate circumstance at a time when the enrollment is at its maximum.

Dr. Frank W. Fetter, Chairman of the Economics Department, has returned from a leave of absence in Washington. Dr. A. J. Williamson in the French Department has returned from the Navy.

The appointments for the new year include Dr. Bjarne Braatoy, and Mr. E. Grant Meade in Government; Dr. Daniel Coogan in German; Dr. Ira Reid in Sociology on a part-time appointment; Evan Davis as a part-time instructor in German; Michael Cooper as a part-time instructor in Russian; and Dr. P. C. Duisberg in Chemistry, as a substitute for Dr. T. O. Jones, whose health will not permit him to return to the Faculty this year. Dr. J. Duncan Spaeth is again with us as visiting professor in English. Dr. Wilbur Ufford is beginning his work in the Department of Engineering.

Mr. Seaton Schroeder has been appointed Superintendent of Buildings and Grounds.

THE COLLEGE PROGRAM

Soon after the presentation of last year's report, a new Postwar Planning Committee was appointed with Dr. Oakley as chairman. We felt that this committee should consider a number of the matters suggested by the previous committee, and, at the same time, develop its own program.

Dr. Oakley's committee embarked on an intensive study of the College program, calling upon the Faculty singly and in groups for advice, suggestions and criticism. The broad outlines of a plan were drawn, and acted on favorably by the Faculty in the spring.

There remain many details to be discussed; certain areas of the Colleges' operation yet remain to be considered and this committee has again resumed work with the purpose of filling out the rough sketch already drawn, and above all of considering how the new plan shall be put into practice.

It has seemed appropriate to change the name of the committee from that of Postwar Planning to the Committee on the College Program. The plan itself is of such a nature that rather than try to present an outline of it here, we prefer to wait until it can be put into a report which will do it full justice.

CONCLUSION

During the war years everybody looked ahead to the time when the College would again be full and functioning in a normal manner. The College is full now, and one cannot walk about the campus without realizing that activity and accomplishment are in the air. The period through which we have just passed has brought about changes, many of them beneficial.

As we move through this period of transition, one cannot feel anything but stimulated and hopeful at the way that the students, the faculty and the administration are attacking their problems. The College is at the point of realizing some of its hitherto undeveloped potentialities. It is not getting back to what it was before the war, but rather going forward to something better and something more significant. The measure of the College's opportunity will, we hope, be some measure of its accomplishment.

ARCHIBALD MACINTOSH
GILBERT F. WHITE

REPORT OF THE LIBRARIAN FOR 1945-46

During the first semester the Library continued to operate under most of its wartime restrictions, but in the second semester the steady increase in student enrollment and the return of various members of the faculty brought a considerable renewal of activity in all departments. This put a heavy strain on our reduced staff. Because of the national shortage of trained librarians, this strain will be difficult to relieve for some time to come.

It is important that everyone in the College should understand the nature of the work done by the Library Staff. This work falls into two distinct divisions:

(1) MAINTENANCE, i. e. the orderly control of our *complete collection* of books, both on and off the shelves. Every one of our 180,000 or more books* has a place where it belongs. Our readers select the books they want and remove them from their places, scattering them over the building or taking them out for home use. Professors assemble and re-assemble them in special groups for classes. Amid all this flux and turmoil, the librarians of the Circulation Department keep track of the wanderers as well as the volumes on the shelves, and can tell you exactly where any book is at any time. They also instruct and supervise the many student assistants, who, under the present system of enforced labor for scholarship holders, are an

*This figure includes about 12,000 Government Documents on deposit.

unwieldy and relatively inefficient crew. Year by year our book collections grow larger, and the task of maintenance becomes correspondingly greater and more complex. It is now physically impossible for one librarian to handle the Circulation Department. Next year we shall have to have two; and unless some method is devised for reducing the size of our Library, the time will come when three will be needed—and so on.

(2) GROWTH. Each year we add a certain number of books to our collections: those received by gift almost equal the number acquired by purchase. The steps in the handling and processing of the annual increment are as follows:

(a) The entire Faculty is constantly engaged in the selection of titles to be purchased from the annual income of our endowed funds; and, to a lesser degree, in sifting donations, retaining what is of primary value and reserving the rest for exchange or for re-donation. Thus the entire Faculty is actively associated with the Library Staff—a fruitful and useful relationship.

(b) The Department of Accessions and Accounting takes the titles recommended by the professors, checks them, orders them from the proper publisher or dealer at home or abroad, enters the charges in the various accounts in which they belong (there are over a hundred accounts which must be kept balanced, so that any professor can be told at any time how much has been spent, how much is outstanding, and how much remains in *any* category), receives the new books when they arrive, enters them serially in our accession list, stamps them, plates them, and cuts the pages (if they need it). At the end of each month the bills are checked and allocated to the various funds and transmitted to the Comptroller for payment.

(c) The books are now ready to be incorporated in our collection. I have said that every one of our 180,000 books has its place. About 3,000 more must be assigned to their places each year. That is the job of the Cataloguing Department, and it is a job which calls for scholarly training. To do it *perfectly*, a Faculty would be required; in fact, our Faculty does frequently help with the difficult linguistic and scientific problems. Each book must be *classified*, i. e. it must be put exactly where it belongs in the Library of Congress scheme of classification (so complicated is modern knowledge that the published key to this classification is a three-foot shelf of books). Thus the book is assigned to its particular place or niche on our five or six miles of shelving. But before the books go to the shelves, they must be tagged and finger-printed (so to speak) and their records must be filed. Several sets of printed catalog-cards for each book must be ordered from the Library of Congress; and

when the Library of Congress cannot supply them (which is the case with almost half of our *scholarly* books), we must make our own cards. These sets are checked and prepared for author-entry, title-entry, and subject-entries in our Card Catalog; and must then be filed with the utmost care (for a card out of place is as useless as a lost book—or *more* so, for when a book is lost, the card tells you!). Cards must also be set aside for the Philadelphia Union Catalog. Then the book itself must be prepared for shelving. For some, this means that they must be bound—and so important is the annual assembling and checking of *periodicals* for the bindery that this work constitutes a "department" of the Library. Finally, every bound volume, before it goes to the shelf, must have its call-number neatly lettered on its spine and the letters must be protected with shellac.

(d) Other Departments, which in a larger library would require the full time of one or more librarians, are the Government Document Department, which classifies and shelves vast numbers of uncatalogued pamphlets, and the Inter-Library Loan Department, which does an ever-increasing and time-consuming "mail-order" business.

Of the special problems of the Rare Book Department I have said nothing: they are adequately set forth in the separate Report of the Curator of the Quakeriana Collection.

So long as we add approximately 3,000 volumes per year to our collection, the duties of the Accessions and Cataloguing Departments will remain static, except insofar as they feel the effect of a steady increase in complexity.

But cooperation of the sort that is contemplated between the Libraries of Bryn Mawr, Swarthmore, and Haverford will immediately increase our routine tasks to the extent of requiring an additional trained librarian on our Staff. In the Circulation Department additional help will be needed to keep track of Bryn Mawr and Swarthmore books at Haverford and Haverford books at Bryn Mawr and Swarthmore. But even more time-consuming will be the need of getting books from our shelves for *absent* readers. The Haverford Library operates on the open-shelf or "cafeteria" principle: the readers help themselves. But if the readers are in absentia someone must fetch their books and write their charge-slips for them. Similarly, the work of the Cataloguing Department will be slowed up and complicated by the doubling of the Card Catalog in size—a dubious blessing for readers and librarians alike, and involving a considerable expense not only for installation but for maintenance as well. Cooperation between the three libraries may be a great help to scholarship, but its cost, direct and indirect, will be heavy.

Discussion of cooperation, which was furthered during the year by the excellent "Findings of the Committee [of Survey]" and by the joint meeting

of the three Library Committees, has so far dealt only with theory. Practical problems of cost must now be squarely faced.

GROWTH OF COLLECTIONS

The total number of recorded volumes in the Library at the end of August, 1946, was 169,184. During the past year, 2,764 volumes were added; 1,365 by purchase, 1,190 by gift or exchange, and 209 sent by the United States Government for our Government Depository Collection. In addition, a far greater number of publications (both books and pamphlets), which were received from the Government, were filed without being catalogued. 84 books were discarded.

GIFTS

The number of books actually donated to the Library was far in excess of those "added to the Library by gift"—for many of them had to be placed in our Duplicate Collection. The following donations deserve special mention:

From Horace R. Hayday, 288 books on the European War, 1914-18.

From Craig Snader, 235 books on Economics.

From the Estate of J. Howard Redfield, 197 books on Linguistics.

From Frances B. G. Branson, 162 books, about half of them Quaker.

From John L. Scull, 115 books of general literature.

From William W. Comfort, 229 pamphlets on Romance Languages.

From Mrs. C. K. Jones, 65 books, mostly Spanish.

From Margaret H. Johnson, 51 volumes of early American publications.

From Lyle Settle, 46 books, mostly on Music.

From Henry Freund, 39 textbooks.

From A. S. FitzGerald, 39 "books of the month."

From Frederick V. Hetzel, 28 books of general literature.

From Florence Beddall, 17 volumes of Lytton's works.

From Roberto Payró, 12 books, mostly on South America.

From Rufus M. Jones, 14 books, some of which were his own writings and others were for his Collection on Mysticism.

From Sumner B. Coggeshall, 10 books.

From Ellen Winsor, a set of the Freeman (8 volumes).

From Mrs. Henry S. Drinker, 10 books.

From William Reitzel, 12 books.

CIRCULATION

The total circulation of Library books was 16,633. Of this number 2,425 were loaned to the Faculty, 10,387 to students, and 3,821 to borrowers not connected with the College. With the increased enrollment of the second semester, the student circulation increased sharply, showing a 73 percent rise over that of the past year. The 1,200 books reserved by students in carrels during the year are also an indication of the greater use the students are making of the Library.

INTER-LIBRARY LOANS

During the past year 308 volumes were sent to other libraries and 115 borrowed by us. The latter figure is much smaller than it would be, if we counted the number of books borrowed by professors and students from libraries in the vicinity.

COOPERATION WITH OTHER LIBRARIES

Over 2,500 cards were sent to the Union Library Catalog in Philadelphia, listing new entries in our Catalog. New periodical and serial entries were sent to the H. W. Wilson Co. for inclusion in forthcoming Serial Catalogs. A donation of duplicate magazines was made to the Friends Service Committee; and books were donated, along with those contributed by the Faculty, to the University of Caen.

DEAN P. LOCKWOOD,
Librarian.

REPORT OF THE CURATOR OF THE QUAKER COLLECTION for 1945-46

The most important thing to record concerning the Quaker Collection in 1945-46 is that it was used and visited more than ever before. Particularly notable was the increase in the number of students coming into the Treasure Room for Quaker Books, a direct result of the increased interest in the Society of Friends aroused by Howard H. Brinton's course in the history and philosophy of Quakerism, and of the encouragement which the English Department gave to freshmen who wished to write essays on Quaker subjects. Advanced scholars in Quaker history and Quaker thought also visited the Library to the number of thirteen, coming from as far away as California

and Massachusetts. Commencement this year was a veritable field day for the Treasure Room, so large was the number of alumni and friends who dropped in. The assignment of scholarship students to keep the Treasure Room open on Saturday and Sunday afternoons has been a great help in our service to visitors as well as students.

In the field of Quaker books we have added 420 volumes to our shelves, of which 252 were gifts, and 168 were purchased. The largest gifts of books came from Hannah G. Dewees and Frances B. G. Branson. We felt impelled to transfer one volume from Mrs. Branson's gift to the Treasure Room at Westtown, namely, a copy of *A Plan for a School* (Philadelphia, 1790), the first printed proposal for a Friends boarding school in Pennsylvania, annotated by Owen Biddle, author of the pamphlet and one of the founders of Westtown School. Among the purchases were two groups of interesting material, a number of pamphlets published by French Friends during the war, unobtainable until peace came, and photostatic copies of several early Quaker items of great rarity in the Massachusetts Historical Society, including pamphlets by Daniel Leeds, Francis Daniel Pastorius, Thomas Budd, and Jonathan Dickenson. These were purchased in accordance with our policy of trying to obtain photostatic or microfilm copies of rare Quaker material, of which the acquisition of originals, except by gift, would be impossible.

The importance of microfilm as an aid to libraries and scholarship was emphasized by an exhibition of Haverford's collection of books and manuscripts in microfilm, set up to celebrate the delivery of the long-awaited Recordak Library Film Reader, which arrived as a day-before-Christmas present. This machine, for the purchase of which funds were left by the late Arthur H. Thomas in 1941, now makes possible the easy use of material in microfilm by professors, visiting scholars, and students. It is a most important addition to Haverford's facilities for research.

Quaker manuscripts, pictures, and maps to the number of 268 have been added to the collection this year, largely by loan or gift. These include the record books and papers, here on loan, of the Female Society of Philadelphia for the Relief and Employment of the Poor, a Quaker group which is the oldest philanthropic organization in Philadelphia. A very extensive collection of papers relating to the business activities of the Cope family, Philadelphia Quaker ship-owners of the early nineteenth century, has also been placed in the care of the Quaker Collection, pending their sorting and analysis. Among the gifts were papers of President Isaac Sharpless, from his daughter, Helen Sharpless; an album of portraits of American Friends, from Horace Mather Lippincott; an interesting collection of Whittier letters and family papers from Mrs. Egbert S. Cary, Sr.; and the typewritten biography and addresses

of Allen David Hole (1866-1940), edited by his son, Francis D. Hole. Charles Francis Jenkins contributed a document on the Virginia Exiles to Haverford's collection on the subject.

Additions to the Charles Roberts Autograph Collection, numbering 147, reflected the spirit of the times, for eighty-six of these were autographs of Army generals in the Pentagon Building at Washington, collected by Major-General Charles P. Gross, who is the father of two Haverfordians, and transmitted to the College by Professor Frank W. Fetter. Unique in interest were two very different documents, an autograph letter of Edmund Halley, discoverer of the comet, written on St. Helena in 1677, the gift of Christopher Morley; and the typewritten manuscript of Albert Jay Nock's *The Memoirs of a Superfluous Man* (1943), the gift of Ellen Winsor and Rebecca Evans. Professor L. A. Post gave the College an interesting group of letters from Takeo Arishima (1878-1923), a Japanese liberal who took his Master's degree here in 1904.

For the meetings of the Haverford Library Associates, held in the Treasure Room, one on biography and one on Quaker fiction, there were special exhibitions of maunscripts and books of great variety in these two fields. We also played host to school, Boy Scout, and professional library groups during the course of the year.

Cooperation with the Friends Historical Library at Swarthmore has grown to the point where two joint staff meetings were held, one at Haverford and one at Swarthmore. We have also exchanged duplicate books with Swarthmore, as we are doing with the Friends Library in London. From our Quaker duplicates we were also able to supply sixty-two volumes to the Sophia Smith Collection on women's work and writings at the Smith College Library.

The ending of the war brought the opportunity to finish some of our war-time projects—we added 200 items to our collection of Civilian Public Service Camp papers—and to rebuild our connections with Europe.

C. Marshall Taylor, one of the Honorary Curators of Friends Historical Library at Swarthmore, generously offered to procure English Quaker material for Haverford as well as for Swarthmore on a recent journey to England. This is a happy augury of increasingly close cooperation on the part of Friends here and abroad who are concerned with the gathering, preserving and use of books relating to the Society of Friends.

THOMAS E. DRAKE,
Curator.

REPORT OF THE MORRIS INFIRMARY

The report of house patients is as follows:

	1945-1946	1944-1945
Patients admitted	63	25
Total time (days)	419	124

Diseases are classified as follows:

Grippe and respiratory	41
Intestinal	6
Joint conditions	3
Miscellaneous	13

Total number of visits of dispensary patients:

	1945-1946	1944-1945
Medical	1,340	1,490
Surgical	748	723
Total	2,088	2,213

Conditions are classified as follows:

Upper respiratory	383
Fractures	1
Sutures	5
General	499

PUBLICATIONS AND ACTIVITIES OF THE FACULTY

1945-46

ALLENDOERFER, CARL B.

"Slope in Solid Analytic Geometry". *American Mathematical Monthly*, 53:241-7. No. 5, May 1946.

Twenty-four short reviews of mathematical articles in *Mathematical Reviews*, Vols. 6 and 7.

Associate Editor: *American Mathematical Monthly*.

Member of Board of Directors: Main Line Cooperative Association.

Member of Rhodes Scholarship Selection Committee for Pennsylvania.

Toastmaster: Annual Dinner, American Mathematics Society, Ithaca, N. Y., Aug. 22, 1946.

ASENSIO, MANUEL J.

Lecture: "The Roots of the Spanish Civil War", Amherst, Mass.

BENHAM, THOMAS A.

"Research Aids for the Blind". Published in the magazine, *Electronics*.

Member of the committee of "They Need You"

Member of the Committee of The Philadelphia Branch of the Pennsylvania Association for the Blind.

Research and development for Warren Webster Co., Camden, N. J.

Development project during the summer of 1946 for the physics department of Penn State College.

CADBURY, WILLIAM E., JR.

"The Cultural Values of the Sciences in the Premedical Program" (with W. B. Meldrum). *Journal of Chemical Education*, 23:338-40, No. 7. July 1946.

Review of: Physical Chemistry for Premedical Students, by John Page Amsden. McGraw-Hill Book Co., *Journal of Chemical Education*, 23, 362-363 (1946).

Committee on Student Chemists, a committee of the Philadelphia Section of the American Chemical Society.

Clerk and Overseer: Haverford Monthly Meeting.

Member: Committee in Charge of Westtown School of Philadelphia Yearly Meeting.

Member: Democratic Committee, 4th ward, Haverford Township.

Candidate (unsuccessful) for the School Board of Haverford Township, on the Democratic ticket, Nov. 1945.

COMFORT, HOWARD

"Our War With Russia", *The Friend*, 120:52-56, No. 4, Aug. 1946.

Secretary-Treasurer: American Philological Association.

Educational Committee, American Friends Service Committee.

Community Fund of Philadelphia Family Budget Committee.

Delaware County Welfare Council.

Friends Council on Education.

Director: Osborne Association.

Secretary: Advisory Council of School of Classical Studies, American Academy in Rome.

COMFORT, WILLIAM W. (President, *Emeritus*)

"A Quaker Lobbyist Reports on Washington in 1812" (with T. E. Drake). *Bulletin of Friends Historical Association*, 34:77-88. No. 2. 1945.

"William Penn's Religious Background". *Tributes to William Penn*, pp. 55-72. Published in Harrisburg, 1946.

President: Friends Historical Association.

President: Bible Association of Friends in America.

President: Sleighton Farm School for Girls.

President Emeritus: Delaware County Tuberculosis Society.

Member of Council: Historical Society of Pennsylvania.

Member of Overseers of William Penn Charter School.

DRAKE, THOMAS E.

Articles on "Joseph John Gurney", "William Penn", "Society of Friends", "John Woolman" in *An Encyclopedia of Religion*, Virgilius Ferm, editor. pp 317, 571, 721-22, 829. Published by The Philosophical Library, N. Y., 1945.

Review of H. S. Nedry, "The Friends Come to Oregon". *The United States 1865-1900*. 3:122-23, published by The Hayes Foundation, Fremont, Ohio, 1945.

"Draft Problems Remain", *The Meeting*, No. 90, November, 1945, published by Haverford Friends Meeting, Haverford, Pennsylvania.

"A Quaker Lobbyist Reports on Washington in 1812" (with W. W. Comfort). *Bulletin of Friends Historical Association*, 34:77-88, No. 2, 1945.

Editor: *Bulletin of Friends Historical Association*, vol. 34, No. 2, 1945; vol. 35, No. 1, 1946.

Lecture: "Quaker Education in Theory and Practice", annual meeting of the Nantucket Coffin School Association, Nantucket, Mass., Aug. 22, 1946.

Chairman of Publications Committee: Friends Council on Education.

Editor and Member of Board of Directors: Friends Historical Association.

Member of Board of Directors: Pendle Hill.

Member of Board of Directors: *The Friend*

Member of Committee on Research: Society for American Studies of the Middle Atlantic States.

Chairman of Draft Problems Committee: Haverford Monthly Meeting of Friends.

DUNN, EMMETT R.

"The Amphibions and Reptiles of the Colombian Caribbean Islands San Andres and Providencia." *Caldasia*, pp. 363-5, No. 14, September, 1945.

"Atractus sanctaemartae, a New Species of Snake from the Sierra Nevada de Sante Marte Colombia". *Occasional Papers Museum of Zoology, University of Michigan*, pp. 1-6, No. 493, April, 1946.

"Thomas Barbour", 1884-1946". *Copeia*, pp. 1-3, No. 1, April, 1946.

"A New Snake From the Eastern Andes of Colombia", *Caldasia*, No. 17, August, 1946.

Lecture: "Problems of Isthmian Distribution," Pittsburgh, April, 1946.

Curator of Reptiles and Amphibions: Academy of Natural Sciences in Philadelphia.

Board of Governors: American Society of Ichthyologists and Herpetologists.

Board of Directors: Society for the Study of Evolution.

Guest for Research: American Museum of Natural History, July-August, 1946.

EVANS, F. C.

Lecture: "Population Growth"—Bryn Mawr *Journal Club* (Biology), January, 1946.

Lecture: "Rodent Ecology"—School of Public Health Men at Johns Hopkins, March, 1946.

FETTER, FRANK W.

"Economics: South America (Except Brazil, Colombia and Venezuela)" *Handbook of Latin American Studies 1941*, pp. 145-63, Harvard University Press, Cambridge, 1942.

"The Need for Postwar Foreign Lending" *American Economic Review*, 33:342-46 No. 1 (Supplement), March, 1943.

"Anglo-American Cooperation for Expansion of World Trade" *State Department Bulletin*, 12:501-3, No. 300, March 25, 1945. Published also in *World Economics*, 3:62-7, No. 9-10, March-June, 1945.

Review: "Two Manuscripts," by Charles Davenant. *The Journal of Economic History*, pp. 237-8, November, 1944.

Lectures: "Anglo-American Cooperation for Expansion of World Trade"—American Marketing Association in Philadelphia. March 20, 1945; "The Future of Multilateral Trade"—University of Chicago. April 15, 1946; "Rebuilding Multilateral Trade"—Alumni Conference of the School of Business Administration, University of Michigan. May 11, 1946.

Executive Committee of the American Economic Association, 1944-47.

Committee on Social Science Personnel of Social Science Research Council, 1945-46.

Chief Mission Officer with *Office of Lend-Lesae Administration and Foreign Economic Administration*, January, 1943 to July, 1944.

Chief of the Division of Lend Lease and Surplus War Property Affairs, *Department of State*, 1944-46.

Chief of Division of Investment and Economic Development, *Department of State*, 1944-46.

FLIGHT, JOHN W.

Abstracts of articles on archaeological subjects in foreign periodicals for *American Journal of Archaeology*.

Editor of Proceedings of Society of Biblical Literature, *Journal of Biblical Literature* 65:1-44, March, 1946.

Lectures: "Prophets of Israel"—Pacific School of Religion, Berkeley, California, September to November, 1945.

Secretary: The (National) Society of Biblical Literature and Exegesis.

Member of Program and Nominating Committees: The (National) Society of Biblical Literature and Exegesis.

Associate Editor: *Journal of Bible and Religion* (Organ of the National Association of Biblical Instructors).

Member and Acting Secretary: Conference of Secretaries of the American Council of Learned Societies Meeting, January, 1946.

FOSS, MARTIN

The Idea of Perfection in the Western World, Princeton University Press. Princeton, New Jersey, 1946, 102 pages.

Lectures: Fullerton Club, Bryn Mawr; Baptist Church, Lansdowne.

GREEN, LOUIS C.

Lectures: "Atomic Energy in Stars and Bombs"—Rittenhouse Astronomical Society, October, 1945; "The Release of Atomic Energy"—Phoenixville Rotary, November, 1945; "The Release of Atomic Energy"—Science Club of the Philadelphia College of Pharmacy, December, 1945.

"Oscillator Strengths for the Continua of Ca II," read at meeting of the American Astronomical Society at Madison, September, 1946.

President: Rittenhouse Astronomical Society, 1946.

Research Worker: Mt. Wilson Observatory, Summer, 1946.

HERNDON, JOHN G.

Philadelphia: Cradle of Liberty. Co-author with Owen J. Roberts, L. Stauffer Oliver, and R. L. Johnson. Privately printed, Philadelphia, 1945, 32 pages.

Record of the Trip of the Philadelphia Delegation to the Meetings of the Preparatory Commission of the United Nations in London. Co-author with L. Stuffer Oliver. Copy presented to Historical Society of Pennsylvania, 1945, 92 typewritten pages.

"The Federal Income Tax Applicable to Individuals Under Revenue Act of 1945," *Winston Business Administration.* 2:255-444, John C. Winston Company, Philadelphia, 1946.

"Revolutionary Soldiers' Pensions of Orange County, North Carolina," *Daughters of the American Revolution Magazine,* 80:427-9, No. 8, August, 1946.

Lectures: "The Proposed Loan to Britain"—The Foreign Policy Association of Philadelphia; "London in Wartime"—Association of University Women and other groups; "The College of Arms"—Annual Meeting Address before the Genealogical Society of Pennsylvania; "Descents from Magna Carta: A Study in Constitutional Law"—Annual Meeting of Magna Carta Barons.

Member: Radio WCAU Round Table on "International Cooperation."

Director: United Nations Council of Philadelphia.

Member: Philadelphia Delegation to London to bid for the location of the United Nations' world peace capital.

HETZEL, THEODORE B.

Lecture: "Youth Service Projects of the American Friends Service Committee"—Rotary Club, Bridgeton, N. J., November 15, 1945.

Chairman Philadelphia Section: Society of Automotive Engineers.

Chairman Work-Camp Committee: American Friends Service Committee.

Chairman Hobby Committee: Westtown Alumni Association.

Member of Board and Chairman of Community Advisory Committee: Haverford Community Center.

Member of Executive Committee: Campus Club of Haverford College.

Member of Nominating Committee: Haverford Monthly Meeting of Friends.

HOLMES, CLAYTON W.

Consulting Engineer: Firm of Wroe Alderson, Simon and Sessions, of Philadelphia, Pennsylvania.

JONES, RUFUS M.

Introduction and Chapter 1 in *Together,* Abington-Cokesbury, New York, 1945. pp. 7-23.

La Fe y la experiencia de los Cuaqueros, Spanish translation of *Faith and Practice of the Quakers.* Casa Unida, Mexico, 1946, 185 pp.

"*Selected Stories of Maine Humor,*" Clark University, Worcester, Mass., 1945, 23 pp.

JONES, THOMAS O.

Lectures: "Control of Atomic Energy: A Quaker's View," General Assembly. Oshkosh Teachers College, Oshkosh, Wisconsin, October 16, 1943; Kiwanis Club, Oshkosh, Wisconsin, October 17, 1945; State Conference Congregational Church, Madison, Wisconsin, November 18, 1945; Trinity Episcopal Church, Oshkosh, Wisconsin, November 25, 1945; Congregational Church, Dundee, Illinois, January 6, 1946; Broadcast A. B. C., January 27, 1946; Chicago Junior Chamber of Commerce, March 14, 1946; Milwaukee Conference of Church Women, March 8, 1946; State Meeting Kiwanis International, April 25, 1946.

KELLY, J. A.

Review: "Christian Heinrich Schmid and His Translations of English Dramas, 1767-1789," by L. M. Price. *The Germanic Review* 21:73-4, No. 1, New York, February, 1946.

Review: "Germany's Stepchildren," by Solomon Liptzin. *The Germanic Review* 21:153-55 No. 2, New York, April, 1946.

Member: American Council on College Study in Switzerland (since December, 1945).

Department Editor in German Literature: *The National Encyclopedia* (since September, 1946) Crowell-Collier Publishing Company, New York.

MELDRUM, WILLIAM B.

Laboratory Manual of Organic Chemistry (Second Revision), College Offset Press, Philadelphia, Pennsylvania. 23 pages.

"The Cultural Values of the Sciences in the Premedical Program" (with W. E. Cadbury) *Journal of Chemical Education*, 23:338-40, No. 7, July, 1946.

Review: "Introductory College Chemistry," by Holmes, *Chemical Industries*, June, 1946.

Lecture: "The Mechanism of Oxidation-Reduction Reactions"—Eighth Summer Conference of the New England Association of Chemistry Teachers, Middlebury, Vt.

Director of symposium on "Electrochemistry" at the Eighth Summer Conference of the New England Association of Chemistry Teachers, Middlebury, Vt., August, 1946.

Associate Editor: *Journal of the Franklin Institute.*

Chairman, Activities Committee: American Chemical Society.

Councilor: American Chemical Society.

OAKLEY, CLETUS O.

Lecture: "Teacher Training and Selection," Association of Private School Teachers at New York and Vicinity. October 26, 1945.

Editorial work in connection with Army Specialized Training Program testing and the AFI.

PALMER, FREDERIC, JR.

Editor and author of reports on interior ballistics, Division 1, National Defense Research Committee.

Chairman, Franklin Medal Committee: Franklin Institute.

PEPINSKY, ABRAHAM

"Musicology, the Stepchild of the Sciences," *The Journal of Accoustical Society of America*, 17:83-6, No. 1, July, 1945.

Lecture: "The Psychology of Rhythm"—Music Teachers National Convention, Detroit, Michigan. February 23, 1946.

POST, L. ARNOLD

Editor: Loeb Classical Library.

Coach: Haverford production of *The Arbitration* by Menander as translated and completed by Gilbert Murray. Performed November 30, 1945, and December 1, 1945, at Haverford College and December 1, 1945, at Swarthmore under the auspices of the Cap and Bells Club.

President: American Philological Association, 1945-6.

SARGENT, RALPH M.

Review: "Bright Day," by J. B. Priestly, in Books of the Week, *Philadelphia Record*, October 4, 1946.

Member Executive Committee: College Conference on English, Middle Atlantic States.

President: Highlands Museum and Biological Laboratory, Highlands, North Carolina. (The biological station of the University of North Carolina, Duke University, Vanderbilt University, and Wesleyan College.)

President, Library Associates, Haverford College.

SNYDER, EDWARD D.

Lecture: "Edgar A. Poe"—Bowdoin College, August 13, 1946.

SPAETH, J. DUNCAN

"*Wilson As I Knew Him and View Him Now*," *Woodrow Wilson, Some Princeton Memories, Edited* by William Starr Myers, Princeton University Press, Princeton, New Jersey, 1946. pp. 69-91.

"The Education of Abraham Lincoln" *The Philadelphia Forum*, November, 1945. pp. 6-23 (5 pages).

"Epic Conventions in Paradise Lost," *University of Colorado Studies*, Series B (Studies in the Humanities) 2:201-7, No. 4. October, 1945.

"Et Ego in Arcadia" (Reminiscences of Dr. Faires' Classical Institute). *Philadelphia Forum*, January, 1946. pp. 10-22 (3 pages).

Lectures: "Lincoln at Gettysburg"—Gettysburg College; "Literature and Theology"—Gettysburg Seminary; "Law for Man and Law for Thing"—Franklin Institute; "Shakespeare Today"—Radnor High School, April 23, Birthday Address; "Seamanship and Orsmanship in the Odyssey and Beowulf"—Princeton.

STEERE, DOUGLAS V.

Soil of Peace, A Human Events Essay Pamphlet. Human Events, Chicago, 1946.

"Be Renewed in the Spirit of Your Minds," 1946 Quaker Lecture, Western Yearly Meetings. Indianapolis, 1946. 16 pages.

Introductory Essay to Kierkegaard's *Works of Love*. Princeton University Press, Princeton, New Jersey, 1946.

"Kveekarien Jumalpalvelus"—An address on Quaker worship published in Finnish. Helsinki, 1946, 7 pages.

Review: "Theresa of Avila," Mother of Carmel, by Allison Peers. *Christendom*. 11:530-32, No. 4. Autumn, 1946.

Review: "Gospel According to Grmaliel," *Fellowship*. 12:30, No. 2. February, 1946.

Review: "In Downcast Germany," by Joan M. Fry. *Bulletin of Friends Historical Association*. 34:94. Autumn, 1945.

College Preaching in: Smith College, Mt. Holyoke College, Cornell University, Connecticut College for Women, Howard University, University of Washington, University of Wisconsin (Convocation Address), Beloit College, Jewish Theological Seminary (NYC), New England Student Christian Movement, Union Theological Seminary, University of Michigan, Drew Theological Seminary.

Presidential Address: American Theological Society.

President 1945-6: American Theological Society.

Editorial Committee for Translation of Christian Classics into Chinese charged with preparation of mystical and devotional literature.

Clerk: Philadelphia Yearly Meeting of Ministers and Elders—1945-6.

American Friends Service Committee: Finnish Mission June to October, 1945.

American Friends Service Committee: Service on Board and Committees.

Service on Board and Committees: Pendle Hill.

Vice-President: Fellowship of Reconciliation, 1945-6.

Assistance to Finnish-American Committees in fund-raising, including speaking in twelve cities.

SUTTON, RICHARD M.

"Does Science Mean Peace?" *Christian Century* reprinted in "Essays for Our Times," 42:1002-5, No. 36, September, 1945.

"Trailblazers and Surveyors," *The Friend*, 119: No. 7, September, 1945.

"Transmuting Atoms and Men," *Christian Century*, 43:914-16, No. 30, July, 1946.

"Atomic Bombs and Balms," *Proceedings of New York Railroad Club*, 56:1-23, Nov. 15, 1945.

"The Growth of the Concept of Mass-Energy Equivalence," *American Journal of Physics*, 14:137, No. 2, March-April, 1946.

Review: "Atomic Energy for Military Purposes," by H. D. Smythe. Reviewed for *Review of Scientific Instruments*, 17:133, No. 4. April, 1946.

Lectures: "Atomic Energy"—Sydenham Medical Coterie, Philadelphia, October 9, 1945; "Atomic Energy"—Public Forum, Phoenixville, Pennsylvania, October 22, 1945; "Atomic Energy"—Collection, Haverford College, October 30, 1945; "The Growth of the Concept of Mass-Energy Equivalence"—American Association of Physics Teachers, New York, January 25, 1946; "From Stars to Atoms and Home the Same Night"—American Society of Mechanical Engineers, New York. February 25, 1946; "Atomic Energy"—Haverford Alumni Club, Baltimore, Md., March 2, 1946; "Liquid Energy"—William Penn Charter School, March 11, 1946; "Atomic

Energy"—Public Forum on Foreign Policy, Chester, Pa., March 19, 1946; "Atomic Energy"——Methodist Good Fellowship Club, Philadelphia, Pennsylvania, March 8, 1946; "Atomic Energy"—Philadelphia Committee on Public Affairs, April 24, 1946; "From Shallow to Deep Water in Physics,"—Society for Promotion of Engineering Education, St. Louis, Mo., June 21, 1946.

Editorial work on Physics articles for Encyclopedia Britannica "Junior."

Examiner in Physics: Swarthmore College, February.

Examiner in Physics: College Entrance Examination Board.

Committee on Science and the Arts: Franklin Institute.

Committee on Museum: Franklin Institute.

Executive Committee: Westtown General Committee. Philadelphia Yearly Meeting.

Committee on Religious Life of Society: Philadelphia Yearly Meeting.

Committee on Haverford Friends School: Haverford Monthly Meeting.

Chairman: Religious Education Committee. Haverford Monthly Meeting.

SWAN, ALFRED J.

Review: "The Diaries of Tchaikovsky," translated with notes by Wlaldimir Lakend. *Music Quarterly*, 32:308-10, No. 2.

Composition: "Canzona and Fugue," for piano

Composition: "Christmas Game" for orchestra and reduction for piano for four hands.

Composition: "Sine Nomine" for piano.

Composition: "L'Anneau de Turquoise" for piano.

Composition: Two poems from Robert Louis Stevenson's "Songs of Travel": "I Shall Make You Brooches" for one voice and piano, "I Know Not How It Is With You" for one voice and piano.

Composition: "Chorale for Palm Sunday."

Composition: "Praeludium et Fuga" for piano.

Composition: "Fragment" for piano.

All compositions reproduced by Independent Music Publishers, New York.

TEAF, HOWARD M., JR.

Public Member: *Regional War Labor Board* (and its successor, War Stabilization Board) until June, 1946.

Member: Work Camp Committee and Industrial Relations Committee, American Friends' Service Committee.

Associate Professor of Economics: Cornell University, Summer session, 1946.

WATSON, FRANK D.

Review: "Field Work in College Education," by Helen Merrell Lynd, *The Annals of the American Academy of Political and Social Science*, 246:165-6, July, 1946.

Industrial Disputes Division of the Third Regional Office of the *National War Labor Board* until December 31, 1945.

Candidate: for membership in the General Assembly of the Commonwealth of Pennsylvania.

Member: Inter-cultural Committee of the United Nations Council of Philadelphia.

WYLIE, LAURENCE W.

Lectures: "Poetry at the Sorbonne," 1833-1868"—Modern Language Association; "A Program for French in College"—Modern Language Teachers, Phila. Chapter, November, 1945.

Member: Polish Sub-Committee. American Friends Service Committee.

Member: Work Camp Committee. American Friends Service Committee.

Member: Advisory Committee on Student Activities. American Friends Service Committee.

Vice-President: Association of French Teachers, Philadelphia Chapter, 1946.

Contest Committee: Pennsylvania Association of Teachers of French.

College Offset Press, 148-150 N. 6th St., Phila 6, Pa.

Haverford College Bulletin

1946-1947

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Haverford College Bulletin

1946 - 1947

HAVERFORD, PENNSYLVANIA

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1946

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

	S	M	T	W	T	F	S
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1947

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

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

CALENDAR
1946–1947

Registration of all new students.....Sept. 16–17
Beginning of College Year with Assembly, 9 A.M.; registration of returning students.....Sept. 18
First-Semester Classes begin, 8 A.M.....Sept. 19
Thanksgiving Recess (dates inclusive).....Nov. 28–Dec. 1
First Quarter ends.....Nov. 27
Last date for selection of Major Departments by students who have been in attendance three terms.....Dec. 9
Christmas Recess (dates inclusive).....Dec. 22, 1946–Jan. 5, 1947
First-Semester Classes in Major Subjects end for graduating Seniors .....Jan. 11
Senior Comprehensive Examinations.....Jan. 15–18
First-Semester Classes end (except for graduating Seniors in Major Subjects) .....Jan. 16
Mid-year Examinations .....Jan. 20–31

Second Semester begins with Registration of all new students, 9 A.M.; approved Second-Semester Programs of returning students must be filed by 5 P.M.....Feb. 3
Second-Semester Classes begin, 8 A.M.; Assembly, for all students, 11 A.M.....Feb. 4
Third Quarter ends.....Mar. 29
Spring Recess (dates inclusive).....Mar. 30–Apr. 6
Last date for selection of Major Departments by students who have been in attendance three terms.....Apr. 29
Last date for submission of Prize Manuscripts.....Apr. 29
Second-Semester Classes in Major Subjects end for graduating Seniors .....May 17
Senior Comprehensive Examinations.....May 21–24
Second-Semester Classes end (except for graduating Seniors in Major Subjects).....May 22
Final Examinations .....May 26–June 6
Commencement Day .....June 7

HAVERFORD COLLEGE

GENERAL DESCRIPTION

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

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

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

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

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

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

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

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

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

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

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

The first College building was Founders Hall, erected in 1833; with additional wings, it is still in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940–41, has special facilities for research and contains approximately 169,000 volumes.

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

CORPORATION OF HAVERFORD COLLEGE

Officers

Dr. S. Emlen Stokes, *President*.....Moorestown, N. J.

J. Henry Scattergood, *Treasurer*.....1616 Walnut St., Phila. 3

John F. Gummere, *Secretary*.....W. School Lane and Fox St., Phila. 44

Members of the Standing Nominating Committee of the Corporation

Term Expires 1947

Stanley R. Yarnall.....5337 Knox St., Phila. 44
Irvin C. Poley.....6012 Chew St., Phila. 38
Arthur J. Phillips.....274 S. Felton St., Phila. 39

Term Expires 1948

Henry C. Evans.....635 Manatawna Ave., Phila. 28
Wilmot R. Jones.....Alapocas Drive, Wilmington, Del.
Richard M. Sutton.....785 College Ave., Haverford, Pa.

Term Expires 1949

William M. Maier.....Bailey Building, Phila. 7, Pa.
I. Thomas Steere.....375 W. Lancaster Ave., Haverford, Pa.
Paul W. Brown.....Downingtown, Pa.

Board of Managers

Ex-officio as Officers of Corporation

Dr. S. Emlen Stokes, *President*.....Moorestown, N. J.
J. Henry Scattergood, *Treasurer*.....1616 Walnut St., Phila. 3
John F. Gummere, *Secretary*.....W. School Lane and Fox St., Phila. 44

Term Expires 1947

J. Stogdell Stokes.....Summerdale, Phila. 24
M. Albert Linton.....4601 Market St., Phila. 39
Francis R. Taylor.....910 Girard Trust Bldg., Phila. 2
Edward Woolman.....Haverford, Pa.
Thomas W. Elkinton.....121 S. 3rd St., Phila. 6
Morris E. Leeds.....4901 Stenton Ave., Phila. 44
Henry C. Evans.....635 Manatawna Ave., Phila. 28
William M. Maier.....Bailey Building, Phila. 7
J. Colvin Wright*.....116 E. Penn St., Bedford, Pa.

Term Expires 1948

Charles J. Rhoads.....Ithan Road, Bryn Mawr, Pa.
Edward W. Evans.....304 Arch St., Phila. 6
William A. Battey.....Liberty Trust Building, Phila. 7
Dr. Frederic C. Sharpless.....Rosemont, Pa.
John A. Silver.....Tabor Rd. and E. Adams Ave., Phila. 20
Alfred Busselle.....220 E. 36th St., New York, N. Y.
Wilmot R. Jones.....Alapocas Drive, Wilmington, Del.
William B. Bell.....Rockefeller Plaza, New York, N. Y.
Paul V. R. Miller*.....1700 Girard Trust Bldg., Phila. 2
Charles S. Ristine*.....Fidelity-Phila. Trust Bldg., Phila. 9

Term Expires 1949

Frederic H. Strawbridge.....801 Market St., Phila. 7
Jonathan M. Steere.....1318 Girard Trust Bldg., Phila. 2
L. Hollingsworth Wood.....133 E. 40th St., New York, N. Y.
Stanley R. Yarnall.....5337 Knox St., Phila. 44
William W. Comfort.....Haverford, Pa.
Dr. Henry M. Thomas, Jr.....1201 N. Calvert St., Baltimore, Md.
Alexander C. Wood, Jr.....325 Chestnut St., Phila. 6
Harold Evans.....1000 Provident Trust Bldg., Phila. 3
W. Nelson West, III*.....1411 Walnut St., Phila. 2

Faculty Representatives on Board of Managers

Term Expires 1947
Richard M. Sutton

Term Expires 1948
Howard M. Teaf, Jr.

Alternates, 1946-47: Cletus O. Oakley and Ralph M. Sargent

Officers

Chairman of Board
Dr. S. Emlen Stokes

Secretary of Board
W. Nelson West, III

*Alumni Representative Manager.

Standing Committees of the Board of Managers of the Corporation of Haverford College

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

Executive Committee

S. Emlen Stokes, *Chairman*
Thomas W. Elkinton
Edward W. Evans
John F. Gummere
Wilmot R. Jones
Morris E. Leeds
Charles S. Ristine
J. Henry Scattergood
Frederic C. Sharpless
Jonathan M. Steere
J. Stogdell Stokes
Wm. Nelson West, 3rd

Committee on Finance and Investments

Jonathan M. Steere, *Chairman*
Morris E. Leeds
M. Albert Linton
William M. Maier
J. Henry Scattergood
Alexander C. Wood, Jr.

Committee on College Property and Farm

Henry C. Evans, *Chairman*
William A. Battey
Thomas W. Elkinton
Paul V. R. Miller
John A. Silver
Frederick H. Strawbridge
Edward W. Woolman

Committee on Honorary Degrees

Henry M. Thomas, Jr., *Chmn.*
William W. Comfort
Harold Evans
M. Albert Linton
Francis R. Taylor
Stanley R. Yarnall

Library Committee

Alexander C. Wood, Jr., *Chmn.*
William W. Comfort
Wilmot R. Jones
L. Hollingsworth Wood

Counsel

MacCoy, Brittain, Evans and Lewis
1632 Chestnut Street, Philadelphia 3

FACULTY

GILBERT FOWLER WHITE ..... President
S.B., S.M., and Ph.D., University of Chicago

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

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

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

ALBERT HARRIS WILSON ..... Professor of Mathematics, *Emeritus*
S.B. and S.M., Vanderbilt University
Ph.D., University of Chicago

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

FREDERIC PALMER, JR. ..... Professor of Physics, *Emeritus*
A.B., A.M., and Ph.D., Harvard University

LEON HAWLEY RITTENHOUSE ..... Professor of Engineering, *Emeritus*
M.E., Stevens Institute of Technology

(The active members of the Faculty are arranged in the order of their appointment to their present rank. Two or more appointed in the same year are listed in alphabetical order.)

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

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

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

WILLIAM BUELL MELDRUM.....John Farnum Professor of Chemistry (1927)
B.A. and M.Sc., McGill University
Ph.D., Harvard University

LEVI ARNOLD POST.....Professor of Greek (1933)
A.B. and A.M., Haverford College
A.M., Harvard University
B.A. and M.A., Oxford University

EMMETT REID DUNN.....David Scull Professor of Biology (1934)
A.B. and A.M., Haverford College
Ph.D., Harvard University

EDWARD DOUGLAS SNYDER.....Professor of English (1935)
A.B., Yale University
A.M. and Ph.D., Harvard University

FRANK WHITSON FETTER.....Professor of Economics (1936)
A.B., Swarthmore College
A.M., Harvard University
A.M. and Ph.D., Princeton University

JOHN ALEXANDER KELLY.....Professor of German (1937)
A.B., Emory and Henry College
A.M. and Ph.D., Columbia University

DOUGLAS VAN STEERE.....Professor of Philosophy (1941)
S.B., Michigan State College
B.A., Oxford University
A.M. and Ph.D., Harvard University

CLETUS ODIA OAKLEY.....Professor of Mathematics (1942)
B.S., University of Texas
S.M., Brown University
Ph.D., University of Illinois

RICHARD MANLIFFE SUTTON*.....Professor of Physics (1942)
S.B., Haverford College
Ph.D., California Institute of Technology

RALPH MILLARD SARGENT.....Professor of English (1943)
A.B., Carleton College
Ph.D., Yale University

CARL BARNETT ALLENDOERFER.....Professor of Mathematics (1946)
S.B., Haverford College
B.A. and M.A., Oxford University
Ph.D., Princeton University

HOWARD MORRIS TEAF, JR.*.....Professor of Economics (1946)
B.S. in Economics, A.M., and Ph.D., University of Pennsylvania

---

ALFRED JULIUS SWAN.....Associate Professor of Music (1931)
B.A. and M.A., Oxford University

JOHN GOODWIN HERNDON**.....Associate Professor of Government (1933)
A.B. and M.A., Washington and Lee University
Ph.D., University of Pennsylvania

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* Absent on leave, second semester, 1946–47.
** Absent on leave, 1946–47.

JOHN WILLIAM FLIGHT.....Associate Professor of Biblical Literature (1936)
B.A., Hope College
M.A., Yale University
B.D. and Ph.D., Harvard University

HARRY WILLIAM PFUND**.....Associate Professor of German (1936)
A.B., Haverford College
A.M. and Ph.D., Harvard University

HOWARD COMFORT.....Associate Professor of Latin and Greek (1938)
A.B., Haverford College
A.M. and Ph.D., Princeton University
F.A.A.R., American Academy in Rome

ALEXANDER JARDINE WILLIAMSON.....Associate Professor of Romance Languages (1939)
A.B., Haverford College
A.M. and Ph.D., Princeton University

ROY EARL RANDALL.....Associate Professor of Physical Education (1941)
Ph.B., Brown University

THOMAS EDWARD DRAKE*.....Associate Professor of American History (1942)
A.B., Stanford University
M.A., University of Michigan
Ph.D., Yale University

CLAYTON WILLIAM HOLMES.....Associate Professor of Engineering (1942)
B.S. and M.E., University of New Hampshire
A.M., Haverford College

RICHARD MAX BERNHEIMER.....Associate Professor of History of Art (1943)
Ph.D., University of Munich

WILLIAM EDWARD CADBURY, JR.....Associate Professor of Chemistry (1944)
S.B. and A.M., Haverford College
Ph.D., University of Pennsylvania

THOMAS OSWELL JONES**.....Associate Professor of Chemistry (1944)
B.E., Oshkosh Teachers College
Ph.M. and Ph.D., University of Wisconsin

ABRAHAM PEPINSKY.....Associate Professor of Psychology and Music (1945)
B.A. and M.A., University of Minnesota
Ph.D., The State University of Iowa

CHARLES WILBUR UFFORD.....Associate Professor of Engineering (1945)
A.B., Haverford College
B.S., Massachusetts Institute of Technology
M.A. and Ph.D., Harvard University

BJARNE BRAATOY.....Associate Professor of Government (1946)
Law Degree, University of Oslo, Norway.
Ph.D., University of London.

HOWARD KNICKERBOCKER HENRY.....Assistant Professor of Botany (1939)
B.S., University of Pennsylvania

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* Absent on leave, second semester, 1946-47.
** Absent on leave, 1946-47.

THEODORE BRINTON HETZEL.....Assistant Professor of Engineering (1940)
S.B., Haverford College
B.S. in M.E., University of Pennsylvania
M.S. and Ph.D., Pennsylvania State College

ALFRED WILLIAM HADDLETON....Assistant Professor of Physical Education (1941)

LOUIS CRAIG GREEN .....Assistant Professor of Astronomy (1942)
A.B., A.M., and Ph.D., Princeton University

LAURENCE WILLIAM WYLIE.....Assistant Professor of French (1944)
B.A. and M.A., University of Indiana
Ph.D., Brown University

MANUEL JOSE ASENSIO.....Assistant Professor of Spanish (1945)
B.A., University of Granada
Pericial de Aduanas, Academia Official de Aduanas, Madrid
M.A., University of Pennsylvania

WILLIAM DOCHERTY.....Assistant Professor of Physical Education (1946)
S.B., Temple University

PETER CASPAR DUISBERG.....Assistant Professor of Chemistry (1946)
B.S. and M.S., Pennsylvania State College
Ph.D., University of Arizona

FRANCIS COPE EVANS.....Assistant Professor of Biology (1946)
S.B., Haverford College
D.Phil., Oxford University

JOHN ASHBY LESTER, JR.....Assistant Professor of English (1946)
B.S., Haverford College
A.M. and Ph.D., Harvard University

W. THEODORE PAULLIN.....Acting Assistant Professor of History (1947)
B.A., M.A. and Ph.D., University of Wisconsin

MARTIN FOSS.....Visiting Professor of Philosophy and Government
LL.D., University of Jena

JOHN DUNCAN SPAETH.....Visiting Professor of English Literature
A.B. and LL.D., University of Pennsylvania
Ph.D., University of Leipzig
Litt.D., University of Pittsburgh and Muhlenberg College
LL.D., University of Oregon

IRA DE AUGUSTINE REID.....Visiting Professor of Sociology
A.B., Morehouse College
M.A., University of Pittsburgh
Ph.D., Columbia University

DANIEL FRANCIS COOGAN, JR.....Visiting Assistant Professor of German
A.B., Haverford College
M.A., and Ph.D., University of Wisconsin

HERBERT WILLIAM TAYLOR.....Lecturer in Hygiene (1932)
A.B., Haverford College
M.D., University of Pennsylvania

ARLINGTON EVANS.....Instructor in Physical Education (1921)
B.P.E., Normal College A. G. U.
M.S., Temple University

JOHN OTTO RANTZ.....Instructor in Engineering (1940)
Graduate of the Williamson Free School of Mechanical Trades

THOMAS ALONZO BENHAM.....Instructor in Physics (1942)
B.S. and M.S., Haverford College

ELISA ASENSIO.....Instructor in Spanish (1943)

EDWARD GRANT MEADE.....Instructor in Government (1946)
A.B., Dartmouth College
M.A., University of Wisconsin
M.A.L.D., Fletcher School of Law and Diplomacy

MICHAEL SAVVITCH COOPER*.....Instructor in Russian (1946)
Cum Maxima Laude, University of Odessa

EVAN BAIRD DAVIS.....Instructor in German 1946)
A.B., Amherst College
A.M., University of Pennsylvania

RICHARD HARDIN WARREN.....Instructor in English (1947)
A.B., Haverford College

WILLIAM VIACHESLAV CHERRY.....Instructor in Russian (1947)
Graduate of Emperor Paul's Military Academy, St. Petersburg
LL.B., University of Pennsylvania

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

---

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

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

LESSING ANTHONY KAHN.....Assistant in Psychology
B.A., University of Illinois
M.A., University of Buffalo

ROBERT LEE BOWDEN.....Assistant in Chemistry

SAMUEL TUCKER FOX, III.....Assistant in English

JESSE GYGER GRIER.....Assistant in Chemistry
B.S., Haverford College

HENRY EDWIN VINSINGER, JR.....Assistant in Chemistry

JAMES BOYER WRIGHT.....Assistant in Chemistry
A.B., Haverford College

The Dean and the Comptroller are members of the Faculty.

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* Deceased.

OFFICERS OF ADMINISTRATION

GILBERT FOWLER WHITE.....*President*
S.B., S.M., and Ph.D., University of Chicago

ARCHIBALD MACINTOSH.....*Vice-President*
A.B., Haverford College
M.A., Columbia University

GILBERT THOMAS HOAG.....*Dean*
A.B., Haverford College
A.M. and Ph.D., Harvard University

ALDO CASELLI.....*Comptroller*
D.S.E. and C., University of Naples

DEAN PUTNAM LOCKWOOD.....*Librarian*
A.B., A.M., and Ph.D., Harvard University

HERBERT WILLIAM TAYLOR.....*Physician in Charge*
A.B., Haverford College
M.D., University of Pennsylvania

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

THOMAS EDWARD DRAKE.....*Curator of the Quaker Collection*
A.B., Stanford University
M.A., University of Michigan
Ph.D., Yale University

BENNETT SMEDLEY COOPER.....*Alumni Secretary and Assistant to the President*
B.S., Haverford College

SEATON SCHROEDER.....*Superintendent of Buildings and Grounds*

MRS. ETHEL ELIZABETH BEATTY.....*Dietician*

AMY LYDIA POST.....*Assistant Librarian*
A.B., Earlham College

MABEL SYLVIA BEARD.....*Resident Nurse*
R.N., Lankenau Hospital

ALICE MATTSON BERRY.....*Secretary to the President*

GERTRUDE MANN WONSON.....*Admissions Office*
B.S., Simmons College

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President and the Vice-President are ex-officio members of all committees. The President, the three elected divisional representatives of the Faculty, the Vice-President and the Dean compose the Academic Council. Under the chairmanship of the President this body meets occasionally to consider student petitions and matters of college policy. The elected members for 1946-47 are Messrs. Watson (Social Science), Allendoerfer (Natural Sciences), and Comfort (Humanities).

Academic Standing

Mr. Benham, *Chairman*
Messrs. Docherty, Holmes, Pepinsky, Snyder

Admissions

Mr. MacIntosh, *Chairman*
Messrs. Allendoerfer, Kelly, Ufford, Watson

College Program

Mr. Oakley, *Chairman*
Messrs. Cadbury, Fetter, Hoag, Lester, Teaf

Curriculum and Honors

Mr. Sutton, *Chairman*
Messrs. Dunn, Hoag, Fetter, Wylie

Fellowships and Prizes

Mr. Comfort, *Chairman*
Messrs. Coogan, Drake, Foss, Haddleton, Hetzel

Graduate Students

Mr. Flight, *Chairman*
Messrs. Allendoerfer, Lunt, Steere, Wylie

Library

Mr. Sargent, *Chairman*
Messrs. Braatoy, F. Evans, Green, Lockwood, Post

Pre-Medical Education

Mr. Meldrum, *Chairman*
Messrs. Cadbury, Dunn, Henry, Pepinsky, Taylor

Student Affairs

Mr. Randall, *Chairman*
Messrs. Asensio, Hoag, Rantz, Watson, Williamson

REGULATIONS

ADMISSION

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

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

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

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and some Achievement Tests given by the same Board. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition, the applicant must obtain blank forms from the College, on which he must submit his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work.

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

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

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

Veterans who have not previously attended Haverford are required to take the Special Aptitude Test for Veterans given by the College Entrance Examination Board. Information about this test is given below. Academic credit for courses taken elsewhere will be considered on an individual basis.

INFORMATION CONCERNING COLLEGE ENTRANCE BOARD TESTS

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

The Board publishes a Bulletin of Information, which may be obtained without charge. It contains rules regarding applications, fees and reports; rules for the conduct of the tests; advice to candidates; descriptions of the tests; sample questions, and lists of examination centers.

Candidates should make application by mail to the College Entrance Examination Board, Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish forms for the December, April, June or August tests. Applications for any particular series will not be available until after the preceding series has been held.

The College Entrance Examination Board will hold a complete series of examinations on each of the following dates during the academic year 1946-47:

Saturday, December 7, 1946 — Saturday, June 7, 1947
Saturday, April 12, 1947 — Wednesday, August 27, 1947

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

8:45 A.M. — Scholastic Aptitude Test (three hours)

8:45 A.M. — Comprehensive Mathematics Test, including a short form of the verbal section of the Scholastic Aptitude Test (three hours)

1.45 P.M. — Achievement Tests — not more than three of the following one-hour tests may be taken:

English Composition	Spanish Reading
Social Studies	Biology
French Reading	Chemistry
German Reading	Physics
Latin Reading	Spatial Relations

1:45 P.M. — *Special Aptitude Test for Veterans (three hours) — All candidates will take Section I, Section II, and *one* of the three options in Section III:

Section I — Verbal
Section II — Mathematical
Section III — Spatial Relations *or* Physical Science *or* Social Studies Reading

The schedule does not permit a candidate to take both the Scholastic Aptitude Test and the Comprehensive Mathematics Test or both the Achievement Tests and the Special Aptitude Test for Veterans.

Each application should be accompanied by the appropriate examination fee. A detailed schedule of fees follows:

Both Scholastic Aptitude Test and one, two, or three achievement tests	$9.00
Both Comprehensive Mathematics Test and one, two, or three achievement tests	9.00
Both Comprehensive Mathematics Test and Special Aptitude Test for Veterans	9.00
Scholastic Aptitude Test when taken alone	5.00
Comprehensive Mathematics Test when taken alone	6.00
One, two, or three achievement tests when taken alone	6.00
Special Aptitude Test for Veterans when taken alone	6.00

* The Special Aptitude Test for Veterans will also be administered by the Board on the second and fourth Saturday afternoon of each month in the following cities: Berkeley, Cal.; Cambridge, Mass.; Chicago, Ill.; Los Angeles, Cal.; New York, N. Y.; Philadelphia, Pa.; Pittsburgh, Pa.; Washington, D. C. The fee for this test is six dollars. Veterans should secure application forms and other pertinent information directly from the Board. Only duly authorized veterans will be admitted.

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

	December 1946 Series	April 1947 Series	June 1947 Series	August 1947 Series
For examination centers located				
East of the Mississippi River or on the Mississippi River	November 16	March 22	May 17	August 6
West of the Mississippi River or in Canada, Mexico, or the West Indies.....	November 9	March 15	May 10	July 30
Outside of the United States, Canada, Mexico, or the West Indies.....	October 19	February 22	April 19	July 9

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

Candidates are urged to send in their applications and fees as early as possible, preferably at least several weeks before the closing date, since early registration allows time to clear up possible irregularities which might otherwise delay the issue of reports.

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

ADVANCED STANDING

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

CURRICULUM

General

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

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

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

Acceleration

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

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

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

Required Courses

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

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

LIMITED ELECTIVES

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

The details of the requirement were changed during June, 1946.

The new requirements, which must be fulfilled by all men entering Haverford in September, 1946, and thereafter, are as follows:

1. FOREIGN LANGUAGES: One full-year course in a foreign language beyond the elementary grade. For the purpose of this requirement, all foreign language courses with catalog number 1, with the exception of Greek 1, are considered as of elementary grade. (N.B. A single full-year language course, if included among those listed under the Humanities requirements below, will satisfy the requirements in both Group I and Group II.)

2. HUMANITIES: The requirement may be met by passing four semester courses from the list below:

Biblical Literature 1*a*, 2*b*, 4*b*, 6*b*, 8*b*.
English 11*b*, 12*a*, 14*a*, 14*b*, 21*b*, 22*b*, 26*b*, 30*b*, 32*b*.
French 16*b*, 17*a*, 18*b*, 19*a*, 19*b*.
German 5*a*, 6*b*, 11*a*, 12*b*.
Greek 1, 2, 27*a*.
History of Art (At Bryn Mawr College, with the consent of the Dean of Haverford College).
Latin 5*a*, 6*b*, 7, 36*b*.
Philosophy 3*a*, 5, 7*a*, 9*a*, 10*b*, 11*b*, 15*a*.
Music 1, 2.
Spanish 5*a*, 6*b*, 7*a*, 8*b*.

Of these courses at least two must be from the following list of courses with a pronounced philosophical content: Biblical Literature 4*b*, 6*b;* Philosophy 3*a*, 5, 7*a*, 10*b*; and at least two semester courses must be chosen from the above list in departments other than Biblical Literature and Philosophy.

3. NATURAL SCIENCES: The requirement may be met by passing two semester courses in each of two of the following groups:

(a) Biology 1
Biology 2*a*, 2*b*
Psychology 1
(b) Chemistry 1*a*, 2 (*a* or *b*), 3*b*
Physics 1

Physics 2

(c) Astronomy 1*a*, 2*b*
Mathematics 1
Geography and Geology 1

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

Economics 1
Government 1*a*, 2*b*, 3*a*, 9*a*, and certain other courses in the Government Department to be specified later.
History 1, 2, 3, 5, 6, 12*a*, 14*b*
Sociology 1*a*, 2*b*, 4*b*

The new requirements make no change in the required year of Freshman English.

The earlier requirements, which apply to men who entered Haverford before September, 1946, are as follows:

1. Foreign Languages: One full-year course in a language beyond the elementary grade. (N.B. A single full-year language course, if included among those listed in group 2, will satisfy the requirements in both group 1 and group 2.) For the purposes of this requirement, all foreign language courses with catalog number 1, with the exception of Greek 1, are considered as of elementary grade.

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

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

English 8*b*, 11*b*, 12*a*, 14*a*, 14*b*, 21*b*, 22*b*, 23*a*, 26*a*, 26*b*, 27*a*, 30*b*, 32*b*, 36*b*, 41*a*, 42*b*, 43*a*
French 16*b*, 17*a*, 18*b*, 19*a*, 19*b*
German 5*a*, 6*b*, 11*a*, 12*b*, 13*a*, 14*b*, 15*a*, 17*a*, 18*b*
Greek 2, 3*a*, 4*b*, 7*a*, 8*b*, 9*a*, 10*b*, 27*a*
History of Art (all courses)
Latin 5*a*, 6*b*, 7, 9*a*, 10*b*, 11, 17, 36*b*
Music 1, 2, 20*a*
Spanish 5*a*, 6*b*, 7*a*, 8*b*, 9*a*, 10*b*

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

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

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

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

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

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

MAJOR CONCENTRATION

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

Definite requirements are stated under the name of each department on pages 46–75 and are understood as applying to the classes of 1948 and following. During the fourth term of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and must apply to him for written approval of a program of courses for the last four terms. Such a program must provide for the completion, by the end of the Senior year, of no fewer than six courses, at least three of which must have been in the Major Department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major Program, signed by his Major Supervisor, will entail a fine of $5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth term. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

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

If, at the time specified for application, the average of the grades obtained by a student in the "preliminary courses"* and "Major

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

Requirements" of any department is 75 or above, the student will be accepted by that department.

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

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

The student shall list on his Major registration form *only* those courses which constitute his Major Program.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure, a candidate may, with the permission of his Major Department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

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

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

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

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

FREE ELECTIVES

A number of courses sufficient to bring the total to forty semester-courses shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the

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

PROGRAMS

Freshman Program

Although the Faculty Adviser is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take one foreign language and courses in History, Mathematics, Science (but not more than one in each of these three Departments).

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

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

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

In cooperation with the Departments of English and of Psychology the Dean administers a series of standard tests to all entrants within the first few days of each term. The results of these tests are used to help Freshmen readjust, if necessary, their selection of courses. These tests are also used to determine which Freshmen should be recommended to take the voluntary course in Remedial Reading. This course is offered each term, for no credit, to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed when studying reading assignments.

Sophomore, Junior, and Senior Programs

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

CONFLICTING COURSES

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

Additional Courses

In general, Freshmen will be permitted to take only five courses. Sophomores and upperclassmen may take a sixth course only if they have passed five courses in the preceding semester with an average of not less than 80. Exceptions to this rule may be made at the discretion of the Dean in the case of Seniors in their last semester in college. A fee of $25 per semester is charged for every additional course.

Special Cases

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

Intercollegiate Courtesy

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

Students desiring to take advantage of this arrangement should secure permission from the Dean and from the chairman of the Department at the college in which the course is given. It is also desirable that the instructor giving the course be consulted in advance. It is the student's responsibility to register in the selected course on registration day at the institution where the course is to be given.

Graduate students will obtain similar permission from the Committee on Graduate Students. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

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

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large number of Haverford College students desire, after graduation, to enter upon courses of study fitting them for professions.

For students desiring preparation for the professional schools in Engineering, Medicine, and other highly specialized subjects the College offers combinations of courses which will prepare its graduates for admission, with full standing and in many cases with advanced credit, to the best professional schools in the country.

To illustrate this feature of the curriculum sample outlines of study preparatory to specialization in Engineering, Medicine, Law, and Business Administration are presented on the following pages. Similar outlines might be prepared for other professions, such as Teaching, the Ministry, Journalism, Industrial Chemistry, etc.

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

PREPARATION FOR ENGINEERING

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

Freshman Year

Principles of Engineering Drawing, etc.
Engineering Orientation, Surveying, etc.
Inorganic Chemistry and Qualitative Analysis
Mathematics
English
Foreign Language

Sophomore Year

Kinematics of Machines
Analytical Mechanics
General Physics
Calculus
Elementary Economics
History or Foreign Language

Junior Year

Elements of Electrical Engineering
Fluid Mechanics
An Introduction to Sociology
Accounting
Humanities Limited Electives (3)
Government and Business
Social Science Limited Elective
Seminar in Engineering

Senior Year

Heat Engineering
Mechanics of Materials
Statistics
The Corporation
Management and Industrial Relations
Elective in Engineering, Mathematics, Chemistry or Physics
Humanities Limited Elective
Electives (3)
Comprehensive Examination
Seminar in Engineering

PREPARATION FOR MEDICINE

In consequence of the relatively large number of students who prepare for medical school at Haverford, the premedical program has become a distinctive feature of the work of the College. The program is under the direction of the Premedical Committee of the Faculty (see page 21), the members of which stand ready to advise students on matters of premedical interest. The program makes provision not only for the necessary courses in the premedical

sciences but also for a sufficient number of courses in the non-science fields to ensure the student a well-balanced education. Over-specialization in science in the premedical course is not encouraged by the College nor by the medical schools. The required courses in the premedical sciences number 8 (8½ if the study of chemistry is begun in college), so that an ample number of courses remain to meet any special requirements of the medical schools and the requirements of the College in *limited electives,* as well as to enable the student to choose a Major in accord with his scholastic interest. A premedical student is free to choose any Major for which he is qualified, but he must do creditable work in the premedical sciences in order to secure a favorable recommendation to medical school.

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

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

Certain medical schools have additional specific requirements: Johns Hopkins University requires both French and German, and also elementary Latin; the University of Pennsylvania requires English literature; the University of Michigan requires botany; Harvard and Johns Hopkins require advanced organic chemistry; and so on. The premedical student must see to it that such special requirements of the medical school of his choice are met in his college program. Many medical schools advise that English, sociology, economics, philosophy, and other courses in non-science sub-

jects be included in the premedical program. If American history has not been studied in high school, it must be taken in college in order to meet a requirement of State Boards of Medical Licensure. A premedical aptitude test, prepared by the Association of American Medical Colleges, is given each year, usually in December, and this must be taken by all candidates for admission to medical school in that year. Due notice of the date for this test will be given.

PREPARATION FOR THE LAW

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

Freshman Year

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

Sophomore Year

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

Junior Year

Elementary Psychology
English Constitutional History
Government and Business
Constitutional Law
Accounting

Senior Year

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

PREPARATION FOR BUSINESS ADMINISTRATION

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

Junior Year

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

Senior Year

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

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

PREPARATION FOR PUBLIC ADMINISTRATION

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

GRADING OF STUDENTS

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

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

DELINQUENT STUDENTS

A student who achieves a grade of 50–60 (E) as his term mark in any course is allowed a special examination in September following the failure, immediately before the opening of College. Seniors who achieve 50–60 in any course (except in the Major Examination, see page 28), are permitted to take the special examination during Commencement Week. These examinations, known as make-up examinations, are scheduled only upon written request by the student and on the payment of the fee of $5.00 for each examination. The request and the fee must be received by the Registrar ten days before the opening of College in September. Late applicants are subject to an additional fee of $5.00. A student who achieves a grade below 50 is not permitted to take a special examination in that course.

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

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

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

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

DEGREES

Bachelor of Arts and Bachelor of Science

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

Master of Arts and Master of Science

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. A candidate should have a reading knowledge of one foreign language, ancient or modern.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) * and to do satisfactory additional intensive work, which may take the form of a thesis or other research, equivalent at least to a full course. At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may be required, at the discretion of the professor in charge, to pass a comprehensive examination upon the field of his Major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Graduate Students. After approval

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

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

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

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

Fellowships.—Five graduate fellowships of $1000 each are available every year primarily for members of the Society of Friends and for the graduates of other Friends' Colleges in the United States, who wish to proceed with their education in any department of Haverford College, provided the candidate and his proposed schedules of study are approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least $300. Students must board and reside at Haverford College unless, by arrangement with the Dean, they live at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by the following records: a certified list of the applicant's courses and grades as an undergraduate; a statement of his draft status; three letters concerning the character, personality, financial condition, and qualifications of the applicant; a copy of the catalog of the institution in which the applicant was an undergraduate; and a small photograph. Applications and other material should be in the hands of the Dean of Haverford College before March 1 to secure consideration for the following year.

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

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses; a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention, Preliminary Honors,* and *Final Honors.*

*Honorable Mention** will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, and additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and creditably pass an examination on the additional work required. Two courses of one term each in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with that course, may do so, with the consent of the professor in charge, during the Sophomore year.

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

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a Major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the Major Department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors the verdict of an outside examiner may be obtained if deemed desirable. The vari-

* Honorable mention is awarded in Freshman English in connection with the work English 2*b*.

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

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

FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 22) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the $100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of $35 is required of all new students at the time their application is accepted. A similar deposit is required also by those students who have not been in attendance at the college during the term immediately preceding the one when they are planning to return to Haverford College. This amount will be deducted from their bill for the following year. If the student fails to present himself at the beginning of the term for which he has been enrolled, the deposit will be forfeited.

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

EXPENSES

The tuition charge for all regular students is $500 for the academic year. Tuition for special students is $65 per course per term. The total charge for tuition, board ($11 per week), and room rent ($100 to $225, according to location) varies from $974.00 to $1089.00 for the year. These charges, which are subject to alteration by the Board of Managers, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.* a bureau and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets, and towels. In general, two students share one study and each has his private bedroom adjoining. A few single rooms are also available.

The College requires that bills rendered August 15th and January 15th for the Fall and Spring semesters for room and board, tu-

ition, activity fee and deposit for incidentals be paid in full before the beginning of the semester. It is suggested that in order to avoid last minute congestion, bills be paid by mail in advance. Course cards will be issued in person at the Comptroller's office.

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

Additional expenses include textbooks, which need not exceed $25–$40 a year, and various fees and special charges. A list of these will be supplied on request by writing to the office of the Comptroller. They include fees for repeated courses, make-up examinations, degrees, and late registration.

COLLEGE RESPONSIBILITY

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

The College is not responsible for accidents or injury even if sustained in the course of training or instructions. A coverage of $500.00 per accident is offered by means of a group accident policy written by "Accident and Health Department of the General Accident Assurance Corporation of Philadelphia, Pa." Application blanks will be mailed for the convenience of parents together with original bills covering regular charges. Premium is $13.00 per calendar year.

MONTHLY PAYMENTS

Since some parents may prefer to pay tuition and other college fees in equal monthly installments during the academic year, we are glad to offer this convenience under The Tuition Plan. The cost is 4% greater than when payment is made in cash at the beginning of each term.

LOAN FUND

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

PLACEMENT BUREAU

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

STUDENT ACTIVITIES

STUDENT GOVERNMENT

The College Administration has delegated to the Students' Association the responsibility for nearly all aspects of student conduct on the campus; and the Students' Association has assumed this responsibility. Student Government is exercised through an elected Students' Council, on which are representatives of all the classes and of some of the undergraduate organizations.

The students at Haverford College believe that the success of self-government depends upon personal honor and individual qualities of moral integrity and social responsibility. The basis, therefore, of Student Government at Haverford is the Honor System, which is a compact entered into by all members of the Students' Association. The Honor System upholds certain standards which represent the considered opinion of the Students' Association on what is desirable conduct on the campus. It is not restricted to the conduct of examinations and the preparation of papers outside of class. It covers every phase of college life. It applies to the rules governing the presence of women in the dormitories, and to other standing regulations, which are enforced through the Students' Council with the active cooperation of all members of the Students' Association.

The Students' Council is an administrative and judicial body. It handles all phases of the administration of regulations for the Students' Association. It manages the operation of extra-curricular activities on the campus and allocates to each a percentage of the Student Activities Fee ($15 per year, charged to every undergraduate) on the basis of a yearly budget. In intercollegiate relations it serves as the representative of the Haverford student body.

The chairmanship of the Students' Council is the most important undergraduate office. The Chairman represents the student body before the Board of Managers, the College Administration, and the Faculty. He serves both as liaison officer and executive. He conveys to the College Administration the recommendations of the Students' Council in disciplinary matters.

The Honor Pledge, which is quoted below, is called to the attention of each applicant for admission to Haverford College. It is signed upon entrance, and is signed again whenever the student

takes an examination, though its force is not limited to examinations only. In signing the pledge the individual student accepts the Honor System in its entirety, as currently in force and as it may be changed while he is an undergraduate at Haverford. Every entering student should make sure, before selecting Haverford, that he can give his active support to the Honor System. He should realize that its success, which is of great importance to him personally and to the whole student body, and indeed to the College itself, depends upon his willingness to give it his complete support.

HONOR PLEDGE

I hereby accept the Haverford College Honor System, realizing that it is my responsibility to safeguard, uphold, and preserve each part of the Honor System and the attitude of personal and collective honor upon which it is based.

SOCIETIES AND ORGANIZATIONS

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

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

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

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

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

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

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

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

STUDENT PUBLICATIONS

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

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

COURSES OF INSTRUCTION

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

ASTRONOMY

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

The equipment consists of three equatorially mounted telescopes; a 10-inch and a 4½-inch refractor and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; two sidereal clocks; a chronograph by Bond; and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 1a, 3a, 4b, 6b, 9a, 10b. Three courses to be chosen from Mathematics 2, 3, and Physics 2, 3.

Three written comprehensive examinations of three hours each.

1a. Descriptive Astronomy — Mr. Green

A general course open to all students.

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

3a, 4b. Astrophysics — Mr. Green.

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

6b. Observational Astronomy — Mr. Green.

Visual and photographic observations of the sun, moon, planets, and stars. Spectroscopic observations of the sun. Determination of latitude, longitude and time. Prerequisite, Astronomy 1a. A fee of $7.50 per semester is charged.

9a, 10b. Special Topics in Astrophysics — Mr. Green.

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

BIBLICAL LITERATURE

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

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Major Requirements

Six half-year courses in Biblical Literature.

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

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

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

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

The literature of the Bible with its historical background.

2b. The Rise of Christianity — MR. FLIGHT.

A study of the background, early development, and spread of the Christian movement, up to the third century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul and in the writings of the Church Fathers.

[Not offered in 1946–47; to be offered in 1947–48.]

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

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

6b. Comparative Religion — MR. FLIGHT.

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

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

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

(Also called History 7*a*.)

8b. The English Bible — MR. FLIGHT.

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

[Not offered in 1946–47; to be offered in 1947–48.]

(Also called English 8*b*.)

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

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

11. Hebrew — MR. FLIGHT.

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

BIOLOGY

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

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

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

Major Requirements

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

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

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

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

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

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

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

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

2b. Systematic Botany — MR. HENRY.

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

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

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the development, status, and history of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1.* A fee of $7.50 per semester is charged.

4. Local Flora — MR. HENRY.

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

5. Entomology — MR. HENRY.

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

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

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

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

Open only by permission of the instructor.

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

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

Ecology and Distribution — Problems of habitat relationships or geographical relationships of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and *8b.* MR. DUNN, MR. HENRY, and MR. F. C. EVANS.

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

CHEMISTRY

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

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

The courses approved by the American Chemical Society for the professional education of chemists, which should be completed by students expecting to apply either for admission to the universities as graduate students in chemistry or for professional positions in industrial chemistry, include those listed for the Major (see below) together with Chemistry 14*b* and 16*b*. Chemistry 7*a* and 8*b*, but not 9*b*, meet the requirement in physical chemistry. For the chemistry courses required for premedical preparation see page 00.

Major Requirements

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

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

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

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

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

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

Lectures and laboratory work dealing with the fundamentals of chemistry, the preparation, properties, and uses of the more common elements and their compounds, and the application of the general principles of chemistry to industrial processes. A fee of $6.00 is charged.

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

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

Lectures and laboratory work dealing with fundamental principles, the extraction and properties of metals, the periodic law, aqueous solutions and the ionic theory, and the structure of atoms and molecules. A fee of $6.00 is charged.

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

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

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

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

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

A study of aliphatic, aromatic, and heterocyclic compounds. In the laboratory, experiments illustrating the synthesis and chemical properties of such substances are carried out. A fee of $6.00 per semester is charged. Prerequisite, *Chemistry 2*.

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

A study of the general properties of matter using both the kinetic and thermodynamic methods, colligative and electrolytic properties of solutions, reaction

velocity and catalysis, adsorption, colloids, and the phase rule. The laboratory work involves illustrative physico-chemical measurements. A fee of $6.00 is charged. Prerequisite, *Chemistry 4a* and *Mathematics 2.*

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

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

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

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

[Not offered in 1946–47.]

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

A study of stereochemistry, carbohydrates, amino acids and proteins, essential oils, and alkaloids. The laboratory work involves the identification of organic substances by classification reactions and by the preparation of derivatives. A fee of $6.00 is charged. Prerequisite, *Chemistry 5a* and *6b.*

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

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Special syntheses constitute the laboratory work. A fee of $6.00 is charged. Prerequisite, *Chemistry 5a* and *6b.*

15b. Advanced Quantitative Analysis — Three hours. MR. MELDRUM.

Lectures and conferences dealing with general methods for the quantitative determination of the elements and the analysis of industrial materials. The laboratory work includes the complete quantitative analysis of certain inorganic materials. A fee of $6.00 is charged. Prerequisite, *Chemistry 4a.*

16b. Advanced Quantitative Analysis — Three hours.

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

[Not offered in 1946–47.]

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

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

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

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

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

Open only to graduate students in chemistry. No fee.

[Not offered in 1946–47.]

ECONOMICS

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

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

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

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

Major Requirements

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

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

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

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

1. Elementary Economics — MR. FETTER, MR. TEAF, and MR. WATSON.

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

3a. Money and Banking — MR. FETTER.

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

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

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

5a. Labor Relations — MR. WATSON.

(See Sociology 5a.)

6b. Management and Industrial Relations — MR. WATSON.

(See Sociology 6b.)

8b. Government Finance — MR. HERNDON.

(See Government 8b.)

9a. Accounting —

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

[Offered in second term 1946–47.]

10b. The Corporation — MR. TEAF.

Economic functions and legal responsibilities of the corporation and its members; types of securities; general financial policy; the distribution of securities; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a.*

[Offered in first term, 1946–47.]

11a. Government and Business — MR. TEAF.

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

(Also called Government 11a.)

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

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

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

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

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

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

In 1946–47 the course will deal with Latin American economic problems, with special reference to their bearing on the United States.

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

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

Economics 17b. Readings in Foreign Economics — MR. FETTER.

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

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

[Not offered in 1946–47.]

ENGINEERING

The objective of the Engineering Department of Haverford College is to prepare students in the fundamentals of engineering by giving them training in the sciences and engineering, together with a broad liberal arts background under the influence of the philosophical and religious atmosphere available to all Haverford students.

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

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

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

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

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

Major Requirements

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

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

Engineering seminar and comprehensive examination.

Courses in Mathematics, Physics, and Chemistry shall be considered preliminary courses as defined on page 27.

1a. Principles of Engineering Drawing and Shop Methods — Mr. Hetzel and Mr. Rantz.

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

2b. Engineering Drawing, Orientation, Surveying, and Shop Methods — Mr. Hetzel and Mr. Rantz.

Additional work on detail and assembly drawings for a complete machine. Exercises in machine-tool work, in plane surveying, and in the mechanical laboratory. Lectures will be arranged by outside specialists in the various branches of engineering for orientation purposes. Inspection trips. A fee of $11.00 is charged.

5a. Shop Methods — MR. RANTZ.

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

7a. Kinematics of Machines — MR. HETZEL.

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

8b. Analytical Mechanics — MR. HETZEL.

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course, *Mathematics 2.* No fee. Text: Seely and Ensign, *Analytical Mechanics for Engineers.*

10b. Materials of Engineering — MR. HOLMES.

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

11a. Fluid Mechanics — MR. HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices, and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of $5.00 is charged. Prerequisite, *Mathematics 2.*

12b. Thermodynamics — MR. HOLMES.

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

13a. Elements of Electrical Engineering — Four hours. MR. UFFORD.

Direct current circuits and machinery. The course includes electromagnetism, induced electromotive force, electric and magnetic fields, direct current motors and generators, commutation, armature reaction, parallel operation of generators and the systems for distributing direct current. Text: Cook, *Elements of Electrical Engineering.* A fee of $7.50 is charged.

14b. Elements of Electrical Engineering — Four hours. MR. UFFORD.

Alternating current circuits and machinery. Single and polyphase circuits, transformers, induction motors, generators, synchronous motors, single phase motors, transmission and distribution of alternating current and illumination. Text: Cook, *Elements of Electrical Engineering.* A fee of $7.50 is charged.

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

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

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

16b. Mechanics of Material — MR. HOLMES.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the testing machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials.* Inspection trips. Prerequisite, *Mathematics 2.* A fee of $7.50 is charged.

13b. Internal Combustion Engines — MR. HETZEL.

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

23a. Alternating Current Circuits — MR. UFFORD.

Resonance phenomena, coupled circuits, non-sinusoidal voltages and currents, recurrent networks, polyphase circuits, impedance and power measurements in three phase circuits, non-harmonic voltages and currents, transmission lines and transients. Text: Weinbach, *Alternating Current Circuits.* No fixed fee.

24b. Electromagnetic Engineering — MR. UFFORD.

Microwaves, transmission lines, Maxwell's equations, plane waves, reflection, wave guides, resonators, radiation from antennas and coaxial lines. No fixed fee.

25a, 26b. Special Projects in Engineering.

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

ENGLISH LANGUAGE AND LITERATURE

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

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

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

The Department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom of selection is possible for the individual student after appropriate consultation.

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

Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature. (English 11b, 21b, 22a, 23b, 41a, 42b, and 43a).

1 (a or b). Composition and Methods — MR. LESTER, MR. SNYDER, and MR. FOX.
Written composition, public speaking, methods and techniques of college work.

2 (a or b). Types of English Literature — MR. SARGENT, MR. SNYDER, and MR. WARREN.
Introduction to the study and appreciation of literature through reading and analysis of significant works of drama, poetry, fiction, and expository prose. Frequent papers and oral reports.

4b. Intermediate Composition and Oral Discussion — MR. HOAG.
Practice in expository writing and in the techniques of public discussion.

8b. The English Bible — MR. FLIGHT.
(See Biblical Literature 8b.)
[Not offered in 1946–47.]

11b. Shakespeare — MR. SARGENT.
Reading and study of twelve plays, with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

12a. Contemporary Drama — MR. SNYDER.
A study of the techniques and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

14a. American Literature to the Civil War — MR. SPAETH.
Lectures, discussions, and frequent papers.

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

21b. Nineteenth-Century Prose and Minor Poets — MR. LESTER.
Lectures and discussions, with special emphasis on the novel and controversial prose.

22a. Nineteenth-Century Poets — MR. SNYDER.
A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

23a. Elizabethan Literature — MR. SARGENT.
Chief writers of the English Renaissance, omitting Shakespeare. Prerequisite, *English 11b.*

26a. Eighteenth-Century Literature — MR. SNYDER.
The novel and the drama.

26b. Eighteenth-Century Literature — MR. WARREN.
Dr. Johnson and his Club. The chief poets, Pope, Gray, and Burns. *Ossian.*

27a. Greek Literature in English — MR. POST.
(See Greek 27a.)
Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Juniors and Seniors.

28a. Creative Writing — MR. SARGENT.
Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion, and personal conferences. Junior and Seniors.

30a. Chaucer — MR. HOAG.
Brief account of Middle English; main emphasis upon literary qualities of *Troilus and Criseyde* and *The Canterbury Tales.*

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

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

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

(See Latin 36b.)

41a. Special Topics in Nineteenth-Century Literature — MR. LESTER.

Studies in the development of nineteenth-century thought as expressed in English Literature. Three papers will be required of each student. Required of all English Majors. Apply in advance. Prerequisite, *English 21b*.

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

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Required of all English Majors. Apply in advance. Prerequisite, *English 22b*.

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

An introduction to the aims, problems, and methods of research in English literature by means of an advanced study of Shakespeare. Bi-weekly reports and one piece of original investigation. Required of all English Majors. Apply in advance. Prerequisites, *English 11b* and *English 23b*.

44b. Special Projects in English and American Literature — MR. SNYDER, MR. SARGENT, MR. HOAG, and MR. LESTER.

(Offered to cover only the most unusual situations. Apply in advance to the instructor in whose special field the proposed work lies.)

GEOGRAPHY AND GEOLOGY

1. Geography and Geology — MR. DUNN.

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

GERMAN

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

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

Major Requirements

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

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

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

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

Grammar, conversation, and the reading of simple texts.

2. Intermediate German — MR. KELLY, MR. COOGAN, and MR. DAVIS.

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

3. Advanced German — MR. KELLY.

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

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

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

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

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

10b. Advanced Composition and Conversation — MR. COOGAN.

Prerequisite, *German 3 or the equivalent.*

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

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

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

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

13a. German Romanticism — MR. KELLY.

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

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

GOVERNMENT

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

Major Requirements

Government 3a, 4b, 17a, and 18b.
Any four other courses of one term each in Government.
Any four other courses of one term each in any of the social sciences.
A three-hour examination in political philosophy.
A four-hour examination in other courses taken in the Department of Government.

1a. Elements of Political Science — MR. BRAATOY.

3a. American Federal Government — MR. MEADE.

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

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

4b. American Federal Administration — MR. HERNDON.

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

[Not offered in 1946–47.]

5a. Contemporary Legislation — MR. HERNDON.

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

[Not offered in 1946–47.]

6b. American Constitutional Law — MR. MEADE.

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

Prerequisite, *Government 3a or 4b.*

7a. American Political Parties — MR. MEADE.

A study of political parties and pressure groups in the United States, including such topics as party organizations and platforms, conduct of elections, lobbies, legal controls over parties, and political machines. Prerequisite, *Government 3a or 4b.*

8b. Government Finance — MR. HERNDON.

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, *Government 3a* unless *Economics 1* has been passed or is being taken concurrently.

[Not offered in 1946–47.]

9a. International Relations — MR. BRAATOY.

Prerequisite, Sophomore standing.

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

A study of the structure and administration of state and local government.

11a. Government and Business — MR. TEAF.

(See Economics 11a.)

13b. American Foreign Policy — MR. BRAATOY.

The evolution of American thinking on inter-governmental relations, particularly in the Twentieth Century.

14b. International Law and Organization — MR. MEADE.

Designed to acquaint students with the existence, scope and authority of international law, and the foundations, accomplishments and progress of international organization.

15a. Contemporary Government and Social Systems — MR. BRAATOY.
A study of the democratic and totalitarian systems, with particular reference to Nazi Germany, Soviet Russia, Great Britain and the United States. Prerequisite, Junior standing.

16b. Theories of Social Progress — MR. BRAATOY.
National and international perspectives of reconstruction in political thought and practice.

17a, 18b. The Development of Political Thought — MESSRS. STEERE, FOSS, and POST.
(See Philosophy 17a, 18b.)

19b. Contemporary International Policies — MR. BRAATOY.
The political, economic and social bases of conflicting nationalisms and the attempts at a reconciliation by isolationist, imperialist and regional means and by worldwide cooperation.

27b. Public Opinion and Propaganda — MR. MEADE.
A study of the nature of public opinion with reference to forces moulding or changing it, and an analysis of propaganda techniques and application, with special attention to the influence of pressure groups on the democratic society.

GREEK

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

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

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

Three additional courses to be arranged in conference with MR. POST.
If Greek 2 is not taken in college, an additional half-course will be required.
A comprehensive examination on Greek language and literature, Greek history, and Greek civilization.

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

2. Intermediate Greek — MR. POST.
A rapid reading course in such authors as Homer, Herodotus, and Euripides.

3a, 4b. Advanced Intermediate Greek — MR. POST.
Selections from Plato, Menander, Aristophanes, and the tragedians are read.

7a, 8b. Advanced Greek — MR. POST.

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

9a, 10b. Advanced Greek — MR. POST.

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

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

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

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

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. (Also called English 27a.)

HISTORY

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

Major Requirements

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

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

Four review examinations of three hours each.

1. English History — MR. LUNT.

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

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

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

3. National Development of the United States, 1865 to the Present — MR. DRAKE and MR. PAULLIN.

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

4. English Constitutional History — MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Junior and Seniors.

5. Mediaeval History — MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Sophomores who have had History 1, and for Juniors and Seniors.

6. Modern European History — MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Sophomores who have had History 1 and for Juniors and Seniors.

7a. Ancient History of the Near East — MR. FLIGHT.
Elective for undergraduates who have been in residence two terms.
(See Biblical Literature 7a.)

10b. History of Europe, 1914–1939 — MR. LUNT.
Elective for undergraduates who have been in residence two terms.

13b. Greek History — MR. COMFORT.
A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required.
Elective for undergraduates who have been in residence two terms.

HISTORY OF ART

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

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

HUMANISTIC STUDIES

1a, 2b — MR. POST.

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

LATIN

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

Major Requirements

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

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

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

1. Elementary Latin — MR. COMFORT.
Grammar, reading, composition. Prepares students for Latin 3.

3. Cicero — MR. LOCKWOOD.
Orations of Cicero and readings in other prose authors.

5a, 6b. Vergil — MR. LOCKWOOD.
Six books of Vergil's *Aeneid* and readings in other Roman poets.

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

9a, 10b. Readings in Latin Literature — MR. LOCKWOOD and MR. COMFORT.
Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

11. Survey of Medieval Latin Literature — MR. LOCKWOOD.
Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

13a or 14b. Advanced Prose Composition — MR. LOCKWOOD.
Either 13a or 14b is required of candidates for final honors.

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

36b. Latin Literature in English — MR. LOCKWOOD.
Lectures on Latin literature and civilization. Reading of Roman prose and verse, including some of the Christian writers. No knowledge of Latin is required.
(Also called English 36b.)

MATHEMATICS

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

The more advanced courses are arranged to meet the needs of three groups of students:

(1) Mathematics majors. The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching or industrial research, and for statistical and actuarial work.

(2) Students of Chemistry, Physics, and Engineering, who should take Mathematics 2 and, in many cases, Mathematics 3*a*, 4*b*, 8*b* and 11*a*.

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

Major Requirements

Mathematics 1, 2, 3a, 4b, 7a, 8b, 9a, 10b, 11a, and 16b.

Recommended collateral courses are Physics 2, 9a, 10b; or for prospective actuaries Economics 1, 9a.

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

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

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

1. Freshman Mathematics — Four hours. MR. OAKLEY, MR. ALLENDOERFER, MR. HOLMES, MR. GREEN.

Plane trigonometry, including logarithms and the solution of triangles. Functions and graphs; elements of differential and integral calculus; analytic geometry in the plane with applications to conics and other curves; introduction to the geometry of three dimensions. Selected topics in college algebra.

For students presenting trigonometry for entrance to college an advanced section will be operated in which the trigonometry is replaced by advanced solid geometry and additional topics in college algebra.

The second half of this course is offered during the first semester by Mr. Holmes.

2. Calculus — MR. ALLENDOERFER.

Differential and integral calculus with applications. Prerequisite, *Mathematics 1.*

3a. Differential Equations — MR. GREEN.

Methods of solution of the standard types of ordinary differential equations with applications to problems in physical science. Prerequisite, *Mathematics 2.*

4b. Advanced Calculus — MR. GREEN.

Advanced topics in calculus including infinite series, elliptic integrals, partial derivatives, Jacobians, line integrals, and Stokes' Theorem. Prerequisite, *Mathematics 2.*

7a. Theory of Equations — MR. ALLENDOERFER.

Advanced topics in the theory of equations; introduction to modern abstract algebra. Prerequisite, *Mathematics 2.*

[Offered 1946–47; not to be offered 1947–48.]

8b. Vectors and Matrices — MR. ALLENDOERFER.

The algebra of vectors, vector spaces, and matrices with applications to mathematical physics. Prerequisite, *Mathematics 2.*

[Offered 1946–47; not to be offered 1947–48.]

9a. Advanced Analytic Geometry — MR. WILSON.

Advanced plane and solid analytic geometry. Homogeneous coordinates. Introduction to the geometry of n-dimensions. Prerequisite, *Mathematics 2.*

10b. Projective Geometry — MR. WILSON.

Projective geometry based upon the axiomatic method. Synthetic and analytic aspects are considered. Introduction to Non-Euclidean Geometry. Prerequisite, *Mathematics 2, 9a.*

11a. Partial Differential Equations and Fourier Series.

Problem course with many applications to Chemistry, Engineering, and Physics. Prerequisite, *Mathematics 3a, 4b.*

[Not offered 1946–47; to be offered 1947–48.]

13a. Introduction to Statistics — MR. OAKLEY.

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

[Offered 1946–47; not to be offered 1947–48.]

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

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

[Offered in first and second semesters 1946–47; normally offered in second semester of alternate years; not to be offered 1947–48.]

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

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

MUSIC

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

The Alfred Percival Smith rooms in the Haverford Union are reserved for music study. There is a larger room with a Steinway Grand for the holding of classes and informal concerts organized by the Music Department, and a small library in which valuable books, scores and records are kept.

The large concerts are held in Roberts Hall where a concert piano is at the disposal of artists.

Major Requirements

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

A comprehensive examination in two parts:

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

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

1. Foundations of Music — MR. SWAN.

In the first semester this course takes up the study of melodic writing in two and three parts (counterpoint), preparatory to which is a thorough practice in the modes. All the while certain models from the 16th century are studied. In the second semester writing for instruments is undertaken, the formal models for which are analyzed from the practice of Haydn, Mozart and Beethoven. The whole course involves the laying of scientific foundations for the study of music. Fundamental musical senses are discussed.

Texts: Medtner, *The Muse and the Fashion.*
Morris, *Contrapuntal Technique of the 16th Century.*
Morris, *Foundations of Practical Harmony and Counterpoint.*
Nef, *An Outline of the History of Music.*

2. Musical Craftsmanship — MR. SWAN.

A continuation of Music 1 intended for students who are able to attempt composition on a larger scale (sonatina, sonata, string quartet, small orchestra).

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

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

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

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

21a. Advanced Musical Composition — MR. SWAN.

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

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

PHILOSOPHY

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

Major Requirements

Psychology 1a; Philosophy 5, 7a.

Four other half-year courses in Philosophy.

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

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

3a. Introduction to Philosophy — MR. FOSS.

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems. *Philosophy 3a* is recommended but not required.

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

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers; reports, lectures, and class discussions.

7a. Ethics — MR. FOSS.

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

9a. Classics of Religious Literature — MR. STEERE.

A study which will include such books as Augustine, *Confessions;* Bernard of Clairvaux, *On Consideration;* Meister Eckhart, *Sermons; Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ; Theologica Germanica;* Theresa of Avila, *Autobiography;* Francis de Sales, *Introduction to the Devout Life;* Lancelot Andrewes, *Preces Privatae;* Pascal, *Thoughts;* Isaac Penington, *Letters;* John Wesley, *Journal;* John Henry Newman, *Apologia;* George Tyrrell, *Autobiography.*

10b. Nineteenth Century Thinkers — MR. STEERE.

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

11b. Logic

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

[Not offered in 1946–47.]

12b. Philosophy of Science

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

[Not offered in 1946–47.]

14b. Aesthetics — MR. FOSS.

A study of the philosophical principles underlying the creative and appreciative aspects of art.

15a. History and Philosophy of Quakerism.

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

[Not offered in 1946–47.]

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

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

(Also called Government 17a, 18b.)

21. Philosophical Seminar — MR. STEERE and MR. FOSS.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for Seniors majoring in philosophy and for graduates.

PHYSICAL EDUCATION

The College equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a 440-yard oval and a 220-yard eight-lane straightway cinder track; the Class of 1888 and Merion Fields for association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922, used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

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

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

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

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year.

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

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

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

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

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

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

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

PHYSICS

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

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

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

Major Requirements

Physics 2, 13 and four semester courses selected from advanced offerings in Physics.

History of Physics (collateral reading).

Mathematics 3*a*, and five semester courses, subject to the approval of the major supervisor, to be selected from Chemistry, Engineering, Mathematics, or Astronomy.

A comprehensive examination based primarily upon courses taken in the Physics Department.

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

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

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

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

3. Atomic Physics — MR. SUTTON.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio E÷M for electrolytic ions; e÷m for cathode rays; prop-

erties of gaseous ions; measurement of the electronic charge *e* by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*. Laboratory fee, $7.50 per semester.

4b. Spectroscopy — MR. SUTTON.

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

[Not offered in 1946–47.]

5a. Transmission Systems — MR. BENHAM.

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

[Not offered in 1946–47.]

7a. Electricity and Magnetism — MR. BENHAM.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacitance, inductance, alternating current, and the laws of the electro-magnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2; Mathematics 3a* should be taken previously or concurrently. Laboratory fee, $7.50 per semester.

[Not offered in 1946–47.]

8b. Intermediate Radio Communication — MR. BENHAM.

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

9a. Mechanics — MR. UFFORD.

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

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

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

11a. Optics and Photography — MR. SUTTON.

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

[Not offered in 1946–47.]

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

A course of lectures, readings, and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals

of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisites, *Physics 2* and *Mathematics 2*. Laboratory fee, $7.50 per semester.

[Not offered in 1946–47.]

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

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

By permission, one semester only may be elected.

15a. Electronics — MR. BENHAM.

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

16b. Advanced Radio — MR. BENHAM.

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

PSYCHOLOGY

The study of psychology has for its goal the understanding and prediction of human behavior.

1. General Psychology — MR. PEPINSKY.

A systematic survey of the basic facts and principles in the various fields of psychology. Three demonstration lectures and two hours laboratory per week. Laboratory fee, $5.00 per semester.

2b. Advanced Psychology — MR. STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Psychology 1*.

3. (a or b) Special Topics in Psychology — MR. PEPINSKY.

A seminar for special work in restricted fields of psychology. Prerequisite, Psychology 1. Elective for sophomores and upperclassmen by consent of instructor. Laboratory fee, $5.00 per semester.

4. (a or b) Experimental Psychology — MR. PEPINSKY.

A laboratory course designed to familiarize students with the methods and techniques of psychological research, and to enable qualified students to undertake investigations in which they are particularly interested. Prerequisite, *Psychology 1*. Laboratory fee, $7.50 per semester.

5. (a or b) Psychology of Personality — MR. PEPINSKY.

A study of the problems of development and organization of personality. An analysis and discussion of the problems and techniques of personality adjust-

ment in the home and in educational, occupational, social, civil, political and recreational phases of human life. Prerequisite, *Psychology 1.* Laboratory fee, $5.00 per semester.

Remedial Reading — MR. PEPINSKY.

Designed to take care of students having difficulty with their rate and comprehension in reading. Diagnostic measures are undertaken. Practice in the use of the Harvard Remedial Reading Films and Equated Transfer Readings. No credit.

ROMANCE LANGUAGES

The introductory courses are primarily language courses designed to give a thorough knowledge of grammar and accuracy of pronunciation as a basis for reading, writing and conversation. The literature courses are devoted primarily to the history of the literature and to the intensive study of periods and authors. The courses in literature are open only to Juniors and Seniors and especially well qualified Sophomores. Exceptional opportunities for developing oral facility in French and Spanish are afforded by residence in French House and Language House.

Admission of all new students to all French and Spanish courses, except French 1 and Spanish 1, is contingent upon placement examinations administered by the Department prior to the opening of such courses, on a date to be announced.

FRENCH

Opportunity is given to students who complete French 1 or French 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation study and reading.

Students who have chosen French as their major subject and who have at the end of their Sophomore year demonstrated marked proficiency and a natural aptitude for the French language may be permitted to spend their Junior year in France according to the "Delaware Foreign Study Plan" upon the recommendation of the Department of French and the College. Only those students will be recommended who have a high average in their college work and are considered well qualified to represent the College.

Major Requirements

Four full French courses, except French 1 or 2.

Modern European History.

Supporting courses selected from the Latin, German, Spanish, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

A written and oral comprehensive examination on the language, literature, and history of France.

1. Elementary French* — MR. WILLIAMSON.
Grammar, oral practice and reading.

2. Intermediate French* — MR. WYLIE.
Grammar, oral practice, composition and reading. Prerequisite, French 1 or the equivalent of French 1 at entrance.

3. Introduction to French Civilization — MR. WYLIE.
Geographic, cultural, and historical background of French literature; lectures, grammar review, reading, discussion, written reports, and *explication de textes.*

4. Advanced French Conversation and Composition — MR. WILLIAMSON.
Normal prerequisites are French 3 and a course in French literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

16a. French Literature through the Sixteenth Century — MR. WILLIAMSON.
Lectures with collateral reading and reports on the history of early French literature.

17b. French Literature of the Seventeenth Century — MR. WILLIAMSON.
Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.

18b. French Literature of the Eighteenth Century — MR. WILLIAMSON.
Reading, reports, and discussion of the main currents of thought and the outstanding literary figures of the century.
[Not offered in 1946–47.]

19a. Romanticism and Realism — MR. WYLIE.
Reading, reports, and discussion of the main currents of thought and the outstanding literary figures from 1800 to 1860.
[Not offered in 1946–47.]

19b. Modern French Literature — MR. WYLIE.
From Baudelaire to Aragon.
[Not offered in 1946–47.]

SPANISH

Major Requirements

Four full Spanish courses, except Spanish 1 or 2.

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

Supporting courses selected from the Latin, French, Italian, and English languages and literatures; History of Art; Philosophy—to be arranged in individual conference.

Written and oral comprehensive examinations.

1. Elementary Spanish† — MR. ASENSIO and MRS. ASENSIO.
Grammar, with written and oral exercises; reading; thorough drill in conversation.

2. Intermediate Spanish — MR. ASENSIO.
Review of grammar, with written and oral exercises; composition, reading, and conversation.

3. Introduction to Hispanic Civilization — MR. ASENSIO.
Geographic, cultural, historical, and economic background of the Iberian Peninsula and Latin America, with emphasis on Hispanic contributions to civilization; lectures, reading, written and oral reports.

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* Normally these courses meet six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

† These courses meet five hours per week, with corresponding reduction in outside preparation; 3 hours credit.

4. Advanced Spanish — MR. ASENSIO.
Training in idiomatic Spanish; conversation and composition; collateral reading.

5. Introduction to Spanish Literature — MR. ASENSIO.
A survey of Spanish literature from the beginnings to modern times: lectures; written and oral reports.

7a. Introduction to Latin-American Literature — MR. ASENSIO.
A survey of Latin-American literature from the Colonial period to modern times: lectures; written and oral reports.

8b. Spanish Literature of the Golden Age — MR. ASENSIO.
Cervantes, Lope de Vega, Tirso de Molina, Calderón: lectures; written and oral reports.

9a or **10b. Special Topics in Spanish Literature** — MR. ASENSIO.
Reading and lectures; written and oral reports. This course may be repeated, with change of content, for full credit.

ITALIAN

1. Intermediate Italian* — MR. CASELLI and MR. COMFORT.
This course is designed for students with war-time experience in Italy. Review of Italian grammar, conversation, reading.

RUSSIAN

1. Elementary Russian — MR. COOPER (first semester) and MR. CHERRY (second semester).
Introduction to the language: reading, writing, grammatical analysis, conversation.

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence, sociology as the "science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements
Six half-year courses in Sociology.
Six other half-year courses or their equivalent, chosen from the following: Biology 7, Psychology 1, Psychology 2b, Government 3a, Economics 1, and Mathematics 13b, in consultation with the Major Supervisor.
Additional selected readings covering a special field in Sociology.
A four-hour comprehensive examination covering the field of Sociology and related courses.
A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

* This course meets six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

For graduate students majoring in Sociology, Mathematics 13b (Introduction to Statistics) and Mathematics 14a (Advanced Statistics) may be counted as courses in Sociology.

1a. An Introduction to Sociology — MR. REID.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Criminology — MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology, including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a.*

[Not offered in 1946–47.]

4b. Ethnic Relations — MR. WATSON and MR. REID.

A study of "racial" and cultural factors in American communities. Special attention will be paid to the Negro, the American-born Japanese, the American Indian, and other minority groups. The particular cultural contributions of various minority groups are explored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a.*

5a. Labor Relations — MR. WATSON.

A study of basic labor problems, such as wages, hours, and unemployment, together with an examination of the efforts of management, unions and the Government to find solutions through collective bargaining and labor legislation. Special emphasis is placed on methods of resolving industrial conflict. Prerequisite, *Economics 1* and *Sociology 1a.*

(Also called Economics 5a.)

6b. Management and Industrial Relations — MR. WATSON.

A study of business administration and organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys the movement for "scientific management." It includes an analysis of the nature, objects, and technique of labor management, employee representation, and union-management cooperation. Prerequisite, *Economics 1* and *Sociology 1a.*

(Also called Economics 6b.)

7a. Seminar in Social Science Research — MR. REID.

The seminar aims to acquaint the student with the general methods of research in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classes limited to men majoring in one of the social sciences. Prerequisite, *one two-term course or two one-term courses in any of the social sciences.*

8b. Problems of the Modern Family — MR. WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of husband-wife, parent-child, and family-community relationships. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upperclassmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a.*

[Offered in the first semester in 1946–47.]

GENERAL INFORMATION

THE LIBRARY

The Haverford College Library, located near the center of the campus, illustrates the steady growth of the College in facilities for study and research. The original building, constructed in 1860, now forms the north wing of the Library. To this first structure four successive additions have been made. The last two of these, a commodious Stack and a Treasure Room, were dedicated in April, 1941. The Mary Newlin Smith Memorial Garden adjoins the south side of the Library building.

The Haverford Library collection now contains about 169,000 volumes. Over four hundred literary and scientific periodicals are taken. Library endowments provide six thousand dollars yearly for the purchase of books. The Library is also a depository of government publications.

With the exception of certain rare books, all volumes in the Library are freely accessible to readers. Though designed especially for the use of officers and students of the College, the Library affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The Library is open on week days from 8:00 A.M. to 10:00 P.M., and on Sundays from 1:30 to 10:00 P.M. Special hours are arranged for vacation periods.

The Gummere-Morley Memorial Reading Room, decorated and equipped by the Class of 1892, provides a special reading and browsing room for Haverford students.

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9 to 12).

Special Collections. The Quaker collection, containing both books and manuscripts, is probably the most complete in America. It forms a central repository for Friends' literature in this country, and makes Haverford a prime source for the study of the Society of Friends.

The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Rufus M. Jones collection on Mysticism contains almost a thousand books and pamphlets from the fifteenth century to the present day.

The Tobias collection of the writings of Rufus M. Jones is practically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

The Charles Roberts autograph collection contains more than 20,000 items, embracing not only autograph letters of authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history.

The Christopher Morley collection of autograph letters comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over 100 authors are represented.

The Harris collection of ancient and oriental manuscripts contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices collected by J. Rendel Harris.

Cooperative Services. Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

The Philadelphia Bibliographical Center and Union Library Catalog, the largest cooperative catalog in America, enables users of the Haverford Library to locate books in over one hundred and fifty libraries of the Philadelphia region. The Haverford Library is also a member of *The Philadelphia Metropolitan Library Council.*

The Library Associates is an organization of graduates and friends of the College, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to a wider notice and to make them available to the whole Haverford community; to encourage the making of gifts to the Library; and to aid in the use of the Library for exhibition purposes. Enquiries should be addressed to The Librarian, Haverford College.

ART COLLECTION

The Haverford Art Collection, including paintings and drawings by Pintorrichio, Whistler, Inness, Sargent, and Turner, is displayed in the Library.

LECTURES

The Haverford Library Lectures and The Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching."

The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature."

Other lectures sponsored by departments in the College, especially that of Government, are offered at various times throughout the year. Most of these are open to the public.

THE BUCKY FOUNDATION

The Bucky Foundation, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible citizens for such an order, maintains its office in the Haverford Union. It has sponsored the Constructive Citizenship program, in cooperation with Bryn Mawr and Swarthmore Colleges, which has provided training in the U. S. Employment Service for students of Haverford, Bryn Mawr, and Swarthmore.

THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the Infirmary, will be at the expense of the student. For residence in the Infirmary beyond the limit of one week the charge is $5 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard is the resident nurse.

HEALTH PROGRAM

Under the Health Program at Haverford College the following services are available without additional charge:

Physical examination on entrance.

Unlimited ambulatory dispensary care at specified hours, with emergency dispensary care at any time by the College Physician and the College Nurse.

Infirmary care at no extra cost for a period not to exceed 7 days in any single college year. After 7 days a charge of $5 per day will

be made. This charge will include the continued service of the College Physician and the College Nurse.

Routine laboratory examinations.

Ordinary X-ray photos necessary for diagnosis in connection with injuries. This item does not include X-ray examination for subacute conditions, such as those of the sinuses, gastro-intestinal tract, the lungs, etc.

Minor surgical treatment as indicated for acute infection, simple fractures, dislocations, etc.

The Health Service does not cover the routine X-ray chest examination required of all entering students, but the College is normally able to arrange to have this done at a minimum cost on one day each fall. If the student is not able to take advantage of this arrangement, it is his responsibility to supply the College before Christmas vacation with a satisfactory reading of chest X-rays.

The Health Service does not cover diagnostic examination by outside specialists. The College will assist in making arrangements for such examination, including optical and dental work, surgery, special nursing, etc.; but the cost is the responsibility of the student. Hospitalization elsewhere than in the Infirmary, or medical care by others than by the College Physician, is also excluded from the benefits of the Health Service.

THE CAMPUS CLUB

A group of alumni and friends of the College, who are interested in preserving and improving the natural beauty of the campus, is organized as The Campus Club. The planning is done by an executive committee which meets biannually for the purpose of laying out new projects. The Arboretum and the Woolman Walk were developed and are maintained by The Campus Club.

OFFICIAL PUBLICATIONS

The College publishes annually the Haverford College Catalog, the President's Report, the Treasurer's Report, the Report of the Librarian, publications of the Faculty, and the College Directory.

SCHOLARSHIPS

Scholarships are of two kinds: competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

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

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

All preliminary correspondence and applications for undergraduate scholarships for 1946–1947, together with supporting letters from parents or guardians, should be in the hands of the President before Tuesday, April 2, 1946.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources. In the majority of cases the College expects work from scholarship students amounting proportionately to the value of each scholarship.

I. *Corporation Scholarships.*—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 22) to those candidates entering by any plan of admission, who are judged to be best prepared to do the work of the College. Corporation scholarships are $100.00 for the summer term and $150.00 for the fall and spring terms, respectively.

II. *Isaiah V. Williamson Scholarships.*—Three scholarships, normally $250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship.*—One scholarship normally of the annual value of $200.

IV. *Edward Yarnall Scholarship.*—One scholarship normally of the annual value of $200.

V. *Thomas P. Cope Scholarship.*—One scholarship normally of the annual value of $200.

VI. *Sarah Marshall Scholarship.*—One scholarship normally of the annual value of $200.

VII. *Mary M. Johnson Scholarship.*—One scholarship normally of the annual value of $200.

VIII. *Joseph E. Gillingham Scholarships.*—Four scholarships normally of the annual value of $200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship.*—One scholarship, normally of the annual value of $225, available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships* normally amount to $1500 annually. Usually these will be awarded in sums of $150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships.*—Eight scholarships normally of the annual value of $100 each.

XII. *Caspar Wistar Memorial Scholarship.*—A scholarship of $250 is usually available, preferably for sons of parents engaged in Christian service (including secretaries of Young Men's Christian Associations) or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship.*—This scholarship of $200 is awarded on application, preferably to a member of the Freshman Class who, in the opinion of a committee representing the donors and the President of the College, shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship,* $300.—Intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living."

XV. *Paul W. Newhall Memorial Scholarship.*—One scholarship normally of the annual value of $200.

XVI. *Robert Martin Zuckert Memorial Scholarships.*—Two or more scholarships of the annual value of $250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship.*—One scholarship normally of the annual value of $200.

XVIII. *Class of 1913 Scholarship.*—One scholarship of the annual value of about $125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XIX. *Isaac Sharpless Scholarship Fund.*—Founded in 1941. Scholarships open to graduates of secondary schools and undergrad-

uates of Haverford College. Awards based upon fulfilment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XX. *Class of 1917 Scholarship.*—One scholarship of the annual value of about $150. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship.*—A scholarship in the sum of $500 will be available to a Public School graduate in this general area who may enter Haverford.

XXII. *Daniel B. Smith Fund for Scholarships.*—Founded October 6, 1943, by gift of $2500 from Anna Wharton Wood of Waltham, Massachusetts. This will be increased by a bequest of $2500 made by Miss Esther Morton Smith of Germantown, Philadelphia, who died March 18, 1942.

"The income is to be used, in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course." Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply.

XXIII. *Sarah Tatum Hilles Memorial Scholarship Fund.*—Founded November 1, 1943, by bequest of $75,534.58 from Joseph T. Hilles, 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of $250 each as such income shall be sufficient to create"; to be awarded by the Managers upon "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.' "

XXIV. *Elihu Grant Memorial Scholarship Fund.*—Established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental Subjects." In special circumstances the income may be utilized to assist those working for a postgraduate degree at Haverford College. Two scholarships of $300 each are available.

Most of the scholarships listed above are permanent foundations. In addition, the alumni in various districts support regional scholarships.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of $700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships. — With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of $400 or $500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 37.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, before May 1.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of $50 for excellence in composition and oratory.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING IN LITERATURE

A first prize of $50 and a second prize of $25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Fellowships and Prizes, with which the candidate shall register

and which shall approve the subject chosen. The Committee will then recommend the candidate to the department or departments to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

The Class of 1896 Prizes in Latin and Mathematics

These are two prizes worth $10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

The Lyman Beecher Hall Prize in Chemistry

The Class of 1898, on the twenty-fifth anniversary of their graduation, established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to $100 and may be awarded to a student who has attained a high degree of proficiency in Chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

The Class of 1902 Prize in Latin

The Class of 1902 offers a prize of $10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the Department.

The Department Prizes in Mathematics

A first prize of $15 and a second prize of $10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

The Elliston P. Morris Prize

This prize is not awarded in 1946–47.

THE ELIZABETH P. SMITH PRIZE

A prize of $40 is offered annually to the undergraduate who presents the best essay on international peace.

No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

For the 1946–47 competition the following subjects are offered:

1. The Relationship between Recent Scientific Developments and International Peace.
2. A Critical Evaluation of the Contributions of the United Nations Organization to International Peace.
3. The Probability of Eliminating War, in view of War's Prevalence in History.
4. An American Peace Policy for the Far East.
5. World Famine and World Peace.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of $40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in Philosophy in connection with the courses in that Department. A second prize of $25 in books is also offered.

A prize of $40 in books is offered each year to any student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of $25 in books is also offered.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of $50 and a second prize of $45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES

Two prizes of $15 and $10, respectively, are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

THE FOUNDERS CLUB PRIZE

A prize of $25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of $100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay of not less than 5,000 words shall be submitted as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited, under an assumed name, with the Registrar before May 1.

For the 1946–47 competition the following subjects are offered:

1. African Imperial Problems in British Diplomacy from 1882 to 1906.

2. The Policies of the French Government with regard to French Security against Aggression from 1919 to 1936.

3. The Development of Political Parties in the United States from 1789 to 1801.

4. The Relations between the United States and Mexico since 1911.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature ($50) may be awarded annually on the basis of Final Honors in English, provided that the work of the leading candidate, in the judgment of the English Department, merits this award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize ($50) will be awarded annually to the upperclassman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of $50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this intention.

DEGREES, PRIZES, AND HONORS GRANTED IN 1945–1946

DEGREES

The following degrees were conferred on Commencement Day, June 8, 1946.

DOCTOR OF LAWS

Morris Evans Leeds, 1888

DOCTOR OF SCIENCE

James Garrett Vail

MASTERS OF ARTS

Deborah Adams Douglas (A.B., Sweet Briar, 1943)
Thesis: "A Survey of the Cooperative Movement in Germany and an Account of the Fate of Consumers' Cooperatives Under the Nazi Regime."

Carolyn Graham (B.A., H. Sophie Newcomb, 1944)
Thesis: "The Fort Ontario Emergency Center."

Barbara Stevens Grant (A.B., Colby, 1943)
Thesis: "Settlement Activities: A Study of the Summer Camp Recreational Program of the Henry Street Settlement."

Sarah Edith Hovey (A.B., Reed, 1944)
Thesis: "UNRRA and the Displaced Person Problem in Germany."

Claudine Blanche Pohl (A.B., Oberlin, 1944)
Thesis: "The Role of the World Student Service Fund in World Student Relief."

Bernice Knight Shorter (Mrs. Fred C.) (B.A., Colby, 1944)
Thesis: "A Study of the Unitarian Service Committee."

Frederick Oscar Wilhelm (B.A., Wesleyan, 1944)
Thesis: "A Study of Some of the Methods Used in Overcoming Race Prejudice Towards Americans of Japanese Ancestry."

Anne Stiles Wylie (Mrs. Laurence W.) (B.S., Simmons, 1943)
Thesis: "A Revision of the American Friends Service Committee Handbook for Relief Workers."

BACHELORS OF ARTS

George Anderson Bartholomew, 1945
Robert Haig Bedrossian, 1946
Robert Herman Behrens, 1946
Israel Morris Dowbinstein, 1947
Albert Hunter Ewell, Jr., 1947
William Leonard Hedges, 1944
David Johnson, 1947
Julius Katchen, 1947
Howard Burtt Kriebel, 1943
Roberto Pablo Payro, 1946
Hans Eberhard Petersen, 1946
Richard Douglas Rivers, 1947
Robert Pearson Roche, 1947
Charles Caldwell Ryrie, 1946
Lawrence D. Steefel, Jr., 1947
George Bowler Tullidge Sturr, 1947
George Mitsuyoshi Yamane, 1946

BACHELORS OF ARTS
As of February 2, 1946

HERBERT MACY WHITEHEAD, 1947 — RICHARD BAYLY WINDER, 1943

BACHELORS OF SCIENCE

WILLIAM MACY HARRIS, 1943 — WALTER YONEO KATO, 1946
ANSON BALDWIN HAUGHTON, 1942 — ALAN SPENCER ROGERS, 1943

CLEMENTINE COPE FELLOWSHIP FOR 1946–1947
(For graduate study at another institution.)

HANS EBERHARD PETERSEN, 1946

CORPORATION SCHOLARSHIPS FOR 1946–1947
(Award Made on the Basis of Semesters Completed)

7–8 Semesters

WILLIAM HAMILTON HARRIS — BRUCE MARTEN MILLER
JAMES FOWLER ADAMS, JR. — WILLIAM JOHN MCILHENNY
HENRY EDWIN VINSINGER, JR.

5–6 Semesters

JOHN TURNER WHITMAN — WILLIAM RICHMOND CLARK
TIMOTHY BREED ATKESON — PETER HERBERT DEITSCH

3–4 Semesters

STEPHEN RABEN MILLER — JAMES HANCOCK THORPE
JOHN NEIL BOGER — ELLIS PAUL SINGER

1–2 Semesters

WALTER HARVEY COPE — WILLIAM GEORGE WORMAN

Entering Class

GEORGE CABELL CARRINGTON, JR. — WILLIAM HAMER WARNER

PRIZES

The Mathematics Department Prizes ($25 for Freshmen)
First Prize ($15)—STEPHEN RABEN MILLER, 1949
Second Prize ($10)—JOHN NEIL BOGER, 1949

The Alumni Prize for Composition and Oratory ($50)
ALEXANDER CAMPBELL WILSON, 1950

The William Ellis Scull Prize ($50)
for the upper classman who shall have shown the
"greatest achievement in voice and the articulation of
the English language."
JOHN ALEXANDER STONE, 1948

The Logan Pearsall Smith Prize ($50 in books)
for that member of the Senior Class who, in the opinion of the
Committee on Prizes, has the best personal library
RICHARD BAYLY WINDER, 1943

The Scholarship Improvement Prizes ($95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course

First Prize ($50)—RICHARD BAYLY WINDER, 1943
Second Prize ($45)—ANSON BALDWIN HAUGHTON, 1942

The Class of 1910 Poetry Prizes for the best verse written by a Haverford undergraduate during the year

First Prize ($15) — HENRY GEORGE RICKERMAN, 1949
Second Prize ($10)—EVAN GORDON NEWTON JONES, 1949

The Founders Club Prize ($25) for the Freshman who has shown the best attitude toward college activities and scholastic work

RICHARD ARDEN COUCH, 1949

The Lyman Beecher Hall Prize in Chemistry ($100 from Endowment by the Class of 1898) for Juniors, Seniors or Graduates within three years of graduation who expect to engage in research

HENRY EDWIN VINSINGER, JR., 1945

HONOR SOCIETIES

The following students were elected to the
PHI BETA KAPPA SOCIETY

WILLIAM LEONARD HEDGES, 1944
WILLIAM HUSTON CHARTENER, 1946
ROBERTO PABLO PAYRO, 1946
HANS EBERHARD PETERSEN, 1946
ALBERT HUNTER EWELL, JR., 1947
JULIUS KATCHEN, 1947

The following students were elected to the
FOUNDERS CLUB

1944

WALTER YONEO KATO, 1946

1945

JULIUS KATCHEN, 1947
RICHARD DOUGLAS RIVERS, 1947
LAWRENCE D. STEEFEL, JR., 1947

1946

JAMES FOWLER ADAMS, JR., 1948
MONROE EDWARD ALENICK, 1948
TIMOTHY BREED ATKESON, 1948
WILLIAM PIERSON BARKER, II, 1948
JAMES ARCHIBALD JACOB, JR., 1948
DAVID JOHNSON, 1947
CHARLES LONG, II, 1947
ROBERTO PABLO PAYRO, 1946
DANIEL BARD THOMPSON, 1948
JOHN TURNER WHITMAN, 1948

The following students were elected to
TAU KAPPA ALPHA
National Honorary Debating Fraternity

1945

TIMOTHY BREED ATKESON, 1948
WILLIAM PIERSON BARKER, II, 1948
JULIUS KATCHEN, 1947
ROBERT PEARSON ROCHE, 1947
DAVID EDWARD THOMAS, 1948

1946

BEN ZION LEUCHTER, 1946
GEORGE ELSON RUFF, JR., 1949

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope than the minimum required, or who have fulfilled all the requirements for Final Honors in their respective Major Departments.

HIGH HONORS

ROBERTO PABLO PAYRO, 1946 ..... English
HANS EBERHARD PETERSEN, 1946 ..... Greek

HONORS

ALBERT HUNTER EWELL, JR., 1947 ..... Psychology
WILLIAM MACY HARRIS, 1943 ..... Physics
JULIUS KATCHEN, 1947 ..... Philosophy
LAWRENCE D. STEEFEL, JR., 1947 ..... History

HONORABLE MENTION

In single courses in the Freshman or Sophomore year representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better in the same course.

JOHN NEIL BOGER, 1949 ..... Chemistry 2a, 3b
CHARLES DANIEL BRODHEAD, 1949 ..... Biology 1
EDWARD ECHIKSON, 1949 ..... Chemistry 2a, 3b
JOHN NORMAN HAUSER, 1948 ..... Economics 1
ROBERT WILLIAM HOLMES, 1947 ..... Psychology 1
JAMES QUINTER MILLER, 1949 ..... Biology 1
JOHN MADISON MCCLOUD, 1948 ..... French 1
ELLIS PAUL SINGER, 1949 ..... Chemistry 2a, 3b
JAMES HANCOCK THORPE, 1949 ..... Biology 1, Chemistry 2a, 3b
DAVID JOHN TOLAN, 1949 ..... English 2b
THEODORE CRAIG WRIGHT, 1949 ..... English 2b

GENERAL ALUMNI ASSOCIATION OF HAVERFORD COLLEGE

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WILLIAM K. HARTZELL, '28
104 E. Montgomery Ave., Ardmore, Pa.

Vice-Presidents

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Haverford Gables, A-6, Haverford, Pa.

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40 Broad St., Room 600, Boston, Mass.

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648 King St., Port Chester, N. Y.

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BENNETT S. COOPER, '18
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Treasurer

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1607 Moravian St., Philadelphia, Pa.

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Vice-President.....EDWARD A. EDWARDS, '08
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Treasurer.....JOHN C. LOBER, '27

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Vice-President.....JOHN R. SARGENT, '33
52 Wall St., New York 5, N. Y.
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60 East 42nd St., New York, N. Y.
Treasurer.....HERBERT F. TAYLOR, '28
7 Hanover Sq., New York, N. Y.

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Burke, Virginia

Vice-President.....H. GIFFORD IRION, '32
809 So. Royal St., Alexandria, Va.

Secretary-Treasurer.....HERBERT W. REISNER, '31
214 Prince St., Alexandria, Va.

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President.....GIFFORD K. WRIGHT, '93
First National Bank Building, Pittsburgh 22, Pa.

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5800 Walnut St., Pittsburgh 6, Pa.

Treasurer.....JAMES M. HOUSTON, '31
1639 Beechwood Blvd., Pittsburgh 17, Pa.

Haverford Society of New England

President.....FRANK M. ESHLEMAN, '00
40 Broad St., Room 600, Boston, Mass.

Secretary-Treasurer.....ELLIOT W. BROWN, '21
401 Summer St., Boston, Mass.

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President.....JOHN K. GARRIGUES, '14
Delaware Trust Co., Wilmington, Del.

Secretary.....CHARLES A. ROBINSON, '28
Delaware Trust Co., Wilmington, Del.

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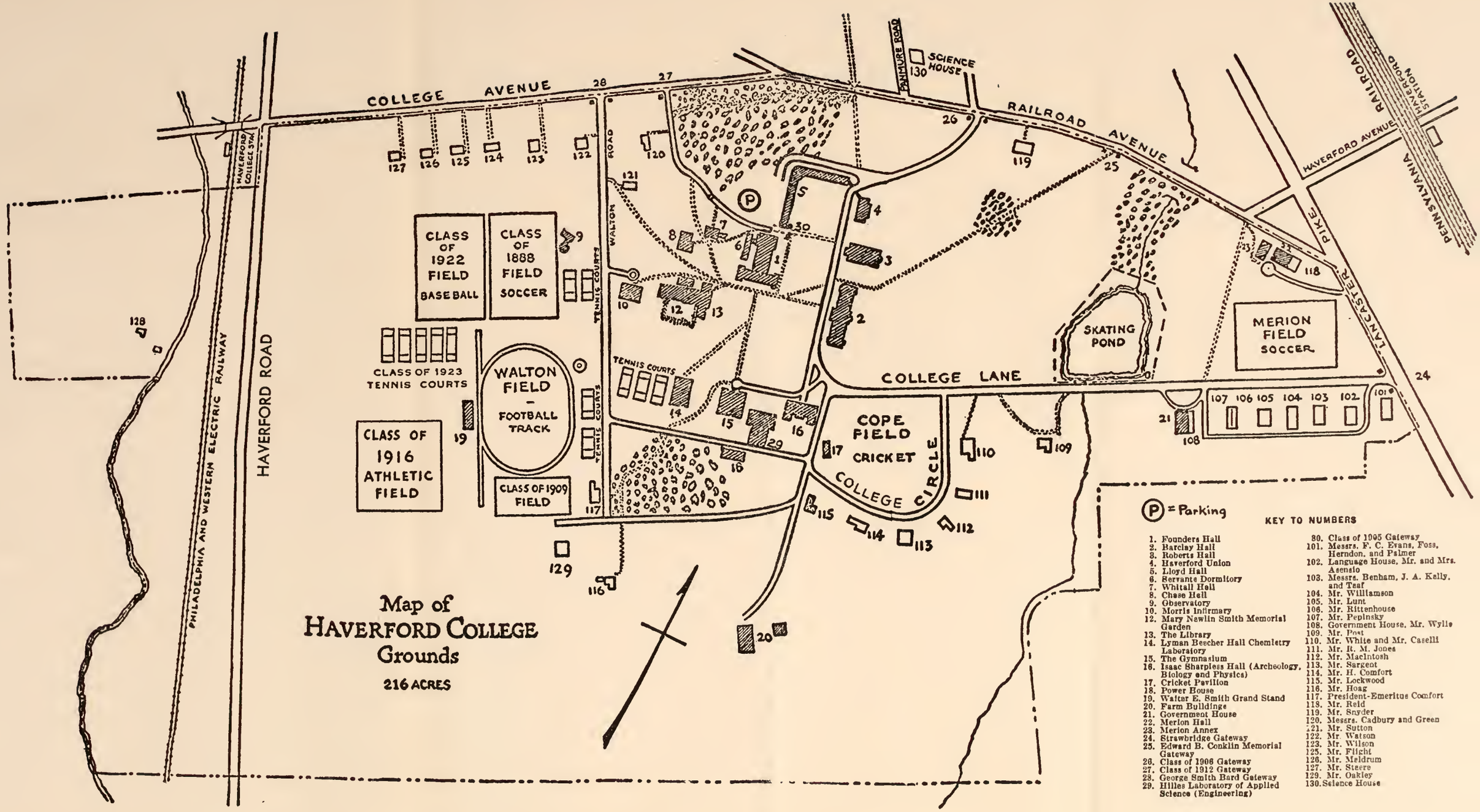

KEY TO NUMBERS

1. Founders Hall
2. Barclay Hall
3. Roberts Hall
4. Haverford Union
5. Lloyd Hall
6. Servants Dormitory
7. Whitall Hall
8. Chase Hall
9. Observatory
10. Morris Infirmary
12. Mary Newlin Smith Memorial Garden
13. The Library
14. Lyman Beecher Hall Chemistry Laboratory
15. The Gymnasium
16. Isaac Sharpless Hall (Archeology, Biology and Physics)
17. Cricket Pavilion
18. Power House
19. Walter E. Smith Grand Stand
20. Farm Buildings
21. Government House
22. Merion Hall
23. Merion Annex
24. Strawbridge Gateway
25. Edward B. Conklin Memorial Gateway
26. Class of 1906 Gateway
27. Class of 1912 Gateway
28. George Smith Bard Gateway
29. Hilles Laboratory of Applied Science (Engineering)
80. Class of 1905 Gateway
101. Messrs. F. C. Evans, Foss, Herndon, and Palmer
102. Language House, Mr. and Mrs. Asensio
103. Messrs. Benham, J. A. Kelly, and Teaf
104. Mr. Williamson
105. Mr. Lunt
106. Mr. Rittenhouse
107. Mr. Peplnsky
108. Government House, Mr. Wylie
109. Mr. Post
110. Mr. White and Mr. Caselli
111. Mr. R. M. Jones
112. Mr. MacIntosh
113. Mr. Sargent
114. Mr. H. Comfort
115. Mr. Lockwood
116. Mr. Hoag
117. President-Emeritus Comfort
118. Mr. Reid
119. Mr. Snyder
120. Messrs. Cadbury and Green
121. Mr. Sutton
122. Mr. Watson
123. Mr. Wilson
125. Mr. Flight
126. Mr. Meldrum
127. Mr. Steere
129. Mr. Oakley
130. Science House

HAVERFORD COLLEGE BULLETIN

REPORT OF
TREASURER AND COMPTROLLER
OF
THE CORPORATION OF HAVERFORD COLLEGE
FOR YEAR ENDING EIGHTH MONTH 31, 1946

1945-1946

VOLUME XLV NUMBER FOUR

February 1947

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FOR YEAR ENDING EIGHTH MONTH 31, 1946

VOLUME XLV NUMBER FOUR

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COLLEGE OFFSET PRESS
148-150 N. SIXTH ST., PHILADELPHIA 6, PA.

CORPORATION OF HAVERFORD COLLEGE

Officers

DR. S. EMLEN STOKES, *President* ..... Moorestown, N. J.

GILBERT F. WHITE, *President of the College* ..... Haverford, Pa.[1]

ARCHIBALD MACINTOSH ..... Haverford, Pa.[2]

J. HENRY SCATTERGOOD, *Treasurer* .....1616 Walnut St., Phila. 3

JOHN F. GUMMERE, *Secretary*.....W. School Lane and Fox St., Phila. 44

Members of the Standing Nominating Committee of the Corporation

Term Expires 1947

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

Term Expires 1948

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

Term Expires 1949

WILLIAM M. MAIER ..... Bailey Building, Phila. 7, Penna.
I. THOMAS STEERE ..... 375 W. Lancaster Ave., Haverford, Pa.
PAUL W. BROWN ..... Downingtown, Penna.

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(1) APPOINTED SEPTEMBER 1, 1946
(2) ACTING PRESIDENT FOR THE YEAR 1945 - 1946

BOARD OF MANAGERS

Ex-officio as Officers of Corporation

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

Term Expires 1947

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

Term Expires 1948

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Term Expires 1949

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ALEXANDER C. WOOD, JR.....325 Chestnut St., Phila. 6
HAROLD EVANS.....1000 Provident Trust Bldg., Phila. 3

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J. COLVIN WRIGHT, *Term Expires 1947*..116 E. Penn St., Bedford, Pa.
PAUL V. R. MILLER, *Term Expires 1948*. 1700 Girard Trust Bldg., Phila. 2
CHARLES S. RISTINE, *Term Expires 1948*. Fidelity-Phila. Trust Bldg,. Phila. 9
W. NELSON WEST, III, *Term Expires 1949*..1411 Walnut St., Phila. 2

FACULTY REPRESENTATIVES

Term Expires 1947	*Term Expires 1948*
RICHARD M. SUTTON	HOWARD M. TEAF, JR.

Alternates, 1946-47: CLETUS O. OAKLEY and RALPH M. SARGENT

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Chairman of Board	*Secretary of Board*
S. EMLEN STOKES	W. NELSON WEST, III

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FREDERIC C. SHARPLESS
WILMOT R. JONES[2]
CHARLES S. RISTINE[2]
THOMAS W. ELKINTON
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WILLIAM B. BELL[1]
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WILLIAM M. MAIER[2]

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STANLEY R. YARNALL
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HAROLD EVANS[2]
L. HOLLINGSWORTH WOOD
WILMOT R. JONES

Counsel

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

---

[1]Term Expired: Tenth Month 1946
[2]Term Began: Tenth Month 1946

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Dean

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Superintendent

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Curator of the Quaker Collection

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

MRS. ETHEL ELIZABETH BEATTY
Dietician

AMY LYDIA POST
A.B., Earlham College
Assistant Librarian

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R.N., Lankenau Hospital
Resident Nurse

ALICE LOUELLA BERRY
Secretary to the President

GERTRUDE MANN WONSON
B.S., Simmons College
Admissions Office

* Absent on leave, 1945-46.

SUMMARY OF THE ACCOUNTS OF

THE CORPORATION OF HAVERFORD COLLEGE

J. HENRY SCATTERGOOD, TREASURER
ALDO CASELLI, COMPTROLLER

For the Year Ending Eighth Month 31, 1946

RECEIPTS

Income from Funds for General Purposes

General Endowment Fund	4,333.57
John Farnum Memorial Fund	1,684.34
John M. Whitall Fund	473.88
David Scull Fund	1,995.58
Edward L. Scull Fund	506.14
Wistar Morris Memorial Fund	229.11
Israel Franklin Whitall Fund	480.20
Jacob P. Jones Endowment Fund	57,960.20
John Farnum Brown Fund	12,287.93
Ellen Waln Fund	495.13
Clementine Cope Endowment Fund	957.28
Nathan Branson Hill Fund	136.79
Joseph E. Gillingham Fund	1,888.16
Henry Norris Fund	262.15
Elizabeth H. Farnum Fund	423.41
James R. Magee Fund	1,996.12
Albert K. Smiley Fund	66.81
Hinchman Astronomical Fund	1,759.93
W. D. and E. M. L. Scull Fund	7,774.51
Albin Garrett Memorial Fund	1,192.32
Arnold Chase Scattergood Memorial Fund	1,085.90
Francis B. Gummere Memorial Fund	5,592.57
Isaac Sharpless Memorial Fund	9,741.65
General Education Board Fund	5,615.17
William Penn Foundation	4,545.84
Walter Carrol Brinton Memorial Fund	629.13
Corporation Fund	3,563.46
Elizabeth J. Shortridge Fund	445.38
Howard Comfort Memorial Fund	223.90
Emma Ridgway Comly Fund	2,226.33
Ellen W. Longstreth Fund	4,751.38
Albert L. Baily Fund	222.69
Elizabeth B. Wistar Warner Fund	220.46
T. Allen Hilles Bequest	12,504.58
Leonard L. Greif & Roger L. Greif Fund	44.54
Edward M. Wistar Fund	111.34
Triangle Society Endowment Fund	61.15
Morris E. Leeds Fund	1,822.50
J. Henry Scattergood Fund	91.49
Forward	$150,403.02

Forward		$150,403.02
Income from Fund for T. Wistar Brown Graduate School		
Moses Brown Fund		15,924.74
Income from Funds for Morris Infirmary		
Infirmary Endowment Fund	429.94	
John W. Pinkham Fund	225.34	655.28
Income from Fund for Haverford Union		
Haverford Union Fund		83.68
Income from Funds for Scholarships		
Thomas P. Cope Fund	234.17	
Edward Yarnall Fund	270.31	
Isaiah V. Williamson Fund	882.62	
Richard T. Jones Scholarship Fund	225.19	
Mary M. Johnson Scholarship Fund	312.37	
Sarah Marshall Scholarship Fund	352.73	
Clementine Cope Fellowship Fund	1,017.50	
Isaac Thorne Johnson Scholarship Fund	381.83	
Caspar Wistar Memorial Fund	131.44	
J. Kennedy Moorhouse Scholarship Fund	229.63	
Louis Jaquette Palmer Scholarship Fund	222.69	
Paul W. Newhall Memorial Scholarship Fund	224.72	
Robert Martin Zuckert Memorial Scholarship Fund	846.51	
Samuel E. Hilles Scholarship Fund	223.46	
Class of 1913 Scholarship Fund	133.61	
Class of 1917 Scholarship Fund	171.61	
Daniel B. Smith Fund	231.11	
Sarah Tatum Hilles Memorial Scholarship Fund	3,491.42	
Elihu Grant Memorial Scholarship Fund	654.61	
Christian Febiger Scholarship Fund	61.63	10,299.16
Income from Funds for Library		
Alumni Library Fund	776.52	
Mary Farnum Brown Library Fund	3,019.51	
William H. Jenks Library Fund	222.69	
Mary Wistar Brown Williams Library Fund	904.41	
Anna Yarnall Fund	7,661.68	
F. B. Gummere Library Fund	28.30	
Edmund Morris Fergusson, Jr. Memorial Fund	44.64	
Class of 1888 Library Fund	290.02	
Class of 1918 Library Fund	55.83	13,003.60
Income from Funds for Old Style Pensions		
President Sharpless Fund	1,836.60	
William P. Henszey Fund	1,637.14	
Jacob P. Jones Benefit Fund	3,033.63	
Pliny Earle Chase Memorial Fund	145.74	
Haverford College Pension Plan	4,990.03	11,643.14
Forward		$202,012.62

Forward				$202,012.62

Income from Funds for Special Purposes

Thomas Shipley Fund	233.73	
Elliston P. Morris Fund	50.18	
John B. Garrett Reading Prize Fund	101.20	
Special Endowment Fund	410.95	
Scholarship Improvement Prize Fund	102.30	
Elizabeth P. Smith Fund	77.68	
S. P. Lippincott History Prize Fund	113.43	
Francis Stokes Fund	228.05	
George Peirce Prize Fund	106.97	
Lyman Beecher Hall Prize Fund	95.98	
Newton Prize Fund	62.25	
Edward B. Conklin Athletic Fund	106.89	
Arboretum Fund	204.33	
William Ellis Scull Prize Fund	89.08	
Paul D. I. Maier Fund	44.54	
Strawbridge Observatory Maintenance Fund	171.00	
Jacob & Eugenie Bucky Memorial Foundation	132.59	
Mathematics Department Prize Fund	50.53	
William T. Elkinton Fund	115.16	
Tilney Memorial Fund	231.11	
Class of 1902 Latin Prize Fund	6.61	2,734.56
Income from the Funds for the College		204,747.18

Income from Special Trust

Augustus Taber Murray Research Scholarship Fund	1,139.48
Total from All Funds	205,886.66

Income from College Sources

Tuition (201 Students at beginning of year 280 Students at beginning of 2nd term)				
Cash		80,471.85		
From Scholarship Funds		11,505.05		
From Donations		4,196.54	96,173.44	
Board			58,178.67	
Rooms			28,921.60	
Re-examination fees			195.00	
Room and Board from Non-Students:				
Rents		5,440.00		
Rooms:				
Guests and Alumni and Faculty	1,509.75			
Employees	2,178.00			
Immigration & Naturalization Service	1,869.55			
American Red Cross	438.00	5,995.30		
Meals:				
Guests and Faculty	1,490.05			
Day Students	2,754.25			
Employees	5,502.00			
Immigration & Naturalization Services	5,655.50	15,401.80	26,837.10	
Forward			210,305.81	$205,886.66

Forward			$205,886.66
Income from College Sources (continued)			
Forward		210,305.81	
Miscellaneous Collections:			
Fees & Fines	1,116.93		
Book Store	116.95		
Transcripts	531.35		
Sale of Materials	857.57		
Use of Land	816.25		
Admissions to Gym and use of Tennis Courts	157.85		
College Entrance Examination	42.00		
Facilities used by Immigration & Naturalization Service	784.34	4,423.24	
		214,729.05	
Donations applied:			
For Care of Cope Field		50.00	
For Government House		500.00	
For General Purposes		35.00	215,314.05
Immigration and Naturalization Service			
Further Receipts from Government			825.00
Donations other than for Funds - General			
For Concert		100.00	
For Class of 1922 Athletic Field		80.00	
For Field House		29.50	
For Books - Greek books	100.00		
Library Associates	578.00		
Minor Library Donations	28.39		
Matzkie Royalties	34.68		
Oriental Books	100.00	841.07	
For Scholarships		1,820.00	
For Salaries from Alumni Association		3,139.93	
For Campus Club		263.34	
For Care of Cope Cricket Field		50.00	
For Physics Laboratory	10.72		
For Psychological Laboratory	10.00	20.72	
For Radio Club - Interest added		63.12	
For Rain Damage		8.50	
For Travel Expense		4.50	
For Closing Account		51.34	
Class of 1934 Gift		85.00	
Unspecified Purpose		35.00	
For Alterations #1 College Lane		370.00	
		6,962.02	
Alumni Sustaining Fund Donations		30,286.20	37,248.22
Donations for Additions to Funds			
Triangle Society Endowment Fund Proceeds of Policy on life of H. Conrad Atkinson '40 who was lost in the Pacific in 1942	500.00		
Forward	500.00		$459,273.93

Forward			$459,273.93
Donations for Additions to Funds (continued)			
Forward	500.00		
Robert Martin Zuckert Memorial Scholarship Fund - Donated	2,000.00		
Class of 1917 Scholarship Fund - Donated	425.00		
Elihu Grant Memorial Scholarship Fund Donated	1,000.00		
Christian Febiger Scholarship Fund (New) Donated	8,000.00		
Class of 1888 Library Fund - Donated	200.00		
Jacob & Eugenie Bucky Memorial Foundation Donated	1,000.00		
Tilney Memorial Fund - Donated	3,000.00	16,125.00	
Additions to Funds -- Income Transferred to Principal			
Moses Brown Fund - Income capitalized	1,592.47		
Isaac Thorne Johnson Scholarship Fund Income capitalized	31.83		
George Peirce Prize Fund - Income capitalized	106.97		
Jacob & Eugenie Bucky Memorial Fund - Income capitalized	132.59		
Mathematics Department Prize Fund - Income capitalized	25.53		
Mary Farnum Brown Library Fund - Income capitalized	42.69	1,932.08	
Total Additions to Funds			18,057.08
Miscellaneous Receipts			
From Sale of Books - Supplementary income Elihu Grant Memorial Fund		80.00	
Interest on Current Funds Invested		2,220.55	
Library Replacement Account - Replacements		347.57	
Skating Pond Receipts		62.00	
Taxes Withheld		31,029.90	
Taxes Withheld - Pensions		2,875.20	
Advances to be refunded - Received on Account		37.50	
In and Out Receipts		5,439.82	
Work in Progress - Received		4,350.58	
Book Store - Collected from Students		3,409.03	
Store Account - Receipts		6,770.68	
Student Store Old Account - Received on Account		44.79	
Loan paid off		300.00	
Students Affairs Account for Commons Room		1,682.31	
Book Store on Campus - Collected from Students		1,089.61	
Accounts Receivable from Students - Collected		195,517.38	
Accounts Receivable from Students - Special - Deposits Collected		10,057.33	
Accounts Receivable from Employees - Collected		37,614.83	
Accounts Receivable from Government for Tuition - Collected		30,594.08	
Student Loan Fund - Repayment on Account		5,000.00	
Merion Title & Trust Co. - Final Liquidating Dividend		607.12	339,130.28
Forward			$816,461.29

Forward				$816,461.29
Items Relating to Other Fiscal Years				
Advance Receipts for Following Year			2,930.07	
Room Rents paid for in advance			6,981.00	
Expenses for Following Years - Applied			11,251.77	
Insurance for Following Years - Applied			6,546.08	
Reserve for Language House Alterations - Applied			511.87	
Reserve for Kitchen Alterations - Applied			2,501.04	
Reserve for Merion Title & Trust Co. - Applied			7,230.23	37,952.06
Fire Insurance Collected - Barclay Hall Fire				
Building			24,714.75	
Contents			465.50	
For Students' Property			1,242.75	26,423.00
Investments Realized				
Consolidated Investments Account				
Bonds - Government	27,429.62			
Municipal	20.00			
Industrial	7,343.93			
Public Utility	46,375.00			
Railroads	235,732.89			
Miscellaneous	8,500.00	325,401.44		
Preferred Stocks -				
Industrial	24,434.74			
Public Utility	74,612.89	99,047.63		
Common Stocks -				
Industrial	171,135.69			
Public Utility	4,004.62			
Miscellaneous	1,098.94	176,239.25		
Mortgages		141,315.64		
Real Estate -				
Sold	154,175.38			
Sundry Receipts	502.91	154,678.29		
Miscellaneous		4,934.35	901,616.60	
John Farnum Memorial Fund			13,960.85	
Nathan Branson Hill Fund (First National Bank & Trust Co. of Minneapolis, Minn.) Entered short $2,086.75)				
Ellen W. Longstreth Agency a/c			621.50	
Ellen W. Longstreth - Mary Pearsall Agency a/c			512.32	
Anna Yarnall Agency a/c			1,395.44	
Augustus Taber Murray Research Scholarship Fund			18,107.64	
C. Wharton Stork Art Gift Fund - Sale of Rights			822.50	937.036.85
Current Funds Invested - Realized				420,000.00
Money Borrowed Temporarily				460.000.00
Balances 9th Month 1, 1945:				
In Treasurer's Account			176,679.03	
In President's Account			12,149.61	188.828.64
				$2,886,701.84

EXPENDITURES

1945 - 1946

Expenses of Running the College

Administration			
Salaries	44,805.36		
Supplies and Postage	2,900.85		
Services	287.55		
Telegraph and Telephone	718.43		
Replacements and Repairs	6.00		
Additional Equipment	226.85		
Insurance	84.82		
Traveling	884.75		
Public Relations	3,418.06		
Printing	3,915.51		
Entertainment	2,226.31	59,474.49	
(14.452%)			
Educational Departments			
Salaries	179,954.83		
Supplies and Postage	4,170.44		
Services	2,476.52		
Telegraph & Telephone	1,195.72		
Additional Equipment	7.50		
Insurance	1,277.32		
Traveling	1,789.65		
Miscellaneous	585.84	191,457.82	
(46.525%)			
Maintenance and Operation			
Wages	52,931.05		
Supplies and Postage	3,299.00		
Services	3,683.92		
Water, Heat, Light & Power	20,701.07		
Telegraph and Telephone	483.00		
Replacements and Repairs	1,212.22		
Additional Equipment	231.20		
Taxes	2,608.65		
Insurance	4,303.66		
Auto Maintenance & Operation	1,089.51		
Miscellaneous	1,799.61	92,342.89	
(22.440%)			
Kitchen			
Wages	18,821.69		
Provisions	43,262.09		
Services	1,075.78		
Water, Heat, Light & Power	3,957.95		
Telegraph and Telephone	179.05		
Replacements & Repairs	747.87		
Taxes	18.00		
Insurance	172.78		
Traveling	5.00	68,240.21	411,515.41
(16.583%)			
Forward			$411,515.41

Forward			$411,515.41
Treasurer's and Secretary's Expenses			
Auditors	500.00		
Clerical Help and Rent (in part)	3,750.00		
Stationery & Printing	215.93		
Machine Servicing	19.19		
Financial Publications	116.00		
Notary Fees	12.75		
Secretary's Typewriting and Expenses	825.98	5,439.85	
Old Style Pensions		27,622.00	
Annuity		1,600.00	
Interest (net cost)		1,463.95	
Stork Art Gift - Shortage of income to meet interest charge		941.77	
Fifth 1/6 cost of Language House - Alterations written off		511.87	
Fifth 1/6 cost of Kitchen Alterations applied		2,501.04	
Cost of Running the College			451,595.89
Loss written off in former deposit a/c in Merion Title and Trust Co. less recoveries			7,230.23
Immigration and Naturalization Service			
Expense of Services			825.00
Accelerated Summer Term - 1945 (completed)			
Charge cancelled		22.50	
Remaining balance distributed to Faculty		2,095.56	2,118.06
Expenditures from Income of Funds for Scholarships and Fellowships			
Jacob P. Jones Endowment Fund	2,594.00		
Moses Brown Fund	956.25		
Thomas P. Cope Fund	220.00		
Edward Yarnall Fund	225.00		
Isaiah V. Williamson Fund	600.00		
Mary M. Johnson Scholarship Fund	275.00		
Isaac Thorne Johnson Scholarship Fund	350.00		
Caspar Wistar Memorial Fund	87.00		
J. Kennedy Moorhouse Scholarship Fund	240.00		
Paul W. Newhall Memorial Scholarship Fund	375.00		
Robert Martin Zuckert Memorial Scholarship Fund	800.00		
Samuel E. Hilles Scholarship Fund	200.00		
Class of 1913 Scholarship Fund	125.00		
Class of 1917 Scholarship Fund	150.00		
Daniel B. Smith Fund	150.00		
Sarah Tatum Hilles Memorial Scholarship Fund	3,707.80		
Elihu Grant Memorial Scholarship Fund	450.00		
Clementine Cope Fellowship Fund (3 fellowships at Harvard)	1,800.00	13,305.05	
Expenditures from Income of Special Trust			
Augustus Taber Murray Research Scholarship Fund - Annuity		980.00	
Forward		14,285.05	$461.769.18

Forward		14,285.05	$461.769.18
Expenditures from Income of Funds for Library			
W. D. & E. M. L. Scull Fund - Books	227.95		
Mary Farnum Brown Library Fund			
Books - General & Christian Knowledge	2,952.82		
Lectures	24.00	2,976.82	
William H. Jenks Library Fund - Books	127.55		
Mary Wistar Brown Williams Library Fund			
Books	1,366.29		
F. B. Gummere Library Fund - Books	39.60		
Edmund Morris Fergusson Jr. Memorial Fund			
Books	55.56		
Class of 1888 Library Fund - Books	746.75		
Class of 1918 Library Fund	156.67	5,697.19	
Expenditures from Income for Special Purposes			
Thomas Shipley Fund - Lecture	207.75		
Elliston P. Morris Fund - Books	22.63		
Special Endowment Fund -			
Religious Education Committee	200.00		
Friends Council on Education	25.00		
Student Service of America	100.00		
Ommen School - Holland	50.00	375.00	
Scholarship Improvement Prize Fund - Prizes	95.00		
Elizabeth P. Smith Fund - Prize	50.00		
S. P. Lippincott History Prize Fund - Books	8.67		
Lyman Beecher Hall Prize Fund - Prize	100.00		
Newton Prize Fund - Books	5.32		
William Ellis Scull Prize Fund - Prize	50.00		
Paul D. I. Maier Fund - Prize	10.00		
Strawbridge Observatory Maintenance Fund	718.90		
Mathematics Department Prize Fund - Prizes	25.00		
William T. Elkinton Fund - International Relations Club	90.40	1,758.67	21,740.91
Spent from Donations			
For Music - from Gift of Carnegie Foundation	4,547.63		
For Art - from Gift of Carnegie Foundation	755.36	5,302.99	
For Concert	100.00		
For Books	480.13		
For Poetry Prize - Class of 1910	25.00		
For Scholarships applied	4,753.59		
For Salaries applied	3,139.93		
For Campus Club	41.10		
For Chemistry Laboratory Equipment	288.75		
For Electronic Equipment	478.47		
For Engineering Equipment	100.50		
For Kitchen Repairs	84.25		
For Microfilms	383.31		
For Haverford, Swarthmore, Bryn Mawr Programs	203.04		
For Alterations - #1 College Lane	370.00		
Forward	15,751.06		$483,510.09

Forward			$483,510.09
Spent from Donations (continued)			
Forward	15,751.06		
For Physics Laboratory	10.72		
For Rain Damage repaired	8.50		
For New Lighting Equipment - Roberts Hall	136.45		
For Travel Expense	4.50		
To Close Overdrawn Account	51.34		
For Equipment - Comptroller's Office from Morris E. Leeds stock gift	829.45		
For Bonds bought for Class of 1934 Gift	92.50		
For Cope Cricket Field applied	50.00		
For Government House applied	500.00		
For General Purposes applied	35.00	17,469.52	
Spent from Triangle Society Gift			
For Lectures on Government		1,000.00	
Spent from Bucky Foundation Gift			
For Books		2.10	
Spent from Alumni Sustaining Fund			
For Expenses of Alumni Association and Campaign (Balance of $24,012.21 used for College Current Expenses)		6,273.99	24,745.61
Miscellaneous Expenditures			
Library Replacements Accounts - Cost of Books		28.26	
Skating Pond Expenses		198.53	
Taxes Withheld paid to Government		31,816.20	
Taxes Withheld from Pensions paid to Government		2,893.50	
In and Out - Expenditures		1,327.10	
Work in Progress - spent		4,350.58	
Book Store Expenditures		3,409.03	
Store Account Costs		6,472.00	
Surplus Property of Government bought		1,643.74	
Book Store on Campus - costs		1,302.82	
Accounts Receivable from Students - charges		193,750.19	
Accounts Receivable from Students - Special - charges		10,349.52	
Accounts Receivable from Employees - charges		36,867.97	
Accounts Receivable from Government - charges		36,142.99	
Refund to Student drafted 1941-42		150.00	330,702.43
Items Relating to Other Fiscal Years			
Advance Receipts for Following Year Applied		3,525.93	
Expenses for Following Year		16,794.07	
Insurance paid in Advance - new policies bought		3,786.52	24,106.52
New Construction			
New Boilers in Power Plant (uncompleted)		12,662.85	
Extraordinary Repairs (uncompleted)		16,305.27	
Forward		28,968.12	$863,064.65

Forward				$863,064.65
New Construction (continued)				
Forward			28,968.12	
Barclay Hall Fire Account				
Contributions to Fire Companies		500.00		
Reinstatement of Insurance Policies		360.58		
Co-Insurance Penalty		141.39		
Costs of Repairing Damage (uncompleted)		14,021.62		
Transfers of Insurance to				
Furniture a/c	391.55			
Library Replacements	73.95			
For Students a/c	1,242.75	1,708.25	16,731.84	45,699.96
Investments Made or Donated				
Consolidated Investments Account				
Bonds - Government	100,000.00			
Industrial	24,562.50			
Public Utility	52,580.71			
Railroad	213,906.43	391,049.64		
Preferred Stocks -				
Industrial	66,610.98			
Public Utility	177,665.07			
Railroad	16,393.07	260,669.12		
Common Stocks - Bank	42,181.01			
Industrial	178,436.28			
Public Utility	57,742.92	278,360.21		
Mortgages		48,750.00		
Real Estate		48.00	978,876.97	
John Farnum Memorial Fund			19,335.58	
Nathan Branson Hill Fund (First National Bank & Trust Co. of Minneapolis, Minn.) (Entered short - $2,000.00)				
Ellen W. Longstreth - Mary Pearsall Agency a/c				
Anna Yarnall Agency a/c				
Augustus Taber Murray Research Scholarship Fund			15,614.65	1,013,827.20
Current Funds Invested				400,000.00
Income Transferred to Principal				
Moses Brown Fund			1,592.47	
Isaac Thorne Johnson Scholarship Fund			31.83	
George Peirce Prize Fund			106.97	
Jacob & Eugenie Bucky Memorial Foundation			132,59	
Mathematics Department Prize Fund			25.53	
Mary Farnum Brown Library Fund			42.69	1,932.08
Borrowed Money				
Repaid in full				460,000.00
Balances 8th Month 31, 1946				
In Treasurer's Account			89,043.66	
In President's Account			13,134.29	102.177.95
				$2,886,701.84

OPERATING STATEMENT

For the Year Ending 8th Month 31, 1946

Expenses of Running the College from foregoing statement			$451,595.89
Income against the Budget			
From College Sources		$214,729.05	
less Tuition provided by scholarships			
from Income of Funds (Included below)	$11,505.05		
from Donations applied	4,753.59		
less Donations for Salaries Carnegie Foundation Gift for Music applied	2,500.00		
Triangle Society Gift	1,000.00		
Alumni Association's Gift applied	3,139.93	22,898.57	
		191,830.48	
Income from Funds & Donations (applicable to Operating Account after capitalizing and Special Purposes)			
Income from Funds		193,651.82	
Donations as above			
for Scholarships	4,753.59		
for Salaries	6,639.93		
for care of Cope Field applied	50.00		
for Government House applied	500.00		
for General Purposes	35.00		
from Alumni Sustaining Fund (net)	24,012.21	35,990.73	
From gains on Investments of			
Current Funds Invested	20,000.00		
Interest on same	2,220.55	22,220.55	
Student Loan Fund - repaid		5,000.00	
Receipts applicable to Operating Expenses			448,693.58
Operating Loss for the Year			$ 2,902.31

Note: - The Receipts and Expenditures of the Immigration and Naturalization Service, showing no gain or loss, are included in the above figures.
There was no Accelerated Summer Term in 1946.

STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1946

DEBT OF THE CORPORATION

Debt of the Corporation 9th Month 1, 1945		$9,009.59
Increased: -		
By refund tuition for student drafted 1941-42	150.00	
By Operating Deficit 1945-46	2,902.31	
By Charge-off of Bank a/c - Merion Title & Trust, finally liquidated	7,230.23	
		10,282.54
Debt of the Corporation 8th Month 31, 1946		$19,292.13

Lawrence E. Brown & Company
ESTABLISHED 1882
Certified Public Accountants
PENNSYLVANIA

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

1917 FIDELITY-PHILADELPHIA TRUST BUILDING

PHILADELPHIA

October 14, 1946.

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

Dear Sirs:

We have examined the statement of receipts and expenditures and the operating statement for the fiscal year ended 8th Month 31, 1946, and the statement of debt of the corporation as of said date as set forth in the annual report of the Treasurer and Comptroller of The Corporation of Haverford College.

Our examination comprised the verification of the receipts and expenditures of the Treasurer and Comptroller for the year; the reconciliation of the cash balance at 8th Month 31, 1946 with the balance on deposit in bank; and the examination of the securities held by the Provident Trust Company as fiscal agent for the Corporation.

In our opinion, the annual report of the Treasurer and Comptroller correctly sets forth the results of the operations of The Corporation of Haverford College for the fiscal year ended 8th Month 31, 1946, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,

Lawrence E. Brown & Company
Certified Public Accountants

REPORT ON THE FUNDS

Funds for General Purposes	Principal				Income				
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
General Endowment Fund	93,753.86			93,753.86		4,333.57	4,333.57		
John Farnum Memorial Fund	34,689.85	355.55	564.23	34,481.17		1,684.34	1,684.34		
John M. Whitall Fund	10,252.18			10,252.18		473.88	473.88		
David Scull Fund	43,173.04			43,173.04		1,995.58	1,995.58		
Edward L. Scull	10,950.03			10,950.03		506.14	506.14		
Wistar Morris Memorial Fund	4,956.69			4,956.69		229.11	229.11		
Israel Franklin Whitall Fund	10,388.86			10,388.86		480.20	480.20		
Jacob P. Jones Endowment Fund	1,253,930.25			1,253,930.25		57,960.20	55,366.20	2,594.00[1]	
John Farnum Brown Memorial Fund	265,841.10			265,841.10		12,287.93	12,287.93		
Ellen Waln Fund	10,711.80			10,711.80		495.13	495.13		
Clementine Cope Endowment Fund	20,710.06			20,710.06		957.28	957.28		
Nathan Branson Hill Fund	5,134.16	74.75		5,208.91		136.79	136.79		
Joseph E. Gillingham Fund	40,849.10			40,849.10		1,888.16	1,888.16		
Henry Norris Fund	5,671.42			5,671.42		262.15	262.15		
Elizabeth H. Farnum Fund	9,160.24			9,160.24		423.41	423.41		
James R. Magee Fund	43,184.70			43,184.70		1,996.12	1,996.12		
Albert K. Smiley Fund	1,445.31			1,445.31		66.81	66.81		
Hinchman Astronomical Fund	38,074.84			38,074.84		1,759.93	1,759.93		
Wm. D. & E.M.L. Scull Fund	168,196.24			168,196.24	500.00	7,774.51	7,774.51	227.95[2]	272.05
Albin Garrett Memorial Fund	25,795.00			25,795.00		1,192.32	1,192.32		
Arnold Chase Scattergood Fund	23,492.69			23,492.69		1,085.90	1,085.90		
Francis B. Gummere Memorial Fund	120,991.54			120,991.54		5,592.57	5,592.57		
Isaac Sharpless Memorial Fund	210,754.11			210,754.11		9,741.65	9,741.65		
General Education Fund	121,480.36			121,480.36		5,615.17	5,615.17		
William Penn Foundation	98,346.29			98,346.29		4,545.84	4,545.84		
Walter Carroll Brinton Memorial Fund	13,610.80			13,610.80		629.13	629.13		
Corporation Fund	77,093.02			77,093.02		3,563.46	3,563.46		
Elizabeth J. Shortridge Fund	9,635.43			9,635.43		445.38	445.38		
Howard Comfort Memorial Fund	4,844.02			4,844.02		223.90	223.90		
Emma Ridgway Comly Fund	48,165.07			48,165.07		2,226.33	2,226.33		
Ellen W. Longstreth Fund									
In Consolidated a/c	101,712.86	1,133.82		102,846.68		4,751.38	4,751.38		
E.W. Longstreth Agency a/c	14.04	607.46	621.50	-					
Mary Pearsall Agency a/c	1,459.34	1.53	872.39	588.48					
Forward	2,928,468.30	2,173.11	2,058.12	2,928,583.29	500.00	135,324.27	132,730.27	2,821.95	272.05

REPORT ON THE FUNDS (Continued)

Funds for General Purposes (continued)	Principal: Book Value Sept. 1, 1945	Principal: Increased	Principal: Decreased	Principal: Book Value Aug. 31, 1946	Income: Balance Sept. 1, 1945	Income: Net Income	Income: Expended	Income: Special	Income: Balance Aug. 31, 1946
Forward	2,928,468.30	2,173.11	2,058.12	2,928,583.29	500.00	135,324.27	132,730.27	2,821.95	272.05
T. Allen Hilles Bequest	270,528.30			270,528.30		12,504.58	12,504.58		
Leonard L. Greif, Jr. & Roger L. Greif Fund	963.54			963.54		44.54	44.54		
Albert L. Baily Fund	4,817.71			4,817.71		222.69	222.69		
Elizabeth B. Wistar Warner Fund	4,769.54			4,769.54		220.46	220.46		
Edward M. Wistar Fund	2,408.86			2,408.86		111.34	111.34		
Triangle Society Endowment Fund		500.00		500.00		61.15	61.15		
Morris E. Leeds Fund	39,428.52			39,428.52		1,822.50	1,822.50		
J. Henry Scattergood Fund	1,979.41			1,979.41		91.49	91.49		
	3,253,364.18			3,253,979.17					
Funds for Wistar Brown Graduate School									
Moses Brown Fund	344,521.04	1,592.47		346,113.51		15,924.74	13,376.02	956.25[1] 636.23[3] 1,592.47	
Funds for Morris Infirmary									
Infirmary Endowment Fund	9,301.50			9,301.50		429.94	429.94		
John W. Pinkham Fund	4,875.05			4,875.05		225.34	225.34		
	14,176.55			14,176.55					
Funds for Haverford Union									
Haverford Union Fund	1,810.33			1,810.33		83.68	83.68		
Funds for Scholarships									
Thomas P. Cope Fund	5,066.13			5,066.13	89.17	234.17		220.00[1]	103.34
Edward Yarnall Fund	5,847.96			5,847.96	83.90	270.31		225.00[1]	129.21
Isaiah V. Williamson Fund	19,094.90			19,094.90	270.36	882.62		600.00[1]	552.98
Richard T. Jones Scholarship Fund	4,871.92			4,871.92	76.77	225.19			301.96
Mary M. Johnson Scholarship Fund	6,757.92			6,757.92	98.83	312.37		275.00[1]	136.20
Sarah Marshall Scholarship Fund	7,631.02			7,631.02	106.15	352.73			458.88
Clementine Cope Fellowship Fund	22,012.96			22,012.96	3,749.89	1,017.50		1,800.00[1]	2,967.39
Forward	71,282.81	4,265.58	2,058.12	71,282.81	4,975.07	170.361.61	161,924.00	8,490.67	4,922.01

REPORT ON THE FUNDS (Continued)

	Principal				Income				
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
Funds for Scholarships (continued)									
Forward	71,282.81	4,265.58	2,058.12	71,282.81	4,975.07	170,361.61	161,924.00	8,490.67 350.00[1] 31.83[3]	4,922.01
Isaac Thorne Johnson Scholarship Fund	8,260.53	31.83		8,292.36		381.83		87.00[1]	123.02
Caspar Wistar Memorial Fund	2,843.61			2,843.61	78.58	131.44		240.00[1]	96.33
J. Kennedy Moorhouse Scholarship Fund	4,967.88			4,967.88	106.70	229.63			762.84
Louis Jaquette Palmer Scholarship Fund	4,817.71			4,817.71	540.15	222.69		375.00[1]	19.06
Paul W. Newhall Memorial Scholarship Fund	4,861.65			4,861.65	169.34	224.72		800.00[1]	442.85*
Robert Martin Zuckert Memorial Scholarship Fund	16,813.65	2,000.00		18,813.65	396.34	846.51		200.00[1]	106.58
Samuel E. Hilles Scholarship Fund	4,834.39			4,834.39	83.12	223.46		125.00[1]	62.30
Class of 1913 Scholarship Fund	2,890.62			2,890.62	53.69	133.61		150.00[1]	91.92
Class of 1917 Scholarship Fund	3,514.85	425.00		3,939.85	70.31	171.61		150.00[1]	390.29
Daniel B. Smith Fund	5,000.00			5,000.00	309.18	231.11		3,707.80[1]	3,533.15
Sarah Tatum Hilles Memorial Scholarship Fund	75,534.58			75,534.58	3,749.53	3,491.42		450.00[1]	533.30
Elihu Grant Memorial Scholarship Fund	14,078.73	1,000.00		15,078.73	248.69	734.61			61.63
Christian Febeger Scholarship Fund		8,000.00		8,000.00		61.63			
	219,701.01			231,157.84					
Augustus Taber Murray Research Scholarship Fund	21,822.15	1,165.24	905.10	22,082.29	Dr: 322.13	1,139.48		980.00[4]	Dr: 162.65
	241,523.16			253,240.13					
Funds for the Library									
Alumni Library Fund	16,799.42			16,799.42		776.52	776.52		
Mary Farnum Brown Library Fund	65,324.99	42.69		65,367.68		3,019.51		2,952.82[2] 24.00[5] 42.69[3]	
William H. Jenks Library Fund	4,817.71			4,817.71	426.90	222.69		127.55[2]	522.04
Mary Wistar Brown Williams Library Fund	19,566.40			19,566.40	2,521.89	904.41		1,366.29[2]	2,060.01
Anna Yarnall Fund									
In Consolidated a/c	165,446.90	1,395.44		166,842.34		7,661.68	7,661.68		
Agency a/c	1,818.16		1,818.16	0					
Forward	273,773.58	18,325.78	4,781.38	273,393.55	13,407.36	191,170.17	170,362.20	20,650.65	13,564.68

REPORT ON THE FUNDS (Continued)

	Principal				Income				
	Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
Funds for Library (continued)									
Forward	273,773.58	18,325.78	4,781.38	273,393.55	13,407.36	191,170.17	170,362.20	20,650.65	13,564.68
F. P. Gummere Library Fund	612.30			612.30	29.94	28.30		39.60[2]	18.64
Edmund Morris Ferguson, Jr. Memorial Fund	965.80			965.80	22.00	44.64		55.56[2]	11.08
Class of 1888 Library Fund	6,141.02	200.00		6,341.02	528.88	290.02		746.75[2]	72.15
Class of 1918 Library Fund	1,207.83			1,207.83	116.09	55.83		156.67[2]	15.25
	282,700.53			282,520.50					
Funds for Old Style Pensions									
President Sharpless Fund	39,733.67			39,733.67		1,836.60	1,836.60		
William P. Hensey Fund	35,418.53			35,418.53		1,637.14	1,637.14		
Jacob P. Jones Benefit Fund	65,630.50			65,630.50		3,033.63	3,033.63		
Pliny Earle Chase Memorial Fund	3,152.93			3,152.93		145.74	145.74		
Haverford College Pension Fund	107,955.98			107,955.98		4,990.03	4,990.03		
	251,891.61			251,891.61					
Funds for Special Purposes									
Thomas Shipley Fund	5,056.68			5,056.68	932.62	233.73		207.75[5]	958.60
Elliston P. Morris Fund	1,085.68			1,085.68	102.71	50.18		22.63[2]	130.26
John B. Garrett Reading Prize Fund	2,189.40			2,189.40	471.08	101.20		50.00[6]	572.28
Special Endowment Fund	8,890.67			8,890.67	1,538.68	410.95		200.00[7] 25.00[8] 100.00[9]	1,574.63
Scholarship Improvement Prize Fund	2,213.14			2,213.14	117.41	102.30		95.00[10]	124.71
Elizabeth P. Smith Fund	1,680.48			1,680.48	309.78	77.68		50.00[10]	337.46
S. P. Lippincott History Prize Fund	2,454.02			2,454.02	209.23	113.43		8.67[2]	313.99
Francis Stokes Fund	4,933.63			4,933.63	1,095.44	228.05			1,323.49
George Peirce Prize Fund	2,314.33	106.97		2,421.30		106.97		106.97[3]	
Lyman Beecher Hall Prize Fund	2,076.43			2,076.43	397.10	95.98		100.00[10]	393.08
Newton Prize Fund	1,346.79			1,346.79	109.72	62.25		5.32[2]	166.65
Edward B. Conklin Athletic Fund	2,312.51			2,312.51		106.89	106.89		
Forward	36,553.76	18,632.75	4,781.38	36,660.73	19,388.04	204,921.71	182,112.23	22,620.57	19,576.95

REPORT ON THE FUNDS (Continued)

Funds for Special Purposes (continued)	Principal: Book Value Sept. 1, 1945	Increased	Decreased	Book Value Aug. 31, 1946	Income: Balance Sept. 1, 1945	Net Income	Expended	Special	Balance Aug. 31, 1946
Forward	36,553.76	18,632.75		36,660.73	19,388.04	204,921.71	182,112.23	22,620.57	19,576.95
Arboretum Fund	4,420.49			4,420.49	962.78	204.33			1,167.11
William Ellis Scull Prize Fund	1,927.09			1,927.09	234.99	89.08		50.00[10]	274.07
Paul D. I. Maier Fund	963.54			963.54		44.54	34.54	10.00[10]	-
Strawbridge Observatory Maintenance Fund.	3,699.55			3,699.55	467.81	171.00	718.90		Dr: 80.09
Jacob Eugene Bucky Memorial Foundation	2,201.86	1,132.59		3,334.45		132.59	132.59		
Mathematics Department Prize Fund	1,093.29	25.53		1,118.82		50.53		25.00[10] 25.53[3]	
William T. Elkinton Fund	2,491.50			2,491.50	105.66	115.16	90.40		130.42
Tilney Memorial Fund	2,000.00	3,000.00		5,000.00	67.39	231.11			298.50
Class of 1902 Latin Prize Fund	142.90			142.90	33.52	6.61			40.13
	55,493.98			59,759.07					
	$4,445,481.38	$22,790.87	$4,781.38	$4,463,490.87	$21,260.19	$205,966.66	$183,088.66	$22,731.10	$21,407.09

1 *Scholarships*
2 *Books*
3 *Income Transferred to Capital*
4 *Annuity*
5 *Lecture*
6 *Ommen School - Holland*
7 *Religious Educational Committee*
8 *Friends Council on Education*
9 *Student Service of America*
10 *Prizes*

SUMMARY OF THE FUNDS

	Book Value September 1, 1945	Increased	Decreased	Book Value September 1, 1946
Funds for General Purposes	$3,253,364.18	$ 2,673.11	$ 2,058.12	$3,253,979.17
Fund for T. Wistar Brown Graduate Scholarship	344,521.04	1,592.47		346,113.51
Funds for Morris Infirmary	14,176.55			14,176.55
Funds for Haverford Union	1,810.33			1,810.33
Funds for Scholarships	241,523.16	12,622.07	905.10	253,240.13
Funds for Library	282,700.53	1,638.13	1,818.16	282,520.50
Funds for Old Style Pensions	251,891.61			251,891.61
Funds for Special Purposes	55,493.98	4,265.09		59,759.07
	4,445,481.38	22,790.87	4,781.38	4,463,490.87
Plus undistributed gain in Consolidated Investments a/c	54,165.33			89,966.62
Total of ALL Funds	$4,499,646.71	$22,790.87	$ 4,781.38	$4,553,457.49

SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

Consolidated Account	$4,434,709.01	$141,813.68	$85,426.05	$4,491,096.64
Non-Consolidated Accounts:				
John Farnum Memorial Fund	34,689.85	355.55	564.23	34,481.17
Nathan Branson Hill Fund (In care of First National Bank & Trust Co., Minneapolis, Minnesota)	5,134.16	74.75		5,208.91
Ellen W. Longstreth Fund -- Mary Pearsall et al Agency a/c	1,459.34	1.53	872.39	588.48
Ellen W. Longstreth Fund -- Ellen W. Longstreth Agency a/c	14.04	607.46	621.50	0
Augustus Taber Murray Research Scholarship Fund	21,822.15	1,165.24	905.10	22,082.29
Anna Yarnall Fund -- Anna Yarnall Agency a/c (Girard Trust Co., Agent)	1,818.16		1,818.16	
	$4,499,646.71	$144,018.21	$90,207.43	$4,553,457.49

The Book Value increased $53,810.78 as follows:

Donations for Additions to Funds	$16,125.00	
Income Transferred to Principal	1,932.08	
Gain on Securities Sold	115,295.74	
Gain on Securities Called	4,980.20	
Gain on Securities Matured	60.00	
Gain on Securities Liquidated	220.84	
Gain on Real Estate Sold	2,866.61	
Gain on Mortgages Liquidated	6.95	$141,487.42
LESS:		
Loss on Securities Sold	8,735.41	
Loss on Securities Called	2,326.09	
Loss on Securities Liquidated	2,780.00	
Loss on Securities Matured	220.00	
Loss on Real Estate Sold	23,929.16	
Loss on Mortgages Liquidated	49,685.98	87,676.64
		$ 53,810.78

CLASSIFICATION OF INVESTMENTS

8th Month 31, 1946

	Consolidated Account		Non-Consolidated Accounts		Total		%	Market Value		%
BONDS										
Government										
United States	$310,000.00		$ 5,100.00		$315,100.00			$348,063.13		
Foreign	24,062.50				24,062.50			0.00		
Municipal	0		0		0			0.00		
Industrial	37,350.00		927.50		38,277.50			27,825.00		
Public Utility	201,864.92		13,188.42		215,053.34			235,618.75		
Railroad	523,187.58		10,920.83		534,108.41			568,736.25		
Miscellaneous	10,479.00				10,479.00			33,260.00		
		1,106,944.00		30,136.75		1,137,080.75	24.97		1,213,503.13	24.19
PREFERRED STOCK										
Industrial	158,645.30				158,645.30			172,495.00		
Public Utility	340,045.68		9,661.53		349,707.21			367,689.00		
Railroad	63,747.87				63,747.87			79,900.00		
		562,438.85		9,661.53		572,100.38	12.57		620,084.00	12.36
COMMON STOCK										
Bank & Insurance	466,008.73				466,008.73			534,738.00		
Industrial	964,210.80				964,210.80			1,197,577.50		
Public Utility	257,986.85				257,986.85			306,169.25		
Railroad	170,674.37		5,790.15		176,464.52			160,327.50		
Miscellaneous	8,531.98				8,531.98			13,443.00		
		1,867,412.73		5,790.15		1,873,202.88	41.14		2,212,255.25	44.10
MORTGAGES		290,043.34				290,043.34	6.37		290,043.34	5.78
REAL ESTATE		228,018.54		4,831.79		232,850.33	5.11		232,850.33	4.64
MISCELLANEOUS (including Campus Houses $273,781.62)		323,666.78				323,666.78	7.11		323,666.78	6.45
CASH - due to Funds from Corporation @ 4% Interest		112,572.40		11,940.63		124,513.03	2.73		124,513.03	2.48
		$4,491,096.64		$62,360.85		$4,553,457.49	100.00%		$5,016,915.86	100.00%

NOTE: There are $68,177.50 Public Utility Bonds not included in above figures, being holdings in C. Wharton Stork Art Gift Fund which is not included in the Funds. This Fund also has an overdraft in Principal cash of $44,977.50.

INCOME RETURN

The net income return ($205,886.68) after allowing commission to our fiscal agent was 4.52% on book value at the end of the year.

DONATIONS FOR ADDITIONS TO FUNDS

1945 - 1946

TRIANGLE SOCIETY ENDOWMENT FUND

Proceeds of Policy on life of H. Conrad Atkinson, '40, who was lost in Pacific Area during War		$500.00

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

From -- Harry M. Zuckert		2,000.00

CLASS OF 1917 SCHOLARSHIP FUND

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

From:	H. E. McKinstry	20.00	
	Donald Chandler	100.00	
	Edmund T. Price	100.00	
	Robert B. Haines, 3rd	25.00	
	Joseph Greene, Jr.	100.00	
	M. Alexander Laverty	10.00	
	John W. Spaeth, Jr.	15.00	
	Albert W. Hall	20.00	
	H. Lawrence Jones	10.00	
	Newlin F. Paxson	25.00	425.00

ELIHU GRANT MEMORIAL FUND

From -- Mrs. Almy C. Grant		1,000.00

CHRISTIAN FEBIGER SCHOLARSHIP FUND (New)

From -- Mrs. Madeline Seabury Febiger		8,000.00

CLASS OF 1888 LIBRARY FUND

From -- Mr. Joseph W. Sharp, Jr.		200.00

JACOB & EUGENIE BUCKY MEMORIAL FOUNDATION

From -- Colonial Trust Company, New York

Through - Robert C. Thomson, Jr.		1,000.00

TILNEY MEMORIAL FUND

Through -- I. Sheldon Tilney

From:	Georgiana S. Kirkbride	1,000.00	
	Robert W. Tilney	2,000.00	3,000.00

$16,125.00

DONATIONS

FOR MEDIAEVAL MUSIC CONCERT			
From Dr. Pepinsky			$100.00
FOR ATHLETICS			
Class of 1922 - from C. M. Snader '22		80.00	
Field House - from A. W. Haddleton		29.50	109.50
FOR BOOKS			
From Victor Schoepperle '11 - Greek Books	100.00		
Oriental Books	100.00	200.00	
From Library Associates: As per list on pages		578.00	
From Minor Library Donations Through Professor D. P. Lockwood		28.39	
From Matzke Royalties (from Publisher)		34.68	841.07
FOR SCHOLARSHIPS			
From Max Leuchter		100.00	
From Student Council of Haverford College		120.00	
From L. Szerlip		500.00	
From Guggenheim Foundation		400.00	
From Leslie C. Heath		200.00	
From Professor Douglas V. Steere		300.00	
From Anonymous Professor		100.00	
From Anonymous Professor		100.00	1,820.00
FOR SALARIES			
From: Alumni Association			3,139.93
FOR CAMPUS CLUB			
Through Dr. Oakley			
Anonymous		11.34	
Mr. Albert L. Baily, Jr.		20.00	
Mrs. Henry L. Balderston		2.00	
Mr. Wilfred Bancroft		5.00	
Mr. Daniel B. Boyer		5.00	
Mr. Samuel T. Brinton		1.00	
Mr. and Mrs. Wm. E. Cadbury, Jr.		2.00	
Mr. and Mrs. Aldo Caselli		2.00	
Mrs. Julia Cope Collins		5.00	
Mrs. Sydney B. Dunn		20.00	
Mr. Charles Evans		5.00	
Mr. and Mrs. Louis C. Green		2.00	
Mr. and Mrs. A. W. Haddleton		2.00	
Mr. and Mrs. T. B. Hetzel		5.00	
Mr. and Mrs. Rufus Jones		10.00	
Mr. John A. Kelly		5.00	
Mr. Morris E. Leeds		25.00	
Mr. M. A. Linton		5.00	
Forward		132.34	$6,010.50

Forward		$6,010.50
FOR CAMPUS CLUB (continued)		
Forward	132.34	
Mr. John C. Lober	5.00	
Mr. and Mrs. Wm. B. Meldrum	2.00	
Mr. C. C. Morris	10.00	
Mr. Marriott C. Morris	2.00	
Mr. John W. Muir	1.00	
Mr. George Norris	1.00	
Dr. Thomas Parke	5.00	
Mr. and Mrs. Harry Pfund	2.00	
Mr. and Mrs. L. A. Post	2.00	
Mr. and Mrs. G. Ruhland Rebmann	10.00	
Mr. and Mrs. R. M. Sargent	5.00	
Mr. A. G. Scattergood	10.00	
Mr. J. Henry Scattergood	5.00	
Mr. Jonathan M. Steere	10.00	
Mr. and Mrs. Howard Teaf	10.00	
Mr. and Mrs. Louis W. Van Meter	5.00	
Mrs. E. O. Warner	1.00	
Mr. and Mrs. Albert H. Wilson	10.00	
Mr. and Mrs. Edward Woolman	10.00	
Sale of trees	25.00	263.34
FOR CARE OF COPE FIELD		
From Alfred G. Scattergood, Trustee		50.00
FOR #1 COLLEGE LANE IMPROVEMENTS		
From Dr. Herndon		370.00
FOR PSYCHOLOGY DEPARTMENT		
From Dr. Pepinsky		10.00
FOR PHYSICS LABORATORY		
From Dr. Sutton		10.72
FOR RADIO CLUB		
Interest Allowed		63.12
RAIN DAMAGE - MERION HALL		
From A. Caselli		8.50
TRAVELING EXPENSE		
From Dr. Oakley		4.50
UNSPECIFIED		
From Rev. A. Fifer	35.00	
A. Caselli	51.34	
Class of 1934	85.00	171.34
ALUMNI SUSTAINING FUND		
As per following list of contributors		30,286.20
		$37,248.22

CONTRIBUTORS TO THE "ALUMNI FUND"

The Class of 1881		
L. T. Edwards	$10.00	$10.00
The Class of 1882		
J. Henley Morgan	1.00	
Edward Randolph	10.00	
Lindley M. Winston	5.00	16.00
The Class of 1883		
William L. Baily	5.00	
Stephen W. Collins	5.00	
Charles H. Whitney	5.00	15.00
The Class of 1884		
J. Henry Allen	2.00	2.00
The Class of 1885		
William T. Ferris	25.00	
Arthur W. Jones	10.00	
Rufus M. Jones	20.00	
Marriott C. Morris	25.00	80.00
The Class of 1887		
Edward F. Chillman	8.00	
Allen B. Clement	10.00	
Alfred C. Garrett	200.00	
Henry H. Goddard	10.00	
Willis H. Hazard	25.00	
Frederic H. Strawbridge	125.00	378.00
The Class of 1888		
Henry V. Gummere	10.00	
Morris E. Leeds	1,000.00	
William D. Lewis	10.00	
Joseph W. Sharp, Jr.	20.00	1,040.00
The Class of 1889		
Thomas Evans	100.00	
Lawrence J. Morris	50.00	
Warner Fite	10.00	
Franklin B. Kirkbride	10.00	
Charles M. Shupert	5.00	
J. Stogdell Stokes	25.00	
Frank E. Thompson	10.00	210.00
The Class of 1890		
George T. Butler	25.00	
Charles T. Cottrell	25.00	
Guy H. Davies	50.00	
Thomas S. Janney	10.00	
Jonathan M. Steere	100.00	
Robert R. Tatnall	5.00	215.00
The Class of 1891		
Carey Coale	5.00	
David L. Mekeel	5.00	
Henry A. Todd	5.00	15.00
Forward		$1,981.00

Forward		$1,981.00
The Class of 1892		
Augustine W. Blair	2.50	
Benjamin Cadbury	10.00	
Walter M. Hart	10.00	
Arthur Hoopes	15.00	
John W. Muir	10.00	
W. Nelson L. West	100.00	147.50
The Class of 1893		
Leslie A. Baily	5.00	
Walter W. Haviland	3.00	
Clarence G. Hoag	20.00	
A. V. Morton	10.00	
Charles J. Rhoads	100.00	
Barton Sensenig	10.00	
Edward Woolman	100.00	
Gifford K. Wright	25.00	273.00
The Class of 1894		
J. Henry Bartlett	10.00	
Alfred Busselle	10.00	
William W. Comfort	25.00	
Henry S. Conard	5.00	
George B. Dean	5.00	
Clifford B. Farr	5.00	
Martin N. Miller	10.00	
Edward E. Quimby	10.00	
Frederick P. Ristine	100.00	
Jonathan T. Rorer	5.00	185.00
The Class of 1895		
Frank H. Conklin	25.00	
Allen C. Thomas	50.00	75.00
The Class of 1896		
George R. Allen	25.00	
William H. Bettle	10.00	
Arthur F. Coca	10.00	
Thomas H. Haines	10.00	
Albert D. Hartley	1.00	
William W. Hastings	10.00	
John A. Lester	5.00	
J. Henry Scattergood	250.00	
L. Hollingsworth Wood	25.00	346.00
The Class of 1897		
Thomas M. Chalfant	75.00	
Alfred M. Collins	100.00	
Charles H. Howson	25.00	
John E. Hume	10.00	
Roswell C. McCrea	20.00	
William G. Rhoads	10.00	240.00
The Class of 1898		
C. Herbert Bell	10.00	
Vincent Gilpin	25.00	
John I. Lane	10.00	
Morris M. Lee	10.00	
Forward	55.00	$3,247.50

Forward		$3,247.50
The Class of 1898 (continued)		
Forward	55.00	
Oscar P. Moffitt	10.00	
S. Rowland Morgan	2.00	
Alfred G. Scattergood	100.00	
Francis R. Strawbridge	100.00	
Fred A. Swan	10.00	
Robert N. Wilson	10.00	
Thomas Wistar	50.00	
Richard D. Wood	10.00	347.00
The Class of 1899		
William A. Battey	100.00	
John D. Carter	5.00	
F. Algernon Evans	500.00	
Edward H. Lycett, Jr.	10.00	
Joseph P. Morris	10.00	
H. C. Petty	5.00	
E. Roberts Richie	100.00	
Clement Wild	10.00	740.00
The Class of 1900		
W. B. Bell	25.00	
Robert J. Burdette	10.00	
Francis R. Cope, Jr.	25.00	
Henry S. Drinker	100.00	
Frank M. Eshleman	10.00	
Henry M. Hallett	10.00	
Walter S. Hinchman	10.00	
Furman S. Howson	25.00	
J. Irving Peelle	10.00	
F. C. Sharpless	100.00	
Abram G. Tatnall	5.00	
Wilfred W. White	25.00	355.00
The Class of 1901		
John W. Cadbury, Jr.	5.00	
William E. Cadbury	20.00	
Laurence W. DeMotte	10.00	
Lovett Dewees	20.00	
William H. Kirkbride	10.00	
Herbert S. Langfeld	10.00	
W. LaCoste Neilson	10.00	85.00
The Class of 1902		
Edgar H. Boles	100.00	
Charles Evans	10.00	
Edward W. Evans	50.00	
Richard M. Gummere	5.00	
S. Percy Jones	10.00	
William C. Longstreth	10.00	
Galloway C. Morris	5.00	
Gurney E. Newlin	10.00	
William P. Philips	2,500.00	
J. W. Reeder	100.00	
Robert J. Ross	30.00	
John L. Stone	10.00	
Edgar E. Trout	10.00	
Alexander C. Wood, Jr.	50.00	2,900.00
Forward		$7,674.50

Forward		$7,674.50
The Class of 1903		
A. Griffin Dean	10.00	
Harry A. Domincovich	15.00	
James B. Drinker	10.00	
U. Mercur Eshleman	10.00	
Enoch F. Hoffman	5.00	
Cadwalader W. Kelsey	25.00	
Arthur J. Phillips	25.00	
I. Sheldon Tilney	15.00	
Howard M. Trueblood	10.00	125.00
The Class of 1904		
William S. Bradley	5.00	
Arthur Crowell	25.00	
Philip D. Folwell	50.00	
George K. Helbert	25.00	
William M. Kimber	10.00	
Bernard Lester	10.00	
C. C. Morris	500.00	
Harold H. Morris	25.00	
Charles R. Owen	25.00	
Edgar T. Snipes	10.00	
Samuel C. Withers	15.00	
William M. Wills	5.00	705.00
The Class of 1905		
Thomas M. Bales	5.00	
Sydney M. Boher	20.00	
Henry G. Cox	5.00	
Benjamin Eshleman	25.00	
Arthur H. Hopkins	15.00	
Paul Jones	100.00	
Charles S. Lee	10.00	
Joseph H. Morris	10.00	
E. Converse Peirce	10.00	
Glyndon Priestman	10.00	
Charles Ritts	25.00	
Leslie B. Seely	25.00	
Sigmund Spaeth	10.00	
Herman K. Stein	50.00	
Howard P. Thomas	10.00	
Ralph W. Trueblood	10.00	
Edwards F. Winslow	5.00	345.00
The Class of 1906		
Thomas Crowell	10.00	
Gordon H. Graves	7.00	
Albert W. Hemphill	25.00	
H. Boardman Hopper	25.00	
James Monroe	50.00	
Francis B. Morris	5.00	
Henry Pleasants, Jr.	10.00	
Albert K. Smiley	50.00	
John A. Stratton	10.00	
Francis R. Taylor	150.00	
Joseph J. Tunney	50.00	
W. A. Young	5.00	397.00
Forward		$9,246.50

Forward		$9,246.50
The Class of 1907		
Joseph C. Birdsall	2,000.00	
Harold Evans	250.00	
Samuel J. Gummere	10.00	
Ernest F. Jones	3.00	
James P. Magill	114.41	
William R. Rossmassler	10.00	
Emmett R. Tatnall	10.00	
Alex N. Warner	10.00	
W. Butler Windle	5.00	
George H. Wood	10.00	2,422.41
The Class of 1908		
Fisher C. Baily	5.00	
Howard Burtt	15.00	
Dudley D. Carroll	5.00	
J. Browning Clement	10.00	
E. A. Edwards	25.00	
J. Passmore Elkinton	5.00	
J. Jarden Guenther	10.00	
Thomas R. Hill	10.00	
Walter E. Lewis	5.00	
George K. Strode	5.00	
M. Albert Linton	50.00	
T. Morris Longstreth	10.00	
Charles L. Miller	15.00	
William H. Morriss	25.00	
Charles H. Rogers	10.00	
Winthrop Sargent	10.00	
Hugh Smiley	5.00	
Edwin Wright	5.00	225.00
The Class of 1909		
R. Newton Brey	10.00	
Percival B. Fay	10.00	
William S. Febiger	100.00	
Allan J. Hill	50.00	
Howard M. Lutz	1.00	
Paul Van R. Miller	50.00	
Joseph W. Pennypacker	25.00	
J. Warrington Stokes	10.00	
Frederick R. Taylor	10.00	266.00
The Class of 1910		
E. Page Allinson	50.00	
Earl S. Cadbury	1.00	
Edward W. David	25.00	
Joseph C. Develin	10.00	
E. Nelson Edwards	50.00	
Rodney M. Eshleman	5.00	
Carroll A. Haines	10.00	
Harrison S. Hires	1,000.00	
Arthur W. Hutton	10.00	
John D. Kenderdine	5.00	
George A. Kerbaugh	10.00	
Charles M. Leininger	200.00	
Sidney Loewenstein	10.00	
Industrial Hosiery Mills, Inc., (via C. M. Leininger)	600.00	
Forward	1,986.00	$12,159.91

Forward		$12,159.91
The Class of 1910 (continued)		
Forward	1,986.00	
Christopher Morley	50.00	
Reginald H. Morris	10.00	
Walter Palmer	20.00	
Samuel A. Rabinowitz	5.00	
Charles S. Ristine	100.00	
Perry B. Strassburger	5.00	
Willard Tomlinson	15.00	2,191.00
The Class of 1911		
Daniel B. Boyer	25.00	
John S. Bradway	10.00	
Philip B. Deane	50.00	
John S. Downing	25.00	
Herbert V. B. Gallager	10.00	
William D. Hartshorne	10.00	
David Hinshaw	25.00	
William L. Kleinz	10.00	
L. Arnold Post	15.00	
D. Duer Reynolds	50.00	
Edwin A. Russell	100.00	
Victor Schoepperle	245.00	
L. R. Shero	20.00	
Gibson Smith	100.00	
Howard G. Taylor, Jr.	5.00	
Walter Tebbetts	10.00	
Charles Wadsworth, III	50.00	
Caleb Winslow	2.50	
Alan S. Young	5.00	767.50
The Class of 1912		
Stacey K. Beebe	10.00	
Robert E. Miller	25.00	
Charles T. Moon	10.00	
Irvin C. Poley	5.00	
Leonard C. Ritts	25.00	
Henry M. Thomas, Jr.	30.00	
Richard Tunis	10.00	
Edward Wallerstein	50.00	165.00
The Class of 1913		
Joseph M. Beatty	5.00	
William S. Crowder	10.00	
Charles G. Darlington	10.00	
Francis H. Diament	20.00	
Philip C. Gifford	5.00	
Norris F. Hall	10.00	
William Y. Hare	20.00	
Charles E. Hires	100.00	
Elisha T. Kirk	20.00	
William C. Longstreth	5.00	
Jesse D. Ludlam	50.00	
Edmund R. Maule	5.00	
Stephen W. Meader	25.00	
Lloyd H. Mendenhall	5.00	
George Montgomery	5.00	
Oliver M. Porter	5.00	
Forward	300.00	$15,283.41

Forward		$15,283.41
The Class of 1913 (continued)		
Forward	300.00	
John V. Van Sickle	7.00	
Frederick P. Stieff	10.00	
James E. Stinson	10.00	
Georges M. Weber	25.00	
Donald Wilder	5.00	
Edwards F. Winslow	5.00	
George L. Winslow	10.00	372.00
The Class of 1914		
Walter G. Bowerman	10.00	
Carroll D. Champlin	10.00	
George V. Downing	10.00	
C. W. Edgerton	15.00	
Howard W. Elkinton	10.00	
Thomas W. Elkinton	500.00	
John K. Garrigues	25.00	
Edward M. Jones	20.00	
Rowland P. McKinley	10.00	
Robert A. Locke	100.00	
Harold S. Miller	5.00	
Robert C. Smith	10.00	
S. Emlen Stokes	1,000.00	
Thomas Tomlinson	10.00	
Charles K. Trueblood	10.00	
W. H. B. Whitall	100.00	
Charles R. Williams	5.00	1,850.00
The Class of 1915		
Emmett R. Dunn	10.00	
Andrew Harvey	25.00	
Harold W. Helveston	15.00	
Felix Morley	25.00	
Edward L. Shaffer	5.00	
C. Brinkley Turner	5.00	
Walter E. Vail	25.00	
Donald B. VanHollen	5.00	115.00
The Class of 1916		
Frederick C. Buffum	100.00	
Frank W. Cary	50.00	
James Carey, 3rd	25.00	
J. Arthur Cooper	5.00	
Bolton L. Corson	25.00	
George A. Dunlap	10.00	
Albert G. Garrigues	10.00	
William T. Hannum	10.00	
Robert C. Kendig	10.00	
William T. Kirk	15.00	
Philip L. Leidy	100.00	
J. Sidney Marine	10.00	
Ulric J. Mengert	10.00	
Thomas Steere	15.00	
Joseph Stokes, Jr.	25.00	420.00
Forward		$18,040.41

Forward		$18,040.41
The Class of 1917		
Ernest L. Brown	20.00	
William H. Chamberlin	5.00	
Donald Chandler	10.00	
Loring Dam	10.00	
Joseph W. Greene, Jr.	50.00	
Albert W. Hall	20.00	
Weston Howland	25.00	
H. Lawrence Jones	10.00	
Mennis Lawson	10.00	
H. E. McKinstry	15.00	
Robert D. Metcalfe	10.00	
Gilbert H. Moore	25.00	
Newlin L. Paxson	25.00	
Edmund T. Price	100.00	
John W. Spaeth	10.00	
Arthur E. Spellissy	50.00	395.00
The Class of 1918		
H. H. Arnold	15.00	
Herbert H. Bell	10.00	
Bennett S. Cooper	15.00	
J. Marshall Crosman	10.00	
Stephen Curtis	5.00	
Robert H. Dann	5.00	
Frank Deacon	5.00	
Alfred H. Dewees	15.00	
Neil Gilmour	10.54	
Robert B. Greer	10.00	
H. M. Hallett	10.00	
William H. Harding	10.00	
Joseph H. Hayman, Jr.	25.00	
Charles-Francis Long	15.00	
William Mussetter	50.00	
Herbert J. Painter	25.00	
Edward A. G. Porter	10.00	
Joseph W. Sharp	10.00	
Morris S. Shipley	25.00	
Oliver P. Tatum	10.00	
John W. Thacher	10.00	
Albert H. Tomlinson	25.00	
A. J. Townsend	5.00	330.54
The Class of 1919		
Richard T. Battey	15.00	
William J. Brockelbank	2.00	
S. Hudson Chapman, Jr.	5.00	
Philip L. Corson	25.00	
Franklin M. Earnest, Jr.	10.00	
Francis Goodhue, 3rd	5.00	
Edgar B. Graves	5.00	
Mrs. Roy T. Griffith, In Memory of R. T. Griffith	5.00	
Hartley S. Haines	5.00	
George H. Hubler	25.00	
Furman H. Limeburner	25.00	
Thomas McConnell	50.00	
A. Douglas Oliver	10.00	
Walter P. Shipley, Jr.	5.00	
Cleaver S. Thomas	15.00	
Elmer H. Thorpe	10.00	217.00
Forward		$18,982.95

Forward		$18,982.95
The Class of 1920		
Harold W. Brecht	5.00	
Truxton R. Broadhead	25.00	
Herman D. Carus	100.00	
Paul C. Crowther	20.00	
J. Russel Fitts	50.00	
Edwin O. Geckeler	200.00	
Frank T. Gucker	15.00	
Harry C. Hartman	10.00	
Horace P. Hill	100.00	
Milton A. Kamsler	25.00	
A. Douglas Knowlton	100.00	
Norman F. Milne	100.00	
Thomas E. Morris	25.00	
Robert R. Porter	15.00	
Edward L. Smith, Jr.	25.00	
Horace F. Spencer	10.00	
C. W. Ufford	10.00	
John S. Williams	25.00	
Richard R. Wood	10.00	
Granville Worrell, 2nd	55.00	925.00
The Class of 1921		
C. Addison Brinton	10.00	
Elliot W. Brown	25.00	
S. Newcomb Ewan, Jr.	10.00	
Edward C. Haines	5.00	
A. W. Hastings	10.00	
Edmund G. Hauff	10.00	
Eugene B. Heilman	50.00	
John R. Hoopes	25.00	
William T. Jebb	10.00	
J. Barclay Jones	5.00	
Henry W. Kumm	5.00	
J. W. Leonard	25.00	
Julian S. Long	25.00	
Archibald MacIntosh	25.00	
Raymond T. Ohl	5.00	
M. Huyett Sangree	10.00	
B. B. Weatherby	50.00	
Robert N. Wood	50.00	355.00
The Class of 1922		
Charles D. Abbott	10.00	
John B. Barker	15.00	
K. Braddock-Rogers	3.00	
Andrew Brown	10.00	
Henry S. Fraser	10.00	
John F. Gummere	10.00	
George A. Hilleman	25.00	
Ralph A. Klemm	5.00	
Robert R. Matzke	5.00	
Frederick S. Miller	10.00	
Elliston Morris	10.00	
Chauncey G. Paxson	10.00	
Craige M. Snader	15.00	
Richard M. Sutton	35.00	
Edward A. Taylor	5.00	
Forward	178.00	$20,262.95

Forward		$20,262.95
The Class of 1922 (continued)		
Forward	178.00	
Kenneth B. Walton	50.00	
J. Colvin Wright	25.00	
Edwin W. Zerrer	10.00	263.00
The Class of 1923		
R. G. Allen	100.00	
John C. Borton	5.00	
H. Tatnall Brown, Jr.	5.00	
Hal G. Farrar	25.00	
F. S. Flowers	10.00	
Gilbert C. Fry	50.00	
E. K. Haviland	10.00	
Rees S. Himes	5.00	
Garrett S. Hoag	25.00	
W. C. Hunsicker, Jr.	5.00	
Wilmot R. Jones	25.00	
S. Brooks Knowlton	5.00	
Andrew L. Lewis	10.00	
Thomas Parke	25.00	
John B. Stevenson	5.00	
C. Bevan Strayer	2.00	
Charles Warner, Jr.	50.00	
Farnham Warriner	10.00	
Alexander J. Williamson	5.00	377.00
The Class of 1924		
Charles F. Bader, Jr.	10.00	
Courtland B. Brinton	15.00	
Hugh P. Brinton	5.00	
J. Stanton Carson	50.00	
Rowland C. Cocks	5.00	
Howard Comfort	5.00	
Thomas S. Ellis	10.00	
Charles H. Frazier	25.00	
Harold D. Greenwell	10.00	
Gaylord P. Harnwell	25.00	
Howard J. Hogenauer	250.00	
Philip G. Rhoads	20.00	
Edward P. VanTine	25.00	
William N. West, 3rd	25.00	
Donald E. Wilbur	10.00	490.00
The Class of 1925		
Conrad Acton	5.00	
Eric G. Ball	10.00	
Francis C. Barton, Jr.	10.00	
Robert C. Bates, Jr.	10.00	
Wray D. Bentley	10.00	
Leigh E. Chadwick	10.00	
Class of 1925	4.64	
Douglas W. Eiseman	5.00	
Thomas C. Garrett	10.00	
Harman A. Gerkes	10.00	
Edward L. Gordy	5.00	
J. S. C. Harvey, Jr.	5.00	
H. Richard Heilman	10.00	
Forward	104.64	$21,392.95

Forward		$21,392.95
The Class of 1925 (continued)		
Forward	104.64	
Irving Hollingshead	10.00	
Henry F. House	10.00	
Charles H. Johnson, Jr.	25.00	
Phillips Johnson	10.00	
Karl G. Kumm	5.00	
Hugh Montgomery	5.00	
Warren W. Newman	15.00	
Jesse T. Nicholson	25.00	
Owen B. Rhoads	50.00	
William D. Rogers	5.00	
Albert E. Savage	25.00	
Charles C. Sellers	5.00	
Francis M. Stifler	10.00	
Louis E. Taubel	5.00	
Charles L. S. Tingley, Jr.	100.00	
Benjamin B. Warfield	10.00	
Austin Wright	10.00	429.64
The Class of 1926		
Donald G. Baker	5.00	
Schuyler Baldwin	5.00	
Robert Barry, II	5.00	
Alfred E. Buck	5.00	
Alfred Busselle, Jr.	5.00	
John B. Calkin	10.00	
Francis F. Campbell	10.00	
Alexander R. Carman, Jr.	40.00	
Franklin O. Curtis	10.00	
Henry C. Evans	10.00	
Charles H. Greene	5.00	
Edmund P. Hannum	25.00	
Siddons Harper, Jr.	10.00	
Dalzell F. Hartman	10.00	
Robert L. Hatcher	5.00	
Harris G. Haviland	10.00	
Isaac L. Hibberd	10.00	
Wayne G. Jackson	15.00	
J. D. Joly	10.00	
Winthrop M. Leeds	50.00	
Benjamin H. Lowry	25.00	
Howard T. MacGowan	10.00	
Willard E. Mead	25.00	
Robert H. Richie	5.00	
Fred Rodell	5.00	
Paul L. Sassaman	10.00	
C. Earnest Shank	10.00	
Charles E. Sumwalt	10.00	
Joseph A. Vansant	10.00	
Edward S. Wood, Jr.	10.00	375.00
The Class of 1927		
Samuel Armstrong	5.00	
James W. Baker	10.00	
M. Ward Bayles	5.00	
Herman E. Compter	10.00	
Daniel M. Coxe	10.00	
Forward	40.00	$22,197.59

Forward		$22,197.59
The Class of 1927 (continued)		
Forward	40.00	
Allan B. Fay	15.00	
John E. Forsythe	5.00	
Albert W. Fowler	5.00	
William S. Halstead	10.00	
John L. Heller	5.00	
Arland I. Innes	10.00	
John C. Lober	20.00	
Paul W. Ohl	10.00	
George H. Renninger	10.00	
Ira B. Rutherford	15.00	
Franklin Sanders	8.00	
S. Stansfeld Sargent	5.00	
George E. Saunders	15.00	
William W. Saunders	10.00	
Watson Scarborough	2.00	
Arthur Silver	15.00	
W. B. Totten	10.00	210.00
The Class of 1928		
Carl F. Berlinger	5.00	
Frederick M. Burgess	10.00	
Royal S. Davis	5.00	
John T. Evans	5.00	
John O. Fitzsimmons	10.00	
C. Keely Fox	5.00	
William K. Hartzell	20.00	
Theodore B. Hetzel	10.00	
Nelson J. Hogenauer	10.00	
Allen F. Horton	10.00	
J. Quincy Hunsicker, 3rd	10.00	
J. McLain King	10.00	
S. Burkhart Morrison	10.00	
Alexander L. Nichols	10.00	
Jonathan E. Rhoads	25.00	
Ingram H. Richardson	25.00	
Donald W. Richie	10.00	
Louis F. Richter	3.00	
Charles Robinson	25.00	
Robert L. Shank	25.00	
Franklin W. Smith	10.00	
Ellsworth B. Stevens	10.00	
J. Tyson Stokes	50.00	
Charles M. Tatum	10.00	
Allen C. Thomas, Jr.	10.00	
Theo Vanneman	10.00	
Theodore Whittelsey, Jr.	10.00	
Richard Wistar	10.00	363.00
The Class of 1929		
Samuel T. Brinton	10.00	
Roger C. Brown	10.00	
John R. Cooper	10.00	
F. Curtis Dohan	5.00	
James G. Downward	25.00	
Herbert K. Ensworth	10.00	
John G. Hartman	5.00	
Forward	75.00	$22,770.59

Forward		$22,770.59
The Class of 1929 (continued)		
Forward	75.00	
Halsey M. Hicks	5.00	
Kenneth E. Kingham	10.00	
William S. Lane	3.00	
Davis D. Lewis	10.00	
Gerald H. Rorer	10.00	
J. Clifford Scott	5.00	
Daniel D. Test, Jr.	5.00	
Harold L. Wilt	25.00	148.00
The Class of 1930		
Bradford S. Abernethy	10.00	
John L. Blackman, Jr.	10.00	
B. Franklin Blair	10.00	
W. Richardson Blair	5.00	
Arthur H. Brinton	5.00	
T. Ward Bruegel	10.00	
Donald R. Buxton	25.00	
Willem Ezerman	5.00	
William D. Frazier	25.00	
W. Clark Hanna	5.00	
Allen D. Hole	5.00	
John Hymes	10.00	
John P. Jones	10.00	
William M. Masland	10.00	
Irvin W. McConnell	10.00	
Brewster H. Morris	15.00	
J. Howard Morris, Jr.	250.00	
Theodore H. Morris, III	10.00	
Edward Rosewater	10.00	
Harlow B. Rowell	15.00	
William E. Rudge	5.00	
Daniel Smiley, Jr.	30.00	
Frederick W. Swan	2.50	
George Vaux	10.00	
Wilfred H. Wickersham	10.00	
Thomas Wistar, Jr.	6.00	518.50
The Class of 1931		
Richard Baker	5.00	
Henry G. Barnhurst	5.00	
J. W. Burger	3.00	
Thomas E. Burns, Jr.	10.00	
William E. Cadbury, Jr.	3.00	
S. Hall Conn	10.00	
Alfred R. Crawford	10.00	
Robert W. Gabriel	10.00	
Donald L. Gibson	5.00	
John T. Golding	25.00	
John D. Gresimer	2.50	
James M. Houston	25.00	
Jonathan P. Jessop	5.00	
William Maier	25.00	
Adrian S. Mann	10.00	
Lauman Martin	40.00	
Raymond E. Maxwell	5.00	
E. C. Saint	25.00	
Forward	223.50	$23,437.09

Forward		$23,437.09
The Class of 1931 (continued)		
Forward	223.50	
E. Rodman Shippen, Jr.	5.00	
Frank N. Speller, Jr.	10.00	
Walter M. Teller	5.00	
Ignatius M. Weiringer	5.00	
John H. Wills	10.00	258.50
The Class of 1932		
Carl B. Allendoerfer	25.00	
Howland H. Bailey	10.00	
Richard D. Browne	10.00	
Walter C. Baker	15.00	
Walter I. Dothard, Jr.	20.00	
N. Stine Eckert	50.00	
R. F. Engle, Jr.	5.00	
Harry Fields	25.00	
Gifford P. Foley	10.00	
George Gerenbeck, Jr.	10.00	
Francis B. Gummere	5.00	
C. Robert Haines	10.00	
Lewis Kohn	5.00	
William E. Miller	10.00	
Ellis C. Osgood	10.00	
Thomas I. Potts	5.00	
William W. Pusey, III	3.00	
Arthur S. Roberts	5.00	
Fred Rudge	20.00	
Harold J. Schramm	50.00	
Wallace M. Scudder	25.00	
John W. Settle	25.00	
William V. Sipple, Jr.	10.00	
Albert K. Smiley, Jr.	10.00	
Franklin J. Smith	5.00	
Charles S. Strickler	25.00	
Allen M. Terrell	5.00	
Rudolph M. Wertime	5.00	
Robert Woodward	5.00	418.00
The Class of 1933		
Douglas Borgstedt	5.00	
William B. Daub	25.00	
Frederick L. Fuges	10.00	
R. Wilfred Kelsey	10.00	
Bernard V. Lentz	10.00	
John W. Masland	5.00	
Hugh B. Pickard	10.00	
William R. Russell	10.00	
John R. Sargent	15.00	
Henry Scattergood	5.00	
Howard D. Sordon, Jr.	5.00	
W. Hooton Stokes	20.00	
F. A. VanDenbergh, Jr.	25.00	155.00
The Class of 1934		
Robert C. Atmore	5.00	
Charles M. Bancroft	5.00	
Thomas S. Brown	5.00	
Forward	15.00	$24,268.59

Forward		$24,268.59
The Class of 1934 (continued)		
Forward	15.00	
Fritz K. Downey	5.00	
Louis W. Flaccus, Jr.	10.00	
J. Morton Fultz, Jr.	5.00	
Leonard L. Greif, Jr.	25.00	
William H. Haines, 3rd	5.00	
Ellwood M. Hammaker	2.00	
J. O. Hancock	5.00	
Eugene F. Hogenauer	10.00	
R. Bruce Jones	5.00	
James D. Lockard	5.00	
Benjamin S. Loewenstein	10.00	
W. F. Maxfield	10.00	
Robert W. McKee	5.00	
Richard R. Pleasants	10.00	
Asa W. Potts	2.00	
A. Thomas Richie	2.00	
Henry G. Russell	3.00	
Roger Scattergood	5.00	
Frank T. Siebert, Jr.	10.00	
Arthur G. Singer, Jr.	10.00	
William W. Smith	30.00	
H. Miles Snyder	25.00	
Matthew W. Stanley	5.00	
Francis W. Stork	5.00	
Edwin P. Tripp, Jr.	50.00	
John C. Wilson	2.00	
F. H. Wright	10.00	
Willard M. Wright, Jr.	5.00	291.00
The Class of 1935		
William L. Azpell, Jr.	10.00	
William R. Bowden	10.00	
Chapman Brown	5.00	
B. Bartram Cadbury	5.00	
John B. Christopher	5.00	
Meredity B. Colket, Jr.	2.00	
Charles B. Conn, Jr.	5.00	
John C. Duffield	5.00	
John H. Elliott	5.00	
Ernest M. Evans	5.00	
Frederick E. Forester	2.00	
Sidney Hollander, Jr.	5.00	
William N. Huff	5.00	
James B. Kase	25.00	
William G. Kirkland	10.00	
E. Charles Kunkle	10.00	
Edward J. Matlack	15.00	
Harry C. Meserve	5.00	
Samuel Potter, Jr.	5.00	
Kimberley S. Roberts	15.00	
Graham Rohrer	25.00	
Frederic N. Rolf	5.00	
Charles F. G. Smith	10.00	
Philip P. Steptoe, Jr.	15.00	
Francis J. Stokes, Jr.	15.00	
Robert S. Trenbath	10.00	
Alexander C. Wood, 3rd	5.00	239.00
Forward		$24,798.59

Forward		$24,798.59
The Class of 1936		
E. Dale Adkins, Jr.	5.00	
Robert W. Baird, Jr.	50.00	
George B. Bookman	20.00	
Robert Braucher	20.00	
Donald W. Brous	10.00	
Jonathan A. Brown	15.00	
Thomas D. Brown	2.00	
William R. Brown, 3rd	5.00	
William A. Crawford	10.00	
Arthur S. Dulaney, Jr.	15.00	
Francis C. Evans	20.00	
William R. Fry	20.00	
L. Ross Garner	25.00	
Robert S. Gawthrop, Jr.	10.00	
John N. Goodridge	5.00	
Arthur R. Kane, Jr.	20.00	
Samuel Kind	5.00	
William H. Loesche, Jr.	2.00	
Park Hays Miller, Jr.	10.00	
W. Brooke Morgan, Jr.	2.00	
Charles C. Morris, 2nd	4.00	
Ralph C. Most	10.00	
John L. Parker	2.00	
Harry T. Paxton	10.00	
James W. Pearce, Jr.	5.00	
James G. Pierce	10.00	
Joseph D. Purvis, Jr.	25.00	
John Sebastian	25.00	
Joseph H. Taylor	2.00	
William G. Tiernan	10.00	
George B. Thomas, Jr.	5.00	
Henry L. Tomkinson	5.00	
John Van Brunt, Jr.	5.00	
Hubert M. Vining	100.00	
Alexander C. Williams	15.00	504.00
The Class of 1937		
William W. Allen, 3rd	10.00	
Howard A. Andrews	10.00	
Thomas S. Barker, Jr.	10.00	
Kenneth A. Beck	15.00	
William H. Bond	2.00	
Stephen G. Cary	5.00	
Richard M. Clayton	10.00	
William H. Daudt	15.00	
Henry S. Drinker, Jr.	10.00	
Hans B. Engelman	10.00	
Roger L. Grief	25.00	
Henry C. Gulbrandsen	10.00	
Edward L. Hawkins	5.00	
Bernard M. Hollander	5.00	
Charles E. Holzer, Jr.	20.00	
James D. Hoover	10.00	
W. L. Kimber	15.00	
Robert H. Krieble	5.00	
John J. Lawser	5.00	
John A. Lester	3.00	
Forward	200.00	$25,302.59

Forward		$25,302.59
The Class of 1937 (continued)		
Forward	200.00	
M. Albert Linton, Jr.	10.00	
James H. Lockwood	10.00	
John B. Lukens	10.00	
Ralph H. McMahon	10.00	
George Norris, Jr.	10.00	
William R. Reynolds	5.00	
Peter P. Rodman	5.00	
Leslie B. Seely, Jr.	25.00	
Herbert W. Taylor, Jr.	5.00	
Philip M. Whitman	15.00	
S. Vincent Wilking	10.00	
Jay W. Worrall, Jr.	2.00	
Arthur N. Wrigley	2.00	319.00
The Class of 1938		
Harry H. Bell	5.00	
Thomas A. Benham	10.00	
Robert M. Bird, Jr.	5.00	
Richard S. Bowman	5.00	
William H. Clark, Jr.	5.00	
Henry B. Cox	5.00	
Donald S. Childs, Jr.	25.00	
Valery S. deBeausset	2.00	
Aubrey C. Dickson, Jr.	10.00	
William Duff	10.00	
Charles R. Ebersol	10.00	
Samuel R. Evans	10.00	
Roderick Firth	5.00	
William N. Fraleigh	10.00	
James M. George	2.00	
J. E. Goldmark	2.50	
Samuel K. Harper	2.00	
Wendell T. Kershner	10.00	
Louis B. Kohn, 3rd	25.00	
William B. Kriebel	5.00	
Charles H. Ligon	5.00	
Henry C. Longnecker	5.00	
William H. Luden, Jr.	50.00	
George Mathues	1.00	
Malcolm D. McFarland	5.00	
Elliott H. Morse	5.00	
L. Folsom Norsworthy	10.00	
D. S. Pakradooni	10.00	
George E. Poole	10.00	
Frank M. Ramsey, Jr.	10.00	
Clayton E. Ranck	10.00	
Lindley Reagan	5.00	
James L. Rich	5.00	
Leslie B. Schramm	50.00	
Philip R. Shank	15.00	
Trumbull L. Simmons	25.00	
Jonathan M. Steere, Jr.	5.00	
Samuel S. Stratton	5.00	
T. Cooper Tatman	25.00	
Hubert R. Taylor	5.00	
Irving Telling	5.00	
Forward	429.50	$25,621.59

Forward		$25,621.59
The Class of 1938 (continued)		
Forward	429.50	
Robert J. Thompson	20.00	
Louis J. Velte, Jr.	10.00	
William M. Webb	20.00	
Hambleton Welbourne, Jr.	20.00	
Lawrence G. Wesson, Jr.	10.00	
Edmund C. Wingerd, Jr.	5.00	514.50
The Class of 1939		
Robert B. Ackerman	10.00	
Robert L. Balderston	10.00	
George G. Bown	5.00	
James H. Bready	2.00	
Robert Burnside	10.00	
Henry H. Derr	10.00	
William E. Evans	20.00	
John A. Flick	5.00	
Robert Herr	5.00	
Henry H. Jones	15.00	
Richard H. Lillie	10,00	
Alexander W. Moseley	20.00	
O. Naylor Rambo, Jr.	10.00	
Daniel G. Santer	25.00	
Craig M. Sharpe	5.00	
Laird H. Simons, Jr.	100.00	
Robert E. Spaulding	5.00	
Gilbert P. Talbot	5.00	
Robert M. White	10.00	
D. Norton Williams	10.00	292.00
The Class of 1940		
Bruce D. Anderton	5.00	
David B. Coursin	5.00	
Robert L. Dewees	10.00	
Charles W. Fisher	5.00	
Robert H. Goepp	5.00	
Harry J. Goodyear	10.00	
John E. Gross	1.00	
Hanford Henderson	5.00	
John T. Hoffman	5.00	
Robert J. Hunn	10.00	
Joachim Jaenicke	1.00	
S. F. Johnson	5.00	
F. Allen Lewis	2.00	
John M. Lindley, Jr.	5.00	
Elliott Mason	10.00	
Hayden Mason	3.00	
William F. McDevit	10.00	
Charles K. Peters	10.00	
Richard A. Poole	25.00	
David R. Wilson	5.00	
Charles H. Wolfinger	10.00	147.00
The Class of 1941		
E. P. Allinson, Jr.	10.00	
David B. Arnold	10.00	
Robert P. Arthur	10.00	
Forward	30.00	$26,575.09

Forward		$26,575.09
The Class of 1941 (continued)		
Forward	30.00	
Arthur G. Ashbrook, Jr.	5.00	
Howard L. Blum	25.00	
R. H. Bolster	5.00	
Eugene Botelho	10.61	
Daniel B. Boyer, Jr.	10.00	
Albert D. Branson	10.00	
John Buttrick	10.00	
Torrence H. Chambers	10.00	
John B. Clark	5.00	
Henry D. Cornman	5.00	
Hunt Davis	10.00	
John W. Dorsey	6.00	
Edward L. Engelhardt	25.00	
Robert N. Evert	15.00	
Geoffrey Hemphill	3.00	
John B. Hibbard	10.00	
Andrew F. Inglis	50.00	
William A. Liddell, Jr.	5.00	
Thomas Little	5.00	
John R. McNeill	25.00	
William K. Miller	5.00	
Tucker F. Morian	5.00	
Arthur H. Napier, Jr.	5.00	
Wilson H. Pile	2.00	
Robert H. Smith	15.00	
G. Ralph Strohl, Jr.	20.00	
Harry H. Stuart	25.00	
George M. Swan	10.00	
Roy S. Vogt	5.00	
James M. Willis	15.00	
Caleb Winslow	2.50	
Kenneth A. Wright	15.00	404.11
The Class of 1942		
Charles C. Abbott	10.00	
James N. Addoms	10.00	
George L. Aldridge	20.00	
Warren D. Anderson	5.00	
Edgar D. Bell	10.00	
Burns Brodhead	5.00	
Richard W. Brown	15.00	
E. E. Childs	5.00	
Thomas C. Cochran, Jr.	10.00	
Robert W. Dunham	5.00	
Roy A. Dye, Jr.	10.00	
Arthur Evans	5.00	
John D. Farquhar	10.00	
John A. Fust	5.00	
Thomas C. Gibb	10.00	
Louis N. Grier, Jr.	5.00	
J. Jarden Guenther, Jr.	5.00	
Gove Hambidge, Jr.	10.00	
Heber R. Harper	10.00	
Henry W. Johnstone, Jr.	5.00	
William S. Laughlin	1.00	
George C. Lewis, Jr.	5.00	
Forward	176.00	$26,979.20

Forward		$26,979.20
The Class of 1942 (continued)		
Forward	176.00	
William B. Meldrum, Jr.	5.00	
David M. Poole	25.00	
Kenneth S. Roberts	2.00	
Lewis P. Saxer	10.00	
W. H. W. Skerrett, Jr.	5.00	
Robert W. Starr, 3rd	5.00	
Franklin P. Sweetser	50.00	
David C. Thompson	10.00	
John H. Wise	10.00	
W. Scott Worrall	5.00	303.00
The Class of 1943		
Jeremy Addoms	2.00	
John Allen	15.00	
Eugene E. Anderson, Jr.	50.00	
Arthur H. Bell	5.00	
Jared S. Brown	10.00	
Tristram P. Coffin	10.00	
Thomas H. Eckfeldt	10.00	
John J. Enck	50.00	
J. Morris Evans	10.00	
Sumner W. Ferris	25.00	
James B. Gilbert	10.00	
John F. Hill	30.00	
John R. Hogness	5.00	
Holland Hunter	76.00	
Lewis C. Kibbee	5.00	
David B. Kirk	5.00	
H. Mather Lippincott, Jr.	5.00	
Robert MacCrate	10.00	
John C. Marsh	3.00	
Avrel Mason	25.00	
John H. Meader	10.00	
John M. Moon	5.00	
Sterling Newell, Jr.	10.00	
Frank K. Otto	10.00	
Norman Peterkin	10.00	
Stuart L. Ridgway	20.00	
George M. Ryrie	10.00	
Seth T. Shepard	10.00	
William F. Shihadeh	5.00	
David D. Somers	10.00	
John D. Stevens, Jr.	5.00	
J. S. Sutterlin	10.00	
John W. Thacher, Jr.	5.00	
Alexander C. Tomlinson, Jr.	50.00	
Haskell Torrence	5.00	
Albert E. Turner, 3rd	5.00	
William T. Warren, Jr.	10.00	
John C. Whitehead	30.00	
Carl Widney, Jr.	10.00	
John B. Wilkie	5.00	
William N. Wingerd	5.00	601.00
Forward		$27,883.20

Forward		$27,883.20
The Class of 1944		
C. Webster Abbott of J.	10.00	
Charles S. Alden	10.00	
Ellsworth C. Alvord, Jr.	100.00	
Donald H. Baird	25.00	
Louis P. Bolgiano, Jr.	15.00	
A. G. Buyers	10.00	
John W. Clark	10.00	
Horace Compton, Jr.	10.00	
Jodie D. Crabtree, Jr.	5.00	
Robert B. Day	15.00	
Charles E. Fox, Jr.	25.00	
Edgar D. Free	25.00	
Edmund Goerke, Jr.	18.00	
Jesse G. Grier	5.00	
James C. Haden	10.00	
Edmond E. Hammond, Jr.	5.00	
Robert W. Hill	2.00	
Walter Hollander, Jr.	10.00	
George D. Hopkins	10.00	
John T. Hough	5.00	
George W. Hubler	5.00	
Robert M. Jacob	5.00	
J. W. Krom	20.00	
Charles McC. Mathias, Jr.	5.00	
William R. McShane	10.00	
Gilbert H. Moore, Jr.	7.00	
H. Royer Smith, Jr.	50.00	
David E. Stokes	25.00	
Samuel E. Stokes, Jr.	50.00	
Paul R. Stott	10.00	
Henry S. Vila	3.00	
Richard H. Warren	5.00	
Richard W. Watkins	5.00	
Howard Wood	10.00	
James H. Worl	25.00	560.00
The Class of 1945		
Anna M. Atkinson	3.00	
Mary Barclay	25.00	
John Beardsley	25.00	
Edward Block	15.00	
Richard W. Cole	10.00	
F. E. Fairman, 3rd	10.00	
Henry H. Fetterman	5.00	
Elizabeth B. Garrison	2.00	
Arthur Harned	50.00	
E. M. Heimlich	10.00	
David Y. Y. Hsia	5.00	
Massamori Kojima	5.00	
David Mallery	5.00	
Philip C. Mann	5.00	
Edmund Preston	5.00	
Geert C. F. Prins	10.00	
Donald A. Purdy	10.00	
Vernon M. Root	20.00	
Herbert N. Slotnick	100.00	
Stacey Widdicombe	20.00	
Forward	340.00	$28,443.20

Forward		$28,443.20
The Class of 1945 (continued)		
Forward	340.00	
Mary E. Williams	10.00	
James B. Wright	40.00	390.00
The Class of 1946		
Frederick H. Bartlett, Jr.	15.00	
Thomas M. Birdsall	15.00	
William H. Chartener	5.00	
Lewis Coffin	3.00	
Bertram M. Kummel	10.00	
George Montgomery, Jr.	5.00	
James F. Mumma	15.00	
Thomas J. Ryan	25.00	93.00
The Class of 1947		
Charles Long, 2nd	5.00	5.00
Outside Contributions		
Anonymous	1,000.00	
Anonymous	25.00	
Miscellaneous	5.00	
Legh W. Reid	100.00	
Lydia C. Sharpless	200.00	
A. H. Wilson	25.00	1,355.00
Total		$30,286.20

CONTRIBUTORS TO THE "LIBRARY ASSOCIATES"

Mrs. William C. Alexander	$2.00
Captain A. H. Allen	2.00
Mr. and Mrs. Carl B. Allendoerfer	2.00
Mr. and Mrs. E. Page Allinson	5.00
Mr. W. Disston Anderson	2.00
Dr. and Mrs. Kenneth E. Appel	20.00
Mr. and Mrs. Manuel J. Asensio	2.00
Mr. Herbert Otis Bailey	5.00
Mr. Harry Norman Ball	5.00
Mr. and Mrs. Wilfred Bancroft	4.00
Mr. and Mrs. Seth A. Bardwell	5.00
Mr. Robert Barrie	2.00
Mr. and Mrs. Wm. A. Battey	5.00
Miss Florence Beddall	2.00
Dr. and Mrs. Charles J. Bergh	2.00
Mr. and Mrs. Paul Bleyden	2.00
Dr. Francis J. Bonner	2.00
Mr. Donald G. Brien	5.00
Mr. Walter R. Brinkman	5.00
Mrs. S. Jervis Brinton	2.00
Dr. and Mrs. Arthur A. Briskin	2.00
Comdr. & Mrs. H. Tatnall Brown, Jr.	5.00
Miss Caroline H. Burgess	2.00
Mrs. Helen Cadbury Bush	4.00
Mr. and Mrs. Charles Carver	5.00
Mrs. Richard Cary	2.00
Mr. and Mrs. Aldo Caselli	2.00
Miss Edith Chambers	2.00
Mrs. George Hamilton Chambers	2.00
Mr. and Mrs. Charles L. Chandler	2.00
Mr. and Mrs. George K. Chandler	2.00
Rev. and Mrs. Rex S. Clements	5.00
Dr. and Mrs. J. Howard Cloud	2.00
Mrs. Wm. H. Collins	5.00
Mr. and Mrs. Lynne M. Correll	2.00
Mr. Robert Cryan	2.00
Mr. J. P. Cunningham	2.00
Mr. and Mrs. Irwin T. Darlington	2.00
Mr. and Mrs. Charles W. David	4.00
Dr. David M. Davis	5.00
Dr. and Mrs. Lovett Dewees	5.00
Miss Susan J. Dewees	2.00
Dr. and Mrs. T. McK. Downs	25.00
Mr. and Mrs. Thomas E. Drake	2.00
Mr. and Mrs. G. Fred Driemeyer	2.00
Mr. and Mrs. Harold Evans	2.00
Mr. and Mrs. McClure Fahnestock	2.00
Mr. and Mrs. Henry W. Farnum	2.00
Dr. and Mrs. Clifford B. Farr	2.00
Mr. and Mrs. F. W. Elliott Farr	5.00
Dr. and Mrs. John B. Flick	5.00
Mrs. Horace B. Forman	2.00
Miss Kathryn V. Forrest	2.00
Mr. Henry S. Fraser	5.00
Mrs. Sara K. Fuller	2.00
Mr. Wm. G. Gerhard	2.00
Rev. Joseph J. Gildea	2.00
Miss Minnie H. Goldsmith	2.00
Forward	$211.00

Forward	$211.00
Mr. and Mrs. Douglas W. Gould	6.00
Mrs. Joanna Betz Green	5.00
Mr. and Mrs. Louis C. Green	2.00
Mr. Morris M. Green	10.00
Miss Gladys H. Griscom	10.00
Mr. Richard Grosholz	2.00
Miss Gwladys R. Groskin	2.00
Mr. and Mrs. John F. Gummere	2.00
Mr. and Mrs. Richard M. Gummere	2.00
Mrs. Edwin J. Haley	2.00
Mr. and Mrs. J. Morgan Harding	2.00
Mr. and Mrs. Robert Haslett	2.00
Miss Ethel Hastings	2.00
Mr. and Mrs. John V. Hastings, Jr.	5.00
Miss Janet Luise Hays	5.00
Mr. and Mrs. Howard K. Henry	4.00
Mr. and Mrs. John G. Herndon	10.00
Miss Sylvia B. Hetzel	5.00
Mr. John B. Heyl	2.00
Miss Margaretta S. Hinchman	2.00
Mr. and Mrs. David Hinshaw	10.00
Mr. and Mrs. Harrison S. Hires	10.00
Mr. and Mrs. Clarence G. Hoag	10.00
Mr. Allen F. Horton	2.00
Dr. and Mrs. Orville Horwitz	2.00
Mrs. Walter C. Janney	10.00
Mrs. Eloise N. Jenks	2.00
Mr. and Mrs. Ames Johnston	2.00
Mr. J. Dean Joly	2.00
Mr. and Mrs. J. Barclay Jones	5.00
Mrs. Rufus M. Jones	2.00
Mrs. Rayner W. Kelsey	2.00
Mr. and Mrs. M. Albert Linton	10.00
Mr. and Mrs. Richard W. Lloyd	4.00
Mr. and Mrs. John C. Lober	4.00
Mr. and Mrs. Dean P. Lockwood	2.00
Captain Benjamin H. Lowry	2.00
Mr. and Mrs. Benjamin Ludlow	5.00
Mr. and Mrs. Archibald MacIntosh	2.00
Mr. James P. Magill	5.00
Miss Belle Matheson	2.00
Mr. J. Wesley Matthews	2.00
Miss Virginia Armitage McCall	2.00
Mr. and Mrs. Wm. B. Meldrum	2.00
Mr. and Mrs. Walter Merrill	4.00
Rev. S. G. Morton Montgomery	2.00
Mr. Charles Henry Moon	2.00
Dr. Harold H. Morris	2.00
Mr. Elliott H. Morse	2.00
Dr. and Mrs. Stuart Mudd	2.00
Mr. Arthur Howell Napier	2.00
Mr. Rudolf Neuburger	2.00
Mr. and Mrs. Raymond T. Ohl	2.00
Mr. Nicholas Orehoff	2.00
Miss Jessie Allen Page	2.00
Mr. and Mrs. Frederic Palmer, Jr.	2.00
Mr. and Mrs. L. Arnold Post	2.00
Miss Edith W. Powell	2.00
Forward	$424.00

Forward	$424.00
Mrs. G. R. Rebmann	5.00
Mr. and Mrs. Layton B. Register	2.00
Mr. and Mrs. Legh W. Reid	4.00
Mrs. Wm. A. Reitzel	2.00
Mr. and Mrs. Charles J. Rhoads	10.00
Mr. Charles S. Ristine	5.00
Mr. and Mrs. Leon H. Rittenhouse	2.00
Mr. and Mrs. George Rosengarten	10.00
Mr. and Mrs. Winthrop Sargent, Jr.	2.00
Mr. and Mrs. J. Henry Scattergood	5.00
Mr. and Mrs. Lucius R. Shero	2.00
Miss Mary C. Smith	5.00
Mr. and Mrs. Edward D. Snyder	4.00
Mr. and Mrs. Freas B. Snyder	4.00
Dr. and Mrs. Wm. C. Stadie	2.00
Mr. and Mrs. I. Thomas Steere	2.00
Mr. and Mrs. Jonathan M. Steere	10.00
Mr. and Mrs. Edmund H. Stinnes	2.00
Mr. and Mrs. J. Tyson Stokes	10.00
Mr. and Mrs. Kenneth E. Stuart	2.00
Mr. and Mrs. Francis R. Taylor	5.00
Mrs. Arthur H. Thomas	2.00
Mrs. George Vaux, Jr.	5.00
Mr. and Mrs. W. Nelson L. West	5.00
Mr. and Mrs. Wm. T. West	2.00
Mr. H. Justice Williams	2.00
Mr. and Mrs. Albert H. Wilson	20.00
Mr. and Mrs. D. Wright Wilson	2.00
Mr. and Mrs. Thomas Wistar	10.00
Mr. and Mrs. L. Hollingsworth Wood	5.00
Mr. and Mrs. Richard R. Wood	2.00
Dr. Rachel B. Woodford	2.00
Mr. and Mrs. Edward Woolman	2.00
Total	$578.00

REPORT OF

HAVERFORD COLLEGE LOAN FUND

Established 1926

Report No. 20 — August 31, 1946

Current Year 1945-46

Cash Balance on hand, August 31, 1945		$ 10,427.64
17 Loans repaid during year		2,881.50
50 part payments on loans during year		1,993.68
Interest received during year		375.61
From Merion Title and Trust Co., fifth and final 5.81% payment		48.87
		15,727.30
10 Loans made during year	$ 1,768.52	
Repayment to The Corporation of Haverford College	5,000.00	6,768.52
Cash Balance on hand August 31, 1946		8,958.78
Loans outstanding August 31, 1946 (Exhibit 8)		9,203.00
Interest outstanding August 31, 1946 (Exhibit 8)		560.58
Total Resources August 31, 1946		$ 18,722.36

Total to August 31, 1946

Appropriations from Jacob P. Jones Endowment Fund		20,812.04
1st Donation from Class of 1911		641.30
2nd Donation from Class of 1911		137.90
3rd Donation from Class of 1911		28.85
Donation from Class of 1929		350.27
Donation from A. R. Katz		500.00
Donation from Class of 1927		900.00
Donation from Class of 1908		1,507.96
Gift from C. C. Norris		50.00
Gift from John Charles		300.00
Gift, Anonymous		500.00
Gift, Anonymous		2,000.00
Gift, Haverford Society of Maryland		100.00
Gift, Dr. H. S. Arthur		300.00
Adjustment on August 31, 1944		2.82
325 loans repaid		47,899.93
471 payments on loans		19,024.20
Interest paid up		13,289.48
Payments from Merion Title & Trust Co. - 2/28/33	$ 42.06	
1/4/38	84.12	
12/31/40	42.06	
7/22/43	42.06	
5/18/46	48.87	259.17
From Montgomery Merryman, '33 - Interest on account, previously charged off		50.00
From R. Hill, '45 - Overpayment		.02
Total Receipts		108,653.94
Repayments to The Corporation of Haverford College	$20,000.00	
Repayments of Donations	1,708.05	
Original Funds in Merion Title & Trust Co.	841.18	
Check Tax	1.66	
Loans Made	77,144.27	99,695.16
Cash Balance August 31, 1946		8,958.78
Outstanding interest to August 31, 1946		560.58
Outstanding loans to August 31, 1946		9,203.00
Total Resources August 31, 1945		$18,722.36

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of $50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, $5,000; 1869, bequest of Ann Haines to increase the compensation of professors, $2,670; 1870, bequest of Richard D. Wood, $18,682.96; 1872, from William Evans, $1,000; 1874, from executors of Jesse George, deceased, $5,000; 1880, bequest of Dr. Joseph W. Taylor, $5,000; 1901, legacy of Ann Williams, $2,425.50; 1941, from children of Aubrey C. Dickson in his memory, $300. Present book value, $93,753.86. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of $25,000 as a memorial to him. Added to in 1899 by legacy of $10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, $34,481.17. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of $10,000 from John M. Whitall, Sr. Present book value, $10,252.18. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of $40,000 from David Scull, Sr. Present book value, $43,173.04. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of $9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, $10,950.03. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of $5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, $4,956.69. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of $9,667.83 from Israel Franklin Whitall. Present book value, $10,388.86. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of $279,021.60; book value, $332,301.60, and sundry real estate. The real estate has all been sold, netting $847,709.92. Present book value, $1,253,930.25. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about $7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

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

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of $43,000, shortly afterwards increased by further gifts of $15,000. The founder made further gifts of cash and securities until 1915, the total being $19,381 cash and $48,500 par of securities with book value of $41,490. His total gifts therefore had a book value of $234,970.81. Of this, $5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, $265,841.10. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to $200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of $10,000 from Ellen Waln. Present book value, $10,711.80. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of $25,000 from Clementine Cope. Present book value, $20,710.06. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for $5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid in the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized $5,039. Present book value, $5,208.91.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of $50,000 from Joseph E. Gillingham. Present book value, $40,849.10. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, $800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of $5,000 from Henry Norris. Present book value, $5,671.42. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to $10,000, was held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum of Philadelphia. The income was first paid to a life tenant until 1914, when income first accrued to the College "for the payment of the salaries of teachers and professors by the said College employed." Under date of Ninth Month 18, 1944, upon petition of the Trustee, concurred in by the College, the Court of Common Pleas awarded the principal to the Corporation of Haverford College "to be administered by it for the purposes set forth in the deed of trust in accordance with the non-profit corporation law." Present book value, $9,160.24.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of $10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of $29,182.84, $1,694.84, $499.31, $499.68, $488.85, $207.33, $400, $250, $100, $449.89, and $175.00. under his legacy. Present book value, $43,184.70. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of $1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, $1,445.31. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of $10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of $28,926.95 from a friend of the College. Present book value, $38,074.84. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to $16,887.66, of which $15,078.51 was added to the principal of the fund. Present book value, $168,196.24. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of $25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, $25,795.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of $30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, $23,492.69. The income only is to be used toward the payment of professors' salaries.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of $25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of $100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise $375,000 for this purpose and for increase of professors' salaries; the first $100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least $125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, $120,991.54.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for $375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to $125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, $210,754.11.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated $125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling $375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the $125,000 in full payment was completed in 1926–1927. Total book value, $121,480.36.

HAVERFORD IMPROVEMENT FUND AND CONSOLIDATED CAMPUS HOUSES ACCOUNT

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to $155,942.15 was liquidated. The fund started with an undivided interest of $19,000. There was added in 1922, $9,000; and in 1925, $2,000. In 1926, $5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, $25,000, was also used in 1927 for the same purpose. The income was used for general college purposes.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

As of Ninth Month 1, 1944, all of these eight College Lane houses, together with seven houses which had been bought for the College and formed a part of the College debt, and nine other Campus houses which were owned free of debt, were consolidated at a combined valuation of $281,331.70 into a new Campus Houses Account held by Consolidated Investment Account. A return at 4% interest is to be credited to income to the College and the balance of net income is to be applied in a building fund for the annual reduction of the investment, and/or to a depreciation reserve fund to cover extraordinary repairs. The book value has thus been reduced to $273,331.70.

CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversay of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935–1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936–1937, $9,000 additional donations were made by members of the Strawbridge family, and of these $3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and $5,627,37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of $16,017.04 were made in 1936–1937, $7,700 in 1937–1938, $2,150 in 1938–1939, and $15 in 1939–1940 bringing the totals contributed to both funds to date, for the Observatory $47,000, and for other uses $145,947.55.

From the $16,017.04, together with $1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions $12,022.57 was met, $5,544.47 was applied to the debt for accrued deficits, $7,700 was applied to the operating year 1937-1938, and $2,150 to that of 1938-1939, $15.00 to that of 1939-1940, and $11.34 for 1940-1941, and $50 for 1943-1944.

There remained one investment in this fund not yet realized upon with a book value of $231.06. At end of 1943-44 this was absorbed into Consolidated Investment Account, and the debt reduced further by $231.06.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of $120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise $1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, $98,346.29.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of $5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926–1927. It was then increased $6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, $13,610.80.

CORPORATION FUND

Founded in 1928 by setting aside $70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased $8,810, being proceeds of the sale of 1.762 acreas of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, $77,093.02. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

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

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling $5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, $4,844.02.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of $50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, $48,165.07.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of $20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of $20,000 and residuary $84,416.28 in 1935-36, together with further realization on residuary assets, viz. $3,338.69 in 1936-37, $73.33 in 1938, $166.80 in 1942-43, and $258.00 in 1943-44, make a total of $108,253.10. There are some participations in real estate not yet liquidated, which will increase or decrease this fund. The income is used for general purposes, with a usual allotment of $300 for Quaker books. Present book value, $103,435.16.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of $5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, $4,817.71.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of $4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, $4,769.54.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was $285,000. Proceeds of mortgages of $7,460.94 in 1938, and final cash from executor in 1939 of $1,603.37 brought the gross total to $294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling $13,300, thus making the final net bequest $280,764.31. Accumulated income of $12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, $270,528.30.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of $1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, $963.54.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of $2,500 from Edward M. Wistar. '72. for endowment, the income only to be used for general purposes. Present book value, $2,408.86.

TRIANGLE SOCIETY ENDOWMENT FUND

In 1934, the Triangle Society set up a plan of taking out insurance policies on the lives of some of its younger members. To date ten such policies have been issued, nine for $500 each and one for $1,000, with the College as beneficiary.

The actual fund was opened in 1945-46 with $500, proceeds on the life of H. Conrad Atkinson, '40, who was lost in the Pacific in 1942 while serving in the Air Corps. Present book value, $500.

MORRIS E. LEEDS FUND

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

J. HENRY SCATTERGOOD FUND

Founded Tenth Month, 1941, by donations totaling $1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of $340 was made in 1943-44.

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College. Present book value, $1,979.41.

FUND FOR GRADUATE SCHOOL

MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of $372,821.91 and book value of $318,823.56. Present book value, $346,113.51. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

FUNDS FOR INFIRMARY

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling $9,072.55, raised among alumni and friends of the College. Present book value, $9,301.50. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of $5,000 from Dr. John W. Pinkham, '60, being

transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, $4,875.05. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift of $1,000 par value of bond at book value of $800 and $678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, $1,810.33.

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value $3,000, from Thomas P. Cope. Present book value, $5,066.13. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling" This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of $5,000 from Edward Yarnall. Present book value, $5,847.96. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, $19,094.90. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of $5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, $4,871.92. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of $5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by $3,062.95. Present book value, $6,757.92. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of $5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by $2,589.49. Present book value, $7,631.02. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of $25,000 from Clementine Cope. Present book value $22,012.96. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

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

book value, $8,292.36. The gift was to establish "The Isaac Thorne Johnson" Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of $5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, $2,843.61.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling $3,000, with $1,000 added in 1926, and $1,000 in 1928 and $1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, $4,967.88.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of $5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars ($5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, $4,817.71.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of $5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, $4,861.65.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of $750. $2,000 each year 1936 to 1940, and in 1942; $2,500 in 1941; $1,000 in 1943; $1,000 in 1944; and $2,000 in 1945; by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarships and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, $18,813.65.

SAMUEL E. HILLES ENDOWMENT
CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of $5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, $4,834.39.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of $3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value $2,890.62.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85; by gifts of $20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be $900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value, $22,082.29.

THE CLASS OF 1917 SCHOLARSHIP FUND

Founded Seventh Month 13, 1942 by initial gift of $2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of $250.00 was made at the same time to cover the first two years of a scholarship of $125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of $150.00 per annum. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of $2,000.00, so that the annual scholarship stipend shall be $150.00, or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 was already provided for by the additional $250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years was added at once to the principal sum of $2,000.00, thus serving the purpose of (2) above. Further contributions of $500 were made in 1944-1945 and $425 in 1945-1946. Present book value, $3,939.85.

DANIEL B. SMITH FUND

Founded Tenth Month 6, 1943 by gift of $2,500 from Anna Wharton Wood, of Waltham, Mass. This will be increased by a bequest of $2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, $5,000.00.

SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Founded Eleventh Month 1, 1943 by bequest of $75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of $250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value $75,534.58.

ELIHU GRANT MEMORIAL SCHOLARSHIP FUND

Established Second Month 2, 1944 by gift of $200 from Mrs. Elihu Grant to supplement the simultaneous transfer of $803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and $75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of $1,000 in 1943-44 and $2,000 in 1944-1945. And, Grant Foundation, Inc., gave $10,000, also in 1944-45. Mrs. Grant made a further gift of $1,000 in 1945-46.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College."

If conditions change, the Managers are given power to change the use of the fund. Present book value, $15,078.73.

CHRISTIAN FEBIGER SCHOLARSHIP FUND
(This fund is new this year)

Founded Sixth Month 13, 1946 by a gift of $8,000.00 from Madeleine Seabury Febiger, of Philadelphia, in memory of her husband, Christian Febiger, Class of 1900.

The income only is to be used in paying the tuition or other college expenses of worthy, needy students at Haverford College.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about $5,000) of a fund of $10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, $16,799.42. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of $20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, $10,000 for a lecture fund, and in 1913, $20,000. In 1916, after T. Wistar Brown's death, there was added to this fund $34,499.78 par value of securities, book value, $30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, $65,367.68. The purpose of this fund (except $10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of $10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of $5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, $4,817.71. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of $20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, $19,566.40. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of $13,000 par value of securities with book value of $7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, $166,842.34. The real estate was sold in 1923 and netted the College $164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of $635.47, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, $612.30.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of $1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, $965.80.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling $5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

(1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
(2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
(3) The fund established now will be added to later by gift or bequest.
(4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
(5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
(6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. Additional donations were made as follows: $500 in 1939-40; $100 in 1943-44; $500 in 1944-45 and $200 in 1945-46. Present book value $6,341.02.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversity. The gift was $1,753.52 of which $500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of $1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, $1,207.83.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to $40,000. Present book value, $39,733.67. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of $10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of $25,000 from William P. Henszey. Present book value, $35,418.53. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, $65,630.50. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of $4,173.04. Present book value, $3,152.93. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, $107,955.98. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of $5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, $5,056.68. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of $1,000 from Elliston P. Morris, '48. Present book value, $1,085.68. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of $40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of $2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value $2,189.40.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of $12,000 par value of bonds, book value $11,800, from an anonymous donor. Present book value, $8,890.67. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of $2,000 par value of bonds, book value, $1,200, from John L. Scull, '05. Present book value, $2,213.14. The income only to be used to establish two prizes of $50 and $45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of $1,000 from Elizabeth P. Smith. Present book value, $1,680.48. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of $2,500 par value of bonds, book value, $2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present book value, $2,454.02. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

FRANCIS STOKES FUND

Founded in 1919 by gift of $5,000 in securities, book value, $5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, $4,933.63. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of $600, and increased in 1920 by further gift of $400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value $2,421.30. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, $2,000, book value, $1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of $100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, $2,076.43.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, $500, and book value, $1,348.25. Present book value, $1,346.79. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHELTIC FUND

Foundèd in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, $2,312.51. The income is to be used without restriction in any branch of athletics

ARBORETUM FUND

Founded in 1928 by setting aside $5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, $4,420.49.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of $2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present book value, $1,927.09.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of $69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of $1,000 from Paul D. I. Maier, '96, of Byrn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of $10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, $963.54.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of $5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of $1,787.83. Present book value $3,699.55.

JACOB AND EUGENIE BUCKY MEMORIAL FOUNDATION

Founded Sixth Month 4, 1942 by gift of $2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of $2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God[1]; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.[2]

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In God We Trust' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity."

In 1945-1946 a further gift of $1,000 from the Trustees was added to the fund. Unused income, if any, has also been capitalized. Present book value, $3,334.45.

MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling $900.00 of members of the Mathematics faculty and others. A further gift of $125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, $25.00, are awarded annually, in competition, by examination. Present book value, $1,118.82.

WILLIAM T. ELKINTON FUND

Founded Ninth Month 6, 1944, by bequest from William T. Elkinton, of Philadelphia, arising from a Trust set up by him during his lifetime. The principal was $2,491.50 and income received, $11.11, a total of $2,502.61. After the death of a life beneficiary, the Trust provided: "to pay over, assign and transfer one of said equal parts unto the Corporation of Haverford College (a corporation of the State of Pennsylvania); the principal fund thus passing to said Corporation to constitute a part of such endowment as may be established at Haverford College as a fitting memorial of Friends' relief work abroad, which memorial 'should foster the peaceful relations of the United States with foreign countries by acquainting our youth with the principles of European governments and with international problems'; provided however, that if no such Endowment should be established at Haverford College prior to the expiration of one year after the principal of the Fund hereby conveyed becomes distributable under the provisions of this deed, the said one-third part of the fund hereby conveyed shall be devoted by the Corporation of Haverford College for such other purpose as the Trustees acting hereunder, their survivor or successor, shall designate, preferably for the furtherance of education in some form at Haverford College or for providing assistance in the form of scholarships to promote education."

In accordance with a suggestion from President Morley, concurred in by Thomas W. Elkinton representing the Trustees, the Managers voted on Ninth Month 22, 1944, that "the income until otherwise directed, is to be used for traveling and other expenses in the attendance at intercollegiate conferences for discussion of international problems by representatives of the International Relations Club at Haverford." The Trustee further stated "as long as the activities of the Club are closely related to 'acquainting our youth with the principles of European governments and with international problems,' the use of the income by the Club would be satisfactory."

TILNEY MEMORIAL FUND

Founded in First Month, 1945, by gifts totalling $2,000 by I. Sheldon Tilney, 1903, in memory of his parents, John S. and Georgiana E. Tilney. The income is to be used "to try to influence the student body towards a more religious viewpoint of life." Permission was also granted by the donor that "the income may be used also in connection with a scholarship for students in the field of Philosophy or Biblical Literature."

In 1945-1946 the fund was increased to $5,000, by gifts of $1,000 from Georgiana S. Kirkbride and $2,000 from Robert W. Tilney, sister and brother of I. Sheldon Tilne. Present book value, $5,000.

CLASS OF 1902 LATIN PRIZE FUND

Founded Second Month 2, 1945, by gift from Class of 1902 of $142.90, being proceeds of sale of security formerly purchased and held by the Class to perpetuate a Latin Prize of $10 annually at Haverford. The Class had donated the income for this prize since 1913. An unused balance of $39.00 of such donations was transferred to the income account of this fund.

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

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

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

LEGACIES

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

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum of

.....*Dollars.*

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)