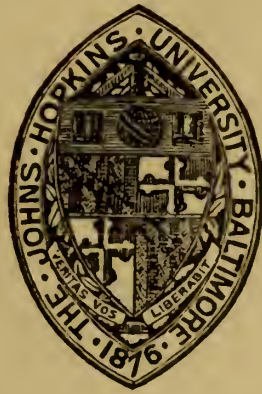


THE JOHNS HOPKINS UNIVERSITY
BALTIMORE

CONFERRING OF DEGREES

AT THE CLOSE OF THE FORTY-NINTH ACADEMIC YEAR

JUNE 9, 1925



IN THE LYRIC THEATRE

AT 4 P. M.

MARSHALS

Professor W. J. A. BLISS

Chief Marshal

Aids

Professor D. M. ROBINSON

Professor T. R. BROWN

Professor F. D. MURNAGHAN

Professor R. B. ROULSTON

Professor J. C. SMALLWOOD

Professor W. W. FORD

Dr. R. T. ABERCROMBIE

Professor W. O. WEYFORTH

USHERS

MORGAN M. BUCHNER, *Chief Usher*

Aids

LUDLOW BALDWIN

FRED BAUERNSCHMIDT

CARROLL BERNDT

JOHN BOSWELL

EDWARD BUFFINGTON

MILES CARY

JOHN CURLETT

BAYARD FONDA

MALCOLM GILPIN

GEORGE HEBNER

ROBERT HOPKINS

HOLGER JENSEN

THORNLEY MARTIN

THOMAS MACNEAL

GEORGE MILLER

ARTHUR NELSON

JOHN OBERSEIDER

EDWARD PASSANO

JESSE SLINGLUFF, JR.

GEORGE SNOOPS

GORDON STICK

JOHN WEBSTER

DONALD WHITE

VERNON WINCHESTER

ORDER OF EXERCISES

I

ACADEMIC PROCESSION

March from the Music to "Sigurd Jorsalfar"—*Grieg*

II

INVOCATION

THE REVEREND WM. A. MCCLENTHEN, D.D.
of Mount Calvary Protestant Episcopal Church

III

MUSIC

Ave Maria—*Bach-Gounod*
with Violin Solo by Miss Sarah Finkelstein

IV

CONFERRING OF DEGREES

Bachelors of Arts, presented by Professor FRENCH
Bachelors of Engineering, presented by Dean WHITEHEAD
Bachelors of Science in Chemistry, presented by Dean WHITEHEAD
Bachelors of Science in Economics, presented by Professor HOLLANDER
Bachelors of Science, presented by Professor BUCHNER
Proficients in Public Health, presented by Professor WELCH
Masters of Electrical Engineering, Dean WHITEHEAD
Masters of Arts, presented by Professor MILLER
Doctors of Philosophy, presented by Professor MILLER
Doctors of Public Health, presented by Professor WELCH
Doctors of Science in Hygiene, presented by Professor WELCH
Bachelors of Science in Hygiene, presented by Professor WELCH
Doctors of Medicine, presented by Dean WEED

V

PRESENTATION OF COMMISSIONS IN THE OFFICER'S RESERVE CORPS

VI

MUSIC

Prelude to "Lohengrin"—*Wagner*

VII

Presentation of Portraits of

PROFESSOR JOHN MARTIN VINCENT
PROFESSOR KENT ROBERTS GREENFIELD, OF YALE UNIVERSITY
PROFESSOR HERBERT EVELETH GREENE
PROFESSOR JOHN CALVIN FRENCH
THE LATE PROFESSOR JOSEPH ELLIOTT GILPIN
WILLIAM KELSO MORRILL, OF THE CLASS OF 1925

VIII

ANNOUNCEMENTS

ACTING PRESIDENT OF THE UNIVERSITY

IX

MUSIC

America—Arrangement by Gustav Strube

X

BENEDICTION

CANDIDATES FOR DEGREES

BACHELORS OF ARTS

ANDREW JOHN EDWARD AKELITYS, of Maryland
JACOB ALPERIN, of Tennessee
ALBERT SAUER ASENDORF, of Maryland
ROBERT JOHNSON ASHTON, of Maryland
PAUL MILTON BABCOCK, of Maryland
JACOB AARON BAER, of Maryland
JOHN TULL BAKER, of Maryland
FINIS TYLER BATES, of Maryland
WILLIAM JEROME BLONE, of Maryland
GEORGE BREWER, of Maryland
WILLIAM PHARES CALHOUN, of Maryland
HENRY HADDEN CALLARD, of Maryland
FORDYCE EARL CLARK CAMPBELL, of Maryland
HENRY LEE CHAMBERS, of Maryland
JACOB HARRY COHEN, of Maryland
MOSES COHEN, of Maryland
PAUL COHEN, of Maryland
SYDNEY M. CONE, JR., of Maryland
GEORGE ATVILL CONNER, of Maryland
GORDON RUSSELL CONNING, of New Jersey
RAYMOND WARD COOKE, JR., of Maryland
EARL EVERETT DONALDSON, of Maryland
ABRAHAM LINCOLN DRYDEN, JR., of Maryland
HUGH YOUNG ENGLISH, of Maryland
WILLIAM RUSSELL FARGO, of Maryland
PARKER WHITBREAD FRAMES, of Maryland
JOSEPH HUGH FRAZER, of Maryland
JOHN HENRY FRINGER, JR., of Maryland
WILSON CARVILLE GARDNER, of Maryland
GUSTAV DONALD GIESKE, of Maryland
JOSEPH RAWLINS GINTHER, of Pennsylvania
MAURICE GLICK, of Maryland
MORTON ALLEN GOLDSTEIN, of Maryland
ALLAN LYLE GRAFFLIN, of Maryland
ROBERT CYRUS GRIFFITH, of Maryland
WILLIAM BOTELER GROSS, of Maryland
ALAN MARTIN GUMP, of Tennessee
MILTON HARRISON, of Maryland
EDWARD PENDLETON HERRING, of Maryland
GEORGE BERNARD HESS, of Maryland
JOSEPH R. HIRSCHMAN, of Maryland
JEAN HOFMEISTER, of Maryland
HOWELL STANHOPE HOSKINS, of Maryland
PHILIP WILLIAMS HOWARD, of Maryland
JAMES WILSON HUNTER, of Maryland
ROBERT SAMUEL JACOBS, of Virginia

LOUIS LEVENTHAL JAFFE, of Maryland
MILTON BENJAMIN KIRSH, of Maryland
DANIEL EUGENE KLEIN, of Maryland
THOMAS PLEINES MAGILL, of Maryland
DONALD STOVER MARTIN, of Pennsylvania
JAMES HUBERT MCNEILL, of the District of Columbia
KARL EATON MILLER, of Maryland
ALFRED KING MITCHELL, of Virginia
WILLIAM KELSO MORRILL, of Maryland
SAMUEL MORRISON, of Maryland
EUSTIS ESPEY MORSBERGER, of Maryland
EDGAR TILTON MOSELY, of Ohio
SIDNEY MUSER, of the District of Columbia
ELMER LEWIS MYLANDER, of Maryland
ISIDORE IRVING NEISTADT, of Maryland
JOHN VALENTINE NOBLE, of England
JOHN WARNER PARSONS, of Maryland
PHILLIP PEMBROKE PEASE, of Ohio
JOHN ANGELO PENTZ, of Maryland
JOSEPH WILLIAM PETERS, of Maryland
DANIEL RAFFEL, of Maryland
DONALD REESE, of Maryland
GEORGE KENNETH REIBLICH, of Maryland
PHILIP HELLER SACHS, of Maryland
DAVID SCHAPIRO, of Maryland
MILTON WHITNEY SCHLUTTER, of Maryland
ROGER SHAW, of New York
OLIVER MARTIN SHIPLEY, of Maryland
ALBERT EDWARD SIKORSKY, of Maryland
ALEXANDER FRANK SKUTCH, of Maryland
MORTIMER SLATKIN, of Maryland
PHINEAS SMOLLER, of Maryland
MORTON TRACY SONNEBORN, of the District of Columbia
OLIVER WALTER SPURRIER, of Maryland
LEONARD E. STULMAN, of Maryland
THOMAS STRAN SUMMERS, of Maryland
ROSS JULIAN THALHEIMER, of Maryland
RICHARD CARMICHAEL TILGHMAN, of Maryland
WILLIAM EDGAR TROUT, JR., of Maryland
ROLAND GRAY VAUGHAN, of Arizona
CHARLES EDWIN VOGEL, of New York
EDWARD HAHN WATSON, of Maryland
ROBERT HENRY WIENEFELD, of Maryland
LAWRENCE DAVID WILLISON, of Maryland
SUI HOP WONG, of China

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BACHELOR OF ARTS—*Extra Ordinem*

SIDNEY LORENZO BROCK, of Oklahoma

BACHELORS OF ENGINEERING

RAYMOND LESLIE ASHLEY, of Maryland
GEORGE HENRY BALD, of MARYLAND
JOHN BARTHOLOMAEUS, of Maryland
CHARLES HARMON BRONNER, of Maryland
CHARLES ROBERT BROWN, of Maryland
ROBERT BLUNDON BURGESS, of Maryland
MORRIS BURGAN CHESNEY, of Maryland
WILLIAM MELVILLE CHILDS, of Maryland
FRANK BISHOP CRIDER, of Maryland
JACOB ISRAEL DAVIDSON, of Maryland
CHARLES ALEXANDER ELLERT, of Maryland
OSWALD OTTO HOLLS, of Maryland
EUGENE HAMILTON HURST, of Maryland
LLOYD WHALEN HYATT, of Maryland
JOSEPH SAMUEL JACOBSON, of Maryland
BURGESS HILL JENNINGS, of Maryland
WILLIAM KAUFHOLZ, of Maryland
THOMAS JOSEPH LOGAN, of Maryland

ALFRED JESSE MCKAY, JR., of Maryland
EDWARD OSMOND MICHEL, of Maryland
MILTON OLIVER NINGARD, of Maryland
JOHN PICKERING OTIS, of Maryland
JOHN ALBERT PLEDGE, of Maryland
ROBERT THOMAS ROGESTER, of Maryland
BENJAMIN THEODORE ROME, of Maryland
THEODORE HAROLD SANDERSON, of Maryland
JOHN ARNOLD SAUER, of Maryland
GEORGE SYLVESTER SHAFFER, of Maryland
EDMUND GEIGER SHOWER, of Maryland
CHARLES CLAYTON SINGLETON, of Maryland
BENJAMIN THOMAS JOHN SLOWIK, of Maryland
CHARLES MILTON STRASBURGER, of Maryland
THOMAS ORKNEY TONGUE, of Maryland
HARRY LESTER TYLOR, of Ohio
SIGMUND KITTNER WALDORF, of Maryland

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HONOR LIST

Civil Engineering

BENJAMIN THEODORE ROME

THEODORE HAROLD SANDERSON

Electrical Engineering

BENJAMIN THOMAS JOHN SLOWIK

JOHN ALBERT PLEDGE

Mechanical Engineering

MORRIS BURGAN CHESNEY

MILTON OLIVER NINGARD

BACHELORS OF SCIENCE IN CHEMISTRY

RALPH BAYLIES BAKER, of Maryland
WILLIAM AUGUST GERSTMAYER, of Maryland
GEORGE LAMAR KELLY, Jr., of Maryland
FREDERICK AUGUST KUMMELL, Jr., of Maryland
JAMES GARFIELD MCCALLISTER, Jr., of Maryland

CHARLES GORDON MILBOURNE, of Maryland
CHARLES EDWARD REIMER, of Maryland
HARRY WILLIAM RUDEL, of Maryland
CARL EDWIN WILLOUGHBY, of Maryland
EDGAR FAHRNEY WOLF, of Maryland

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HONOR LIST

EDGAR FAHRNEY WOLF

CARL EDWIN WILLOUGHBY

BACHELORS OF SCIENCE

MARY ALICE ADAMS, of Maryland
JANE ELLEN BACKUS, of New York
NATALIE BALLOU, of Maryland
MARGARET MARY BYRNES, of Maryland
ALICE DIGGS, of Maryland
KATHERINE CLARA ERLMEIER, of Maryland
LETITIA CHARLOTTE FARRELL, of Maryland
ELLEN HEPBURN GRAY, of Maryland
JULIA ELIZABETH HEIL, of Maryland
ARTHUR HODGES, of Maryland
ESTHER IRENE HOLM, of Maryland
EDNAH MAY HINES, of Maryland
IRENE ISABELLE MCLAUGHLIN, of Maryland

ETHEL BAILEY MELVIN, of Maryland
KATHERINE FRANCES MUESSE, of Maryland
GEORGE LLOYD PALMER, of Maryland
EDNA EARLE RAWLS, of Maryland
ADDIE BELLE ROBB, of Maryland
EMMA ADELINE SCHAD, of Maryland
J. ALBERT SCHNEIDER, of Maryland
NANNETTE SILBERT, of Maryland
SPENCER CLARENCE STULL, of Maryland
MARY FRANCES SULTZER, of Maryland
EDNA ELIZABETH WATSON, of Maryland
M. THERESA WIEDEFELD, of Maryland

(25)

BACHELORS OF SCIENCE IN ECONOMICS

JAMES EDWARD BROWN, of Maryland
CLAUDE RICE DRITT, of Maryland
THOMAS RAY GAITHER, of Maryland

WILLIAM G. HARRISON, of Maryland
IRWIN DWINELLE MEDINGER, of Maryland
CHAUNCEY ROLAND TATUM, of Maryland

(6)

RECIPIENTS OF CERTIFICATES IN PUBLIC HEALTH

- HERACLIDES CESAR DE SOUZA ARAUJO, of Brazil, M.D. Faculty of Medicine Rio Janeiro 1915
- CHARLES HILARY BENNING, of Michigan, M.D.C.M. McGill University 1917
- JESSE HILL CROUCH, of Virginia, M.D. Medical College of Virginia 1911
- ANDREW COLMAN GAAL, of Hungary, M.D. University of Budapest 1921
- TIVADAR HEVIZY, of Hungary, M.D. University of Budapest 1916
- LAJOS KISS, of Hungary, M.D. Kolozsvar University 1919
- STEFEN LEWY, of Poland, M.D. University of Breslau 1913
- EDER JANSEN DE MELLO, of Brazil, Sc. B. Lett Anchieta College 1909; M.D. Faculty of Medicine, Rio Janeiro 1915
- VALENTINE MERSOLJ, of Jugoslavia, M.D. University of Prague 1922
- GUILLERMO GARCIA DE PAREDES, of Panama, M.D. Long Island College Hospital 1918.
- ELISABETH MACVEEN COLLIER SAPHIRO, of California, A.B. University of Colorado 1905; M.D. 1909
- DIMITER YANKOFF STAMOFF, of Bulgaria, M.D. University of Vienna 1922
- HOWARD COKE STEWART, of Nebraska, S. B. University of Nebraska 1918; M.D. 1920
- LESTER L. WILLIAMS, of North Carolina, M.D. Maryland Medical College 1913
- WU LIEN TEH, of China, A.B. Emmanuel College, Cambridge, 1899; A.M., M.B. and S.B. University of Cambridge 1902; M.D. 1905

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MASTERS OF ARTS

WITH TITLES OF ESSAYS

- HERBERT NICKSON BAKER, of Kansas, S.B. Kansas State Agricultural College 1920. Zoology
Relation of Intensity of Light to Rate of Turning in the Drone Fly (*Eristalis Tenax*)
- LLOYD MILLARD BERTHOLF, of Kansas, A.B. Southwestern College 1921. Zoology
Utilization of Carbohydrates by Honeybee Larvae
- MARGARET DONALDSON BOEHM, of Maryland, S.B. Johns Hopkins University 1920. Philosophy
The Conception of 'Pride' in Seventeenth and Eighteenth Century Philosophy and Literature
- MARGARET DEMPSTER, of Maryland, A.B. Goucher College 1923. Political Economy
Workmen's Compensation
- FRANK DIEHL, of Pennsylvania, Ph.B. University of Michigan 1900, B.D. Union Theological Seminary 1904. Philosophy
A Criticism of Some Proposed Substitutes for Mental Entities in Contemporary Philosophy and Psychology
- JACOB ELLIS FINESINGER, of Maryland, A.B. Johns Hopkins University 1923. Zoology
Reproduction and Length of Life in a Rotifer (*Distyla Inermis*) Under Various Environments
- CALVERT HUNTER JENKINS, of Virginia, A.B. Randolph-Macon College 1920. History
Governor Alexander Spotswood of Virginia, 1710-1722
- SALLIE ELIZABETH JONES, of Maryland, A.B. Goucher College 1923. Political Economy
Ex-Wards of the Henry Watson Children's Aid Society
- MAUDE PUSTAN KEMP, of Maryland, A.B. Wittenberg College 1923. Political Economy
Philanthropic Publicity in American Cities
- JACOB ERLY METZGER, of Maryland, S.B. Pennsylvania State College 1911. Political Economy
Agricultural Progress In a Typical Maryland Community 1865-1924
- CLARA EMILIE MILLER, of Maryland, A.B. Goucher College 1923. Chemistry
Stability of Lyophobe Sols
- MARGARET ELIZABETH MOYER, of Florida, S.B. Florida State College for Women 1923. Political Economy
Individualization in Case Work of Social Agencies in Baltimore, Maryland
- JACOB ERNEST NADLER, of Massachusetts, A.B. Clark University 1923. Zoology
Reversal in Ciliary Action in *Paramecium Caudatum*
- LILLIAN MABEL NUSSMAN, of Virginia, A.B. Hollins College 1923. Political Economy
Follow-Up Work in the Syphilis Clinic of the Johns Hopkins Hospital
- MARY CASTLE OTT, of Maryland, A.B. Hood College 1920. History
Origin, Composition and Distribution of the Population in the Northwest Territory
- BOYD CRUMRINE PATTERSON, of Pennsylvania, A.B. Washington and Jefferson College 1923. Mathematics
Proof of a Theorem of Grace
- ALLIE W. RICHESON, of Virginia, S.B. University of Richmond 1918. Mathematics
Applications of Cauchy's Theory of Residues
- HENRY ALLEN ROBINSON, of Georgia, S.B. University of Georgia 1922. Mathematics
Case of Planar Motion
- BENJAMIN BRAFMAN ROSENSTOCK, of Maryland, A.B. Johns Hopkins University 1923. Political Science
The Law of Charitable Trusts
- LOUIS SHOCKET, of Virginia, A.B. University of Richmond 1923. Political Economy
The Leadership in the Needle Trade Unions
- ELMER GEORGE SUHR, of New York, A.B. Wittenberg College 1923. Art and Archaeology
Sculptured Portraits of Greek Statesmen
- MARY LAURA SWANSON, of Kansas, A.B. Provincial University 1923. Political Economy
A Study of the Polish Organizations in Baltimore
- CALVIN NORWOOD WARFIELD, of Maryland, B.E. Johns Hopkins University 1923. Physics
Refractivity as Explained by Crystal Structure
- ELISABETH GENEVIEVE WHITE, of Maryland, S.B. Johns Hopkins University 1923. Education
Is the Ability to Generalize in Algebraic and Geometric Material a Vital Factor in the Prognosis of Geometry Ability?

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MASTERS OF ELECTRICAL ENGINEERING

WITH TITLES OF ESSAYS

- JOHN HAROLD LAMPE, of Maryland, S.B. in Electrical Engineering Johns Hopkins University 1918. Electrical Engineering Insulating Oils
- WILLIAM WELCH HILL, of Alabama, S.B. in Electrical Engineering Alabama Polytechnic Institute 1897, S.M. in 1898 and M.E. 1905. Electrical Engineering Corona Losses from Clean Round Wires
- GEORGE ALLISON IRLAND, of Pennsylvania, S.B. in Electrical Engineering Bucknell University 1915. Electrical Engineering. Oil Cooling for Rotating Electrical Machinery

(3)

DOCTORS OF PHILOSOPHY

WITH TITLES OF DISSERTATIONS

- CARLOS VASQUEZ-ARJONA, of Porto Rico, S.B. Johns Hopkins University 1920, A.M. 1923. Spanish, French, English Cotejo Historico de Cinco Episodios de Galdos
- CHARLES DALE BEERS, of North Carolina, A.B. University of North Carolina 1921, A.M. 1922. Zoology, Medical Zoology, Anatomy Encystment and the Life Cycle in *Didinium Nasutum*
- LEE WESLEY BLITCH, of Georgia, S.B. Emory University 1922. Chemistry, Physical Chemistry, Mathematics Manganese Dioxide as an Oxidation Catalyst
- JOSEPHINE MARIE DE BOER, of New York, S.B. Columbia University 1907, A.M. University of Minnesota 1923. French, Italian, Spanish The Life and Works of Guillaume Colletet (1596-1659)
- FERDINAND GRAFT BRICKWEDDE, of Maryland, A.B. Johns Hopkins University 1922, A.M. 1924. Physics, Applied Mathematics, Mathematics The Light-Sensitiveness of Zinc and Silver Salts
- HERBERT WHITTAKER BRIGGS, of Maryland, A.B. University of West Virginia 1921. Political Science, Political Economy, History The Doctrine of Continuous Voyage
- ROBERT HAWTHORNE CANFIELD, of Colorado, S.B. University of Colorado 1915, S.M. 1923. Physics, Applied Mathematics, Mathematics An Experimental Study of the Fatigue of Metals
- EDWIN LOUIS CLINE, of Maryland, A.B. Johns Hopkins University 1922. Chemistry, Physical Chemistry, Bacteriology Derivatives of Ethyl Benzene
- JOHN DAY, of Ohio, A.B. Ohio State University 1921. Classical Archaeology, History, Latin Chapters in the History of the Piraeus
- CHARLES EDWARD DEPPERMAN, of New York, A.M. Woodstock College 1921. Physics, Applied Mathematics, Mathematics. Some Studies of the Stark Effect
- ROY MELVIN DORCUS, of Maryland, A.B. Johns Hopkins University 1922, A.M. 1924. Psychology, Zoology, Applied Psychology Color Preferences and Color Associations
- GEORGE HEBERTON EVANS, JR., of Maryland, A.B. Johns Hopkins University 1920. Political Economy, Political Science, Psychology Apartment Rents in Baltimore, January 1917 Through October 1923
- ABRAHAM LEONARD FINESINGER, of Maryland, A.B. Johns Hopkins University 1921, A.M. 1923. Psychology, Zoology, Greek Word and Number Association Reactions
- EUNICE RATHBONE GODDARD, of Maryland, A.B. Mt. Holyoke College 1903, A.M. Columbia University 1906. French, German Philology, German Literature Women's Costume in French Texts of the Eleventh and Twelfth Centuries
- CLARA VIRGINIA HARTFIELD, of Mississippi, A.B. Hollins College 1921. History, Political Science, Political Economy Contemporary American Opinion of Napoleon I
- FRANCIS CHRISTIAN HUBER, of New York, CH.E. Lehigh University 1922. Chemistry, Physical Chemistry, Mathematics The Relation of Rate of Stirring to Rate of Reaction
- WILLIAM LEONARD HYDEN, of Tennessee, S.B. Cumberland University 1920, S.M. Lafayette College 1921. Chemistry, Physical Chemistry, Mathematics The Colloidal Properties of Soap Solutions
- LEWIS VAN HAGEN JUDSON, of the District of Columbia, A.B. Clark College 1916, A.M. 1917. Physics, Geophysics, Mathematics A Study of the Variations in Length of Invar Base Line Tapes with Variations in the Applied Forces
- ELAINE FLITNER KINDER, of New York, S.B. University of Utah 1921, A.M. 1922. Psychology, Physiology, Psychiatry A Study of the Nest Building Activity of the Albino Rat
- FOSTER ELLIS KLINGAMAN, of Pennsylvania, Sc.B. Gettysburg College 1921, Sc.M. 1922. Physics, Applied Mathematics, Mathematics Selective Dispersion of Mercury Vapor at the Gamma 2536 Absorption Line
- ALBERT GEORGE LANGELOTTIG, JR., of Maryland, A.B. Johns Hopkins University 1922. Political Science, History, Political Economy The United States Department of Justice
- WALTER EASTBY LAWSON, of Maryland, S.B. University of Washington 1917, S.M. 1922. Chemistry, Physical Chemistry, Bacteriology Reactions of Beta Beta' Dichlorethyl Sulphide with Compounds Containing Amino Groups
- ABRAHAM JUDA LEVY, of Maryland, A.B. Johns Hopkins University 1923, A.M. 1924. Hebrew, Arabic, Egyptian The Song of Moses (Deuteronomy 32)
- GRACE LUBIN, of Maryland, A.B. Bryn Mawr College 1921, A.M. 1922. Chemistry, Physical Chemistry, Physics A Study of the Effect of Surface Tension and of Surface Curvature on the Rate of Evaporation of Water
- WALTER ARCHER MACNAIR, of Michigan, S.B. Colgate University 1920, A.M. Johns Hopkins University 1924. Physics, Applied Mathematics, Mathematics Resonance Radiation of Cadmium Vapour
- WILLIAM CASSELL MALLALIEU, of Maryland, A.B. Johns Hopkins University 1920, A.M. 1924. History, Political Science, Political Economy The Influence of British Labor Upon Politics and Legis-

- lation, 1875-1900
OLGA MARX, of Maryland, A.B. Barnard College 1915, A.M. Columbia University 1917. German Literature, Germanic Philology, Spanish
 Carlyle's Translation of Wilhelm Meister
LUCIUS TERRELL MOORE, of Georgia, S.B. Emory University 1921. Mathematics, Applied Mathematics, Zoology
 Determination of the Type of a Tricunodal Quartic from Its Invariants
JAMES EARNEST PATE, of Louisiana, A.B. Louisiana College 1916, A.M. Wake Forest College 1917, A.M. Columbia University 1921. Political Science, History, Political Economy
 The Legislature of Virginia: Its Organization and Procedure
CARLETON HECKER SCHLESMAN, of Pennsylvania, Ch.E. Lehigh University 1922. Chemistry, Physical Chemistry, Mathematics
 Osmotic Pressure of Aqueous Solutions at Elevated Temperatures
EDWIN HERBERT SHAW, JR., of Maryland, S.B. Johns Hopkins University 1921. Chemistry, Physical Chemistry, Bacteriology

- Some Derivatives of Ethyl Selenomercaptan and a New Method for the Quantitative Estimation of Selenium in Organic Compounds
SAMUEL ASA SMALL, of Maryland, A.B. University of Tennessee 1918, A.M. Johns Hopkins University 1924. English, Latin, Greek and Roman History
 The Merchant of Venice: An Historical-Critical Study
ERWIN WILLIAM TSCHUDI, of Ohio, A.B. University of Cincinnati, 1920, A.M. 1921. Physics, Mathematics, Applied Mathematics
 An Approximate Determination of the Depth of Compression in Copper Bars During Impact
ROBERT DORSEY WATKINS, of Maryland, A.B. Johns Hopkins University 1923. Political Science, Law, Political Economy
 The State as a Party Litigant
ADELE MADELEINE WILDES, of Rhode Island, A.B. Brown University 1916, A.M. 1917. Archaeology, Greek, History
 Coordinations in Ancient Greek and Roman Temple Plans
CONWAY ZIRKLE, of Virginia, S.B. University of Virginia 1920, S.M. 1921. Botany, Zoology, Plant Physiology
 The Structure of the Chloroplasts of Certain Higher Plants

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DOCTORS OF PUBLIC HEALTH

WITH TITLES OF ESSAYS

- RICHARD ARTHUR BOLT**, of Maryland, A.B. University of Michigan 1904, M.D. 1906, GR.P.H. University of California 1917
 A Statistical Consideration of Official Municipal Expenditures for Public Health in 99 Cities of the United States over 70,000 Population in Relation to Their Infant Mortality Rates during the Year 1923
PHRA BORIRAKSH, of Siam, Grad. in Med. Chulalongkorn University 1912
 A Study of the Diverse Races of Iodamoeba Williamsi
ROY F. FEEMSTER, of Texas, A.B. Southwestern University 1921; M.D. Johns Hopkins University 1924
 On the Localization of the Malarial Parasite in the Organs of the Host
WARREN ELLSWORTH FORSYTHE, of Michigan, S.B. Oregon Agricultural College 1907, PH.C. University of Michigan 1903, M.D. 1913.
 Health Service in American Colleges and Universities
WILLIAM PICARD JACOBS, of New York, A.B. University of North Carolina 1904, A.M. 1905, M.D. University of Pennsylvania 1911
 The Nonofficial Health Agencies Reported in the Surveys of 95 American City Health Departments, 1924
JOHN FOX KENDRICK, of North Carolina, S.B. University of North Carolina 1912, M.D. Jefferson Medical College 1914
 The Oyster and Its Relation to Public Health
HSIEN WU KUNG, M.D. Peking Union Medical College 1918
 Life Tables for Various Racial Groups in the Hawaii Islands
PATRICK FRANCIS MCGUIRE, of Maryland, A.B. Rock Hill College 1909, A.M. 1911, M.D. Johns Hopkins University 1916; Major Medical Corps, U. S. A.
 A Study of Observations on Rabbit Snuffles
CLAUDE WILLIAM MITCHELL, of Nebraska, A.B. University of Nebraska 1910, A.M. 1911, Ph.D. 1913, M.D. University of Chicago 1916
 Carbon Monoxide Poisoning Resulting From Insufficient Ventilation and Improperly Designed Heating Appliances
DORIS AUDREY MURRAY, of Canada, A.B. McGill University 1915, M.D. Johns Hopkins University 1919
 A Study of the Seasonal Distribution of Typhoid Fever in Richmond, Virginia, 1908-1923
FRED LOWE SOPER, of Kansas, A.B. University of Kansas 1914, S.M. 1916, M.D. Rush Medical College 1918
 American Trypanosomiasis chagas' Disease
EDUARD WILLEM WALCH, of Holland, M.D. University of Amsterdam 1915
 Some Observations on *Leptospira Icterohaemorrhagiae* of the Wild Rats of Baltimore

(12)

DOCTORS OF SCIENCE IN HYGIENE

WITH TITLES OF DISSERTATIONS

- ELEANOR ALBERT BLISS**, of Maryland, A.B. Bryn Mawr College 1921. Bacteriology
 Anaerobic Spore-Bearing Bacteria in Baltimore Milk
VALDIMIR TRIPHON DIMITROFF, of Rhode Island, PH.B. Brown University 1920, A.M. 1921. Bacteriology
 Spirochaetes and Spirilla in Baltimore Market Oysters
MARTHA OLIVER ECKFORD, of Mississippi, S.B. Mississippi State College for Women 1907, A.M. Columbia University 1913. Bacteriology
 A Study of the Thermophiles in Baltimore Milk Supply
CALISTA POST ELIOT, of Oregon, A.B. Reed College 1920. Bacteriology
 A Study of the Bacteriology of Decomposing Oysters
WILLIAM ANTHONY FEIRER, of New Jersey, S.B. Rutgers College 1922. Bacteriology
 Studies on Some Obligate Thermophilic Bacteria from Soil

- MARTIN FROBISHER, JR., of Maryland, S.B. in Hygiene Johns Hopkins University 1922. Bacteriology
The Effect of Surface Tension on Bacteria
- CHESTER ALBERN HERRICK, of Kansas, S.B. Kansas State Agricultural College 1921, S.M. 1923. Medical Zoology
Some Relationships Between the Chicken and its Nematode Parasite *Ascaridia Perspicillum*
- ELIZABETH INGERSOLL PARSONS, of Ohio, A.B. Vassar College 1917. Immunology
Studies in Complement Splitting with Special Reference to the Activation of Yeast Absorbed and Complement Deficient Guinea Pig Serum
- WILLIAM WESTBROOK REDFERN, of Michigan, S.B. Michigan Agricultural College 1921. Immunology
A Study of the Primary Toxicity of Heterophile Immune Rabbit Serum for Guinea Pigs and Its Apparent Relation to the Phenomenon of Anaphylaxis
- JACK HENRY SANDGROUND, of South Africa, S.B. University College Johannesburg 1919, S.M. 1920. Medical Zoology
Experimental Studies on the Nematode Genus *Strongyloides*
- RUSSELL BENTON TEWKSBURY, of Massachusetts, S.B. Massachusetts Institute of Technology 1922. Statistics
A Biometric Study of Infant Mortality in the United States Birth Registration Area

(11)

BACHELORS OF SCIENCE IN HYGIENE

- MIGUEL BARCELON AFABLE, of the Philippine Islands, A.B. Johns Hopkins University 1922
- THOMAS PRESTON BELDEN JONES, of California, University of Southern California 1921-1923
- MYRON FOX, of Massachusetts, Tufts College 1918-1919; Harvard University 1919-1920; Tufts College Medical School 1920-1922

(3)

DOCTORS OF MEDICINE

- ROBERT TURNER ALLISON, of South Carolina
- JOHN TREXLER BAUER, of Pennsylvania
- CLIFTON HAROLD BERLINGHOF, of Pennsylvania
- GEORGE PACKER BERRY, of New Jersey
- RALPH FIRESTONE BOWERS, of Maryland
- C. HOLMES BOYD, of Maryland
- JAMES EDWARD BRESLIN, of Rhode Island
- ELIZABETH LYNN BRYAN, of Maryland
- BURDELLE S. CANNON, of Maryland
- FRANCIS BAYARD CARTER, of Delaware
- LACHLAN MCARTHUR CATTANACH, of Maryland
- ALEXANDER CAVINS, of Indiana
- ALVIN FREDERICK COBURN, of South Carolina
- AGNES CONRAD, of Wisconsin
- PAUL GAMBER CULLEY, of Maryland
- JEAN PAUL DIXON, of Pennsylvania
- GEORGE BILLOW DORNBLASER, of Pennsylvania
- CHARLES WELBY DORSEY, of Maryland
- WATT WEEMS EAGLE, of North Carolina
- LEWIS ANGEVIN ELDRIDGE, JR., of New York
- HOUSTON SPENCER EVERETT, of North Carolina
- GEORGE GROSS FINNEY, of Maryland
- IRVINE MOORE FLINN, JR., of Delaware
- MARSHALL NAIRNE FULTON, of Rhode Island
- SHERMAN SCOTT GARRETT, of Illinois
- JOHN VIVIAN GOODE, of Texas
- HARRIETT GRIGGS GUILD, of Connecticut
- GEORGE S. HELLER, of Virginia
- HELEN LOUISE HOPKINS, of California
- NELSON JACOB HOWARD, of Idaho
- JAMES THERON HUNTER, of Kansas
- PAO-CHU. I., of China
- EDWARD CARROLL JAMES, JR., of Virginia
- JAMES THOMAS JOHNSON, JR., of Maryland
- JOHN DUDLEY KEYE, of North Dakota
- WILLIAM THEODORE KING, of New York
- GROVER CLEVELAND KIRK, of Washington, D. C.
- WILLIAM KRAUS, of Pennsylvania
- FREDERICK HENRY KROCK, of California
- HERMAN HENRY WILLIAM KUMM, of New Jersey
- SHIH-HSI LIN, of China
- LLEWELLYN W. LORD, of Maryland
- DOROTHY SOPHIE LUBIN, of Pennsylvania
- ARTHUR JOHN MCLEAN, of Washington
- EDWARD DAVIS MAIRE, of Michigan
- SAMUEL FREDERICK MARSHALL, of Maryland
- MAURICE WILLIAM MILLER, of Pennsylvania
- DEWITT NEIGHBORS, of Texas
- HENRY DARLING NILES, of New York
- VERNON HYATT NORWOOD, of Maryland
- CHARLES O'DONOVAN, JR., of Maryland
- LAURENCE S. OTELL, of Connecticut
- EDWARD MORSE PICKFORD, of Washington, D. C.
- GILBERT ALONZO RATCLIFF, of Indiana
- JUNIUS MOTT RAWLINGS, of Texas
- HELEN WEBB REITSMA, of Massachusetts
- PHILIP ROTHMAN, of Michigan
- BENJAMIN HUGER RUTLEDGE, JR., of South Carolina
- ROBERT SALINGER, of California
- DANIEL LAMONT SEKINGER, of Georgia
- EZRA ABRAHAM SHARP, of Rhode Island
- HOPE SHERMAN, of Maryland
- MILTON SHERRY, of Maryland
- MARY LOUISE SMALL, of Maryland
- FRANK ROBERT SMITH, JR., of Maryland
- HOWARD CHANDLER SMITH, of Virginia
- OLIVE CUSHING SMITH, of Maryland
- JOHN MURRAY STEELE, JR., of Maryland
- HARRY VERNON THOMAS, of West Virginia
- THEODORE MCKEE TROUSDALE, of Pennsylvania
- WILLIAM FREMONT WAGNER, of California
- ELMER GLENN WAKEFIELD, of Arkansas
- ZOK TSUNG WANG, of China
- HERBERT SESSIONS WELLS, of Hawaii
- MILO RITTER WHITE, of Indiana
- DEAN COPPER WIDENER, of Oklahoma
- CHARLES REED WILLSON, of Ohio
- WILLIAM RIVES WILSON, of Kentucky

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MUSIC

The program is under the direction of Edwin L. Turnbull (A.B., '93) and will be presented by the Johns Hopkins Orchestra, Charles H. Bochau, Conductor, and Bart Wirtz, Assistant Conductor.

The orchestra was founded in 1919 by the Johns Hopkins Musical Association, with the object of promoting good music in the University and community. It has given forty symphony concerts, all free except two, and has played on eleven occasions for the public exercises of the University. The officers are E. L. Turnbull, President; F. H. Gottlieb, Vice-President; Frank Morley, Secretary; J. B. Whitehead, Treasurer; F. C. Smith, Executive Secretary; Miss Anne Kinsolving, Assistant Secretary. Rehearsals are held on Tuesday evenings in the Concert Hall of the Peabody Institute, and an excellent opportunity for free instruction in orchestral playing, under experienced teachers, is offered to members of the University and to outside musicians, both men and women.

Other public appearances of the Orchestra this season:

- FEBRUARY 23RD—Johns Hopkins University Commemoration Day Exercises at the Peabody Institute.
- APRIL 26TH—Concert 4 P. M. Baltimore Museum of Art.
Soloists, F. H. Gottlieb, Flute
C. W. Cole, Horn
- APRIL 29TH—Concert 8.30 P. M. Maryland State Normal School, Towson
Soloist: Helene Broemer, Cello
- MAY 10TH—Concert 4 P. M. Church Home and Infirmary.
- MAY 17TH—Concert 4 P. M. Sheppard and Enoch Pratt Hospital.
- MAY 26TH—Concert 8.30 P. M. at the Lyric.
Soloist: Edwin Grasse, Violinist.
- MAY 31ST—Concert 4 P. M. Johns Hopkins Hospital.
- JUNE 7TH—Concert 8 P. M. Homewood Campus.
Soloists: Loretta Lee, Soprano
Albert G. Packard, Trombone

