PATRIOTIC SPIRIT PERVADES COMMENCEMENT EXERCISES OF UNIVERSITY OF PENNSYLVANIA

Continued from Page One

real worth in my environment, but that I was interdependent, and there quickly followed a realization of the meaning of the word loyalty.

"Interdependent" Proper Word

"There are those who dislike this word. They hold that it is impossible to be loyal to any one or to anything. They claim to be independent and not interdependent. It is a part of that doctrine of individualism—a strange philosophy which no true college life will sustain. In this very hour every one must recognize the supreme necessity of loyalty. Our forefathers were master workmen. They erected in this country a great and mighty fabric; and now we have succeeded to their patriot toils. Will we be loyal as they were loyal? If so, then must we be alert, prepared and industrious.

"The glory of this country and of every country is its liberty, its progress and advancement in science, in the arts and in religion. But like the worm at the root of Jonah's gourd, idleness, indifference, disloyalty are a strong poison, eating out the vitals of all. They exhaust wealth, famish learning of every sort, destroy religion and sell liberty and human rights for a morsel of bread.

"Be not offended if I ask that, for a moment, you look back to the 'rock from whence you were hewn, and the pit from whence you were digged.' Note the steps by which your forefathers became prominent and distinguished, and you shall find scarce one who ever attained eminence but by steady application, industry and loyalty to lofty ideals.

Quotes Carlyle

"You will agree with me that in college days, if at all attentive, earnest and loyal to the best within us, we learn to think. The dictum of the world is that thinking men are scarce—and it is heralded far and wide that the good workers and the thinkers are the silent men, which prompts me to call your attention to the words of Thomas Carlyle, who said:

"'The great silent men! Looking around on the noisy inanity of the world, words of little meaning, actions of little worth, one loves to reflect on the great empire of silence. The noble silent men scattered here and there, each in his own department, silently thinking, silently working, whom no morning newspaper makes mention of! They are the salt of the earth! A country that has none of these is in a bad way—like a forest which has no roots, which has all turned to leaves and boughs, which must soon wither and be no forest. Woe for us if we have nothing but what we can show or speak! Silence, the great empire of silence! Higher than the stars, deeper than the Kingdom of Death.'

"As you step forth into the busy world, at every glance Elysian scenes and fairy prospects will rise before you; seemingly so variegated with pleasure that the choice will perplex you! But remember that pleasure derived from pursuing phantom after phantom, expedient after expedient, will be found at last 'a bed shorter than a man can stretch himself upon and a covering narrower than he can wrap himself in.' Pleasure of this kind is sure to seduce you from the path of virtue, drawing you on through meads of unreal bliss to the fool's paradise—a deceitful region—where snakes lurk under the glass

"'And, mid the roses, fierce repentance rears
Her horrid crest.'

True Pleasure to Think

"But true pleasure is to think, to consider what you are, whence you came, whither you are going, what is given you to do and whether you are prepared to act your part worthily. It is to come forth on the human stage, in the sight of mortal and immortal powers, full of energy and action; rejoicing to fill any sphere assigned you with a quiet dignity and ceaseless diligence.

"You, like many of your companions, have heard our country's call; you have seen corruptors or the corrupted stealing in upon the unguarded hour of liberty, undermining the fundamental civil and religious principles of the world; and because you are sworn foes to every species of bondage, whether of body, mind or soul, you have become all eye and ear and heart and voice and hand in the glorious cause of freedom, humanity and righteousness.

"Rest assured that in such deeds your best efforts—even the sacrifice of every personal advantage and privilege—will leave no sting behind, but be a source of eternal exultation.

"Surely, if there be anything in this world worthy of fighting for, it must be to advocate the cause of truth and righteousness, the preservation of the rights of mankind and a government of laws fully consented to by the governed.

"I am confident that with such aims dangers will not daunt you. Whither the voice of public righteousness and public liberty calls, thither will you follow, whether to life or to death. With a manly and intrepid spirit, with a burning and enlightened zeal, you will persevere to the end, even though all about you be blind to your sacrifice and courage, knowing it often happens that

"'The suns of glory please not till they set.'

HONORS AND PRIZES AWARDED BY PENN

Special honors and awards of fellowships and scholarships were among the features of the exercises of the 162d commencement of the University of Pennsylvania held this morning in the Metropolitan Opera House.

A list of the honors and other awards follows:

HONORS

COLLEGE

ARTS AND SCIENCE

Senior

Clifford A. Baldwin, Harry L. Rosen, John E. Fauser, Jr., Adrian S. Samuels, B. P. Kaufmann (biology), Charles L. Seasholes, Louis F. McCabe, Gordon S. C. Smyth, Henry J. Meder, Joseph M. Thomas, Morris S. Viteles

COLLEGE COURSES FOR TEACHERS

Miriam Chew

Sophomore

Carlos Berguido, Walter N. Myers, William H. Black, Hymen Silverman

TOWNE SCIENTIFIC SCHOOL

Senior

Raymond T. Bohn, Charles B. Irmer, Jr., Deane T. Finney, Albert M. Pyke

Nathaniel Leonard Shaffer

Sophomore

Rollin M. Clark, Anthony J. Schob

WHARTON SCHOOL

Senior

Herbert Heilbronner

Sophomore

Frederick H. Drexler, Edgar B. Landis, David McCahan

SCHOOL OF EDUCATION

Sophomore

Helen M. Angelucci, Rachel C. Laughlin, Helen C. Bailey, Marie J. Rench, Augusta Cohen, Kathleen Smythe, Felice E. Darkow, Mary F. Snyder

PRIZES

COLLEGE

I—FRESHMAN ENTRANCE PRIZES

First. The Eugene Delano Prize of $50 for the best special examination in the French and German required for entrance to college—To Otto E. Albrecht.

Second. A prize of $50, endowed by the class of 1880, for the best special examination in mathematics by a candidate for admission to the course in arts and science—To Paul V. Forster.

II—PRIZES FOUNDED BY ORGANIZATIONS

First. The Henry Reed Prize, founded by the Society of the Alumni (college) for the best English essay by a member of the senior class, college, entitles the successful competitor to one year's interest on $600—To Louis F. McCabe.

Second. A prize for the best Latin essay by a member of the graduating class, college, founded by the Society of the Alumni, entitles the recipient to one year's interest on $1000, the award to be made by a committee of the society—To Louis F. McCabe.

Third. The Philadelphia Group of the Alliance Francaise, established in 1904, awards annually a medal to the student of either the junior or senior classes who has done the most meritorious work in French over and above the required courses—To Henry J. Meder.

Fourth. Junior Oration Prizes—Prizes founded by the Society of the Alumni of the College for the best and second best original declamation by a member of the junior class; the first prize of $25 and the second prize of $15—First prize to Quirino E. Austria, college; second prize to Charles C. Parlin, Wharton.

Fifth. A prize founded by the Phi Kappa Sigma Fraternity in honor of their founder, Samuel Brown Wylie Mitchell, M. D., of the class of 1852, for the most meritorious work done in the course in English composition of the second year. It entitles the successful competitor to one year's interest on $400—To William Herbert Black, college; honorable mention to Austin Faulks MacDonald, Wharton; Clement H. Darby, Wharton; Sara Maude Feree, education.

III—PRIZES FOUNDED BY INDIVIDUALS

First. The George Allen memorial prize, founded by Joseph G. Rosengarten. A prize of $20 offered to the member of the junior class taking the Greek course and passing the best examination on the Oration of Demosthenes on the Crown—To William Rex Crawford.

Second. Greek composition prize—A prize of $10, established by a member of the class of 1880, for the best examination by a member of the freshman class in the college, on Greek prose composition with the accents—To Robert Samuel Rogers; honorable mention to Francis James Eutterworth, Jr.

MEDICAL SCHOOL

The alumni medal and prize of $50, offered by the Society of the Alumni of the School of Medicine of the University, to the member of the graduating class who attains the highest general average in examinations. (Only those members of the graduating class who have taken the last three years of the course in medicine at this University are eligible)—To Carl F. Schmidt.

The Dr. Spencer Morris prize—The annual income derived from the investment of $10,000, awarded to that medical student of the graduating class who shall pass the best examination for the degree of doctor of medicine—To Joseph Parsons Replogle.

The Dr. Spencer Morris prize (Medico-Chirurgical)—For the highest general average in the senior medical class—Awarded to Orrin Oscar Davis.

The Frederick A. Packard prize of $100, offered by a friend of the University to the member of the graduating class who has proven himself to be the most proficient in the course in clinical medicine—To Carl Frederic Schmidt.

The professor of obstetrics prize to the member of the graduating class who furnishes the best report of a case in the University Maternity Hospital—To John Livingood Dies, with honorable mention of D. E. Smith.

A prize, offered by the professor of obstetrics to the member of the fourth-year class presenting the best notes on the conferences and clinics of the fourth year in obstetrics—To Edwardo Gonzalez; with honorable mention of W. C. Hausheer.

Dr. A. O. J. Kelly Prize Fund, founded March 26, 1912, by contributions from friends of Dr. A. O. J. Kelly, deceased. The Kelly Prize is given to a member of the fourth year medical class who has made an especially meritorious report of some clinical observation in his regular University work—To Arthur Bomberger Light.

Charles A. Oliver Memorial Prize, founded June 16, 1913, by Dr. Charles A. Oliver. This prize, in the form of a gold medal, is given to "those students in the graduating class, in the department of medicine who shall annually receive the highest average and pass the best examination in ophthalmology."—To Carl Frederic Schmidt.

LAW SCHOOL

The Peter McCall Prize is awarded to Charles H. Stevens, with honorable mention to Henry H. Houck for the highest grades during the three years of his attendance at the law school.

The P. Pemberton Morris Prize is awarded to Charles H. Stevens, with honorable mention to Henry H. Houck for the highest grades in the examination in evidence, pleading and practice.

The following received honors for his third-year work—Henry Hummel Houck.

TOWNE SCIENTIFIC SCHOOL

The Priestley Club, composed of the alumni of the chemical department, offers a prize of $20 each year to the member of the graduating class whose work for that year is most satisfactory—To Robert Stanley Green.

Hugo Otto Wolf Memorial Prizes — In chemical engineering, to Louis William Mahle; in civil engineering, to Deane Thomas Finney; in electrical engineering, to Samuel McKinley Gray; in mechanical engineering, to Edward Paul Bartman.

The D. Van Nostrand Prize—To Raymond Edward Hess.

The Assayers and Miners' Gangue Prize—To Harold Drum Beisel.

Faculty Medal in Architecture—To Arthur Charles Runzler.

American Institute of Architects' Medal—To Julius Caesar Meyer.

The Societe des Architectes Diplomes Medal — First rank, not awarded; second rank, Max Arthur Bernhardt.

Arthur Spayd Brooke Memorial Prizes—Gold medal not awarded; silver medal, to Charles Frederick Pyke; bronze medal, to Julius Caesar Meyer.

Harbeson Prize Medals in Historic Ornament—First, to William Henry Livingston; second, to Gerald Alvin Anderson.

John Stewardson Memorial Scholarship in Architecture—Winner, William Henry Livingston; first alternate, John Frederick Harbeson; second alternate, Alvin Chester Bieber.

Architectural Alumni Sketch Problem Prizes—First prize ($30), to Max Arthur Bernhardt; second prize ($20), to Fred Joseph Kuchler.

The Frazier Prize—George H. Frazier, of the class of 1887, prize (founded 1897) of a standard work in literature to be chosen by him, and of a value of $100, to the student in the college, Towne Scientific or Wharton Schools of the University of Pennsylvania who, being a member of the football, baseball or track team, or of the crew, shall attain the highest standing in scholarship—To Firman Newton Warwick, Towne Scientific School.

Prize for the highest record of the year in the competitions open to all American schools and ateliers by the Beaux Arts Institute of Design.

Explained as follows from the circular of the institute for 1917-18: The American Group of the Societe des Architects Diplomes par le Gouvernement Francais Prize and Medal—A prize of $50 and a medal offered by the American Group of the Societe des Architects Diplomes par le Gouvernement Francais to the students of class A receiving the greatest numbers of values during the scholastic year. Winner, Frederick Joseph Kuchler.

GRADUATE SCHOOL

Fellowships Awarded for 1918-19

On the George Leib Harrison Foundation

FELLOWSHIPS FOR RESEARCH

Semitics

Henry Frederick Lutz, graduate of a German gymnasium, 1904; D.B., Ph. D., Chicago Lutheran Theological Seminary, 1910; Yale, 1916.

History

Philip May Hamer, A.B., A.M., Ph.D., Wofford College, 1912; Trinity College, N. C., 1915; University of Pennsylvania, 1918.

Zoology

Charles Leroy Parmenter, A.B., A.M., University of Southern California, 1910, 1912.

FELLOWSHIPS

Sanskrit

Ernest Paxton Janvier, A. B., A. M., Princeton, 1911, 1916.

Greek

Henry Vogel Shelley, A. B., A. M., Columbia, 1913; Pennsylvania, 1917.

Latin

Edwin Oswalk Koch, A. B., A. M., College of Wooster, 1904; University of Missouri, 1911.

English

Stephen Faunce Sears, A. B., A. M., Harvard University, 1896; Columbia University, 1898.

Matthew Wilson Black, A. B., A. M., Pennsylvania State College, 1911; University of Pennsylvania, 1916.

German

Allan Loraine Carter, A. B., A. M., Clark University, 1911; Northwestern University, 1913.

Carl Albert Heimecke, A. B., A. M., University of Michigan, 1912, 1913.

History

Asa Kyrus Christian, A. B., A. M., University of Texas, 1912, 1917.

Leicester Bodine Holland, B. S., B. S. in Arch., A. M., University of Pennsylvania, 1902, 1904, 1917.

Political Science

Knute Emil Carlson, A. B., A. M., University of Nebraska, 1915, 1917.

Economics

Joseph Lee MacDonald, A. B., Indiana University, 1915.

Astronomy

Charles Angevin Hutchinson, A. B., A. M., Wittenberg College, 1916, 1918.

Chemistry

Norman Jordan Brumbaugh, A. B., A. M., Juniata College, 1906; Harvard University, 1915.

SCHOLARSHIPS

Greek

Charles Lyon Seasholes, A. B., Pennsylvania, 1918.

English

Paul F. Gemmill, A. B., Swarthmore College, 1917.

German

Morris Freed, A. B., Pennsylvania, 1917.

Harry Spencer Blackiston, A. B., Pennsylvania, 1917.

Mathematics

Louis F. McCabe, A. B., University of Pennsylvania, 1918.

Chemistry

Paul Thomas Manchester, A. B., Park College, 1914.

ON THE HECTOR TYNDALE FOUNDATION

Fellowship in Physics

John ... 1916.

PENN GIFT PORTRAIT

Painting by Elsa Koenig Nitzsche of Edward Muybridge, inventor of the modern motion picture, presented to the University of Pennsylvania today

ON THE MRS. BLOOMFIELD MOORE FOUNDATION

FELLOWSHIPS

Psychology

Frances Quinter Holsopple, A. B., Juniata College, 1912.

Botany

Alice Mary Russell, B. S., University of Pennsylvania, 1915.

ON THE JOS. M. BENNETT FOUNDATION FELLOWSHIPS

Latin

Francis Marion Dana, A. B., Macalester College, 1916.

History

Marguerite Gold Bartlett, A. B., A. M., Bryn Mawr College, 1913, 1915.

ON THE FRANCES SERGEANT PEPPER FOUNDATION

FELLOWSHIP

Zoology

Mary Elizabeth Collett, A. B., A. M., Wellesley College, 1910; University of Pennsylvania, 1911.

ON THE FRANCES E. BENNETT MEMORIAL FOUNDATION

Scholarship in English

Margaret Ellinger, A. B., Goucher College, 1916.

UNIVERSITY SCHOLARSHIPS

Thirty University scholarships have also been awarded.

SCHOOL OF EDUCATION

Medal of the Alliance Francaise—Awarded to Margaret G. Ashbrook, junior class; with honorable mention of Maria T. Stevenson, sophomore class.

VETERINARY SCHOOL

The J. B. Lippincott Prize of $100 awarded to the member of the graduating class who in the three years spent in the veterinary school of the University attains the highest general average in examination—To Andrew Jackson Whitaker.

A prize offered by a friend of the school to a member of the second-year class who passes the best examinations in veterinary anatomy—Awarded to B. Courtney McLean.

PENN GIVES DEGREES TO MEN IN SERVICE

The following degrees in course were conferred today by the University of Pennsylvania at the commencement held in the Metropolitan Opera House.

The asterisk (*) indicates a man in the service of the country:

DEGREES IN COURSE

Bachelor of Arts (in Arts and Science)

H. Bernard Abbott, 2d; *B. Vaughan Abbott; Francis M. Aigner; Carl Edwin Bachman; John F. Baier, Jr.; *Horace M. Barba; *Axel P. Barner; Nelson L. Bateman; *Morton J. Baum; *Joseph Thomas Beardwood, Jr.; *Charles E. Bell; *Frank C. Bender; Pincus Berdecheff; Guy F. Blake; *Earl Lane Brewer; Wendell J. Caley; *Joseph L. Cartledge; William M. Drysdale; John E. Fauser, Jr.; Ablett H. Flury; *Clarence G. Grimsley; Charles T. Hassard; William T. Hellings; John H. Hill; *Anthony William Holfeiner; Chaim Ball (Bell) Kamenezky; Clyde Chester Kerr; *Walter Swartz Lapp; *Louis Loffredo; Louis F. McCabe; Henry Jacob Meder; Philip O. Milton; William G. Nyce; *Ferdinand William Nyemetz; Harry L. Rosen; *Paul L. Schaeffer; Adrian S. Samuels; Charles L. Seasholes; Matthias A. Shaaber; Charles H. Smith, Jr.; *G. S. C. Smyth; Joseph M. Thomas; Milford M. Tinsley; *J. Herbert Tinsman; Morris S. Viteles; *Albert Vorberg, Jr.

Bachelor of Arts (in College Courses for Teachers)

Joseph Bardy; Elizabeth A. Blyth; Mary C. Buchanan; Miriam Chew; Lois Fletcher; Alice K. Liveright; Elizabeth A. Scheel; Esther A. Regina Sandstrom; Sara H. Sterling; Anna L. Stephens; Florence P. Taylor

Bachelor of Science (in Arts and Science)

Clifford A. Baldwin; Luis Laguette y Terrazas; Earl F. Nickerson; Howard W. Schaffer; *Isadore S. Wachs

Bachelor of Science (in the College Courses for Teachers)

Elizabeth N. Anderson; David G. Beattie; Abraham Lincoln Gillespie, Jr.; Helen F. Rauscher; Henry S. Roessler; Annabell Smyth

Bachelor of Science (in Biology)

Mary Jardine; *Roland Holroyd; Berwind Petersen; Kaufmann; *Charles Allen Styer Keeley

Bachelor of Music

Isadore Freed; Harold W. Gilbert; Benj. G. Harrison; ...; Paul P. McNeely; Edith C. Rogers; Sister Agnes B. Bennett, S. S. J.; Sister M. Rose Clare Healey, S. S. J.; Sister Mary Lucretia Gilroy; Sister Mary Roberta Condon; Sister M. Teresa Vincent Harney, S. S. J.

Doctor of Medicine

*William G. Allen; Santiago E. Barraza; *Roy B. Bast; Jaime Benavides y ...; *Arthur H. Bitter; B. B. G. Blackstone; *Howard S. Brauin; *C. A. Brokaw; *Clyde W. Brunson; *Alexander M. Carr; *Ralph McD. Christie; Archibald M. Cook; *Wm. P. Creekmur; *Orrin O. Davis; Francis de Caga; Ernest J. Dewees; *James G. Dickson; *John L. Dies; *Frank E. Downs; John Elman; *Francis D. Ellis, Jr.; *Frank A. Ellis; *Richard T. Ellison; *Carl E. Ervin; *Martin J. Farrell; Miguel Angel Flores (Trejos); *Ulric S. Ford; *Louis F. Foster; *Alfred L. Gaither; *Dean Gilkey; *Louis Ginsburg; Gladys Girardeau; *John E. Gonce, Jr.; Edwardo Gonzales (Flores); *William H. Harrell; *Fredk. L. Hartmann; *Walter C. Hausheer; *Wm. A. Heinrich; *Earl F. Henderson; *John C. Hirst, 2d; *Frederic W. Hoehn; *Merle R. Hoon; Clarence D. Hummel; *Harper G. Imler; *Bart M. James; David E. Smith; *Edward K. Smith; *Hugh P. Smith; *James H. Smith; *C. M. Smyth, Jr.; *V. W. Spickard; *Wm. H. Sprunt, Jr.; *W. J. Stark; M. K. Steele; F. F. Sterner; *Steele F. Stewart; V. R. Karmarkar; *Simon Katz; *Henry L. Klein; *De Witt Klutz; *Daniel L. Knowles; *William P. Kroger; *Arthur B. Light; *Henry H. Lyon; *A. R. McFarland; *Philip D. McMaster; Abdul S. Mahmoud; *Maurice L. Mallas; *Vann M. Matthews; *Chauncey D. Miller; *Hugh McC. Miller; *Julian A. Moore; *William E. Murphy; *Wm. K. Neely, Jr.; *Horace C. Newbury; *James W. Nixon; *George W. Oast; J. E. Openshaw; *Theodore E. Orr; *Anthony Parisi; Alberta Peltz; *E. P. Pendergrass; *Warren J. Peters; *Rowland S. Philips; *James S. Plant; *Solomon G. Pontius; *James E. Purdy; *Isidor S. Ravdin; *Malcolm Raymond; *Josiah F. Reed; *Oliver K. Reed; *Abraham L. Reich; *Joseph P. Replogle; *Daniel C. Reyner; *Earl R. Rice; George E. Rice; *Sedic S. Rime; *Ralph B. Ritzman; *Carl F. Schmidt; *Samuel F. Scott; *Alexander Shafer; *Paul C. Shoemaker; *Claiborne T. Smith; *Samuel E. Stokes; *Louis N. Taine; *Carl L. Thoenebe; *C. S. Trimm; *Ubert C. Vincent; *L. S. Voorhees; J. E. Wadsworth; Irving F. Wallace; *Thomas J. Wenner; *Herman C. White; *Jas. S. Wilson, Jr.; *J. K. W. Wood

Certified Sanitarian

Martha Blanchard Price

Bachelor of Laws

Harry Balis; H. N. Bergman; D. L. Custer; ...; W. LeRoy McKinley; James A. Mahoney; John Adara Rieser; *W. M. Rosenfield; ...

Master of Laws

Lewis Edward Levinthal

Bachelor of Science in Architecture

M. E. Donaldson; Nelson Eisenhardt; Albert V. Fisher; Henry Hermanns; W. L. Hindenach; *Rowe D. Kennedy; F. D. Kuchler; Julius Caesar Meyer; *Russell S. Potter; *Albert M. Pyke; Chas. F. Pyke; Samuel Robbins; Morris J. Rosenthal; Arthur C. Runzler; John H. Samuels; Alfred A. Sheffer; *Toby Vece; *Simon Wasserman

Master of Science in Architecture

Max A. Bernhardt; *Rowe D. Kennedy

Bachelor of Science in Chemistry

*Harold D. Beisel; Raymond T. Bohn; *Samuel Cohen; *Robert S. Green; Wm. J. Shaneman

Bachelor of Science in Chemical Engineering

*Henry A. Adams; Abraham C. Blatt; *Herman Brown; W. S. English, Jr.; *Edw. P. Fenimore; *Francis W. Glaze; Louis W. Mahle; *Edw. R. Schoch; Clarence Lo Sen

Bachelor of Science in Civil Engineering

*David A. Bennis; George Herman Buck; *Will L. Butler; Alex. M. Dickey; *Deane T. Finney; Sol Paul Herman; Abraham H. Hirsch; *Reuben Kohen; *Rudolph Landberg; Paul Levine; Abraham Marguilis; Joseph A. Michels; *Joseph J. Milgram; *Oscar Rosenzweig; Nathaniel L. Shaffer; *Judson F. Vogdes, Jr.; *Harry C. Wood; Nai-Zung Zee

Bachelor of Science in Electrical Engineering

Myer M. Burstein; Frank P. Doheny; John Philip Fisher; *Alexander A. Gettlin; *Howard L. Godfrey; Samuel M. Gray; Geo. G. Grissinger; Horace Whittle

Bachelor of Science in Mechanical Engineering

Edward P. Bartman; *Fernley T. Brooks; Edward C. Cutler, Jr.; *Paul Luther Dietz; Samuel G. Dixon, 2d; Solomon Goldman; *Charles B. Irmer, Jr.; *Edwin W. Linscott; David Paul Meyer; Henry Scheidl; *Leslie S. Tarleton; *Sydney G. Tilden; *Robert A. Walton

Chemical Engineer

*Louis S. Potsdamer

Mechanical Engineer

Ward H. Snook

Doctor of Dental Surgery

*Stuart G. Abel; David A. Alberstadt; Earl Harry Albert; Garrett Albrecht; Luis Carlos Aleman; *Earl Judson Allen; Harold E. Anderson; Juan B. Arias; Harvey M. Aungst; *Harold C. Bailey; *Bella B. Barash; Alex. R. Barisch; *Joseph C. Bauer; J. Augusto Bauerle; Leonard R. Becker; Walter E. Bender; Abbott Berger; *Walter J. Bernhardt; *John W. Berryman; C. Bethencourt; *Leon Waters Bivins; *Ralph W. Boone; Wm. R. Borneman; Clyde S. Bouton; *Ernest Henry Braem; *Samuel Bragman; *Edward Bralove; *Eulogius J. Brennan; Harry N. Brenner; Finn J. Bronner; *James E. Brown; *Roy Henry Brown; *Russel C. Brown; *Vincent T. Bugay; *Louis A. Candela; *Sam. M. Carter, Jr.; Abraham de Castro; *L. Duke Christmas; Harold O. Clapier; *Robert Clayton; Herbert E. Cohen; *John T. Cologne; *Harold Dayton Colt; *Wm. Reeves Conklin; Geo. W. Connell, Jr.; *Charles S. Conover; *Morris L. Cooper; *E. E. H. Covert; Alberto J. Cuadra; *Walter H. Danforth; *George C. Davis; *William H. Dean; *Seymour C. Deber; *Marshall G. Derk; Rafale Dishon; *Joseph W. Dillon; *Lazarus A. Dugal; *Ralph G. Eveland; Gregorio Valdoni; *Henry W. Farrell; Henry A. Firestone; F. J. Fitzpatrick; *Chester D. Forkel; Herbert P. Frank; *John W. Gabler; *Carl C. Gage; David J. Gasey; *Julian I. Gifford; *Julius I. Gifford; *Homes B. Gilbuly; *C. A. Gilmartin; Marco Giovagnoli; James R. Gosnell; Harry K. Gurney; John J. Haas; *Warren L. Hafely; William R. Haller; Wilbur T. Harkrader; *A. W. Harrington; ... Hatfield; ... W. Haycock, Jr.; *Ollington C. Hayes; Robert M. Heilbrun; *Robert A. Henkes; Elam M. Hitchner; C. H. Hodgkins, Jr.; Leslie L. Hoke; Francis G. Hollar; *F. P. Holtsterhoff; *R. H. Honsberger; *Frank K. Horner; *A. E. Howes; ...; *Rudolph Hyman; *Meredith M. Jack; *Reginald R. Jacobs; *Earl W. Jaynes; *T. R. Jenkins; *Wesley F. Jerauld; *Jos. Paul Jeter; *Ethan A. Johnson; Lewis S. Johnson; *Harold S. Jones; *Irving Joseph; Morris H. Jossem; *Harry Lee Keel; Edward R. Keffer; *Howard R. Kidd; Donald Jean Klotz; ...; *Samuel Konwiser; *Frederick H. Kroll; *Clyde DeW. Kulch; Thomas R. Lahey; Martin J. Larkin, Jr.; *Russell W. Leh; *Walter L. Lehman; *Albert Levy; *Benjamin A. Lincoln; John H. Linehan; Louis H. Loebel; *Jacob H. Ludwig; *J. F. E. McCaffrey; *E. V. McCawley; *Robert D. MacLean; David L. Mackey; *James V. Maloney; Sidney D. Marcovita; Victor A. Martin; J. Murray Maxwell; *Joseph P. Meehan; *Walter Meier; *Albert R. Meinlcoff; John Menzies; Joseph H. Meyer; *Reuben E. Miller; Ernest J. Millhouse; Walter P. Minnerly; *John V. Mochel; *J. W. Mooney, Jr.; *Harvey M. Moore; Mary M. Moore; *Lewis J. Morgan; Francis W. Moynihan; Roy A. Mule; *Robert J. Murray; *Kenneth S. Noyes; *James O'Brien; *Howeth Pabst; *Aloysius A. Parker; *Henry S. Partridge; *Henry H. Pennock; *Leon L. Phillips; Frederick W. Plugge; Leo G. Pollock; Justo P. Geoch; *Harry DeV. Reese; Theodore M. Reid; Roe E. Reilly; Walter B. Reinhard; *Noel A. Robbins; Harry L. Romine; Alexis Rosen; George J. Roth; *Myron M. Rutstein; James P. Ruyl, Jr.; Aubrey P. Sager; *Harry M. Sarzamen; *Otto Scheerer; George P. Schlafer; Ella E. W. Schmelz; *James H. Scholz; *Martin T. Shapiro; *William Rudisill Showers; Ernest J. Simonetti; William S. Simons; James A. Sloan, Jr.; *Wilton C. Smith; Walter S. Smith, Jr.; *Alexander Sosnowski; Ralph L. Spaulding; Louis Stabinsky; *Harold A. Stamm; Carl F. Steinhauer; *David L. Stemer; *Constantine Stephanis; *Arthur C. Strenkert; Preston J. Sturdevant; Martin McK. Sutter; Michael Swiecik; Harold N. Taylor; Demetre Toutchoff; *Frederick William Thayer; *Arthur R. Thomas; Mabel F. Thomas; *Albert Mark Thompson; *Arthur H. Tomlinson; *Henry Louis Tomsuden, Jr.; *Leland F. Trine; Leonard W. Trott; Francis P. Van Valin; Jose V. Aguayo; *David K. Wagoner; Leon Waisman; *Francis K. Walsh; *Ralph E. Ward; *Charles S. Watts; *Richard J. Waugh; Gertrude P. Weaver; Thomas R. Reed Webster; *Paul Sandt West; Kenneth Earl Mathias Weyand; *John Lester White; *Abram R. Whitesell; *George Irwin Wian; Joseph C. Wilson; *Gilbert M. Withank; Harry B. Wright; Miles D. Zimmerman

Bachelor of Science in Economics

*Henry E. Abbott; Harry Lewis Abt; Jacob H. Bibo, Jr.; *George M. Branch; Stewart Running; Howard H. Burt; *Edward Young; William C. Coyne; Frank W. DeWaters; *Harvey D. Dickson Chanin, Jr.; Irwin M. Charlap; Sheldon F. Douglas; *Arthur T. Eissing; Edwin H. Kratsch; *Gilbert Lang; *Gideon R. Light; *Albert K. Livingston; Clifton M. Long; *Norton J. Lustig; Kenneth S. MacBride; Walter J. McComb; Ralph J. Magnus; John D. Mattern; *Walter Sibley Mott; *Homer E. Purdy; *Robert P. Purse; *Arthur Jay Reinthal; *Herbert Emmerich; Edgar F. Eyre; *Augustus F. Faix; John L. Fleming; Roger B. Fowler; Benjamin Goldman; Donald F. Goodman; Walter R. Gossling; Isaac Z. Hackman; Luther A. Harr; *David Nathaniel Hauseman; *Herbert Heilbronner; *Robert A. Hill; Rodney L. Jack; *James R. Keiser; *Richard S. Kendall; Lawrence D. Kohler; Francis A. Rhoads; Louis Robinson; Hiram Rosenbloom; Julien Mann Saks; Harry A. Schwartz; H. H. Silverstone; *Clare M. Stecher; *Edwin D. Stevens; *Joseph M. Strauch; Newton T. Todd; *Russel H. Unruh; J. G. Van Ginkel; *R. C. Vonnegut; Horace J. Warner; Charles A. Weil; *Elwood R. Young; Marcel R. Zutter

Doctor of Philosophy

Donald C. Baldwin, A.B., Haverford College, 1906. Political Science. Public Utility Securities in New York State.

Harry Beckerman, B.S., University of Pennsylvania, 1915. Chemistry. I. Tungsten Hexabromide. II. Tungsten Complexes.

Ralph Paul Bieber, A.B., A.M., Muhlenberg College, 1914; University of Pennsylvania, 1915. History. The Lords of Trade and Plantations in Their Relation With the American Colonies, 1675-1696.

James Herbert Siward Bossard, A.B., A.M., Muhlenberg College, 1909; University of Pennsylvania, 1910. Sociology. The Churches of Allentown.

Raymond Tayler Bye, A.B., A.M., Swarthmore College, 1911; Harvard University, 1915. Sociology. Capital Punishment in the United States.

Esther Parker Ellinger, A.B., A.M., Goucher College, 1915; University of Pennsylvania, 1917. English. The Southern War Poetry of the Civil War.

Miriam Alice Franc, A.B., A.M., Goucher College, 1915; University of Pennsylvania, 1916. English. Ibsen in England.

George Hervey Hallett, Jr., A.B., A.M., Haverford College, 1915; University of Pennsylvania, 1916. Mathematics. Linear Order in Three Dimensional Euclidean and Double Elliptic Spaces.

Philip May Hamer, A.B., A.M., Wofford College, 1912; Trinity College (N. C.), 1912. History. The Secession Movement in South Carolina, 1847-1852.

Percy Roy Hayward, A.B., University of New Brunswick, 1908. Sociology. Compensation for Injuries to Canadian Workmen.

William Wiley Hollingsworth, A.B., A.M., Mercer University, 1910; Princeton University, 1914. Political Science. Woodrow Wilson's Political Ideals.

Clara A. Holtzhausser, A.B., A.M., University of Pennsylvania, 1914-1915. Latin. An Epigraphic Commentary on Suetonius's Life of Tiberius.

Gladys Genevra Ide, A.B., A.M., University of Washington, 1915-1916. Psychology. The Witmer Formboard and Cylinders as Tests for Children From Two to Six Years of Age.

Walter Lefferts, B.S., Temple University, 1905. Economics. Tidewater, Md.

*Donald Mitchell Marvin, A.B., A.M., Hollins College, 1915; University of Pennsylvania, 1916. Sociology. The Effect of Occupational Propinquity on the Marriage Rate.

Charles Leroy Parmenter, A.B., A.M., University of Southern California, 1910, 1912. Zoology. The Somatic Chromosomes of Ambystoma Tigrinum.

Chester Squire Phinney, A.B., University of Maine, 1911. Germanics. Francis Lieber's Influence on American Thought and Some of His Unpublished Letters.

Mary Agnes Quimby, B.A., A.M., Bryn Mawr College, 1902; Cornell University, 1916. Germanics. The Nature Background in the Dramas of Gerhart Hauptmann.

Harry Melvin Shoemaker, Ph.B., A.M., Dickinson College, 1902, 1903. Mathematics. A Generalized Equation of the Vibrating Membrane.

Ralph Augustus Waldron, B.S., Massachusetts Agricultural College, 1906. Botany. The Peanut (Arachis Hypogea), Its History, Histology, Physiology and Utility.

Charles Weiss, B.S., M.S., College of the City of New York, 1915; New York University, 1916. Medical Sciences. The Properties of Pneumotoxin and Its Probable Role in the Pathology of Lobar Pneumonia.

Hugo Christian Martin Wendel, A.B., Princeton University, 1910. History. The Evolution of Industrial Freedom in Prussia, 1845-1849.

Arthur De Witt Whedon, A.B., M.S., State University of Iowa, 1907, 1912. Zoology. The Comparative Morphology and Possible Adaptations of the Abdomen in the Odonata (Dragonflies).

Royden Keith Yerkes, A.B., A.M., University of Pennsylvania, 1903, 1911. Semitics. The Lucianic Version of the Old Testament as Illustrated by Jeremiah 1-3.

Master of Arts

Jane Allen, B.A., Bryn Mawr College, 1904. English.

Charles Rex Angell, A.B., Richmond College, 1913. Sociology.

Harold Roscoe Balentine, B.S., University of Pennsylvania, 1900. Geology.

Charles Franklin Fauder, B.S., University of Pennsylvania, 1907. Education.

*Melvin Hangey Beidler, B.S., University of Pennsylvania, 1916. History.

*William Ludwig Bencker, B.S., University of Pennsylvania, 1917. Botany.

Helen Levering Benson, A.B., Goucher College, 1917. English.

Harry Spencer Blackiston, A.B., University of Pennsylvania, 1917. Germanics.

Roby Presley Blevins, A.B., Wake Forest College, 1912. Sociology.

Julia Merum Bligh, A.B., Cornell University, 1902.

Howard Mahlon Buchman, A.B., Swarthmore College, 1914. Education.

WINS SCHOLARSHIP MEDAL

Miss Rhoda Dubin, 3203 Diamond street, has been awarded the first medal offered by the Alliance Francaise to women students of the University of Pennsylvania. She also has been awarded a graduate scholarship in Romanics. Miss Dubin has taken a prominent part in the production of French plays given by the French societies

Strother Anderson Campbell, Ph.B., Denison University, 1915. Sociology.

Hai Ching Chu, A.B., University of Pennsylvania, 1917. Transportation.

Louise Crownover, B.A., Juniata College, 1912. English.

Thomas Jackson Curry, B.A., Morehouse College, 1916. History.

Christian William Dannenhauer, A.B., Colgate University, 1915. Sociology.

Hugh Frederick Denworth, B.A., Swarthmore College, 1916. Geography and Industry.

Theodore Fieldbrave, B.A., Colby College, 1916. Anthropology.

John Edwin Fox, C.S., University of Michigan, 1911. Physics.

Frank Truscott Gillingham, B.S., Colby College, 1914. Anthropology.

William R. Gilmour, A.B., Princeton University, 1913. Medical Sciences.

Sarah Grace Gobble, A.B., Albright College, 1910. English.

Mary Brooks Goodloe, B.A., Bryn Mawr College, 1915. History.

*William Duncan Gordon, B.S., University of Pennsylvania, 1916. Economics.

Mildred Goshow, B.S., University of Pennsylvania, 1913. Education.

Jacob Paul Heritage, B. S., University of Pennsylvania, 1910. Geography and Industry.

Arthur Holmes, A.B., Ph.D., Hiram College, 1899; University of Pennsylvania, 1908. Philosophy. As of 1902.

Joseph Reason Hoy, Ph.B., Denison University, 1915. Sociology.

Chi Hsin Hu, B.S., University of Pennsylvania, 1901. Economics.

Helen Jackson, A.B., Wellesley College, 1915. English.

Edith Mae Johnson, A.B., Goucher College, 1913. History.

Isaac Smithson Hartley Jones, A.B., University of Pennsylvania, 1917. History.

John Owen Jones, A.B., Lebanon Valley College, 1915. Sociology.

Joyce Helen Jones, A.B., Goucher College, 1917. English.

Mary Ethel Gadd, B.A., Bryn Mawr College, 1916. English.

William John Lowry, B.S., Temple University, 1911. Sociology.

Bradner MacPherson, A.B., University of Pennsylvania, 1911. English.

Anna Stephenson Macfayden, B.S., Temple University, 1916. Sociology.

Takaa Matsumoto, A.B., B.D., Ohio Wesleyan University, 1914; Drew Theological Seminary, 1917. Semitics.

Pearl Boring Mitchell, A.B., Bryn Mawr College, 1912. History.

*James Monaghan, Jr., A.B., Swarthmore College, 1913. History.

Edwin Yerkes Montanye, B.S., University of Pennsylvania, 1915. Sociology.

Amos Benjamin Moyer, A.B., Lebanon Valley College, 1909. Education.

Mary Craig Peacock, B.S., University of Pennsylvania, 1912. Sociology.

Leigh Wells Prentice, A.B., Temple University, 1912. History.

Ellis Carl Primm, A.B., Richmond College, 1913. Sociology.

Harold Chase Putnam, A.B., University of Pennsylvania, 1917. Latin.

John Beatty Ritter, A.B., Pennsylvania State College, 1910. Education.

Jessie Abigail Rodman, B.S., University of Pennsylvania, 1912. Physics.

Beatrice Helen Ryers, B.S., University of Pennsylvania, 1915. English.

Clyde Spurgeon Sawyer, A.B., Wake Forest College, 1915. Sociology.

Luella S. Sexsmith, Ph.B., Syracuse University, 1903. History.

Cora May Shaffer, A.B., Cornell University, 1917. History.

Helen Olga Shollenberger, A.B., Cornell University, 1911. Sociology.

*Earl Rae Sikes, B.A., Trinity College, 1915. Political Science.

Dowell Sondberg, B.S., University of Pennsylvania, 1916. Education.

R. Foster Stevens, A.B., Bates College, 190.. Education.

Chester Arthur Stiteler, B.S., University of Pennsylvania, 1915. Botany.

James Monroe Thorington, B.S., Princeton University, 1915. Medical Sciences.

Ruth Wanger, A.B., Vassar College, 1912. Sociology.

Emil Carl Werner, B.S., University of Pennsylvania, 1915. Economics.

Irma Clarissa Wiesand, A.B., Mount Holyoke College, 1901. Germanics.

Re Edwards Williamson, A.B., University of Pennsylvania, 1916. Romanics.

Daniel E. F. Yapo, A.B., Swarthmore College, 1917. Economics.

William Allison Yeager, A.B., Ursinus College, 1914. History.

Mary Hoover Young, B.S., Ohio University, 1916. Psychology.

Charles Zimmerman, B.S., University of Pennsylvania, 1917. English.

Doctor of Veterinary Medicine

Sherman Ames; Russell A. Atchley; A. H. Bernstein; C. M. Chrysopoulos; Joshua Cohen; Russell J. Fortney; George A. Frank; Gabriel G. Gil; C. A. Greenig, J.; Edward C. Graf; David A. Hayne; John P. Homiller; J. D. Isherwood, Jr.; Frederick H. Kelly; Kimball M. Kennedy; Charles H. Kitselman; William B. Kohn; Louis Levinson; Walter P. Lynch; Chas. H. McLaughlin; William J. Martin; Francisco M. Guillot; Frank Nisler, Jr.; Lisle A. Pratt; A. T. Prescott, Jr.; Norman J. Pyle; G. E. L. Rothenberger; Jos. B. Rohkiewics; Roy C. Scott; John P. Shook; Jacob K. Spare; Howard P. Swift; John M. Tretschler; A. J. Whitaker

Bachelor of Science in Education

*Wilmot J. Adams; Edith May Alden; Carlotta A. Anderson; Lillian E. Armstrong; *Joseph C. Baily; Lillian D. Blume; Ellen S. Bonstein; Marie L. Borneresser; Mary Hill Boyd; Anna Louise Butts; Marjorie McL. Davis; Sadie B. Dubin; Ulmareus B. Earhart; Clara Evans; Helen Hadley; Minnie B. Harrison; S. L. S. Hartman; Mae E. Harveson; Gertrude E. Harwood; Gertrude E. Hollinger; Avis Hunter; Margaret B. James; Alice M. Jones; Winifred L. Jones; Aileen M. Kirkpatrick; Minnie M. La Rose; Edith P. Levinson; Sarah M. Levy; Alma Lichten; Alice C. Lowengrund; Ethel M. McAllister; *P. J. McDermott; Anna Hope Mathis; Lillian Moore; Sadie T. Mossell; Marion Myers; Sara Perlman; Alene Ralston; Annie A. Rudolph; P. R. Sengenz; Helen Rebecca Squier; Edna M. Stanton; Mary F. Stewart; H. D. Tieljens; Eleanor Tourison; Laura Ruth Wilde; Jean M. Williams

CERTIFICATES OF PROFICIENCY

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In Parasitology and Pathology of Tropical Medicine

Mary Latimer James.

In Pathology of Tropical Medicine

Seneca Egbert.

In Architecture

*John R. Dailey, Jr.; Geo. Lester Derrick; Emmett Cecil Jennings (deceased).

Evening School

Guy A. Armstrong; Guy David Bailey; Wm. Sherman Athey; William V. Baker

Wharton School

Senior Honors

Herbert Heilbronner

Sophomore Honors

Fred'k H. Drexler; Edgar B. Landis; David McCahan.

SCHOOL OF EDUCATION

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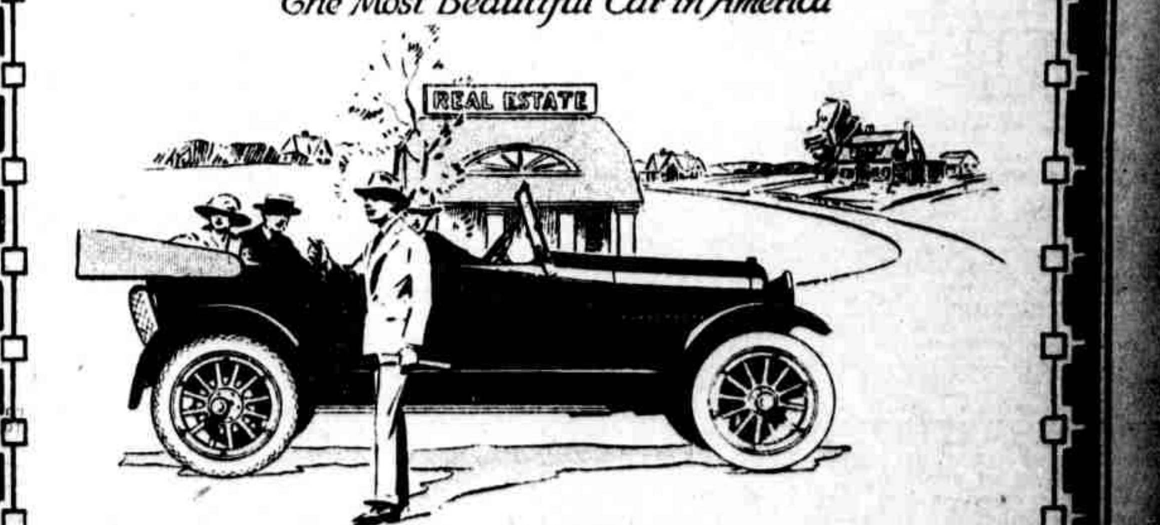

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