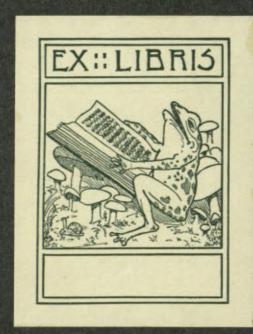
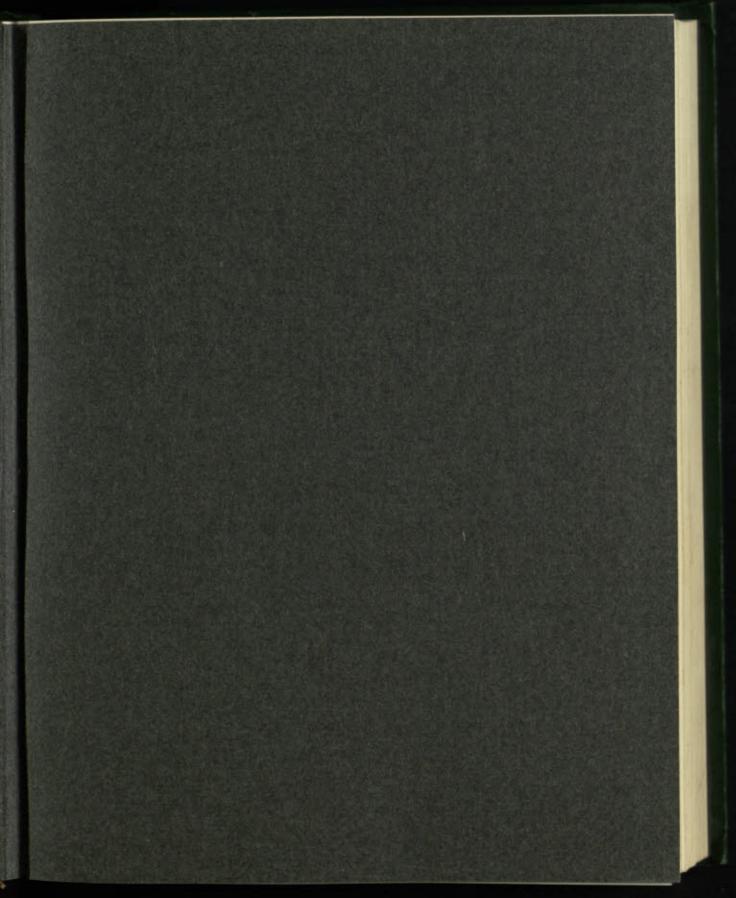
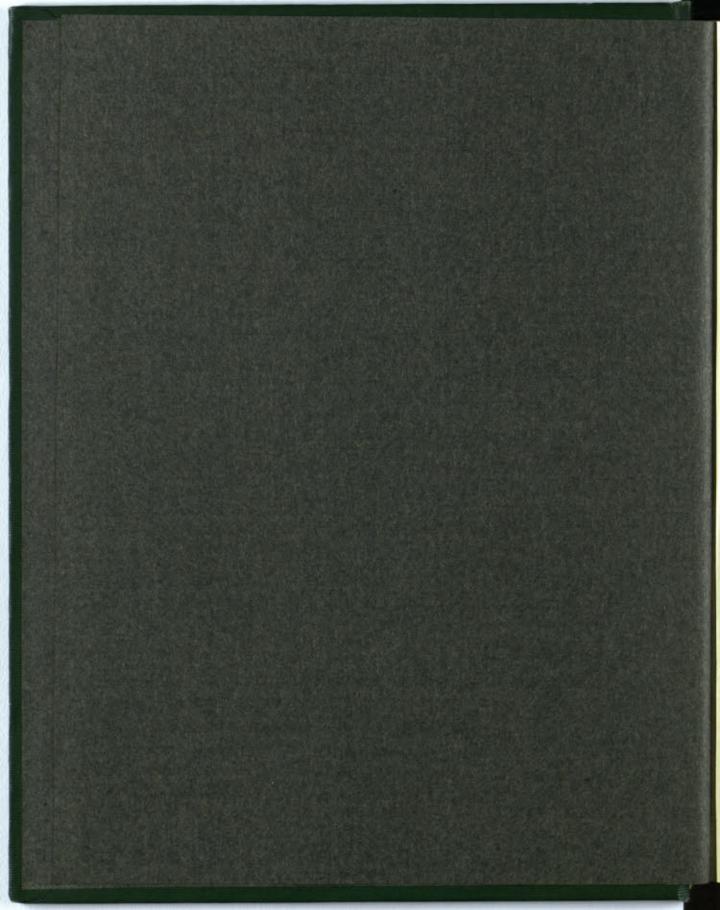
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Volume XXV

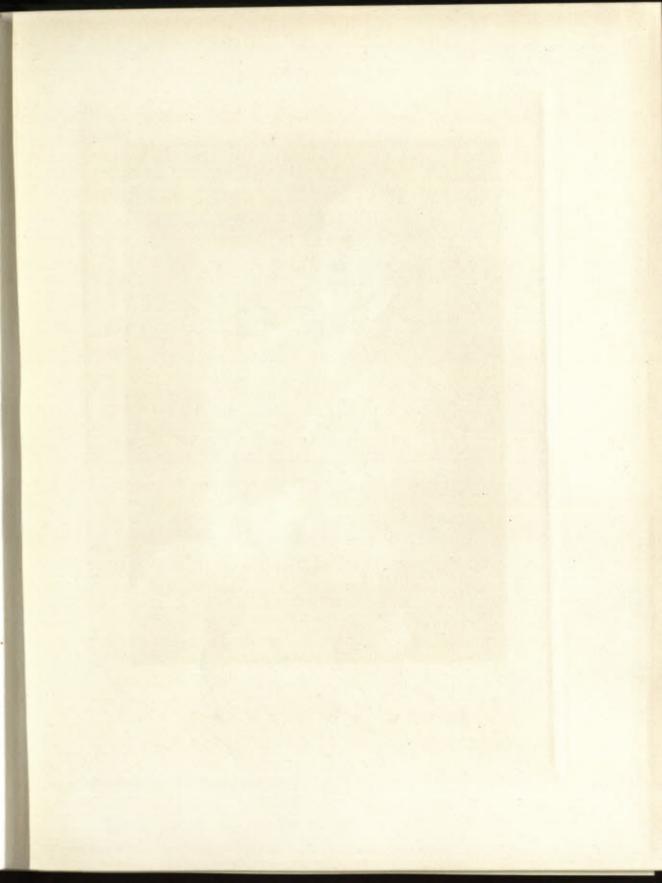


Charles Robert Cross

Whose Indefatigable Efforts have aided in making Technology the Foremost Technical School in America, we Dedicate whatever there is of Merit in this Book





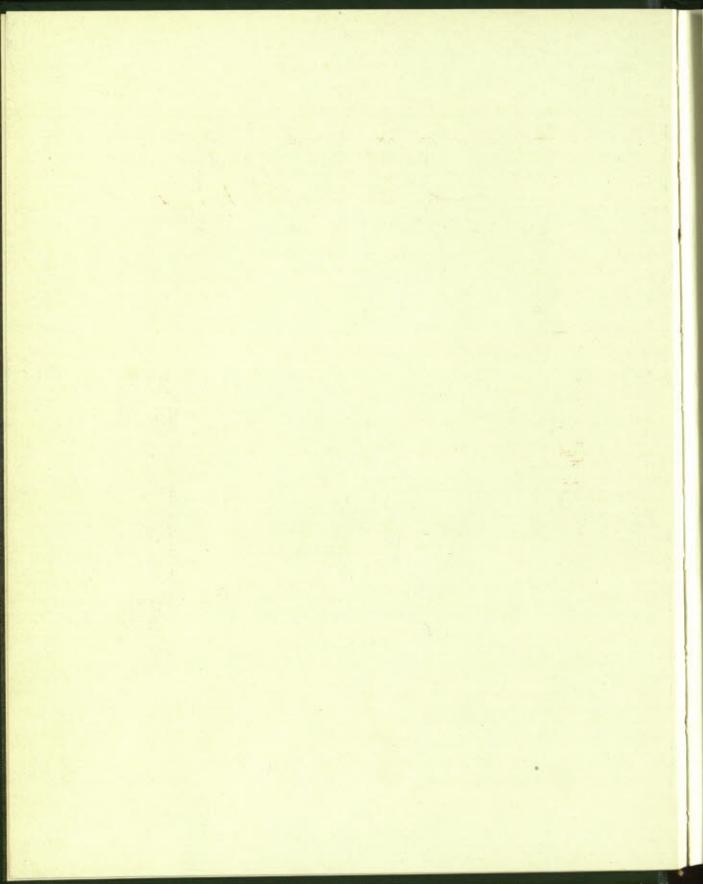


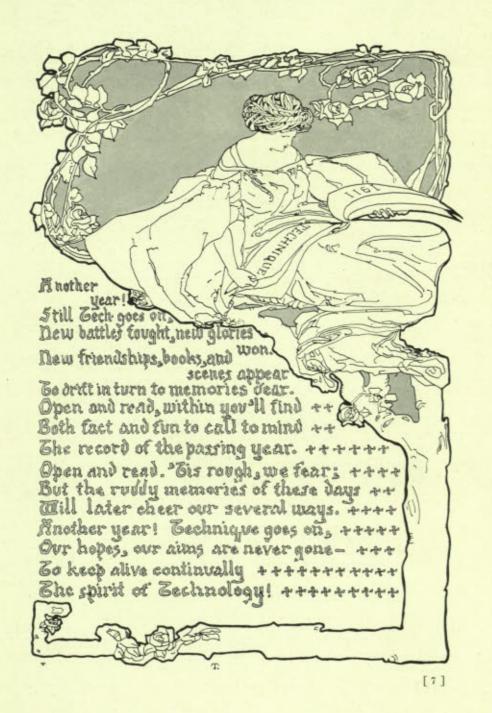


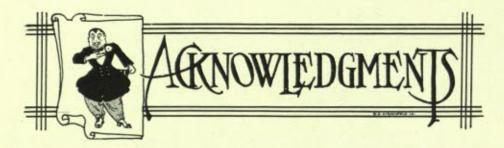
Elias R levofs

TECHNIQVE 1911

THE YEAR BOOK OF THE MASSACHUSE TTS INSTITUTE OF TECHNOLOGY PUBLISHED IN APRIL 1910 BY THE JUNIOR CLASS







ECHNIQUE 1911 wishes to offer heartfelt thanks to the many who have aided in the publication of this annual. The task has been no slight one, and all encouragement and help have been greatly appreciated. Particularly do the editors wish to acknowledge the kind assistance of the following people:—

IN GENERAL

Mr. I. W. Litchfield, Professor Arlo Bates, Professor H. G. Pearson, Professor H. L. Seaver, Mr. S. E. Gideon, Mr. F. M. Gracey, Mr. M. R. Scharff, and the University Press.

LITERARY

Frank Maurice Kanaly; Harvey Smith Benson, 1912; Mark Adolph Oettinger, 1912; Eugene Leland Macdonald, 1913; and all who contributed to the Grind Department.

ARTISTIC

Raynor Huntington Allen, 1909; John Frank Alter, 1911; John Taylor Arms, 1911; John Leonard Bagg, 1911; Philip Weeks Burnham, 1910; Kenneth Earle Carpenter, 1909; Charles Cameron Clark, 1910; Walter Swindell Davis, 1910; Gurdon Irving Edgerton, 1912; Stafford Allen Francis, 1911; Margaret Alexina Fulton, 1911; Henry Orange Glidden, 1913; Louis Grandgent, 1911; William Edward Haugaard, 1910; Benjamin Shuman Hirschfeld, 1911; Harold Eric Kebbon, 1912; Mark Curtis Kinney, 1911; Edward Herman Kruckemeyer, 1911; William Henry March, 1910; Charles Henry Mills, 1910; Frederick Dorr Rich, 1913; Charles Raymond Strong, 1911; John Henry Scarff, 1910; Kurt Vonnegut, 1908.

PHOTOGRAPHIC

The official photographer for Technique 1911 was Marceau, 160 Tremont Street. Portrait of Professor Cross by Notman. Pictures of Technology Reunion by Notman and Richard Stuart Bicknell, 1910. Pictures of Civil Engineering Summer School by Alexander Woodward Yereance, 1911, and Ralph Earle Runels, 1911. Pictures of N. E. I. A. A. Meet by William Somers, of I. C. A. A. A. Cross-Country Race by Daniel Quinn, and of Field Day by Prof. H. W. Smith.

Charles Robert Cross

ORN in Troy, New York, March 29, 1848, and brought up in Newburyport, Massachusetts, the family home for generations, Charles Robert Cross developed in early child-hood that fondness for science and experiment which was to determine his life-work and to dominate his whole career. As a child, he showed this fondness by his interest in natural history. During his boyhood, however, he turned his attention to physics, some of his youthful experiments in this science resulting in consternation to his parents and in no small degree of surprise to himself.

He entered the Putnam Free School in Newburyport in the autumn of 1862, and graduated from it when seventeen years of age. He continued here for a part of the next year as a teacher, and then taught for a year in the High School in New London, Connecticut. During this time he prepared himself to enter the second year of the Institute. It was an address by Dr. Jacob Bigelow before the Society of Arts on the "Limits of Education" which chiefly determined young Cross to enter Technology rather than the Lawrence Scientific School. Furthermore, the Institute prospectus, supplemented by an interview with President Rogers, made it clear that he could obtain the education in physics which he desired here and nowhere else in the country. He accordingly entered in the fall of 1867.

During his senior year at Technology, Cross acted as a student assistant to Professor Bocher of the Department of Modern Lan-

guages.

Graduating in 1870, he assumed the duties of an Instructor in Physics. From this position he rose rapidly until, seven years after graduation, he was put in charge of the Department of Physics when Professor Pickering resigned to take charge of the Harvard College Observatory.

In the summer of 1873 he was married to Miss Mariana Pike, of Salisbury, Massachusetts, who died in June, 1900, leaving one son,

Charles Robert Cross, Jr.

It was due to the efforts of Professor Cross that the Department of Electrical Engineering was established at the Institute in 1882.

This was the first of its kind in the country, and one of the first in the world. The Institute at the time was averse, for financial reasons, to the opening of a new course, but Professor Cross, from his knowledge of the growing electrical industries, was led to a firm belief in its practicability. He instituted a series of optional lectures on the "Industrial Applications of Electricity," and these had such a large attendance that he was induced to suggest to President Walker the introduction of the study of Electrical Engineering as an option in Course VIII. The option very soon developed into a separate course, and from five years after its establishment to the present day it has always been one of the three most popular courses at the Institute. Professor Cross was in charge of the department for twenty years.

Professor Cross has held many public offices. He was president of the Appalachian Mountain Club in 1880. At the foundation of the American Institute of Electrical Engineers he was one of the original vice-presidents. He acted as chairman of one of the three sections of the International Electrical Congress held in connection with the Columbian World's Fair at Chicago in 1893. During the past ten years he has been chairman of the Rumford Committee of the American

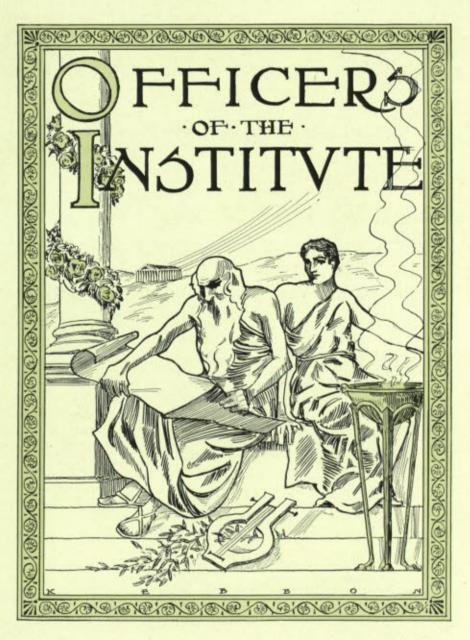
Academy of Arts and Sciences.

Among other scientific bodies, Professor Cross is a member of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, the British Association, the American Physical Society, the Physical Society of France, the Astronomical and Astrophysical Society, and the American Institute of Electrical

Engineers.

Professor Cross has acted as adviser and expert in many matters of litigation relating to electrical patents. He was the principal expert for the Bell Company in all its suits upon the Bell patents, and has been connected with most of the great electrical cases of the past thirty years. He has published many papers on acoustics and telephony, and has lectured publicly on almost every branch of pure and applied physics. In the regular Institute course in Physics he has instructed about half the Faculty.

A firm believer in the Institute and its ideals, a man always enthusiastic for its success and welfare, a sincere friend of every earnest student, Professor Cross stands out as a pioneer of applied science, a promoter of learning, and an encourager of the true Institute spirit.





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Charles L. Adams, Associate Professor of Drawing and Descriptive Geometry.—Massachusetts Normal Art School, 1879.

Assistant in Descriptive Geometry, Massachusetts Institute of Technology; Instructor in Freehand Drawing at Massachusetts Institute of Technology from 1886; Assistant Professor of Mechanical Drawing at Massachusetts Institute of Technology, 1903-04; Associate Professor of Drawing and Descriptive Geometry from 1904.

Author of Mechanical Drawing, etc. Residence, 52 West-

land Avenue.

C. Frank Allen, S.B., M. Am. Soc. C. E., Professor of Railroad Engineering; Head of the Departments of Civil and Sanitary Engineering.— S.B., M. I. T. 1872, I.

Member of Committee of Publication of Technology Review, 1899-1901; Assistant Professor, Massachusetts Institute of Technology, 1887-89; Associate Professor, 1889-96; Professor from 1896; Head of the Departments of Civil and Sanitary Engineering, 1909.

Author of Railroad Curves and Earthwork, and other books.

Residence, 88 Montview Street, West Roxbury. FREDERICK H. BAILEY, A.B., A.M., Professor of Mathematics.—A.B., Harvard University, 1887, \$\Phi BK; A.M., Harvard University, 1889.

Assistant in Mathematics, Harvard University, 1889-91; Instructor in Mathematics, Massachusetts Institute of Technology, 1891-93; Assistant Professor, 1893-1907; Professor from 1907.

Author of Plane and Solid Analytic Geometry (with Professor Woods), 1897; A Course in Mathematics (with Professor Woods), 1907.

Residence, 12 Idlewild Street, Allston. FRED L. BARDWELL, S.B., Assistant Professor of Inorganic Chemistry. — University of Minnesota, 1881; S.B., M. I. T. 1884, V.

Assistant in General Chemistry, 1884-86; Instructor in General Chemistry, 1886-94; Assistant Professor of Inorganic Chemistry from 1894.

Residence, 11 Chamblet Street, Dorchester.

















HAROLD K. BARROWS, S.B., Associate Professor of Hydraulic Engineering.—S.B., M. I. T. 1895, I.; Mem. Am. Soc. C. E.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1895-96; Assistant Professor of Civil Engineering, University of Vermont, 1901-03; Associate Professor, 1903-04; District Engineer, U.S. Geological Survey, 1904-09; Consulting Hydraulic and Sanitary Engineer. 1907-09; Associate Professor of Hydraulic Engineering. Massachusetts Institute of Technology, 1909.

Residence, Winchester, Mass. DANA P. BARTLETT, S.B., Professor of Mathematics.—S.B., M. I. T. 1886, VI.

Assistant in Mathematics, Massachusetts
Institute of Technology,
1886-87; Instructor in
Mathematics, 1888-91;
Assistant Professor of
Mathematics, 1891-98;
Associate Professor,
1898-05; Professor from
1905, Acting Secretary
of the Institute from
1907; in Observatory of
Harvard College, 1887;
in University of Munich,
1903-04.

Author of General Principles of Method of Least Squares.

Residence, 486 Columbus Avenue. ARLO BATES, S.B., A.B., A.M., Litt.D., Professor of English; in charge of the Department.—Bowdoin, 1876, A Δ Φ, Φ B K.

Editor of Broadside, 1878–79; Editor of Boston Courier, 1880–93; Correspondent of Providence Journal, Chicago Tribune, Book Buyer, etc., 1880–83; Professor of English, Massachusetts Institute of Technology, from 1893.

Author of A Wheel of Fire, The Diary of a Saint, The Puritans, Talks on Writing English, Talks on the Study of Literature, Sonnets in Shadow, Told in the Gate, Under the Beech Tree, etc.

Residence, 4 Otis Place. Charles W. Berry, S.B., Assistant Professor of Mechanical Engineering.—M. I. T. 1895, VI.

Studied in Göttingen, Germany, 1895-98; held Swett Fellowship, 1895-97; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1899-1900; Instructor, 1900-08; Assistant Professor from 1908.

Author of Explosive Mixtures at Atmospheric Pressure, The Principles of Human Equality, Measurement of Air with an Orifice, The Temperature Entropy Diagram (2 editions).

Residence, 952 Broadway, Somerville.



John Bigelow, Jr., Major U.S. Army, retired; Professor of French; in charge of the Department of Modern Languages.—U.S. Military Academy, 1877.

Second Lieutenant, 10th U.S. Cavalry, 1877; First Lieutenant, 1883; Captain, 1893; Major, 9th U.S. Cavalry, 1902; retired, 1904; Instructor in Modern Languages, U.S. Military Academy, 1880–84; Professor of French and in charge of Modern Language Department, Massachusetts Institute of Technology, from 1905.

Author of Mars-la-Tour and Gravelotte, The Principles of Strategy, and Reminiscences of the Santiago Campaign.

Residence, 14 Otis Place.









ARTHUR A. BLANCHARD, S.B., Ph.D., Assistant Professor of Inorganic Chemistry.—S.B., M. I. T. 1898, V.; Ph.D., Leipzig, 1902.

Private Assistant to Professor Noyes and Assistant in Theoretical Chemistry, M. I. T., 1898-1900; Studied in Germany, 1900-02; Instructor in Chemistry and Physics, New Hampshire College, 1902-03; Instructor in Inorganic Chemistry, M. I. T., 1903-08; Assistant Professor since 1908.

Author (with Professor Talbot) of the Electrolytic Dissociation Theory.

Residence, 66 Oxford Road, Newton Centre. HARRY C. BRADLEY, S.B., Assistant Professor of Drawing and Descriptive Geometry.—S.B., M. I. T. 1891.

In civil and mill engineering work, 1891– 96; Instructor in Drawing and Descriptive Geometry, Massachusetts Institute of Technology, 1897–1908; Assistant Professor from 1908.

Residence, 23 Randolph Avenue, Dorchester. CHARLES B. BREED, S.B., Assoc. Mem. Am. Soc. C. E., Assistant Professor of Civil Engineering.—M. I. T. 1897, I.

Engineering Department Boston & Albany Railroad, 1897-98; Assistant in Civil Engineering, Massachusetts Institute of Technology, 1898-1900; Instructor, 1901-08; Assistant Professor since 1908. Metropolitan Water and Sewer Commission of Massachusetts; Massachusetts Harbor and Land Commission.

Joint author Principles and Practice of Surveying.

Residence, 5 George Street, West Lynn. EDWARD E. BUGBEE, S.B., Assistant Professor of Mining Engineering and Metallurgy.— S.B., M. I. T. 1900, III.; University of Washington, 2 Z.

Assistant in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901-02; Assistant Professor of Mining Engineering and Metallurgy, Iowa State College, 1903-06; Assistant Professor of Assaving and Metallurgy. University of Washington, 1906-07; Assistant Professor of Mining Engineering and Metallurgy from 1907.

Residence, 683 Washington Street, Brookline.

Alfred E. Burton, S.B., Am. Soc. C. E., Dean; Professor of Topographical Engineering; in charge of the Department of Drawing.—Bowdoin, 1878, Δ K E, Φ B K.

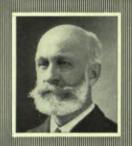
In charge of Scientific Expedition to Umanak, Greenland, 1896; in charge of Eclipse Expedition to Washington, Georgia, 1900; in charge of Eclipse Expedition to Sumatra, 1901.

Instructor in Topographical Engineering, Massachusetts Institute of Technology, 1882–84; Assistant Professor, 1884–89; Associate Professor, 1889–96; Professor from 1896; Dean from 1992.

Author of several articles in Technology Quarterly and Review.

Residence, 33 Webster Court, Newton Centre.











FRANCIS W. CHANDLER, H. M. Am. Inst. Arch., Professor of Architect-ure; in charge of the Department.

Assistant with Professor Ware at the Massachusetts Institute of Technology, 1869; Pro-fessor of Architecture, Massachusetts Institute of Technology, from 1888; Advisory Architect to the Mayor of the City of Boston since 1896; Member of Art Commission, City of Boston; Honorary Member of American Institute of Architecture; Editor of Municipal Architecture, 1898.

Residence, 195 Marlborough Street.

CHARLES R. CROSS, S.B., Thayer Professor of Physics; in charge of the Departments of Physics and Electro-Chemistry; Director of the Rogers Laboratory.— M. I. T. 1870, Sci. and Lit.

Instructor in Physics, Massachusetts Institute of Technology. 1870-71; Assistant Professor of Physics, 1871-75; Professor of Physics from 1875; in charge of Department of Physics from 1877: in charge of Course in Electrical Engineering from its establishment in 1882 till 1902; Author of many papers.

Residence, 100 Upland Road, Brookline.

RIER, A.B., A.M., Professor of History and Political Science; in charge of the Depart-ment of History.—A.B., Harvard University. 1887, Ф B K; A.M., Harvard University, 1888; Fellow of Harvard University studying at Berlin and Paris, 1889-91.

Instructor in History and Political Science, Massachusetts Institute of Technology, 1891-93; Assistant Professor of History, 1893-95; Associate Professor, 1895-1901; Professor of History from 1901.

Residence, 1 Webster Street, Winchester.

CHARLES F. A. CUR- REGINALD ADLWORTH Daly, A.B., A.M., Ph.D., Professor of Physical Geology. - A.B., Victoria College, To-ronto, 1891; A.M., Harvard University, 1892; Ph.D., Harvard University, 1896.

Tutor, Victoria Col-lege, 1891-92; Instructor of Geology, Harvard, 1895-96, 1898-1901; Geologist for Canada, International Boundary Commission, 1901-07; Professor of Geology, Massachusetts Institute of Technology, from 1907.

Author of many books and papers. Residence, 23 Hawthorn Street, Cam-

bridge.



Louis Derr, B.A., M.A., S.B., Professor of Physics.—B.A., Amherst, 1889, Δ Y, Φ B K; M.A., Amherst, 1892; S.B., M. I. T. 1892, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1892-93; Instructor in Physics, 1893-1900; Assistant Professor, 1900-04; Associate Professor from 1904; Professor, 1909; in charge of instruction in Physics, Boston Normal School of Gymnastics, from 1894; Instructor in Physics, Boston University, 1895-1905.

Editor of Cyclopedia of Engineering; author of Notes on Methods of Telegraphy, Notes on Dynamo Design, Photography for Students of Physics and Chemistry, and a number of papers in various technical publications.

Residence, 83 Centre Street, Brookline.









D. Despradelle, Rotch Professor of Architectural Design.—Architect, D. P. L. G.

Vice-President of the Society of Beaux-Arts Architects of America. Received first promotion at the École des Beaux-Arts, 1882; many of the prizes at the École des Beaux-Arts and Institut de France; received diplomas from École des Beaux-Arts and Société centrale des Architects français; Lauréat of the Institut de France; Officier d'Academie; Officier de l'Instruction publique, etc.

Residence, 382 Commonwealth Avenue. Davis R. Dewey, A.B., Ph.D., Professor of Economics and Statistics; in charge of the Department.—A.B., University of Vermont, 1879, Δ Ψ, Φ B K; Ph.D., Johns Hopkins University, 1886.

Teacher, Underhill, Vt., 1879-81; Student and Fellow at Johns Hopkins University, 1883-86; Instructor, Massachusetts Institute of Technology, 1887-88; Assistant Professor, 1888-89; Associate Professor, 1889-92; Professor from 1892.

Author of many books on Economics.

Residence, 27 Everett Street, Cambridge. Carroll W. Doten, Ph.D., A.M., Assistant Professor of Economics. —Ph.B., University of Vermont, 1895; $\Phi \Delta \theta$ A.M., 1899; A.M., Harvard University, 1902, Φ B K.

Instructor, University of Vermont, 1895–1903; Secretary, University of Vermont, 1896–1903; Instructor, Massachusetts Institute of Technology, 1903–05; Assistant Professor from 1905; Secretary, American Statistical Association, from 1906; Head of Research Department of Boston School for Social Workers, 1907.

Residence, 58 Garfield Street, North Cambridge. WILLIAM J. DRISKO, S.B., Assistant Professor of Physics.—S.B., M. I. T. 1895, VIII.

Assistant in Physics, Massachusetts Institute of Technology, 1895– 96; Instructor, 1896– 99; Professor of Physics, Colby College, 1899– 1900; Instructor in Physics, Massachusetts Institute of Technology, 1901–05; Assistant Professor from 1905.

Residence, 28 Lloyd Street, Winchester.

Alpha T. Easton, Captain United States Army, retired; Professor of Military Science.

Appointed 1st Lieutenant 29th United States Infantry, Feb. 2, 1901; Captain United States Infantry, June 12, 1909; Professor of Military Science at the Massachusetts Institute of Technology, 1909.

Residence, 185 Hancock Street, Cambridge.











HENRY FAY, A.B., Ph.D., Professor of Analytical Chemistry.—A.B., Lafayette College, 1889; Ph.D., Johns Hopkins University, 1895.

Instructor in Analytical Chemistry, Massachusetts Institute of Technology, 1895-1900; Assistant Professor, 1900-05; Associate Professor, 1905-07; Professor from 1907.

Author of about fifteen papers on Metallography and Analytical Chemistry published in various journals.

Residence, 409 Marlborough Street.

CHARLES E. FULLER, HARRY W. GARDNER, S.B., Associate Professor of Mechanical Engineering.-S.B., M. I. T. 1892, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor of Mechanical Engineering, 1894-1900; Assistant Professor, 1900-06; Associate Professor from 1906. Residence, Wellesley.

S.B., Associate Professor of Architecture. -S.B., M. I. T. 1894, IV.

Instructor in Architecture, Massachusetts Institute of Technology, 1896-1903; Assistant Professor, 1903; Associate Professor, 1909.

Author of Shades and Shadow Notes for the American School of Correspondence.

Residence, 1375 Commonwealth Avenue, Allston.

NATHAN RICHARD GEORGE, JR., A.B., A.M., Assistant Professor of Mathematics.— A.B., Harvard, 1890, Θ Δ X, Φ B K; A.M.. Harvard University, 1891.

Instructor in Mathematics, Massachusetts Institute of Technology, 1891-1906; Assistant Professor from 1906.

Author of Plane Trigonometry.

Residence, 112 Newbury Street.



Augustus H. Gill, S.B., Ph.D., Professor of Technical Analysis.—S.B., M. I. T. 1884, V.; Ph.D., Leipzig, 1890.

Assistant in General and Sanitary Chemistry, Massachusetts Insti tute of Technology, 1884-86; Instructor, 1886-87; Instructor in Gas Analysis, 1890-94; Assistant Professor of Gas Analysis, 1894-1903; Assistant Professor of Technical Analysis, 1903-06; Associate Professor of Technical Analysis, 1906; Professor, 1909.

Author of Gas and Fuel Analysis for Engineers, A Short Handbook of Oil Analysis, Engine Room Chemistry, and of numerous papers in scientific periodicals; Editor of a Register of Publications of the Institute (1862-93).

Residence, Canton Corner.









HARRY M. GOODWIN, S.B., Ph.D., Professor of Physics and Electro-Chemistry: in charge of the Department of Electro-Chemistry.—S.B., M. I. T. 1890, VIII.; Ph.D., Leipzig, 1893. Assistant in Physics,

Assistant in Physics, Massachusetts Institute of Technology, 1890–92; Instructor, 1892–97; studying at Leipzig and Berlin, 1892–94; Assistant Professor, 1897– 1903; Associate Professor, 1903–06; Professor, 1906; in charge of the Department of Electro-Chemistry, 1909.

Author of several books on Physics.

Residence, 322 Tappan Street, Brookline. George Bartholomew Haven, S.B., Assistant Professor of Mechanical Engineering.— S.B., M. I. T. 1894, II.

Assistant in Mechanical Engineering Drawing, Massachusetts Institute of Technology, 1894–96; Instructor in Mechanical Engineering Laboratory, 1896–99; Instructor in Machine Design and Mill Engineering, 1899–1905; Assistant Professor of Mechanical Engineering from 1905.

Residence, Webster Street, Needham. HARRISON W. HAY-WARD, S.B., Assistant Professor of Applied Mechanics.—S.B., M. I. T. 1896, X.; Mem. Am. Soc. for Testing Materials, Assoc. Am. Soc. of C. E., Int. Soc. for Testing Materials, Coc. for Promotion of Engineering Education.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1896–98; Draughtsman, Universal Iron Works, 1899–1900; Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1900–02; Instructor, 1902–07; Assistant Professor of Applied Mechanics since 1907.

Mechanics since 1907, Residence, 6 Foster Street, Brookline. HEINRICH O. HOFMAN, E.M., Met.E., Ph.D., Professor of Metallurgy.—E.M., Met.E., Prussian School of Mines, Clausthal, 1877; Ph.D., Ohio University, 1889.

Private Assistant to Professor R. H. Richards, and Lecturer on Metallurgy, Massachusetts Institute of Technology, 1887-88; Assistant Professor of Mining and Metallurgy, 1889-91; Associate Professor of Mining and Metallurgy, 1891-98; Professor of Metallurgy from 1898.

Author of several books on Metallurgy.

Residence, 88 Robinwood Avenue, Jamaica Plain.

George L. Hosmer, Assistant Professor of Civil Engineering.—M. I. T. 1897. I

Instructor in Civil Engineering, Massachusetts Institute of Technology, 1900-07; Assistant Professor from 1907.

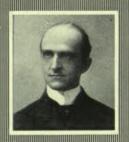
Author of Notes on Practical Astronomy, Principles and Practice of Surveying (with Professor C. B. Breed).

Residence, 21 Seaver Street, Wellesley Hills.











WILLIAM HOVGAARD, Captain in Danish Navy, Professor of Naval Design.—Naval Academy, Copenhagen, 1879; and Royal Naval College, Greenwich, 1886.

Lieutenant of Danish Navy, 1879-97; Commander from 1897; on the Technical Staff of the Copenhagen Navy Yard, 1886-89; Subdirector of Burmeister & Wains Ship and Engine Company, 1895-97; Member of the Institute of Naval Architects and of the American Society of Naval Architects and Marine Engineers.

Residence, 73 Perkins Street, West Newton.

DUGALD C. JACKSON, S.B., C.E., Professor of Electrical Engineering; in charge of the Department. — Pennsylvania State College, 1885.

Professor of Electrical Engineering and head of Department, University of Wisconsin, 1891–1906; Professor of Electrical Engineering and Head of Department, Massachusetts Institute of Technology, from 1906; Member and Past President of Society for the Promotion of Engineering Education; Member of A. I. E. E., A. S. C. E., A. S. M. E., Société Internationale des Electriciens.

Residence, 51 Upland Road, Brookline. Thomas Augustus Jaggar, Jr., A.B., A.M., Ph.D., Professor of Geology; in charge of the Department.—A.B., Harvard, 1893; A.M., 1894; Ph.D., 1897.

Assistant in Petrography, Harvard, 1894; Instructor in Geology, 1895; Assistant Professor, 1903; Professor of Geology, Massachusetts Institute of Technology, 1904; Assistant Geologist, U. S. G. S., 1893–1903.

Fellow of American Academy; Member of Boston Society of Natural History.

Author of many works on Geology.

Residence, Wolcott Road, Chestnut Hill. WILLIAM A. JOHNSTON, S.B., M. Am. Soc. M. E., Associate Professor of Mechanical Engineering.—S.B., M. I. T. 1892, II.

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892–94; Instructor, 1894–1900; Assistant Professor of Mechanical Engineering, 1900–07; Associate Professor from 1907.

Residence, Hillside Terrace, Belmont.



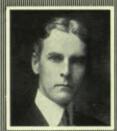
ERVIN KENISON, S.B., Assistant Professor of Drawing and Descriptive Geometry.—S.B., M. I. T. 1893. Assistant in Mechanical Drawing and Descriptive Geometry, Mas-

Assistant in Mechanical Drawing and Descriptive Geometry, Massachusetts Institute of Technology, 1893–95; Instructor, 1895–1908; Assistant Professor from 1908.

Author of two works on Mechanical Drawing.

Residence, Melrose.









Gaetano Lanza, C.E., Professor of Theoretical and Applied Mechanics; in charge of the Departments of Mechanical Engineering and Applied Mechanics.— B K.

Mechanics.— B K.

Instructor, Massachusetts Institute of Technology, 1871-72;
Assistant Professor, 1872-75; Professor of Theoretical and Applied Mechanics from 1875; also in charge of Department of Mechanical Engineering from 1883.

Author of Applied Mechanics, Notes on Mechanical Engineering, Notes on Friction, and many papers.

Residence, 22 West Cedar Street. RALPH R. LAWRENCE, S.B., Associate Professor of Electrical Engineering.—S.B., M. I. T. 1895, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1896-98; Instructor in Physics, 1898-1901; Instructor in Electrical Engineering, 1901-04; Assistant Professor of Electrical Engineering, 1904-06; Associate Professor from 1906.

Residence, 34 Sumner Street, Dorchester. WILLIAM H. LAW-RENCE, S.B., Professor of Architecture.—S.B., M. I. T. 1891, IV.

Instructor in Architecture, Massachusetts Institute of Technology, 1891-96; Assistant Professor, 1896-1901; Associate Professor, 1901; Professor, 1909.

Author of Elements of Shades and Shadows, Principles of Perspective.

Residence, 34 Sumner Street, Dorchester. Frank A. Laws, S.B., Associate Professor of Electrical Testing.— S.B., M. I. T. 1880, VI.

Assistant in Physics, Massachusetts Institute of Technology, 1889-91; Instructor in Physics, 1891-93; Instructor in Electrical Measurements, 1893-97; Assistant Professor of Electrical Measurements, 1897; Assistant Professor of Electrical Testing, 1902-06; Associate Professor of Electrical Testing from 1906.

Author of a number of papers on Electrical Measurements.

Residence, 1241/2 Federal Street, Salem.

Walter S. Leland, S.B., Assistant Professor of Naval Architecture.— S.B., M. I. T. 1896, XIII.

In practical work at various shipyards, 1896–1900; Instructor in Naval Architecture, Massachusetts Institute of Technology, 1900–05; Assistant Professor from 1905.

Member of Society of Naval Architects and Marine Engineers. Residence, 39 Cherry Street, Saxonville.











GILBERT N. LEWIS, A.B., A.M., Ph.D., Associate Professor of Physical Chemistry.—A.B., Harvard University, 1896; A.M., Harvard University, 1898; Ph.D., Harvard University, 1899.

Instructor in Chemistry, Harvard University, 1899–1900, 1901–04; Superintendent of the Division of Weights and Measures, Manila, P.I., 1904–05; Assistant Professor of Physical Chemistry, Massachusetts Institute of Technology, 1907; Associate Professor, 1909.

Author of a number of papers.

Residence, 38 St. Botolph Street. Charles E. Locke, S.B., Assistant Professor of Mining Engineering and Metallurgy.—S.B., M. I. T. 1896, III.

Mine Surveyor near Rock Springs, Wyoming, 1896-97; Private Assistant to Professor Richards in the preparation of his book on Ore Dressing, 1897-1901; Instructor in Mining Engineering and Metallurgy, Massachusetts Institute of Technology, 1901-06; Assistant Professor of Mining Engineering and Metallurgy from 1906.

Residence, 93 Kilsyth Road, Brookline.

ALLYNE L. MERRILL, S.B., Am. Soc. M. E., Professor of Mechanism; Secretary of the Faculty. —S.B., M. I. T. 1885, II

Assistant, Massachusetts Institute of Technology, 1885-87; Instructor, 1887-91; Assistant Professor of Mechanism, 1899-1905; Professor from 1905; Acting Dean, 1906-07; Secretary of the Faculty from 1906.

Author of Elements of Mechanism (with Professor Schwamb).

Residence, Payson Park, Belmont.

EDWARD F. MILLER, S.B., Mem. Am. Soc. *M. E., Mem. Am. Soc. C. E., Professor of Steam Engineering.—S.B., M. I. T. 1886, II.

Assistant, Massachusetts Institute of Technology, 1886-88; Instructor, 1888-92; Assistant Professor of Steam Engineering, 1892-99; Associate Professor, 1899; Professor from 1906.

Author of Steam Boilers (with C. H. Peabody), Waste Heat Engines, Foreign Technical Schools, and a number of articles in Engineering papers.

Residence, 538 Ward Street, Newton Centre.



CLARENCE L. E. MOORE, B.Sc., A.M., Ph.D., Assistant Professor of Mathematics.—B.Sc., Ohio State University, 1901; A.M., Cornell, 1902; Ph.D., Cornell, 1904.

Assistant in Mathematics, Ohio State University, 1900–01; Scholar in Mathematics, Cornell, 1901–02; Fellow, 1902–03; Assistant, 1903–04; Instructor in Mathematics, Massachusetts Institute of Technology, 1904–09; Assistant Professor, 1900.

Residence, 19 St. James Avenue.









Assistant in Chemistry, Amherst College, 1889-90; Instructor in General Chemistry, Cornell University, 1893-94; Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1894-95; Instructor, 1895-1902; Assistant Professor of Analytical Chemistry, 1902-04; Assistant Professor of Organic Chemistry from 1904.

Author of occasional scientific papers.

Residence, 220 Marlborough Street.

F. JEWETT MOORE, LEWIS EUGENE MOORE, B.A., Ph.D., Assistant B.S., C.E., Assistant Professor of Organic Professor of Civil En-Chemistry.—B.A., Am-gineering.—B.S., Uni-herst, 1889, X \(\Phi \); versity of Wisconsin, Ph.D., Heidelberg, 1893. 1900; C.E., University of Wisconsin, 1906, ТВП.

Student, Massachusetts Institute of Technology, 1901-02; Instructor in Mechanics and Structural Engineering, University of Wisconsin, 1903-04; Instructor in Theoretical and Applied Mechanics, University of Illinois, 1904-07; Assistant Professor of Civil Engineering, Massachusetts Institute of Technology, from 1907.

Residence, 85 Washington Park, Newtonville.

SAMUEL P. MULLIKEN, S.B., Ph.D., Assistant Professor of Organic Chemistry .- S.B., M. I. T. 1887, V.; Ph.D., Leipzig, 1890.

Assistant in Chemistry, University of Cincinnati, 1887-88; As-sociate in Chemistry, Bryn Mawr College, 1891-92; Instructor in charge of Department of Chemistry, Clark University, 1892-94; Instructor in Organic Chemistry, Massachusetts Institute of Technology, 1895-1905; Assistant Professor of Organic Chemistry from 1905.

Residence, 6 Harris Street, Newburyport.

WILLIAM H. NILES, S.B., Ph.B., A.M., LL.D., Professor of Geology and Geography Emeritus.-S.B., Harvard L. S., 1866; Ph.B., Yale S. S., 1867, Berzelius So-ciety; A.M., Wesleyan, 1869; LL.D., Temple, 1903.

Professor of Physical Geography, Massachusetts Institute of Technology, 1871-78; Professor of Geology and Geography, Massachusetts Institute of Technology, since 1878, Emeritus, 1902; President Boston Society of Natural History, 1892-97: President Appalachian Mountain Club. 1879, 1882, and 1898.

Residence, Hotel Brunswick.

Charles L. Norton, S.B., Associate Professor of Heat Measurements.— S.B., M. I. T. 1893, VI.

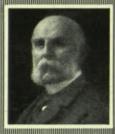
Assistant in Physics, Massachusetts Institute of Technology, 1893–95; Instructor in Physics, 1895-99; Instructor in Heat Measurements, 1899-1900; Assistant Professor, 1900-05; Associate Professor from 1905; in charge of the Insurance Engineering Experiment Station,

Papers on Fire Protection, Heat Conduction, The Protection of Steam Heated Surfaces, The Application of X-rays to Medicinal Diagnoses, The Illumination of Interiors by Ribbed and Prismatic Glass, Electric Furnaces, etc.

Residence, Hudson, N.H.











ARTHUR A. NOYES, S.B., S.M., Ph.D., Professor of Theoretical Chemistry; Director of the Research Laboratory of Physical Chemistry.— S.B., M. I. T. 1886, V.; S.M., M. I. T. 1887; Ph.D., Leipzig, 1890.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1887–88; Instructor, 1890–94; Assistant Professor of Organic Chemistry, 1894–97; Associate Professor, 1897–99; Professor from 1899. Director of the Research Laboratory of Physical Chemistry from 1903; Acting President, 1907–09.

Residence, 78 Westland Avenue. George A. Osborne, S.B., Walker Professor of Mathematics.—S.B., Harvard S. S., 1860.

Assistant Professor of Mathematics, United States Naval Academy, 1861-65; Professor of Mathematics, Massachusetts Institute of Technology, from 1866; Secretary of Faculty, 1868-71; Walker Professor of Mathematics from 1902.

Author of Examples in Differential Equations (1886), Differential and Integral Calculus (1891), etc.

Residence, 249 Berkeley Street. Charles F. Park, S.B., Associate Professor of Mechanical Engineering; Director of the Lowell Institute School for Industrial Foremen.— S.B., M. I. T. 1892, II.

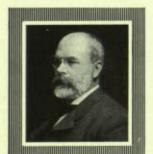
Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1892-94; Instructor in Mechanical Engineering, 1894-1900; Assistant Professor of Mechanical Engineering, 1900-06; Associate Professor from 1906.

Residence, 21 Prospect Street, Taunton. LEONARD M. PASSANO, A.B., Assistant Professor of Mathematics.— A.B., Johns Hopkins University, 1889.

Assistant in Mathematics, Johns Hopkins University, 1889-92; Instructor in Mathematics, Massachusetts Institute of Technology, 1892-1907; Assistant Professor from 1907.

Author of A History of Maryland, Stories from Maryland History, etc.

Residence, 20 Bacon Street, Winchester.



Cecil H. Peabody, S.B., Professor of Naval Architecture and Marine Engineering; in charge of the Department.—S.B., M. I. T. 1877, II.

Professor of Mathematics and Engineering, Imperial Agricultural College, Japan, 1878–80; Assistant Professor of Mechanical Engineering, University of Illinois, 1881–83; Instructor, Massachusetts Institute of Technology, 1883–84; Assistant Professor of Steam Engineering, 1884–89; Associate Professor, 1889–93; Professor of Naval Architecture and Marine Engineering from 1893.

Author of Notes on Governors and Fly-Wheels, Notes on Valve Gears, Thermodynamics of the Steam Engine and other Heat Engines, Tables of the Properties of Saturated Steam, Valve Gears for Steam Engines, Steam Boilers, with E. F. Miller, Manual of the Steam Engine Indicator, etc.

Residence, 259 Beacon Street.









HENRY G. PEARSON, A.B., Associate Professor of English.—A.B., Harvard, 1893, Θ Ξ, Φ

Instructor, Massachusetts Institute of Technology, 1893; Assistant Professor, 1898-1907; Associate Professor from 1907.

Author of the Principles of Composition. Residence, Dudley Street, Newton Centre. HAROLD PENDER, A.B., Ph.D., Professor of Theoretical and Applied Electricity. - A. B., Johns Hopkins University, 1898; Ph.D., Johns Hopkins University, 1901.

Instructor, McDonough School, 1901-02; Instructor, Syracuse University, 1902-03; Special Research at La Sorbonne, Paris, at invitation of the University authorities, on the magnetic effect of moving electrical charges, 1903; Electrical Engineer, Pittsburg, 1903-04, New York, 1904-09; Professor at the Massachusetts Institute of Technology, 1909.

Residence, 483 Beacon Street.

EARLE B. PHELPS, S.B., Assistant Professor of Research in Chemical Biology.-S.B., M. I. T. 1899, V

Assistant Bacteriologist, Lawrence Experiment Station, Massachusetts State Board of Health, 1899-1903; Research Chemist and Bacteriologist, Massachusetts Institute of Technology, from 1903; Assistant Professor of Biological Research from 1907; Hydro-graphic Aid, United States Geological Survey, 1905-06; Hydrog- Avenue, Brighton. rapher from 1906.

Residence, 14 Orris Street, Melrose Highlands.

THOMAS E. POPE, A.M., Professor of Inorganic Chemistry .- A.M., Harvard University, 1869.

Instructor in Chemistry, Massachusetts Institute of Technology, 1874-76; Professor of Chemistry, Iowa Agricultural College, 1876– 84; Assistant Professor of General Chemistry, Massachusetts Institute of Technology, 1894-95; Associate Professor, 1895-1900; Professor of General Chemistry from 1900.

Residence, 2 Gem

DWIGHT PORTER, Ph.B., Am. Soc. C. E., Professor of Hydraulic Engineering; in charge of the Course in Sanitary Engineering.-Ph.B., Yale S. S., 1880, Berzelius Society.

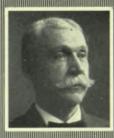
Special Agent, Tenth Census United States, Report upon Water Power, 1880-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1883-85; Instructor in Civil Engineering, 1885-87; Assistant Professor of Civil Engineering, 1887-90; Associate Professor of Hydraulic Engineering, 1890-96; Professor from 1896.

Author of Flood Discharge from Small Watersheds, Report upon a Sanitary Inspection of certain Tenement-house Districts of Boston, Reports on Water Power, Water Power Streams of Maine, Notes on Stereotomy and Warped Surfaces, etc.

Residence, 149 Hawthorne Street, Malden.











Samuel C. Prescott, S.B., Associate Professor of Industrial Biology.— S.B., M. I. T. 1894, V.

Private Assistant to Professor Sedgwick, 1894-95; Assistant in Biology, Massachusetts Institute of Technology, 1895-96; Instructor in Biology, Massachusetts Institute of Technology, 1896-1903; Assistant Professor of Industrial Biology, 1903; Professor, 1907; Vice-President, Society of American Bacteriologists.

Chief Author of Science and Experiment in Canning, Elements of Water Bacteriology (with C.-E. A. Winslow), and other works.

Residence, 3 Spruce Street. ROBERT H. RICHARDS, S.B., LL.D., Professor of Mining Engineering and Metallurgy; in charge of the Department.—S.B., M. I. T. 1868, III.; LL.D., University of Missouri, 1908.

Instructor in Assaying and Qualitative Analysis, 1869–70; Assistant Professor of Analytical Chemistry, 1870–71; Professor of Mineralogy and Assaying, in charge of the Mining and Metallurgical Laboratories, 1871–72; Professor of Mining Engineering, 1873; of Metallurgy, 1884; President of the M. I. T. Alumni, 1873–76.

Residence, 32 Elliot Street, Jamaica Plain. Joseph C. Riley, S.B., Assistant Professor of Mechanical Engineering. —S.B., M. I. T. 1898, II

Assistant in Mechanical Engineering, Massachusetts Institute of Technology, 1898–1901; Instructor, 1901–08; Assistant Professor from 1908.

Author of Approximate Mean Effective Pressure-Gage for High Speed Engines, Pulsometer Steam Pump, Apparatus for Obtaining a Continuous Record of the Position of an Engine Governor and the Speed of the Engine which it Governs.

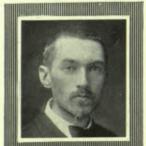
Residence, 77 Rockview Street, Jamaica Plain

ARTHUR G. ROBBINS, S.B., Professor of Topographical Engineering.— S.B., M. I. T. 1886, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1886–88; Instructor in Civil Engineering, 1888–93; Instructor in Highway Engineering, 1893–96; Assistant Professor of Highway Engineering, 1896–1906; Associate Professor of Topographical Engineering, 1906; Professor, 1909.

Author of An Elementary Treatise on Plane Surveying and Navigation, and other works.

Residence, 42 Oak Street, Belmont



ARCHER T. ROBINSON, A.B., Assistant Professor of English.—A.B., Harvard University, 1896.

Instructor in English, Massachusetts Institute of Technology, 1896– 1906; Assistant Professor from 1906.

Residence, Woodcliff Road, Newton Highlands.









George E. Russell., S.B., Assistant Professor of Civil Engineering. —S.B., M. I. T. 1900, I.

Assistant in Civil Engineering, Massachusetts Institute of Technology, 1900-01; with American Car Foundry Company, Draughtsman, 1901-02, Structural Engineer, 1902-04; Instructor in Civil Engineering, Cornell University. 1904-05; Instructor in Civil Engineering, Massachusetts Institute of Technology, 1905-07; Assistant Professor from 1907.

Residence, 15 Westbourne Street, Roslindale. Peter Schwamb, S.B., Professor of Machine Design; Director of the Mechanical Laboratories. —S.B., M. I. T. 1878, II

Graduate Student, Massachusetts Institute of Technology, 1878-79; Draughtsman, Howe Scale Co., Rutland, Vt., 1879-80; Draughtsman, Hinkley Locomotive Co., Boston, 1880-83; Instructor, Massachusetts Institute of Technology, 1883-84; Assistant Professor, 1884-88; Associate Professor, 1888-96; Professor of Mechanism, 1897; Professor of Machine Design from 1901.

Residence, 33 Academy Street, Arlington.

HENRY L. SEAVER, A.B., Assistant Professor of English.—A.B., Harvard University, 1900, & B.K.

Instructor in English, Massachusetts Institute of Technology, 1901-07; Assistant Professor of English from 1907.

Member of Organization Committee of Cosmopolitan Club of Technology.

Residence, 83 Van Winkle Street, Ashmont.

WILLIAM T. SEDGWICK, Ph.B., Ph.D., Professor of Biology; in charge of the Department; Director of the Sanitary Research Laboratory and Sewage Experiment Station.—Ph.B., Yale S. S., 1877, Berzelius Society; Ph.D., Johns Hopkins, 1881.

Fellow, Assistant and Associate in Biology, Johns Hopkins University, Baltimore, 1879-83; Assistant Professor of Biology, Massachusetts Institute of Technology, 1883-84; Associate Professor, 1884-91; Professor from 1891; President American Society of Naturalists, 1901, etc. Residence, 20 Edge

Hill Road, Brookline.

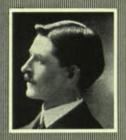
MILES S. SHERRILL, S.B., Ph.D., Assistant Professor of Theoretical Chemistry.—S.B., M. I. T. 1899, V.; Ph.D., Breslau, 1903. Assistant in Analytical Chemistry, Massachusetts Institute of Tech-

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1899–1900; Austin Fellow studying in Leipzig and Breslau, 1900–02; Instructor in Analytical and Theoretical Chemistry, 1903–07; Assistant Professor of Theoretical Chemistry from 1907.

Author of several papers on Chemistry published in various scientific journals.

Residence, 83 Longwood Avenue, Brookline.











Hervey W. Shimer, A.B., A.M., Ph.D., Assistant Professor of Paleontology.—A.B., Lafayette, 1899, A.M., 1901; Ph.D., Columbia University, 1904, $\Sigma \Xi$,

Tutor in Modern Languages, Lafayette, 1899-1901; Assistant in Paleontology, Columbia, 1901-03; Instructor in Stratigraphic Geology, Massachusetts Institute of Technology, 1903-08; Assistant Professor of Paleontology from 1908; Lecturer on Historic Geology and Physiography, Yale Summer School, 1906.

Residence, 2 Albemarle Street. Harrison W. Smith, A.B., S.B., Associate Professor of Electrical Engineering.—A.B., Harvard, 1895, Δ Y; S.B., M. I. T. 1897, II.

Assistant in Physics, Massachusetts Institute of Technology, 1898-1901; Instructor in Electrical Engineering, 1901-05; Assistant Professor of Electrical Engineering, 1905-07; Associate Professor from 1907.

Member of Massachusetts Institute of Technology Eclipse Expedition to Georgia in 1900 and to Sumatra in 1901.

Residence, 188 Woodland Road, Auburndale, CHARLES M. SPOFFORD, S.B., A X P, Hayward Professor of Civil Engineering; in charge of the Course in Civil Engineering.—S.B., M. I. T. 1893, I.

Graduate Student in Civil Engineering, Massachusetts Institute of Technology, 1894; Assistant in Civil Engineering, Massachusetts Institute of Technology, 1896-97; Instructor, 1897-1903; Assistant Professor, 1903-05; Professor of Civil Engineering, Brooklyn Polytechnic Institute, 1905-09; Professor of Civil Engineering, Massachusetts Institute of Technology, since 1909.

Residence, 8 Keswick Street. JOHN O. SUMNER, A.B., Professor of History.— A.B., Harvard, 1887.

Instructor, Massachusetts Institute of Technology, 1894; Assistant Professor from 1897; Associate Professor, 1903–07; Professor from 1907.

Residence, 225 Marlborough Street.



HENRY P. TALBOT, S.B., Ph.D., Professor of Inorganic and Analytical Chemistry; in charge of the Department of Chemistry and Chemical Engineering.—S.B., M. I. T. 1885, V., Φ Γ Δ; Ph.D., University of Leipzig, 1890.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1885–87; Instructor, 1887–88 and 1890–92; Assistant Professor of Analytical Chemistry, 1892–95; Associate Professor of Analytical Chemistry, 1895–98; Professor of Analytical Chemistry, 1898–1902; Professor of Inorganic and Analytical Chemistry from 1902.

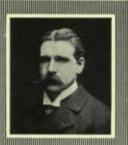
Author of Ueber das Verhalten der Tiglinsäure und Angelicasäure gegen Bromwasserstoff und Jodwasserstoff, Notes on the Action of Hybromic and Hydriodic Acids on Tiglic Acids.

Residence, 273 Otis Street, West Newton.









M. DEKAY THOMPSON, Ph.D., Assistant Professor of Electro-Chemistry.—M. I. T. 1898, VIII., Δ K E.

Assistant in Physics, Massachusetts Institute of Technology, 1898-1901; Non-resident Instructor in Electro-Chemistry, 1901-03; Resident Instructor, 1903-07; Assistant Professor of Electro-Chemistry from 1907.

Author of On the Dielectric Constant of Liquid Ammonia, Free Energy of some Halogen Compounds.

Residence, 5 Fairmount Street, Brookline. Frank H. Thorp, S.B., Ph.D., Assistant Professor of Industrial Chemistry.—S.B., M. I. T. 1889, V.; Ph.D., University of Heidelberg, 1893.

Assistant in Industrial Chemistry, Massachusetts Institute of Technology, 1889-91; Instructor, 1894-1900; Assistant Professor from 1900.

Author of Ueber die Oxime der Substituierten Benzophenone (1893), Inorganic Chemical Preparations (1896), Outlines of Industrial Chemistry, second edition (1905).

Residence, 200 Mt. Vernon Street, West Roxbury. HARRY W. TYLER, S.B., Ph.D., Professor of Mathematics; in charge of the Department.— S.B., M. I. T. 1884, V.; Ph.D., Erlangen, 1889.

Assistant in Mathematics, Massachusetts
Institute of Technology, 1884–86; Instructor, 1886–90; Assistant
Professor, 1890–92;
Associate Professor,
1892–93; Secretary of
the Faculty, 1889–90
and 1891–1906; Professor of Mathematics
from 1893.

Author of Entertainments in Chemistry, and other works.

Residence, 39 Gray Cliff Road, Newton Centre. Frank Vogel, A.B., A.M., Professor of Modern Languages.—A.B., Harvard University, 1887, $\Delta \Upsilon$,

Instructor in Modern Languages, Massachusetts Institute of Technology, 1888-92; Assistant Professor of Modern Languages, 1892-1900; Associate Professor, 1900-04; Professor from 1904; Member of Boston School Committee, 1901-04; Instructor in German, Simmons College, 1902.

Editor and Annotator of A Scientific German Reader and other publications.

Residence, 95 Robinwood Avenue, Jamaica Plain.

WILLIAM H. WALKER, S.B., Ph.D., Φ K Σ , Professor of Industrial Chemistry; Director of the Research Laboratory of Applied Chemistry.—S.B., Pennsylvania State College, 1890; Ph.D., Göttingen, 1892.

Instructor in Chemistry, Pennsylvania State College, 1892–94; Instructor, Massachusetts Institute of Technology, 1894–1900; Member of the firm of Little & Walker, Chemical Experts and Engineers, 1900-; Associate Professor, Massachusetts Institute of Technology, 1902–05; Professor from 1905.

Author of Neue Beobachtungen über das Verhalten der Sesquiterpene, Concentration Changes in the Electrolysis of Brine; Industrial Preparation of Electrolytic Bleaching Liquor.

Residence, 613 Walnut Street, Newtonville.











CHARLES H. WARREN, Ph.B., Ph.D., Assistant Professor of Mineralogy. —Ph.B., Yale, 1896; Ph.D., Yale, 1899, Σ. Ξ.

Assistant in Chemistry, Sheffield Scientific School, 1896-97; Assistant in Mineralogy, 1897-99, Instructor in Mineralogy, 1899-1900; Instructor in Mineralogy, Massachusetts Institute of Technology, 1900-04; Assistant Professor of Mineralogy since 1904.

Author of several papers on Crystallographic, Chemico-Mineralogical and Petrographic subjects.

Residence, 239 Woodland Road, Auburndale. Webster Wells, S.B., Professor of Mathematics.—S.B., M. I. T. 1873, I. (Absent.)

Instructor in Mathematics, Massachusetts Institute of Technology, 1873–80 and 1882– 83; Assistant Professor of Mathematics, 1883– 85; Associate Professor, 1885–93; Professor from 1893.

Author of Academic Arithmetic, Academic Algebra, Higher Algebra, University Algebra, College Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Logarithmic Tables, etc. WILLIAM E. WICKEN-DEN, B.S., Assistant Professor of Electrical Engineering.—B.S., Denison University, 1904, 2 X, Z Z; Assoc. Mem. Am. Inst. of Elect. Eng., Mem. Illuminating Eng. Soc., Mem. National Elect. Light Assoc.

Instructor in Applied Electricity, Rochester (N.Y.) Mechanics' Institute, 1904–05; Assistant in Physics, University of Wisconsin, 1905–06; Instructor in Electrical Engineering, ibid., 1906–09; Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, 1909.

Residence, 35 Bradford Terrace, Roslindale. EDWIN B. WILSON, A.B., Ph.D., Associate Professor of Mathematics.—A.B., Harvard, 1899, Φ B K; Ph.D., Yale University, 1901, Σ Ξ ,

Instructor in Mathematics, Yale University, 1900-06; Assistant Professor of Mathematics, Yale University, 1906-07; Associate Professor of Mathematics, Massachusetts Institute of Technology, from 1907; Student in Mathematical Physics at L'École Normale Supérieure, Collège de France, and La Sorbonne, 1902-03.

Residence, 16 Lee Street, Cambridge.



Charles-Edward Amory Winslow, S.B., S.M., Assistant Professor of Sanitary Biology; Biologist in charge of the Sanitary Research Laboratory and Sewage Experiment Station.—S.B., M. I. T. 1898, VII.; S.M., M. I. T. 1899.

Assistant Health Officer, Montclair, N.J., 1898; Assistant in Engineer's Office, Massachusetts State Board of Health, summers of 1899–1902; Assistant in Biology, Massachusetts Institute of Technology, 1899–1901; Instructor, 1901–05; Assistant Professor, 1905.

Author of Elements of Water Bacteriology (with S. C. Prescott), and Elements of Applied Microscopy; also of technical papers on the bacteriology of water and ice, the purification of sewage and the etiology of typhoid fever.

Residence, 157 Walnut Street, Brookline.



S. Homer Woodbridge, A.M., Associate Professor of Heating and Ventilation.—A.M., Williams College, 1873

Student at the Massachusetts Institute of Technology, 1874; Instructor in Physics, 1883-95; Assistant Professor, 1895-1900; Associate Professor, Heating and Ventilation, from 1900.

Residence, 281 Otis Street, West Newton.



Alpheus G. Woodman, S.B., Assistant Professor of Food Analysis.— S.B., M. I. T. 1897, V.

Assistant in Sanitary Chemistry, Massachusetts Institute of Technology, 1897-1900; Instructor, 1900-09; Assistant Professor of Food Analysis from 1909.

Member of Association of Official Agricultural Chemists, American Chemical Society, and American Association for the Advancement of Science; Special Agent for the Federal Government in the enforcement of the Pure Food Law.

Residence, 299 School Street, Watertown.



FREDERICK S. Woods, A.B., A.M., Ph.D., Professor of Mathematics.—A.B., Wesleyan University, 1885, \(\psi\) \(\chi\), \(\text{Y}\), \(\phi\) B K; A.M., Wesleyan, 1888; Ph.D., Göttingen, 1894. (Absent.)

Assistant in Physics and Astronomy at Wesleyan, 1885-86; Instructor in Mathematics at the Massachusetts Institute of Technology, 1890-95; Assistant Professor, 1895-1903; Associate Professor, 1903-06; Professor from 1906; Lecturer, Harvard, 1898-99.

Residence, 123 Sumner Street, Newton Centre.

WILLIAM O. CROSBY, S.B., Professor of Geology.—Retired under the Carnegie Foundation.

Percival Lowell, A.B., LL.D., Non-resident Professor of Astronomy; Director of the Lowell Observatory.

Elihu Thompson, Non-resident Professor of Applied Electricity.

WILLIS R. WHITNEY, Ph.D., Non-resident Professor of Chemical R:search.



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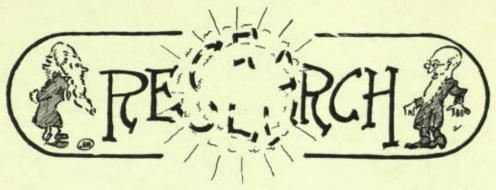
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The Inauguration of President Maclaurin

NQUESTIONABLY the most important event of the past year was the inauguration of Dr. Maclaurin as the seventh President of Technology. The exercises, which were most impressive, were held in Symphony Hall on the morning of June 7, 1909, before a gathering of Tech alumni, faculty, and undergraduates that crowded the spacious hall to the very doors.

Frederick P. Fish, of the Corporation, presided, and the stage was filled with distinguished educators from all parts of the country. Bishop Law-



President MACLAURIN

rence opened the exercises with prayer; and, following the formal announcement of Dr. Maclaurin's appointment to the Presidency, splendid addresses were delivered by Governor Draper, 1876, Henry S. Pritchett, James P. Munroe, President Lowell of Harvard, the Right Honorable James Bryce, and Dr. Noyes.

Dr. Maclaurin in his inaugural address said that his creed as an educator was composed of three articles. The first was that the end of education is to fit man to deal with the affairs of life honestly, intelligently, and efficiently; the second, that in the higher educa-

tion of a large and increasing section of the country science should play a very important, if not a leading part; and the third, that science and culture should go hand in hand, science being studied and taught in such a

way as to make for that broad and liberal outlook on the world that is the mark of a cultured man.

It was with regret that the student body of the Institute had given up the thought that they could have Dr. Noyes continue in the position which he had so well filled, but the thunderous cheering which welcomed Dr. Maclaurin to the Presidency of the Institute gave ample proof that the world of Technology was willing to intrust the future of their Alma Mater to this earnest man of Scotland.



Dr. Noyes

The Alumni Rennion

OINCIDENT with the inauguration of President Maclaurin came the second great All-Technology Reunion. Graduates flocked from all parts of the country to Boston, and everywhere they were made welcome by the city. The Union was turned into a registration room, and figures at the end of the celebration showed that in all 2,954 fortunate persons had been enrolled.

The program began Monday morning, June 7, with the inauguration. In the afternoon there was an automobile excursion for out-of-town alumni and guests, and during the evening Governor Draper, 1876, and Mrs. Draper received Tech men and their friends at the State House. While the reception was going on at the State House, a Jubilee Smoker was being given at

the Boston City Club which provided the very best of

entertainment for the many who attended.

Tuesday was the day of the classes. All went by boat to Nahant, where a shore dinner and general good time was in order. The alumni ate by classes, and many old acquaintances were renewed. In the late afternoon Mrs. E. S. Webster gave a reception at her home at Chestnut Hill to the ladies who were attending the reunion. At 7.45 the classes gathered at Symphony Hall, and a hilarious evening at the Pops followed. After the last piece had been played, the alumni gathered in a long serpentine column and marched to



I. W. LITCHFIELD, 1885

Rogers steps, where they massed and cheered until near midnight. As each of the Presidents of the Institute was cheered, electric lights on the building flashed out his name in letters of fire.

Wednesday, the final day, was spent at Nantasket. The crowd gathered around a big arena and witnessed the many and laughable stunts which

were produced by representatives from almost every class.

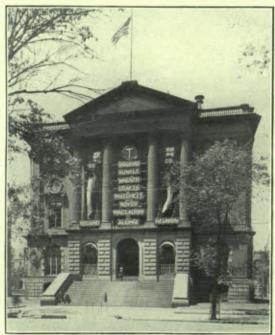
The reunion was brought to a close Wednesday evening with the grand banquet at Symphony Hall. The speakers were Governor Draper, Dr. Noyes, President Maclaurin, and Samuel J. Elder. Enthusiasm here reached its highest pitch when Dr. Maclaurin announced that there would be no thought of uniting with Harvard in the future.

It would be hard to discriminate in giving credit to any group of men for the success of the reunion. But it was greatly owing to the untiring energy and zeal of Isaac W. Litchfield, 1885, that enthusiasm for the reunion was aroused, and that the stupendous program was arranged and carried

through in a manner so satisfactory to every one.

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SECOND ALL-TECHNOLOGY REUNION



Decorated for the Reunion.



En Route to Nantasket.



Pres. Maclaurin Salutes Oldest and Youngest Living Graduates.



How Manualize was March ('eg), were ten Foot or the



The Spectrum Staff.

SCENES IN
THE ARENA

Roosevelt in Africa.

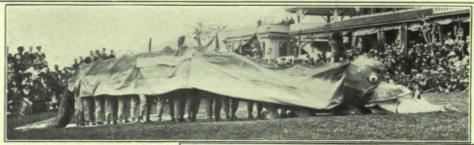
STUNT DAY AT NANTASKET



The Tech-Police Riot.



Faculty in 1915.



The Money Power Swallows Youth.



TOWARD FOREST ("GE), REPORT PERSONS THE CROSSESS.



Class of '85 Presents a Site.

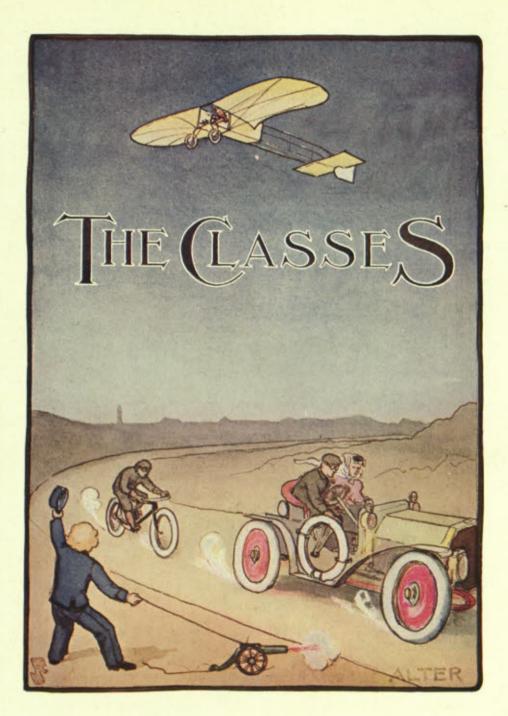


The Class or To Petersty a "Suppl

Miss Tech Almost Weds John Harvard.



The Biggest Pebble on the Beach.



ND now the Classes come within our view,

The Senior first with mind among the skies;

The Junior next—and sad it is, but true—

Much more for lady fair than books he sighs.

And racing after him the Soph'more bold,

Naught but excitement satisfies his kind;

While last and least the Freshman we behold,

To all his future trials he is blind.



Class of Nineteen Hundred and Ten

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RICHARD FREDERIC GOODWIN, JR.

Vice-President
Allen Adams Gould

Secretary

John Moxcey Fitzwater

Treasurer
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GEORGE BRADLEY CUMINGS

FREDERICK ALOYSIUS HURLEY

HAROLD LOCKETT

KARL DICKSON FERNSTROM

HURLEY

CLASS DINNER: Held at the Union, December 3, 1909

Toastmaster: Richard Frederic Goodwin, Jr.

Speakers: Dean Burton, Professor Porter, Professor Talbot, Bursar Rand [50]

Little Bobby's Pa

(WITH THE PROPER APOLOGIES)

LAST nite Pa caim hoam & sed to Ma, my deer, sed Pa i have sum good noos for you. i have made a killing on the stok X-change and am now a rich man, sed Pa. Oh, Henry sed Ma, i am so glad now i can have that dreem of a hat that i saw at —. Yes my deer, sed Pa, you can have all the hats you want. But i have a nuther peece of noos for you. i am going back to Bos-

ton to finish my edukashun at Tek. Isnt that grate, sed Pa. At last i will be a reel enshuneer. You remember that i only had wun more yeer to get a deegree when i had to leeve to go to work so, my deer, i will be a seenyor! sed Pa. & he threw out his chest.

* * * * * * * * * *

What is that you have under yore arm sed Ma last nite after supper. That is a noos paper sed Pa, our noos paper run by the stoodents sed Pa. Ma took it & began to reed it. The Teknology club of Noo york, sed Ma reeding, is getting along finely & the sekretary reports that every thing is getting along grate & the club has a big membership. Ha Ha Ha (three times) sed Ma laffing, aint that funny? Whats funny sed Pa. Why dont you see sed Ma, they are trying to immetate the Bingvill Bugel sed Ma, & what is this grate competishun they are talking about? Jelly beens? i red that throo from first to last & then bakwards & they aint no sens to it sed Ma. This is all rubbish, sed Ma, & i want to tell you Mr. Enshuneer, i have had enuff of this nonsens, sed Ma. When you want the salt passed at the table you say, plees pass the sodyum kloride; you put egg shells in the vinegar to see them bubbel; you tell me that the spoons are tarnished becaws there is too much hidrojen sulfide in the air; you tell me that there is karbon dioxide in the water; you have killed the fern with yore x-periments with niter & potash; & in fakt, Mr. Enshuneer, it is time you stop all yore siensing in this howse, sed Ma.

* * * * * * * * * *

Last nite after supper Pa & me was in the parlor. Pa, i sed, who owns the Institoot? My sun, sed Pa, three (3) men own the institoot. They are Walter Humphries, Berser Rand, & Androo Maklaklan. The last man i named, sed Pa, is a tek gradyuate; & alltho he only keeps a stashunary store he is a wunderfull inventer. He has invented a absolootly painless method of x-tracting coins from a poketbook, sed Pa. He can hyoo-milly-ate a dollar so that it looks, feels, & acts just like 25 cents, sed Pa. By the way, Robert, sed Pa will you plees get me my pen. i must send him a chek now, sed Pa.

After i did this i sed, Pa what is a tooter? A tooter my sun, sed Pa, is a nice young man who gets \$2 a hour for x-plaining perfektly everything that you may be shure you will not get on a x-aminashun. Then all you have to do is to study everything ells & you are pritty shure to pass yore x-aminashun, sed Pa. He is also a Sherlok Hoames employed by the fakultee to find out what you think about them. i coodnt understand what Pa sed so i didnt ask any more questshuns.

* * * * * * * * * * * *

This P.M. Pa sed come Robert, put yore hat on & i will take you down to the Yunyon. so i did & we took a car & pritty soon we caim to a st. with lots of brik bildings on it. They looked just like factories. We stopped befoar the littlest wun & then Pa sed, Robert, this beutiful bilding was given us by the fakultee for the different stoodent aktivitees. Observe my sun, what hites can be reeched in stoodent government, sed pa.

As we was going up the stairs a man caim down. He wore I-glasses, light hair, a worried X-pression, a pensil behind his eer, but no cote. He was in a hurry. Ah there! looking for sum wun, mister Orchard? sed Pa: Yes sed the man have you seen that sunofagun Clapp? No i havnt sed Pa. Robert, shake hands with mister Orchard, sed Pa. What t'ell, sed the man, is this yore kid? i didnt no you was

married as long as that. Gee! you got Fernie skun from here to Providence & they both laffed.

Then we went up stairs & pritty soon we caim to a sort of post office with lots of nice little boxes filled with string & cards & every old thing except a few had letters in them. There was a man behind the counter who looked awful tired & sad. Pa went up to him & sed Hello Charlie, is there anything for me? sed Pa. The man gave him a letter & i started to reed it as Pa unfolded it. It sed Plees explain & that was all i cood see for Pa crumpled it up & put it in his pocket. Then Pa asked the tired man for some matches, but there wasnt eny & Pa asked the man why in L they didnt keep sumthing there.

Then we went into a big room that was filled with posts & flags & some tables & sum chairs. Pa took me over to a seet neer a big windo & sed, my sun heer is a pikchure book. you stay heer & reed for a little while, i will be back in a few minuts, sed Pa.

He gave me a magazeen in a nice black cover with the name printed in gold letters, but it was wun (1) year old so i didnt want to reed it. Then i saw a dore to a nother room so i thot i wood look a round. This room was smaller than the uther. There was some card tables & men in there & a awful lot of smoke. Wun man threw a card down awful hard & sed: Yore up the creek & they aint a paddle within 40 miles.

yes, sed a nuther man, you got my goat alrite.

But i didnt see eny gote so i went over to the next table. i coodnt understand what they was talking about heer eether. Wun man sed sumthing about that if he cood only make his John good it wood make the rubber. Then a nuther man over in the corner looked at his wach & sed, whoose coming over to heer Pete? and the man who was talking about a gote sed, i aint, i just got up. Then a little man with sandy hair & a big voice (that they called Rukmann) caim in & sed, Whats the matter with you fellows. Doant you no enuff to take yore hat off in the yunyon? Havnt you got sumthing better to do than sit heer all day? & a lot more which i cant remember & doant no how to spell.

Then i went out into the big room agen becaws sum wun was

playing the peeano. It was a little fat man they called Sit with hair cut so that it looked just like the old plush sofa at Grandma's howse. & thair was sum uther men singing. Wun was called Skeet & a nuther wun Bill. They were singing a lovly song about a lady who woar rings on her fingers and bells on her toes.

Then i went into the only uther room in the plase which was filled with a big rownd table & at wun end thair was sum lovely pikchures of a Queen of sum kannibal I-lands. Wun was awful pritty & looked just like a pikchure of Eve that i saw in a book, only i guess the kannibal I-lands was warmer than where Eve lived.

Then Pa caim back & we went down stares to a big room rite under the wuns up stares. Thair was a lady sitting at a desk rite neer the dore as we went in & she frowned so that i thot she was a teecher. But she wasnt becaws it was a lunch plase & i guess she frowned becaws it was so hot in thair. We sat down at a table & Pa sed, My sun, do you want a peese of pie? & i sed, Yes So when the waiter caim Pa ordered sum pie & milk for us. There was a ant in my pie & it made Pa mad.

Pa called the waiter & sed, My man tell yore boss to come heer. Then a nice big fat man caim over with a black mustash & sed, Whats the matter & Pa told him about the ant. Well, he sed, dont get mad about it. You can have wun 2 if you want it.

Then Pa got maddern ever & we went out.

Well my deer, sed Ma to Pa when he caim hoam last nite, did you enjoy yore class dinner? yes, sed Pa it was very nice, sed Pa. Well, Henry, sed Ma, tell me what you had to eet. First, sed Pa, we had sum sort of a semy-likwid served in a cold plate. Then we each had wun (1) kubik inch of fish & a string bean, this was followed by a modest shrinking pees of beef & then dessert. The shef told me how they carved the roast. They first find a cow who is very old & has got to di soon anyhow & then feed her to (2) cans of dinamite. Then they hit her with a hammer & each fellow gets wun (1) pees, sed Pa. What is that all over yore soot, sed Ma. That sed Pa is where the man across the table spilt his beer on me. But it is all on wun side,

sed Ma. Yes, sed Pa, you see my deer sed Pa, there was so many of us that we all had to sit at the table sideways &— But sed Ma, wasnt there any more tables or chairs? Certainly, sed Pa, but my deer sed Pa, i see that you are about to ask a foolish questshun, so dont do it, sed Pa.

* * * * * * * * *

Gee! Yesterday Pa took me up to the gym which is a big barn where there is some athletes and a running trak & some other things. Pa sed he was going to run on the relay teem & so the coch told him to hurry up & get dressed. You meen undressed, sed Pa. You do what i told you sed the coch real mad. He was an awful big man so Pa didnt say enything, but pritty soon he caim out & he looked so funny that everybody laffed at him & that got him mad. The coch told him to jog, or something & he began to jump around & everybody laffed some more. Then Pa sed to the coch whats the matter sed Pa. O sed the coch, get to work & do 27 laps more. Do you think this is a tea party? Stretch vore shanks, not like that, remember that you aint a ostrich. Act like a human being. Stop swinging yore arms like a comanchee keep yore hed up & then he sed a lot more which i dont no how to rite. This got Pa maddern anything & someone asked him if he wanted to fite & he sed it was enuff to make enybody want to fite. Then a little man that they called Billings sed he wood Box with Pa if he wanted 2. He was so little that Pa sed sure. He would teech these kids a few things about the manly art of self defense, sed Pa. Well, they put on sum big gloves & began to fite. Pa walked up as if he would kill the little man & i was afraid he wood, but Pa didnt hit him wuns. The little man just walloped Pa so that he was out of breath in a minut & then he hit Pa a bute on the nose & made his nose bleed & it was so funny that i laffed & that got Pa so mad that he stopped & told me to go to blazes, but i didnt, i went hoam.

* * * * * * * * * *

i see by the paper that you are going to have a show at Tek, sed Ma, Henry my deer, why dont you be a korus girl like in this pikchure i think you wood look awfull cute with wun of those little skirts That is a good idea, sed Pa, i will tell them how i played Hamlett in

the Dramatik club at hoam sed Pa. The next day he took me with him to the trials which was held in the dining room at the yunyon. They was a big crowd of men in there all smoking. There was one little man with lite hair & bloo I's sitting alone in wun corner. He looked awful sad & dreemy with his hed & long hair on wun side. Who is that i sed to Pa. O, sed Pa that aint nowun, that is only the awther, sed Pa. There was a nuther man with a big jaw who was ordering everybody around, & pa sed it was Mr. Clapp the general manager. Pritty soon i saw a bigger cloud of smoke in a nuther corner & i that the room was on fire, but Pa sed no, that that was Mr. Fransis, the coch. Pritty soon, Mr. Francis poked his hed out of the smoke & told the men to get in line. Then Mr. Clapp stopt ordering & everybody got in a long line. Then a man sat at a peeano that was there & each man sang something as he caim to the peeano. The wuns that made the loudest noise was told to stand on wun side & the uthers were on the uther side. Gee! sed Pa i didnt no you had to sing, i that they wanted aktors, sed Pa. Anyway when Pa got to the peeano he tried to sing; but the sound was awful funny & everybody laffed, but Mr. Fransis sed, Good! thats just what i want. We havnt got anywun for the dying chipanzee yet & that is the best immetashun i ever herd. Yore engaged! Then Pa & me went hoam to tell Ma about it.

Gee, maybe sum day i can go to tek & be a aktor!



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LDRED JOHN DAVID MACKENZIE
RN GOULD WALTER DEFRIEZ ALLEN
CHARLES HUDSON SAYRE MERRILL

CLASS DINNER: Held at the Union, December 12, 1909

Toastmaster: Stuart Brown Copeland

Speakers: Professor Talbot, Professor Breed, Professor Hayward [58]

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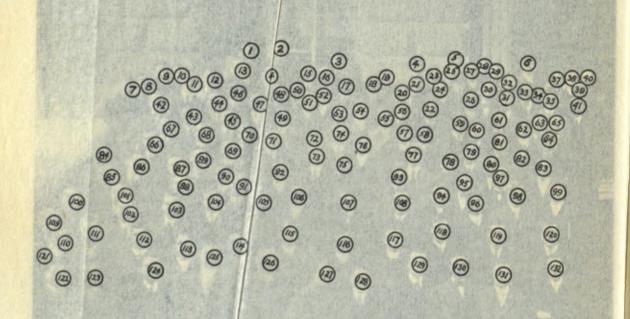
KESTER BARR

BEARDSLEY LAWRENCE

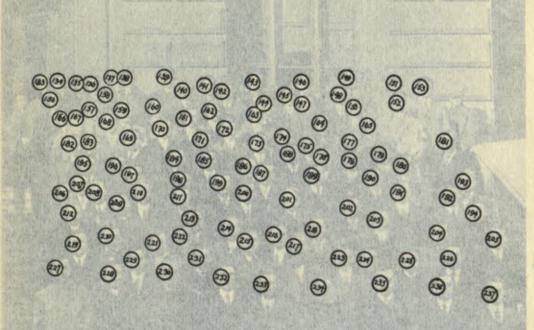
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1911 Class Picture

NUMERICALLY ARRANGED

1 I. Hausman 2 B. Hill 2 B. Hill 3 A. V. de Forest 4 C. F. Hobson 5 F. H. Daniels, Jr. 6 C. A. J. McManus, 2d 6 C. A. J. Mc 7 R. S. Pease 8 P. V. Wells 8 P. V. Wells 9 H. S. Alexander 10 R. D. Huxley 11 G. W. Arnold 12 F. Russell 13 C. A. Schafer C. A. Schafer R. W. Egan C. S. Anderson L. D. Cushman 16 L. D. Cushman
17 J. R. Hugelmann
18 L. J. Harrigan
19 A. C. Metz
20 O. S. Clark
21 G. W. Elder
22 G. G. Richmond
23 T. S. Killion
24 H. W. Waterfall
25 L. Watts
26 R. G. Adams
27 C. F. Humphrey
28 A. Frigon 16 A. Frigon W. G. Rhoades E. W. DeWitt 29 W. G. S.
30 E. W. DeWitt
31 M. J. Lowenberg
32 N. S. Marston
33 S. E. Bates
34 J. R. Bowman
35 W. J. Orchard
37 J. C. Fuller J. C. Fuller J. H. Scoville G. C. George M. Coffin 39 40 L. G. Fitzherbert E. N. Fales E. Kenway 43 J. A. Urquhart 44 J. A. Urquhart
45 H. Fryer
46 H. E. Lake
47 H. W. Van Hovenberg
48 P. A. Ridcout
49 M. E. Comstock
50 F. C. Harrington
51 J. K. Campbell
52 W. N. Flanders
53 S. L. Hayes
54 J. A. Bigelow
55 A. C. Pillsbury
56 S. C. Willis
57 C. B. Smythe
58 E. J. Batty E. J. Batty W. E. Humphreville, Jr. J. L. McAllen 59 60 W. H. Martin A. L. Myers S. Nath E. M. Symmes 63 E. F. Stimpson E. E. Besse F. Osborn, 2d F. Stimpson E. Besse 66 67 F. Osborn, 2d R. E. Vining R. O. Wood W. A. VanSyckel M. S. Dennett W. H. Coburn K. W. Faunce W. D. Foster 68 70 W 71 M 72 W C. Robinson C. West D. Allen R. Hall KWWE

A. W. Yereance H. S. Smith R. M. Barton G. B. Wilkes L. A. Patrick W. B. Hopkins 85 W. B. Hopkins 86 S. Alling 87 P. A. Cushman 88 H. A. Angell 89 R. B. Pulsifer 90 W. W. Warner 91 J. F. Alter 92 C. T. Morey 93 H. Sargent 94 L. Gotcovchen 93 H. Sargent 94 L. Gotcoechea 95 L. R. Golden 96 B. P. Mathur 97 P. D. White 98 R. H. Ranger 98 R. H. Ranger 99 J. D. MacKenzie 100 J. E. Crowley 101 L. G. Odell 102 S. B. Putnam 103 S. A. Francis 104 J. R. Bell 105 P. Kellogg 106 R. T. Haslam 107 R. Mack 108 H. E. Babbitt 109 D. J. Jenkins 101 I. Spector 109 D. J. Jenkins 110 I. Spector 111 W. B. Miller 112 A. C. Clavell 113 S. Bogdasarian 114 A. Shohan 115 N. Duffett 116 G. W. Sheldon 117 F. Fernandez 118 J. Gershberg 119 H. F. Delliger 118 J. Gershberg 119 H. F. Dolliver 120 C. P. Eldred 121 A. N. Herman 122 C. R. Perry 123 D. N. Frazier 124 C. L. Pepper 125 J. F. Duffy 126 O. Hutchins 127 N. Levy 128 C. deLsnda 129 C. H. S. Merril 130 W. C. Salisbury 128 C. deLanda 129 C. H. S. Merrill 130 W. C. Salisbury 131 L. C. Cooley 132 S. B. Copeland 133 H. F. Shaw 134 O. R. Schurig 135 C. R. Johnson 136 W. J. Simonds 137 L. P. Ferris 138 O. D. Powell 139 C. Edwards, Ir 138 O. 139 C. 149 F. Edwards, Jr. 140 F. G. Cooke 141 R. H. Gould 142 A. L. Gardner 143 P. E. Burnham 144 R. E. Morse 143 P. E. Burnham 144 R. E. Morse 145 C. L. Dows 146 E. M. Young 147 R. N. Doble 148 E. M. Suess 149 A. R. Nagle 150 A. B. Appleton 151 W. T. Jones 152 G. W. Bolté 153 A. H. E. Kaufman 156 R. L. Hayward 157 E. Nicholson 158 H. L. Manley 159 F. M. O'Neill

160 F. M. Stibbs 161 S. H. Scribner 162 N. A. Lougee 163 W. K. Hodgman, Jr. 164 M. Omansky 165 C. L. Bartlett 166 I. F. Morrison 167 S. C. Bates 168 W. Y. Stamper, Jr. 169 S. M. Schmidt 170 R. E. Runels 171 H. L. Robinson 172 B. Darrow 170 R. E. Runels
171 H. L. Robinson
172 B. Darrow
173 C. S. Barnes
174 R. A. Holbrook
175 D. P. Allen
176 A. S. DeW. Herreshoff
177 W. B. Denton
178 K. Goto
179 E. H. Blade
180 A. Nimiek
181 N. Weltmer
182 H. M. Davis
183 J. A. Herlihy
184 C. M. Barker
185 S. H. Cornell
186 N. S. Wade
187 I. W. Wilson
188 A. H. Whorf
189 D. P. Gaillard
190 R. E. Zimmerman
191 R. G. MacPherson
192 M. Mackenzie
193 N. DeForest
194 G. S. Watson
195 F. P. Ryder
196 E. A. Schwarz
197 H. R. Snyder
198 J. A. Aaron
199 H. C. Davis Jr. 197 H. R. Snyder 198 J. A. Aaron 199 H. C. Davis, Jr. 200 J. F. Harrington 201 R. H. Lord 202 H. P. Ireland 203 H. S. Lord 204 F. H. Curtis 205 J. O. Greenan 206 R. Emped 205 J. O. Greenan 206 R. Emmel 207 D. J. Smith 208 G. A. Brown 209 R. D. Van Alstine 210 S. H. Hartshorn 211 F. D. Bishop 212 D. H. Tuck 213 A. M. Coleman 214 J. P. Constable 215 F. A. Moore 216 A. W. Underhill, Jr. 217 E. C. Vose 218 T. Polhemus 216 A. 217 E. 218 T. C. Vose Polhemus 219 K. Barr 220 J. B. Pierce, Jr. 221 G. W. True 222 M. B. Brownlee, Jr. 222 M. B. Brownin 223 A. F. Leary 224 J. Waldstein 225 L. Schwartz 226 M. Kushlan 227 O. B. Denison 227 O. B. Denson 228 E. A. Nash 229 M. A. Grossmann 230 A. O. Wilson 231 L. deFlorez 232 O. W. Stewart 233 H. D. Williams 234 K. Greenleaf 235 S. P. Kimball 236 C. P. Kerr

237 D. R. Stevens

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9	Alexander, H. S.
175	Allen, D. P.
77	Allen, W. D.
86	Alling, S.
91	Alter, J. F. Anderson, C. S.
88	Anderson, C. S. Angel, H. A.
150	Appleton, A. B.
11	Appleton, A. B. Arnold, G. W.
108	Arnold, G. W. Babbitt, H. E. Barker, C. M.
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219	Barr, K.
165	Bartlett, C. L.
82	Barton, R. M.
167	Bates, S. C.
33	Bates, S. E.
58	Barres, C. S. Barr, K. Bartlett, C. L. Barton, R. M. Bates, S. C. Bates, S. E. Batty, E. J. Bell, J. R. Besse, E. E.
104	Bell, J. R.
66 54	Besse, E. E. Bigelow, J. A. Bishop, F. D. Blade, E. H.
211	Bishop F D
179	Blade P H
179 113	Bogdasarian, S.
152	Bogdasarian, S. Bolté, G. W. Bolté, G. W. Bowman, J. R. Brown, G. A. Brownlee, M. B., Jr. Burnham, P. E. Campbell, J. K. Clark, O. S. Clavell, A. C. Coburn, W. H. Coffin, M. Coleman, A. M. Comstoek, M. E. Constable, J. P. Cooke, F. G. Cooley, L. C. Copeland, S. B. Cornell, S. H. Crowley, J. E. Curtis, F. H. Cushman, L. D. Cushman, L. D.
34	Bowman, J. R.
208	Brown, G. A.
$\frac{222}{143}$	Brownlee, M. B., Jr.
143	Burnham, P. E.
51	Campbell, J. K.
20	Clark, O. S.
112 72	Clavell, A. C.
72	Coburn, W. H.
40	Coffin, M.
213	Coleman, A. M.
49 214	Comstock, M. E.
140	Cooks F. C.
131	Cooley I C
132	Concland S B
185	Cornell S H
100	Crowley, J. E.
204	Curtis, F. H.
16	Cushman, L. D.
87	Cushman, P. A.
5	Daniels, F. H., Jr.
$\frac{172}{182}$	Darrow, B.
182	Davis, H. M.
199	Davis, H. C., Jr.
231	Curius, F. H. Cushman, L. D. Cushman, P. A. Daniels, F. H., Jr. Darrow, B. Davis, H. M. Davis, H. C., Jr. de Florez, L. de Forest, A. V. DeForest N.
193	de Forest, A. V.
128	de Forest, A. V. DeForest, N. de Landa, C. Denison, O. B. Dennett, M. S. Denton, W. B.
997	Denison O R
71 177	Denison, O. B. Dennett, M. S. Denton, W. B.
177	Dennett, M. S. Denton, W. B. DeWitt, E. W. Doble, R. N.
30	DeWitt, E. W.
147	Doble, R. N.
119	Dolliver, H. F. Dows, C. L. Duffett, N. Duffy, J. F. Edwards C. Je
145	Dows, C. L.
115	Duffett, N.
125	Duffy, J. F. Edwards, C., Jr.
139	Edwards, C., Jr.
14 21	Egan, R. W. Elder, G. W.
120	Elder, G. W. Eldred, C. P.
206	Emmel R
42	Fales E N
42 73 117	Edwards, C., Jr. Egan, R. W. Elder, G. W. Eldred, C. P. Emmel, R. Fales, E. N. Faunce, K. W. Fernandez, F. Ferris, L. P.
117	Fernandez, F.
137	Ferris, L. P.
41	Fitzherbert, L. G.
52	Flanders, W. N.
74	Ferris, L. P. Fitzherbert, L. G. Flanders, W. N. Foster, W. D. Francis, S. A.
103	Francis, S. A.
123	Frazier, D. N.

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28	Frigon, A. Fryer, H. Fuller, J. C.
45	Fryer, H.
37 189	Fuller, J. C. Gaillard, D. P. Gardner, A. L.
142	Gardner, A. L.
39	George, G. C.
118	Gershberg, J.
94	Gotcoechea, L. Golden, L. R.
95 178	Golden, L. R.
141	Goto, K. Gould, R. H.
205	Goto, K. Gould, R. H. Greenan, J. O. Greenleaf, K. Grossmann, M. A.
234	Greenleaf, K.
229	Grossmann, M. A. Haines, T. H. Hall, E. R.
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18	Hall, E. R. Harrigan, L. J. Harrington, F. C. Harrington, J. F. Hartshorn, S. H. Haslam, R. T.
50	Harrington, F. C.
200	Harrington, J. F.
210	Hartshorn, S. H.
106	Haslam, R. T.
53	Hausman, I. Hayes, S. L. Hayes, B. L.
156	Hayward, R. L.
183	Hayward, R. L. Herlihy, J. A.
$\frac{121}{176}$	Herman, A. N.
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2	Hill, B.
163	Hobson, C. F.
174	Holbrook R A
85	Hopkins, W. B.
85	Hugelmann, J. R.
59	Humphreville, W. E., Jr.
27	Humphrey, C. F.
126	Herreshoff, A. S. de W. Hill, B. Hobson, C. F. Hodgman, W. K., Jr. Holbrook, R. A. Hopkins, W. B. Hugelmann, J. R. Humphreville, W. E., Jr. Humphrey, C. F. Hutchins, O. Huxley, R. D.
202	Ireland H P
109	Jenkins, D. J.
135	Huxley, R. D. Ireland, H. P. Jenkins, D. J. Johnson, C. R. Jones, W. T. Kaufman, A. H. E.
151	Jones, W. T.
$\frac{153}{105}$	Kaufman, A. H. E.
43	Kellogg, P. Kenway, E. Kerr, C. P. Killion, T. S. Kimball, S. P.
236	Kerr, C. P.
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235	Kimball, S. P. Kushlan, M. Lake, H. E.
226 46	Kushian, M.
223	Leary A F
127	Leary, A. F. Levy, N. Lord, H. S. Lord, R. H. Lougee, N. A.
203	Lord, H. S.
201	Lord, R. H.
162	Lougee, N. A.
31 60	Lowenberg, M. J. McAllen, J. L.
107	Mack R.
99	MacKenzie, J. D. Mackenzie, M. McManus, C. A. J. MacPherson, R. G.
192	Mackenzie, M.
6	McManus, C. A. J. MacPherson, R. G.
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158 32	Manley, H. L. Marston, N. S.
61	Martin, W. H.
96	Mathur, B. P.
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19	Metz, A. C.
$\frac{111}{215}$	Miller, W. B.
92	Miller, W. B. Moore, F. A. Morey, C. T.
166	Morrison, I. F.
144	Morse, R. E.
62	Myers, A. L. Nagle, A. R.
149	Nagle, A. R.
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63 157	Nath, S. Nicholson, E.
180	Nimick, A.

101	Odell, L. G.
164	Omansky, M.
150	CALAT-CH TO A.F.
159	O'Neill, F. M.
35	Orehard, W. J.
67	Osborn, F., 2d
84	Patrick, L. A.
OF	I Berlek, L. A.
1	Pease, R. S.
124	Pepper, C. L.
122	Perry, C. R.
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220	Pierce, J. B., Jr.
55	Pillsbury, A. C.
218	Polhemus, T.
	Polhemus, T.
138	Powell, O. D.
89	Pulsifer, R. B.
	Dores C D
102	Putnam, S. B. Ranger, R. H.
98	Ranger, R. H.
29	Rhoades, W G.
22	Richmond, G. G. Rideout, P. A. Robinson, H. L.
48	Rideout, P. A.
171	Robinson H I
171 75	Robinson, H. L. Robinson, H. C.
70	Robinson, R. C.
170	Runels, R. E.
12	Russell, F.
	Trussell, F.
195	Russell, F. Ryder, F. P.
130	Salisbury, W. C.
93	Sargent, H.
13	Schafer, C. A.
169	Schmidt, S. M.
134	Colomba O D
	Schurig, O. R.
196	Schwarz, E. A.
225	Sohwasta I
0.00	Scoville, J. H.
38	Scoville, J. H.
161	Scribner, S. H.
133	Show H F
	Scribner, S. H. Shaw, H. F.
116	oneidon, G. W.
114	Shohan, A.
136	Simonds, W. J.
	Children, W. J.
207	Smith, D. J. Smith, H. S. Smythe, C. B.
81	Smith, H. S.
57	Smythe, C. B. Snyder, H. R.
107	Emythe, C. D.
197	Snyder, H. R.
110	Spector, I.
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237	Stevens, D. R.
232	Stewart, O. W.
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	Stibbs, F. M. Stimpson, E. F. Suess, E. M.
65	Stimpson, E. F.
148	Suess, E. M.
64	Symmes, E. M.
	Symmes, E. M.
221	True, G. W.
212	Tuck, D. H.
216	THE SECOND STATE OF THE PARTY OF
44	Underhill, A. W., Jr.
	Underhill, A. W., Jr. Urquhart, J. A.
	Symmes, E. M. True, G. W. Tuek, D. H. Underhill, A. W., Jr. Urquhart, J. A. Van Alstine, R. D.
209	Underhill, A. W., Jr. Urquhart, J. A. Van Alstine, R. D. Van Hovenberg, H. W.
209 47	Van Hovenberg, H. W.
209 47 70	Van Hovenberg, H. W.
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209 47 70 68 217 186 224 90	Van Hovenberg, H. W.
209 47 70 68 217 186 224 90 24 194	Van Hovenberg, H. W.
209 47 70 68 217 186 224 90 24 194 25	Van Hovenberg, H. W. Van Syckel, W. A. Vining, R. E. Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Waterfall, H. W. Watson, G. S. Watts, L. Watts, L. Watts, L. Watts, L. Watts, L. Watts, L. Watts, M. Watts, L. Watts, L. Watts, L. Watts, L. Watts, L. Watts, L. Watts, M. Watts, L.
209 47 70 68 217 186 224 90 24 194 25 8	Van Hovenberg, H. W Van Syckel, W. A Vining, R. E Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Wattson, G. S. Watts, L. Wells, P. V.
209 47 70 68 217 186 224 90 24 194 25 8	Van Hovenberg, H. W Van Syckel, W. A Vining, R. E Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Wattson, G. S. Watts, L. Wells, P. V.
209 47 70 68 217 186 224 90 24 194 25 8	Van Hovenberg, H. W. Van Hovenberg, H. W. Van Syckel, W. A. Vining, R. E. Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Waterfall, H. W. Watson, G. S. Watts, L. Wells, P. V. Weltmer, N.
209 47 70 68 217 186 224 90 24 194 25 8 181 76	Van Hovenberg, H. W. Van Hovenberg, H. W. Van Syckel, W. A. Vining, R. E. Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Waterfall, H. W. Watson, G. S. Watts, L. Wells, P. V. Weltmer, N.
209 47 70 68 217 186 224 90 24 194 25 8 181 76	Van Hovenberg, H. W. Van Hovenberg, H. W. Van Syckel, W. A. Vining, R. E. Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Waterfall, H. W. Watson, G. S. Watts, L. Wells, P. V. Weltmer, N.
209 47 70 68 217 186 224 90 24 194 25 8 181 76 97	Van Hovenberg, H. W. Van Hovenberg, H. W. Van Syckel, W. A. Vining, R. E. Vose, E. C. Wade, N. S. Waldstein, J. Warner, W. W. Waterfall, H. W. Watson, G. S. Watts, L. Wells, P. V. Weltmer, N.
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Track

Walter Defriez Allen
John Arthur Bigelow
Lloyd Cartwright Cooley
Ernest William DeWitt
Frank Clinton Dolke
Calvin Powell Eldred
Richard Hartshorn Gould
George Edward Hodge
Cleon Rupert Johnson
Charles Phillips Kerr
John Lavelle McAllen
William Thomas MacCreadie
John David MacKenzie

LESTER GEORGE METCALF
LEONARD OLCOTT MILLS
IBRAHM FOLLANSBEE MORRISON
SEYMOUR MANSFIELD NILES
NATHAN NEWBERRY PRENTISS
HAROLD LONG ROBINSON
WILLIAM CONYNE SALISBURY
WELLESLEY JOSEPH SELIGMAN
FRANK GRISWOLD SMITH
DONALD READ STEVENS
ROY DANIEL VAN ALSTINE
JOHN BIGELOW WALCOTT
PETER DESMOND WHITE

ROBERT ODIORNE WOOD

Football

ARTHUR KING ADAMS
DONALD CAMPBELL BAKEWELL
MALCOLM BRUCE BROWNLEE
HARRY HARDIN CATCHING
ARTHUR EUGENE COUPAL
GEORGE ALVIN COWEE
LOUIS DE FLOREZ
RALPH NELSON DOBLE
THEODORE PARKER DRESSER, JR.
LEROY GEORGE FITZHERBERT
FREDERICK JAMES EVANS
EDWARD RUSSELL HALL
OTIS HUTCHINS

SCOTT PRESCOTT KIMBALL
CHARLES HUDSON SAYRE MERRILL
LESTER GEORGE METCALF
LAWRENCE GLEASON ODELL
FRANCIS MICHAEL O'NEILL
IRVING RUDOLPH PRAY
JOHN ALBERT PROCTER
JAMES EDWIN RUSH
RUPPERT ERICSON SCHATZ
HUBERT STACY SMITH
SIDNEY PARKER SPALDING
EDWARD DEMMING VAN TASSEL, JR.
HOWARD DAVID WILLIAMS

Basket Ball

CHARLES HENRY HARRINGTON GEORGE EDWARD LIVINGSTON ROY GAY MACPHERSON [64]

RUPPERT ERICSON SCHATZ DONALD READ STEVENS HOWARD DAVID WILLIAMS

1911 Mearers of Institute Insignia

Wearers of ATA

WALTER DEFRIEZ ALLEN
CALVIN POWELL ELDRED
RICHARD HARTSHORN GOULD
WILLIAM THOMAS MACCREADIE

JOHN DAVID MACKENZIE LEONARD OLCOTT MILLS WILLIAM CONYNE SALISBURY WELLESLEY JOSEPH SELIGMAN

PETER DESMOND WHITE

Wearers of cTc

CALVIN POWELL ELDRED WILLIAM THOMAS MACCREADIE ROY DANIEL VAN ALSTINE PETER DESMOND WHITE

ERNEST WILLIAM DEWITT

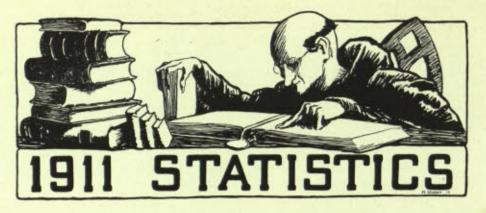
Wearers of HTT RICHARD HARTSHORN GOULD THEODORUS POLHEMUS

Wearer of BTB
Theodore Bissell Parker

Wearers of the T

WALTER DEFRIEZ ALLEN
WILLIAM THOMAS MACCREADIE
LEONARD OLCOTT MILLS

WILLIAM CONYNE SALISBURY WELLESLEY JOSEPH SELIGMAN PETER DESMOND WHITE



Whom in 1911 do you consider the most popular?

Bill Salisbury leads the bunch, with Zeke Williams and Ted Parker scrapping hard for second honors.

The most appreciated?

Bill again takes first place. Stew Copeland and Ken Faunce followed in the order named. Some deep-thinking member of the Class said: "Statisticians. Might as well say so: they will say it anyway."

The least appreciated?

Dick Ranger, with his untiring efforts to issue *The Tech* as a daily, easily came to the front. Kes Barr and Harry Catching were tied for second honors, so we will have to present each with a lemon.

The best-natured?

'Tis said: "Oh, hell! Nobody loves a fat man." But it takes an exception to prove every rule, and Fat Perry wins in a roll, closely followed by Pete White. Zeke Williams comes third. Those who know best, however, claim, "Doble, Esq.,—till the bar closes."

The grouchiest?

The truth of that statement about fat men is demonstrated when Buster Barr led Catching and Babbitt to the tape in this race.

The best dressed?

Verily, verily, Solomon in all his glory was not arrayed like one of these. Scott Putnam easily draws the largest number of votes. Copeland from the Wooly West and De Forest from the Sunny South respectfully follow in Scott's steps. Some wit (?), noticing a nice-

looking suit one day, said, "Our friend, the Rev. Obadiah Denison, since the fire sale."

The most useful?

Though the least appreciated, Dick Ranger proves to be the most useful, with our editor-in-chief, Don Stevens, and our athletic editor, Elsie Cooley, hot-footing it after him.

The most useless?

What's the trouble, Catching, is it the hook-worm? For the other places, we must call to mind "Nancy Hanks'" assertion that most nominees' names on a ballot are near the top of the alphabet, so Barr and Barton have the call.

The handsomest?

We love our Larry Odell, our Hank Smith, our Dick Gould, and our Aurora Borealis Grossman, but (as some one said), "Oh, you P. D. White!"

The homeliest?

Bishop won from Waldstein the fourth round.

The best athlete?

Ted Parker and Bill Salisbury are neck and neck, and can't seem to stretch another inch. Pete White, for once in his life, is an "also ran."

The worst athlete?

Perhaps you didn't know that Frankie Bishop has been seen on an athletic field, but he and Selly Seligman are strong competitors, with Perry bounding along in the near background.

The nerviest?

Although Barton can't seem to get to classes on time, he showed up first for once and had his picture taken. "'Monk' de Florez, by the shades of D. C. McMurtrie," gets second place, and "Selly" is credited with a third.

The windiest?

If you are ever becalmed when out sailing, just "C. Q. D." for Liz Cooley, and you'll get the desired wind. Barton is but a breeze, while Selly is only a zephyr. The most ladylike?

The Misses Clarissa Kerr, Katherine Faunce, and Susan Putnam, of the Dressmakers' Union, will be at home from 4 to 6, Mondays. Loie Fuller (alias Joe) was too anxious to receive a vote to let him go without an honorable mention.

The most saintly?

Father Kerr, Rev. Dr. Ranger, and Bishop Eldred will hold a revival June 10. (Think of these men when you get your report.)

The most apt to succeed?

The class cast a tie vote for Don Stevens and Bill Warner. Copeland, Salisbury, and I. W. Wilson also get their share of the money. One man claims (perhaps with reason) that the members of the pipe committee will give these fellows a close rub.

The least apt to succeed?

His Highness Catching seems to be the only entry.

The biggest smokestack?

Ken Greenleaf is the "Big Smoke," with H. S. Lord puffing behind. A couple of answers were: "Seligman when in training"; and "The whole class reminds me of Pittsburg."

The most notorious?

Again Catching leads the field (Harry is getting lots of business), with the Statisticians and "Fat Perry or some other Course III roughneck" after the other places.

The worst fusser?

Hopelessly Daffy Williams barely leads Windy City Salisbury in an exciting contest. Soul's Affinity Francis is a close third. Heart's Content Davis is pretty good, though, "he even brings his girl to Physics lecture!"

The class goat?

Bishop butts in first with Pop Hufsmith and Pete White following. The gem of the collection is: "1910 got our goat the first year and 1912 the next, so now we have no goat except Hufsmith." What is your favorite study?

Math, Steam, Applied, and International Law run such a close race that we can't decide, although some enjoy studying "the idiosyncrasies of Charlie Cross' collar-button, so to speak."

Your favorite store?

We are afraid that the men were prejudiced in this vote, as Andy Mac wins in a walk (his girls are good lookers, you know). One man "isn't particular as long as the three ball sign is there."

Your favorite saloon?

Charlie Wirth's and Metcalf's run a close race, but Charlie wins by a draught. The Chapel, on account of its proximity, is a poor third (probably because it is too conspicuous, to Miss Eaton). "I don't want to put a crimp in nobody's character, but a man that goes into one of them stores ain't my idee of a gentleman."

Your favorite amusement?

Most of the class prefer the bald-headed row, although a good percentage like to see "her" alone.

Your favorite drink?

How afraid most of us are to admit our preferences! Water and milk win out, with beer a poor third. Some one who claims to know says, "Ranger likes malted milk." Another, "C₂H₅OH, 100% pure and artificially colored."

Your favorite sport?

Tennis is our favorite pastime. Skating and track come next, with "bothering Pete White" and "watching the Profs. with green bags trying to look like real men" receiving honorable mention.

Your favorite college for men (Tech excluded)?

Yale is where most of us would go if Tech hadn't been on the map. Harvard and Cornell would have taken several.

Your favorite college for women (Tech excluded)?

As usual, Wellesley leads the list, with Smith second. Too bad, Zeke, Vassar only gets third!

What is the first name of your girl?

Louise has all others lashed to the rail.* Mary and Elizabeth

^{*}Editor's Note.—Bill Salisbury fudged this answer.

are second and third respectively. Other celebrities are: Cuddle-closercatherine, Daphne, Arethusa, Oleomargarine, Cytherea, Euphronia, Hexamethylpararosaniline, Esmeraldinita. One "doesn't remain constant, and therefore cannot be determined because she never approaches a limit."

What was your object in coming to Tech?

Two answers were: "I answered that in Freshman English"; and "So that I could get into a position where no one could take my dinner away from me, and I could look every man in the face and tell him to go to h—l."

How often do you write home?

t = \int \int \text{June, 1} \\ f \text{ (tuition, Co-op, Mac, grub, bed) d\\$} \\
\text{October, 2}

How much do you spend a year?

The average was \$759.2337. One man offers \$1200 \pm \$10 (reduced to sea level).

Which is the more interesting, The Tech or Technique?

Tech(nique).

Do you believe in suffragettes?

NO!!!! A wit says, "After a careful search I have found one I believe in," while an undesirable citizen, probably not of age, concedes, "Aw! Let 'em vote."

What is the rashest thing you ever did at Tech?

"Voluntarily took Mechanism with Walter Humphreys after he had kicked me out of his office." "Tried to raise an L to a P and got an F." "Lit a hydrogen generator without testing it."

Who is the best Professor?

We take our hats off to Profs. Hayward, Talbot, and Fuller. We must not forget, however, "The one who gives us all of himself,—Dr. Noyes."

The easiest?

"Mile-a-minute" Currier wins again. Bennie Carter and Major Wheeler follow. A good many agree that "he died before I entered Tech," and one man says, "I thought Bennie Carter was till he flunked me."

The most popular in the class-room?

We all swear by Prof. Hayward, but we don't lose sight of Doc Talbot and Prof. Miller. Evidently we don't agree with the man who said, "None, I prefer them *out* entirely."

The most popular out of the class-room?

Here Doc Talbot moves up a place to first, with the Dean and Prof. Breed tied for second. That same man says he likes "all of them out."

The hardest?

The mathematicians have a corner on this election. Prof. Bailey, "of the firm of Woods and Bailey," leads, with Prof. George second, and Prof. Passano third.

The grouchiest?

Prof. Passano takes first in this one. Arlo Bates, "the man who always has a chip on his shoulder," is second, and Prof. George trails behind.

The handsomest?

A man who teaches Polly Con always smiles, and a man who always smiles is always good-looking, so by this simple deduction Profs. Dewey and Doten are our Gibson Boys. Profs. Porter and Park have their admirers. One claims that "they don't come in that brand."

The homeliest?

Getty wins, but Charlie Adams enters a protest.

The best lecturer?

We would all rather be sung to sleep by Prof. Talbot than by anybody else. Profs. Jaggar and Dewey administer the dope very wel, however. One man hit the nail on the head, and wrote, "Percy Lowell,—he comes once every five years."

The windiest?

Nancy Hanks is first, but he certainly is hard pressed by Pa Allen. Prof. Doten is a poor third. However, "Boston's east wind is nothing as compared with Tyler in Math."

The Great Musical Renne of the Season

"Follies of 1911"

In Two Acts and Thirteen Scenes

ACT I

Scene 1. Court of Venus

INTRODUCING

	WINNIE HUMPHREYS
	Josie Blachstein
Mercury	
Apollo	
	Grossman, Sophie Bogdasarian, d Rosa MacPherson.*

Scene 2. Lobby of the Technology Opera House, Trinity Place

INTRODUCING

Orful Bilious Denison as Oscar Havastein, Robert Oriole Wood as Getta Bananna, Wellesley Joyful Seligman as Cascaretta,

AND

Tetrazinni, WILLIAM CONGAME SALISBURY

Mme. Tetrazinni will render her world-famous sonata, "Hearts and Flowers":—

The flowers that bloom in the Spring, twa, la,
Have nothing to do with the case!
I've got to take under me wing, twa, la,
Pol Economy, Math, and every old thing,
In this horrible, dreadful place.
And, if you want a piece of my mind,
It's more fun to fuss Dolly than stay home and grind.
And that's what I mean when I say or I sing,
Oh, BOTHER the flowers that bloom in the Spring!

^{*} The management regrets to announce that this scene which met with such overwhelming approval in our recent six hundred night run in New York has been forbidden here by order of Messrs. de Florez and Kimball of the Technology Watch and Ward Society.

Scene 3. Havastein's Office, Tech Opera House

INTRODUCING

AND LAST AND LEAST

Hattie Williams will render "Mad Opera Grand," a poem of passion in words of one syllable:—

"Hello, how do you do?

I am here, you did

Not send for me, but I am

Here!

What do you want, what do, what do you want?

Well, let 'er come then. Get to him, old horse! Soak

'Im in the eye! Well, well, well, let's get at 'em. Come

On now. He's swinging like a beer sign. You're out!

What's that, what's

That you said? He's safe?

O Hell (high C),
O Hell (high G),
O Hell—(sustained overtone—high Z)—o,
People!

Scene 4. Millionaire's Ward. Charles Street Jail

INTRODUCING

EATS 'EM ALIVE NASH, SWELLTHE BALANCE COPELAND, MONOPOLY COFFIN, and Pull Allthecoin Cushman, the Harmony Quartette in their latest ditty, "Come On In, Boys, the Water's Fine!"

Four slick men from Tech are we, Sly as Tech men well can be, Filled to the brim with fiendish glee, Four crafty men from Tech. One got the coin in freshman year, Taught all the rest of us how to be queer, Now as convicts we appear, Four artful men from Tech.

Scene 5. In Sunny Spain

Care Phree Kerr, assisted by a trained corps of experts in the latest Spanish Rag song and dance, "Whistle that Spandango Rag," based on Lanza's original Italian Wriggle.

Scene 6. Burlesque on Hypnotism

INTRODUCING

See the greatest stunts of the hour. He puts you to sleep! Makes you sing like a Mournful Whing Whang Doodle, or dance like a Chinese Wooglebug at will.

Soapine does it!

Scene 7. Technology Polo Grounds

INTRODUCING

Messer. Three Bagger Parker, Cut Loose Hufsmith, and Phire Horse Pearson in a skit on baseball.

(Note.—Gentlemen will oblige the management by refraining from throwing the balls furnished onto the stage other than in this scene, in which they are cordially invited to participate. Balls used are furnished by Charlie Wirth.)

The scene will be concluded with the screaming success, "Baseballitis," by the trio.

(Tune, "My Dreams of U. S. A.")

I saw Pearson give a base on balls, I saw Yereance muff a fly, I saw Larry Odell strike out six times, Zeke Williams got hit in the eye. I saw Tonny Parker heave the ball through the fence, Pop Hufsmith made errors seven, And they fought like dogs to win a game For the glory of nineteen eleven!

I saw Dan O'Neill give the game away,
I saw Stevens make a little pop fly,
I saw Metcalf let the ball through his legs,
Johnny Glaze went up in the sky.
I saw Harrington out on a slide to first,
McLaughlin lost the ball in the grass,
And they fought like dogs to win a game
For the glory of the Sophomore Class.

ACT II

Scene 1. Maclachlan's Emporium-Music Department

Some of the popular song hits of 1911—Principals and Chorus.

"The Conspirators"

NIFTY DEFOREST, FADE AWAY MOORE, and ILL WIND WILSON

Three conspirators dark are we, We handle the mon for a big activitee, We stick all the studes with the greatest of glee, For the Tech, Technique, Tech Show, tee hee, Tee, Hee, Hee.

"Hooray for the W. C. T. U."

SADIE PRETZELS KIMBALL and HARRY HICCOUGH CATCHING

We're coming, we're coming, this brave little band. On the right side of temp'rance we now take our stand. We don't use tobacco because we do think That those who do use it are most apt to drink.

Chorus—Down with King Alcohol, Ah—ah—ah—men! Oh, I'm the power behind the throne
That keeps Technology rolling on.
I run the Institute, run the class,
I made the Tech a daily at last.
I scatter the scandal and spread the news,
If anything's wrong, I offer my views.
If it weren't for me, I fail to see
How Tech'ld exist concordantlee.

Scene 2. The Bathing Girls

INTRODUCING

Miss Carrie Hard Syder Merrill as the Brinkley Bathing Girl, Miss Red Hot Gould as the Gibson Bathing Girl,

AND

Miss Gertie Billiken Wilkes as the Kellerman Bathing Girl

IN THEIR WONDERFUL TABLEAUX

Assisted by Georgianna Cowee, Susie Putnam, Josie Fuller, Daisy Gaillard, Lizzie Cooley, and Hazel Waterfall.

(Note.—The curtain will remain up only twenty seconds for each tableau, as Miss Wilkes is but lightly attired, and the management fears that she might take cold. As her figure is a valuable asset to the company, the management wishes to take no chances.)

Scene 3. The Children's Nursery

INTRODUCING

LAWRENCE GLEEFUL ODELL and EVER READY HALL in

"I wish I were A class offi-cer."

Scene 4. The North Pole

Mr. Peaceful Dreams White as Dr. Cook, a gentleman of mature dignity, in his Irish Coon Song, "The World Keeps Rolling On":—

You've heard of Peter Desmond, and you've heard of Dr. Cook; One is the goat for all the world, the other for this book. The Doctor tried to throw the con, but ere long got the hook, But old Pete is still a-smiling while his classmates he's beguiling.

Chorus—Oh, the pole is found,

Joyful is the sound

As they scrap and they squabble pro and con,

mostly con.

Says Pete, "Take it from me,

Just preserve your dignitee,

While the world keeps rolling on."

You hear about the Union fire, and read with blinking eyes Of Kenney's eating thirty eggs to win a little prize. How Glazier pantless came through town we hardly can surmise For the very simple reason that the style is out of season!

Chorus—Oh, the pole is found,

Joyful is the sound

As they scrap and they squabble pro and con,

mostly con.

It's the T. P. A., you see,

That boosts Technologee,

While the world keeps rolling on.

Scene 5. African Jungle

INTRODUCING

Assisted by Lions—Wild Thirst MacCreadie, Something Awful Francis; Tigers—Oberlin Shirtless Clark, Chews Fearful Hobson; Ape—Erastus Suzuki; Ostrich—Just Lovely McAllen; Elephants—

AFTER VICTIMS DEFOREST, CRUELLY RAPACIOUS JOHNSON; GIRAFE—HAIL COLUMBIA DAVIS, Jr.; Whiffempoof—E. CRAWFISH VOSE; T. Rosenfeldt, a mighty hunter—Kept Wild Faunce. Kirmet—Terrible Habits Haines.

This scene is concluded by a fight to the death with the ferocious Whiffempoof, and Mr. Rosenfeldt is seen at his best as he rescues the Jungle Queen from dripping jaws.

Scene 6. Tanguay Hits

Fretful Daisy Bishop as Eva Tanguay in her great song hit, "I Don't Care"

They say I'm crazy, got no sense,
But I don't care!
They may or may not mean offence,
But I don't care!
Their feeble slights do but amuse me,
Let their puny brains abuse me,
At getting Cs they cannot lose me,
That's why I don't care.

Chorus—I don't care, I don't care!

If they want to fling mud.

I'm feeling so jolly, I don't mind their folly,

So let them chew the cud!

I don't care, I don't care,

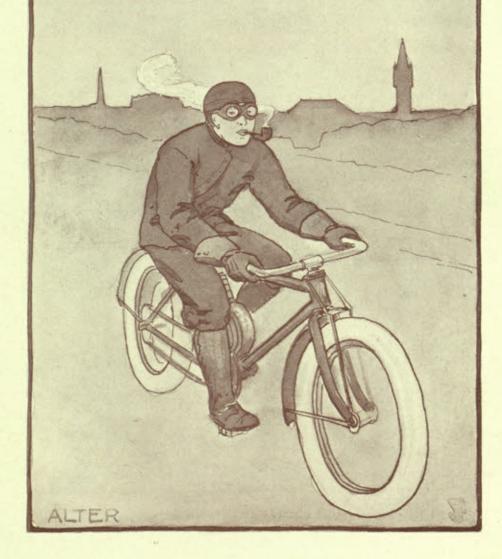
If people do not try to treat me fair.

If they want to shirk while I stay in and work,

Why, I don't care!

Miss Bishop will positively not respond to curtain or cat calls.

SOPHOMORE



Class of Nineteen Hundred and Twelve

President
Archibald Eicher

Vice-President
HENRY DONALD KEMP

Secretary
Seth Heness Seelye

Treasurer
Charles Hamlin Carpenter

Institute Committee: Herbert William Hall, David Fry Benbow

Executive Committee: John Lincoln Barry, Harold Robert Leslie Fox



Fox Eicher

HALL

CARPENTER

REMP BENBOW

BARRY

SEELYE

Athletic Association

ARTHUR THOMAS BENNIS PHILIP WHITE DALRYMPLE

HARVEY SMITH BENSON ERWIN HASKELL SCHELL

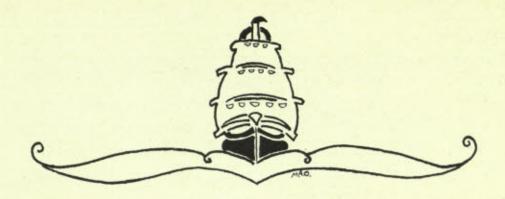
HAROLD GEORGE WATKINS

CLASS DINNER: Held at the Union, October 22, 1909

Toastmaster: Archibald Eicher

Speakers: Dr. Noyes, Dean Burton, Professor Sedgwick, Major Wheeler, Mr. Blachstein

[80]



The Log of ye Goode Shippe 1912

Sailing between ye ports of ye Prep School & ye Class Day Exercises, touching at ye ports of ye Tech Union & ye Gaiety Theatre, also numerous & divers parts of ye waters in ye vicinity of Washington, Boyleston and Tremont Straits.

Equipment, viz:-

Hot aire engine, 400 freshman power

De Officers

Pe Iournal

1908	•
September 28	Weighed anchor, ye foote of Roger's steps. Slow passage downe ye corridor to cage to receive ye clearance papers.
	Bound for Class Day Exercises, 1912.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
September 29	Progress downe ye corridor very slow. Have halfe dayes journey before getting ye clearance papers & dropping ye pilotte, Walter Humphries.
	photte, waiter muliplines.
September 30 to	At ye anchorage. Lading with supplies. Assistant steward, All Freshmen, informed me this daye that he believes that
October 5	he was done on his purchases. He expressed ye opinion that
	all green stewards are liable to this predicament. There
	is much dissatisfaction among ye crew. They claim that ye
	outfitters saw them advancing.
2777277000	o lil bir lab la co
October 6	On ye high seas. Position viz:—latitude, Boyleston Strait; longitude, between ye Berkley Point & ye Clarendon Canal. Encountered a privateer bearing banner of ye skull & cross bones. They opened fyre upon us. We answered. Battle
	waged. Captured five of their crew including Ye Captaine
	William Salisbury whom we made address ye assembled crew
	in night shirt. Later, for punishment, we put him back on
	his owne vessel.
October 9	Dead calm. Heavy fogge. Fogge-horn blown continually
October 5	by Engineer Tuller. Card parties indulged in by cabin passengers to relieve ye monotonie.
	Passengers to reneve ye monotonic
October 13	J. I. Murray absented himself from Chaplain Robinson's
Sunday	Sunday class in ye English Bible. Put in irons.
AND CONTROL	1
November 5	Nearing ye end of ye first five weekes of sailing. Cloudy skies. Bad weather coming. Privateer 1911, in sight

Ve Journal

1908

astern. Gaining upon us. Swords & cutlasses dealt out to each man. Deck's cleared for action.

November 6

Brite & faire. Everyone appears calm. Something is going to happen. Enemy close at hande. We were prepared to battle last night, but enemy kept away.

same 2:15 p.m.

Position viz:—longitude, Tech Field; latitude, Pond Avenue. Enemy close at hande. They attempted to board us by throwing a cable across our bows & lashing alongsides. Our Huskies got hold of one end, & after several minutes of hard work succeeded in getting ve cable away. This was followed by halfe an hour of hand to hand scrimmage without either side gaining advantage. They succeeded in throwing another cable over our side, but we easily got it away. At this point in ye battle, twelve of our men deserted us & put off in a small boat with coxswain, Kanaly. They were immediately followed by twelve of ye enemy who made short work of them. Enraged, we threw ourselves upon our foe & we fought man to man for another half houre. At this time, Eicher, our gun-pointer, succeeded in getting a shot between their masts & blew them to pieces. 1912 carried ve dave.

same 8 p.m. Much rejoicing aboard. Celebration of victory arouses ye enthusiasm of ye deadest of our crew. Committee arranges for a pageant to be held in ye Colonial Saloon. Entitled, "Ye Kiss of Ye Soule." We take to our berths soon after for much needed reste.

November 6

Among ye confiscated cargoe of enemey's shippe was several cartons of briar pipes. These were highly prized & desired by ye crew & were distributed to each man as tokens of ye victory.

Ve Journal

1909

January 20

.

Shippe docked for ten dayes. Many of ye passengers & crew are leaving us owing to sickness and roughness of ye voyage and other causes. Sad partings.

February 2

Clearing papers fixed. Shippe resumed voyage.

May 29

Have had a longe uneventful voyage to Finales. Crew & all aboarde have made ye dayes pass quickly with games & pageants among which were Ye Junior Prom & Ye Pill Grimm. We sailed into dry docke this daye for repairs, & expect to be docked until some time in September prox.

* * *

September 27 Sailed into Boston Harbor earlie this morning. Docked at nine of ye clocke. Immediately filed papers for a fifteen weeks cruise. 1st officer Moore was retired & his place was taken by Captain Kemp. We were not surprised to learn that ye gun-pointer, Eicher, had been appointed to a captaincy & had been given command of ye shippe.

September 28 Set sail. Bound for Mid Years, touching at all intermediate (re)Ports. Weather: fair, but indications of a storm coming.

September 29 to October 1 Clear sailing. Weather: cloudy. Noticed at roll call that our crew & passenger list is much smaller than on first voyage. This is probably due to ye roughness of ye voyage & ye fact that most of ye men were unused to ye hardships of travel. Our esteemed companie has purchased a new vessel called ye "1913." We were fortunate in disposing of our old fittings (i.e. old rigging, spars & navigating instruments) to their stewards. We are satisfied that we obtained a goode price for them.

Je Journal

1909 October 2

Sighted a strange shippe this morning while off Wirth's Reefe. She exhibited hostile manœuvres. On drawing closer learned that she was ye new vessel 1913 which had turned privateer,

Noon

Made an assault upon ye foe. Captured their captain William Norman Holmes, esq. In ye earlie evening, we made another attack while ye crew was at mess, but were repulsed with ye loss of four men to wit,—Baxter, Busby, Œttinger, & ye purser, Charles Hamlin Carpenter, esq. We immediately formed a rescue partie, which not onlie succeded in getting back our owne men, but captured also three of their cutthroates. These last we made to walk ye planke. One, by name called Chic Guild, was exceeding surlie & cursed us so roundly even while walking to his death, that I saw our goode chaplain cross himself in fear.

October 22

An annoying & inexplicable thinge has come upon us. At mess this evening, our former 1st Officer, ye Edmund Burke Moore, was not to be founde & although ye most dilligente search was made, nothinge could be learned. Grave fears are being held for him, & suspicion rests upon ye enemy, 1913. Although they have not been sighted, ye dog watch reports that strange growls were heard last nighte.

October 23 to November 4 Clear sailing for a monthe. Vessel in pursuit sighted this P.M. Lookout reports her to be our foe, 1913. They are crowding on all sail & making every effort to overtake us. No attack up to mid-nighte.

November 5 4 P.M. Enemy close at hand. Expect attack at any moment. They attacked at 2:15 p.m. Battle close & hotte. We easily vanquished their light blockade runners, but they were suc-

Ve Journal

November 5 4 P.M. cessful with ye old cable trick, & after lashing themselves firmly alongsides they boarded us in numbers. At first ye gods of war favored us; but gradually, they gained ye advantage, & ye daye ended disastrously for our men.

later

Another strange thinge has occurred. These vandals, it seemes, are not so bloodthirstie as would be reasonably supposed. They gave us quarter even before we asked it, saying that they onlie desired our cargo which consisted mainly of BBB pipes & Reputation. After transfering these commodities to their owne vessel, they left us free to depart even seeming quite friendlie. While getting under way we witnessed that startling phenomenon known among students of ye stars as "Ye Comely Co-ed." It appeared about 8 belles & lasted till about 5 belles. Both shippes viewed ye spectacle, all hatred passing into awe.

November 6 to January 22

Had excellent weather for ye rest of ye trip. Goode progress made, & expect to clear Mid Years this weeke.

January 23

Mid Years sighted. Dangerous navigating. Shoals, reefes, & rocks numerous. Had narrow escape from Physics Reefe this morning.

January 29

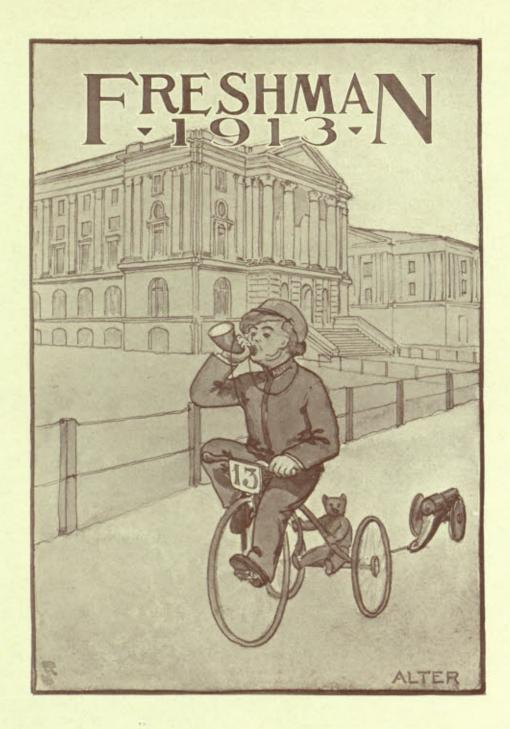
Arrived at port. Docked for ten dayes.

February 8

Cleared once more for Finales. Expect to make it with goode weather & favourable winds in fifteen weeks. Sailing with short crew. Both officers & able seamen very hard to find. Almost no cabin passengers, & very little traffic.

February 9

Clear sailing. Vessel beginning to show ye effect of hard usage, but every effort is being made to hold to-gether until Finales is reached, where we can dry-dock for ye summer.



Class of Nineteen Hundred and Thirteen

President
WILLIAM NORMAN HOLMES

Vice-President
George Rodney Wallace, Jr.

Secretary Samuel Knight Treasurer
Harold Snell Birchard

Clerk William Guild

Institute Committee: HARRY DEXTER PECK, HARRY EPHRAIM PRENTICE Executive Committee: ROBERT BRADLEY NICHOLS, THOMAS EDWARD SENIOR



PECK

WALLACE

GUILD

PRENTICE HOLMES BIRCHARD

NICHOLS KNIGHT

SENIOR

Athletic Association

Daniel Frederick Conlon, Jr. Robert Stein Gans PHILIP MORSE HAMILTON HALSEY BOARDMAN HORNER

HENRY FERDINAND MERRILL, 2D

CLASS DINNER: Held at the Crawford House, December 16, 1909

Toastmaster: WILLIAM NORMAN HOLMES

Speakers: Dean Burton, Mr. Carb, Professor Talbot, Bursar Rand [88]

Freshman Nespers*

Berbice Prelude

Humphreys

Rendered while serving registration material upon 1913.

Processional

While the Institute's official organ pours forth the strains of "You can Help Make The Tech a Daily," a procession of sophomores marches upon the freshmen with old books, drawing materials, and drill suits that "were new last year."

Invocation: "Revenge is Sweet"

1911

Twelve did us, go thou also and do Twelve.

Mynn 23: "We are Happy"

1913

Serbice Anthem: Recitative and Chorus from the first 1913 Dinner

Recitative

There were freshmen abiding in the Union, feeding their faces by night. And, lo! the Angel of 1912 came upon them, and the glory of 1912 shone round about them, and great cards came in the windows, on which were inscribed the words, "Prepare to meet thy fate," and they were sore afraid.

And the Angel said unto them, "Fear not, for, behold, I bring you good tidings of great joy which shall be to all people; for we have your President safely canned in Salem."

And suddenly there was with the Angel a multitude of the heavenly host, raising up their voices and saying:

Chorus

"OH, you Thirteen, JUST come outside!
Oh, YOU Thirteen, just COME outside!
Oh, you THIRTEEN, just come OUTSIDE!"

^{*} Editor's Note.—A freshman's attempt to write a history after spending a lively afternoon calling at Wellesley and taking in a Xmas Vesper Service.

Isalm 1913 (Gloria Mac)

Maclachlan is my shepherd; I always want.

He maketh me to lie awake nights; he draineth my purse.

He leadeth me in the ways of extravagance for his income's sake.

Yea, though I walk through the store like a shadow in distress, I will fear no evil; for many are with me.

He prepareth my bill for me in the presence of my classmates; my purse runneth empty. Surely, this hoodoo shall follow me all the days of my course, though I should remain at the 'Stute for five or six years.

Scripture Lesson

There came to the Union one day a delegation from the Colonial, led by the sophomore theatre committee. And the Union was besieged by a multitude crying, "Hooray for the Chore-us." And Nineteen Twelve's bunch of sports entered with posies in their buttonholes, smiles on their faces, and fair ladies on their arms. They sat them down at the big, round table, and the theatre comm. said, "What will you that we prepare for you to eat?" And the Chorus, looking at the tabular view, said, "Aw, come across with some filly de sole." And when they were full, they joined a merry throng journeying toward Brookline.

There was in the procession one monstrous buzz-wagon, wherein the disciples of the Tech Show made their pilgrimage. And around the scoot-cart ran a streamer, whereon appeared in three-foot letters the inscription, "Anna Held has Nothing on Us."

And, finally, they came to a field of battle, whereon were gathered men from all parts of the kingdom, yea, even from the limits of Somerville.

And the multitude split in two factions: one cried, "M. I. T. 'rah! 'rah! 'rah! '13, '13, '13!" and the other answered, scoffing, "M. U. T. hah! hah! hah! '12, '12, '12!" And they prepared for a great battle.

But the battle was with Thirteen, and the scoffers were damned.

Chair: "When upon the Field of Battle"

Near-Latin

Nineteen Thirteen dido Twelvum,
Pulled them off their feetibus.
Et in football bellum
Nineteen Twelve got beatibus.
Grewsome Eichorn, Collered Goffo,
Won the football gamium;
Venus Birchard on the ropo
Made the tug a shamium.
Nineteen Twelvus did excellens
Freshmen in the runnia,
That came out though just as wellens,
Finis—Thirteen wonnia!

Organ: "The March of the Freshmen"

(The rising and falling of the melody represents the winding of the freshmen back and forth across Copley Square; the sustained note represents the persistent ringing of trolley gongs by raving motormen; and the grand finale is an attempt to imitate the wild, rousing cheer of victory that Thirteen sent up from Rogers steps.)

Choir: "The Fair Co-ed"

A show has come to Boston Town,
"The Fair Co-ed" has wide renown,
All Tech will ring the curtain down,
"'Rah! 'rah! 'rah! 'rah! Elsie."

The freshmen send up toy balloons, Up among the painted moons, And they yell like wild baboons, "'Rah! 'rah! 'rah! 'rah! Elsie!'

Janis

When Elsie Janis came in view,
The audience excited grew,
And each one said, "Ah! me for you!
'Rah! 'rah! 'rah! 'rah! Elsie."

To Tech men she became most dear. The show is o'er, but still the cheer Rings out upon the midnight clear, "'Rah! 'rah! 'rah! 'rah! Elsie!"

Prayer

O Lord above, look down on poor little 1913, which has to drill every Wednesday from two to four. Forgive us our uncreased and holy trousers, our crooked hats and heads, our speckled collars and soiled gloves. Forgive us for trespassing on the heels of the man ahead: it is but a harmless diversion to help alleviate our suffering. We beseech special forgiveness for our fat brothers who cannot line up front and back at the same time. Be watchful over our officers: they are poor, misguided souls. Especially does the Sergeant-major need grace, for it is only by the merest chance that he hangs together. And, above all, grant that our youthful, well-rounded forms be not disfigured by those horrid, old-fashioned belts. Amen.

Trumpet Soln: "We will Feed in Style"

Freshmen

Mymu: "We Hope you Choke"

Classes holding feeds before you
Thought the Union good enough.
We don't see why you don't eat there,
Even though the fare be tough.

Breast of lamb and spuds de terre, Sausages and mashed potatoes, Macaroni, Hamburg steak, Lima beans or stewed tomatoes.

Upper Classmen

Doesn't this here schedule suit you?

Have some fried fillet de sole.

Chocolate pie is something luscious,

Doughnuts with a good-sized hole.

When we've thus set forth the items
That the Union bill contains,
Going to the Crawford shows us
That you have more coin than brains.

Recessional: "Plug, O ye Freshmen"

Exams

All classes shall serve THEM,

And there shall come forth from THEIR PRESENCE

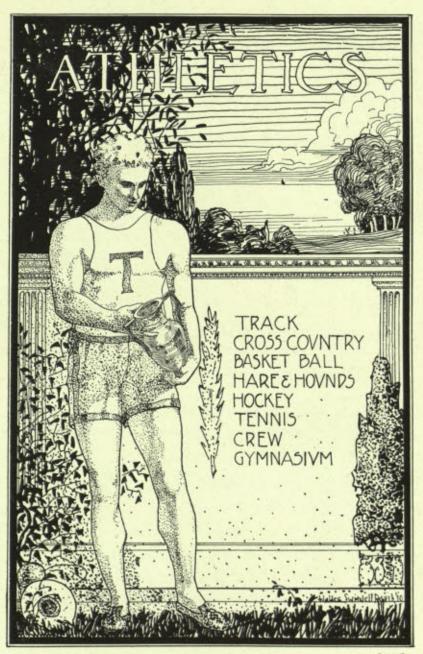
Many subdued Freshmen.

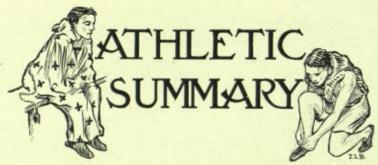
THEY shall judge them according to their luck,

And THEIR name shall be called

The MIGHTY MID-YEARS, the EVERLASTING BUMP, and the CURSE OF THE INNER CIRCLE.

The grace of our High Examiners, the love of the Quizzical Prof, and the fellowship of the Inner Circle be with us all for the rest of our course. Amen.





URING the past year Technology has maintained a high standard in track and cross-country athletics. The minor teams, however, which did so much in the season of 1908–09 to place Technology high in the athletic world have

not been so successful. Much attention has been directed toward the Institute from the fact that for two years the annual meet of the New England Intercollegiate Athletic Association has been held at the Tech Field in Brookline, and in addition to this the big cross-country race of the Intercollegiate Association of Amateur Athletes of America was run over the Technology course last fall.



Captain RAY ALLEN

Consistent with the good performances of the indoor relay team last winter, the outdoor team won a well-



BENSON TAKING LEAD IN I. C. A. A. A. A. RACE

earned victory over six other colleges at the Pennsylvania Relay Carnival. On account of our inability to find a competitor for dual games, the track team entered no collegiate contests previous to the N. E. I. A. A. Meet. In this meet Technology

had fair hope of taking third place. Greatly to the satisfaction of all Tech men, however, the Institute team so far outdid itself as to give Dartmouth such a hard battle for first place that honors were even until almost the last event had been decided. Both Dartmouth and Technology suffered the loss of star men, for Sherman and Captain Gram were injured in preliminary

events, thus losing certain points for both teams.

Not to be discouraged by the loss of Gram, the Tech team went into the final events of the meet with a courage born of good coaching, and by the especial aid of White, Howland, and Watkins came within 51/2 points of equalling the Dartmouth score. The winning of the half-mile by Pete White over Fortier, of Maine, as the two struggled shoulder to shoulder up the home stretch, was the most spectacular event of the meet. In the two-mile run Howland lay back almost too long, but in the last few seconds of the race he came to the front with a sprint that was not to be denied, and carried off first honors for Technology.



WALTER ALLEN SETTING POLE VAULT RECORD at 11 feet, 414 inches

Watkins placed in both the mile and two-mile events, and gave promise of a great future. Salisbury worked hard in the 440-yard dash, but was unable to get out of a bad box in time to take better than third. Tech's one chance of winning the meet lay with Allen in the pole vault, but he was not quite able to clear the bar with Holdman, of Dartmouth, and had to be content with second place.

Of great assistance in preparation for this meet were the Spring and Spring Handicap Meets, the Inter-Course and Sopho-



GRAM TIES 440 HEAT WITH BACON OF WESLEYAN

more-Freshman cross-country races, and the Hare and Hounds Club runs. Special cups were offered in the Spring Meet by J. L. Batchelder, 1890, Dr. J. A. Rockwell, 1896, and Benjamin Hurd, 1896, to the winners of the mile, halfmile, and 120-yard hurdles events. Allen

set the pole vault record at 11 feet, 41/4 inches in this meet.

This fall a cross-country team was developed by Coach Kanaly, which overwhelmingly defeated Harvard in a dual

race on Field Day, and which later ran second to the phenomenal Cornell team in the I. C. A. A. A. A. race, and defeated eight other colleges.

An attempt to arouse additional interest in cross-country running was made by E. H. Lorenz, 1905, F. H. Hunter, 1902, A. R. Hunter, 1908, and Ridsdale Ellis, 1909. These men gave three beautiful cups for competition in the Annual Handicap Cross-Rountry Run.



PETE WHITE DEFEATING FORTIER OF MAINE

During the winter another fast relay team was developed, which had little difficulty in defeating Dartmouth at the B. A.



SALISBURY FINISHING THIRD IN 440

A. Games. The two-mile relay team easily defeated Tufts and clipped several seconds from the Lawrence Light Guard track record. Several records were broken at the annual Indoor meet, and one at the new Sophomore-Freshman indoor meet.

The basket-ball and hockey teams each took trips during the mid-year recess, and met with fair success, but the result of the whole season's work was not nearly as good as

last year. These teams work under great disadvantages in regard to room and time for practice.

Fencing was abolished last year through lack of interest, and golf this year. In tennis the results were not up to the standard of former years. Captain Parker reached the semi-

finals in the singles of the Intercollegiate meet.

The outlook for future seasons is particularly bright as far as the track and cross-country teams are concerned. Whether Technology will be able to keep her minor teams in



WATKINS AND BENSON LEADING IN THE I. C. A. A. A. A. RACE

the first ranks of the athletic world is a question which only future interest in these sports can decide.



I. C. A. A. A. A.

9 4-5 secs.

B. J. Wefers
Georgetown

21 2-5 secs. B. J. Wefers Georgetown

48 4-5 secs.

J. B. Taylor
Pennsylvania

1 min. 56 sees. E. B. Parsons Yale

4 min. 17 4-5 secs. W. C. Paul Pennsylvania

9 min. 27 3-5 secs. P. J. TAYLOR Cornell [98] N. E. I. A. A.

100 Yards

10 secs.
A. Curtenius
Amherst
H. H. Cloudman
Bowdoin
G. L. Swasey

220 Yards

Dartmouth

22 secs. C. W. Gram Technology

440 Yards
50 1-5 secs.
G. B. Shattuck
Amherst

880 Yards
1 min. 59 secs.
H. S. Baker

Technology

Brown

One Mile 4 min. 24 3-5 secs A. L. Wright

Two Miles
9 min. 52 4-5 secs.
S. M. UDALE
Technology

M. I. T. A. A.

10 1-5 secs. R. S. Franklin 1903

22 secs. C. W. Gram 1909

51 1-5 secs. J. A. Rockwell 1899

1 min. 59 secs. H. S. Baker 1903

4 min. 30 3-5 secs. H. S. Baker 1903

9 min. 52 4-5 secs. S. M. UDALE 1907

I. C. A. A. A. A.

N. E. I. A. A.

M. I. T. A. A.

15 1-5 secs. A. B. Shaw Dartmouth

120-Yard Hurdles (High) 15 2-5 secs. A. B. Shaw Dartmouth

23 3-5 secs. A. C. Kraenzlein Pennsylvania

220 - Yard Hurdles (Low)

6 ft. 3 1-4 in.
T. Moffit
Pennsylvania

High Jump
5 ft. 11 3-4 in.
G. Horrax
Williams
E. R. PALMER
Dartmouth

6 ft. 1-2 in.	
C. D. HEYWOOD	
1893	

24 ft. 4 1-2 in.
A. C. Kraenzlein
Pennsylvania

23 ft. 2 S-4 in.
W. P. Hubbard
Amherst

22 ft. 1 1-2 in.
G. W. GROSVENOR
1899

	12	ft.	3	1-4	in.
C.	S.	C	M	PBE	LL
	Ya	le			

Pole Vault	
11 ft. 6 1-2 in.	
J. L. HURLBURT	
Wesleyan	

11 ft. 4 1-4 in.
W. D. ALLEN
1911

46 ft. 5 1-2 in.
W. F. KRUEGER
Swarthmore

		Sho	t P	ut	
	43	ft.	10	1-2	in
R.	E	R	OLL	INS	
	Ar	nhe	rst		

40 ft. 1-4 in. H. P. McDonald 1901

	164	ft.	10	in.
J.	R.	DE	W	ITT
	Pri	ncet	on	

Throwing 16-Pound Hammer
144-ft. 1-2 in.
A. C. Denning
Bowdoin

126	ft. 7 in.
W. J.	KNAPP
1906	3

	Discus		Throw		
	123	ft.	8	1-2	in.
0	K	De	273		

Dartmouth

110	ft.	2	1-2	in.
L. G.	M	OR	RILI	
190.	5			

OICAAAA

THE Intercollegiate Association of Amateur Athletes of America, familiarly known as the "I-C-4-As," is probably the most powerful intercollegiate organization in America. It numbers among its members most of the important colleges of the country. Technology was admitted to membership last year, and has yet to win points in an American Intercollegiate meet.

President Hugh K. Gilmour, Princeton

Vice-Presidents

G. B. BURNETT, Amherst

C. B. BOYNTON, Michigan

Secretary

SUTHERLAND G. TAYLOR, JR., New York University

Treasurer

EDWARD M. McKenzie, Columbia

Members

Amherst
Bowdoin
Brown
Colgate
College City of New York
Columbia
Cornell
Dartmouth
Fordham
Harvard
Haverford
Johns Hopkins

Mass. Inst. of Technology
Michigan
New York University
Pennsylvania
Pennsylvania State
Princeton
Stevens Institute of Technology
Swarthmore
Syracuse
University of Virginia
Wesleyan
Williams
Yale

[100]



N November 23, 1886, representatives from leading New England colleges came together and organized the New England Intercollegiate Athletic Association. The annual track and field meet of the Association is held on Friday and Saturday of the week preceding the annual American Intercollegiate Championship Meet. For the past two years the N. E. I. A. A. Meet has been held at the Tech Field. Technology has but one championship to her credit. This was obtained the year she joined the Association, 1894.

> President GEORGE A. GRAVES, Dartmouth

Vice-President ROGER KEITH, Amherst

Secretary JOHN E. HINCKLEY, Brown

Treasurer Harvey S. Benson, Technology

Executive Committee

G. A. Graves, Dartmouth H. S. Benson, Technology M. R. Sumner, Maine R. W. TAYLOR, Williams

A. J. Young, Brown

Members

AMHERST BOWDOIN BROWN DARTMOUTH

HOLY CROSS MAINE TECHNOLOGY TRINITY TUFTS

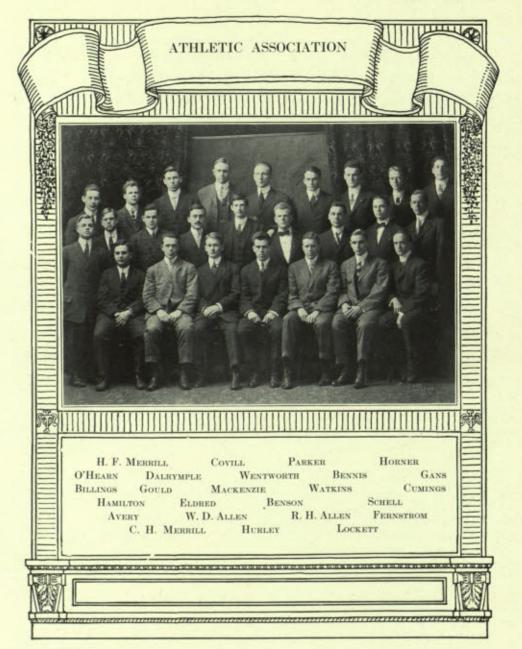
VERMONT WESLEYAN WILLIAMS Worcester P. I.

Championships

Dartmouth, 10 AMHERST, 8 WILLIAMS, 2

Bowdoin, 1 Technology, 1 BROWN Tied, 1 AMHERST

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F. A. HURLEY, 1910

NVE members are elected from each class to form the Institute Athletic Association. The Association is subsidiary to the Athletic Advisory Council, but makes recommendations to the Council for the award of letters, for the appointment of managers, and for the general management of athletic affairs. The captains and managers of all athletic teams are ex-officio members of this body.



R. H. ALLEN, 1910

President RAYNOR HUNTINGTON ALLEN, 1910, First Term Frederick Aloysius Hurley, 1910, Second Term

Vice-President HAROLD LOCKETT, 1910

Secretary WALTER DEFRIEZ ALLEN, 1911

Treasurer CHARLES HUDSON SAYRE MERRILL, 1911

Members

1910 JOHN AVERY, JR. GEORGE BRADLEY CUMINGS KARL DICKSON FERNSTROM FREDERICK ALOYSIUS HURLEY HAROLD LOCKETT

ARTHUR THOMAS BENNIS HARVEY SMITH BENSON PHILIP WHITE DALRYMPLE ERWIN HASKELL SCHELL HAROLD GEORGE WATKINS

1911 Walter Defriez Allen CALVIN POWELL ELDRED RICHARD HARTSHORN GOULD JOHN DAVID MACKENZIE CHARLES HUDSON SAYRE MERRILL

DANIEL FREDERICK CONLON, JR. ROBERT STEIN GANS PHILIP MORSE HAMILTON HALSEY BOARDMAN HORNER HENRY FERDINAND MERRILL, 2d

Track Team

Ex-officio Members R. H. Allen, 1910, Captain P. H. Pearson, 1911, Manager, First Term H. S. Benson, 1912, Manager, Second Term

Cross-Country Team H. G. Watkins, 1912, Captain Basket Ball Team Hockey Team Tennis Team

T. B. PARKER, 1911, Captain W. J. O'HEARN, 1910, Captain F. W. COVILL, 1911, Captain

W. D. Everett, 1910, Manager H. D. BILLINGS, 1910, Manager P. M. Wentworth, 1910, Manager

H. S. Benson, 1912, Manager

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ATHLETIC ADVISORY COUNCIL

THE Advisory Council has complete jurisdiction over all athletic affairs at Technology.

Chairman

FRANK H. BRIGGS, 1881

Secretary and Treasurer

RALPH S. FRANKLIN, 1903

Representatives from Alumni Association

JOHN L. BATCHELDER, 1890

J. Arnold Rockwell, 1896

Representatives from the Athletic Association

KARL D. FERNSTROM, 1910

CALVIN P. ELDRED, 1911



ELDRED ROCKWELL

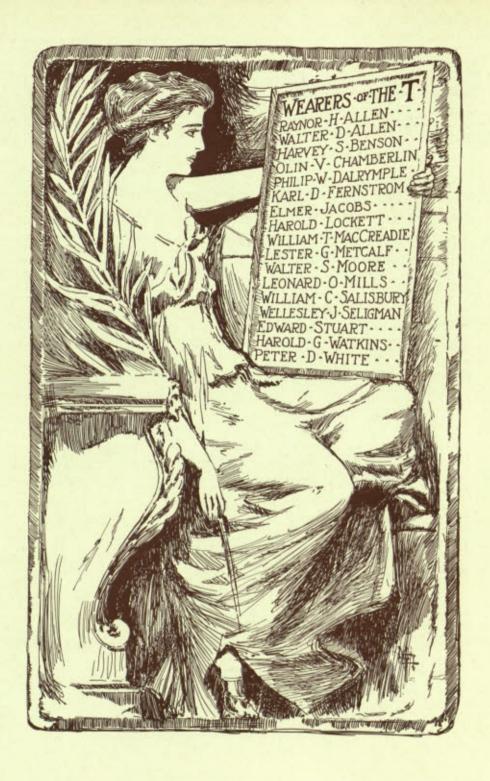
Briggs

AVERY

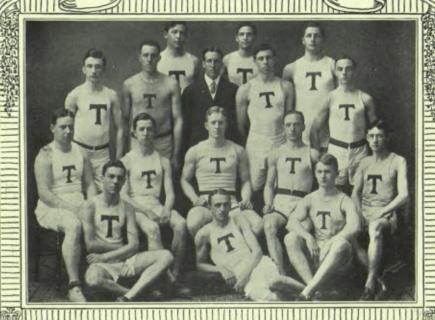
FERNSTROM BATCHELDER

FRANKLIN

[104]



TRACK TEAM, 1909



METCALF SELIGMAN CHAMBERLIN

WHITE STUART CORCH KANALY DALRYMPLE SALISBURY

NISBET ELLIS' Capt. Gram Mgr. Fernstrom McCarthy

WATKINS HOWLAND W. D. ALLEN





Manager Fernstrom, 1910

Captain CARL WILLIAM GRAM, 1909

Manager KARL DICKSON FERNSTROM, 1910



Captain Gram, 1909

Assistant Manager HARVEY SMITH BENSON, 1912

Coach FRANK MAURICE KANALY

Team

WALTER DEFRIEZ ALLEN, 1911 PHILIP WHITE DALRYMPLE, 1912 CARL WILLIAM GRAM, 1909 HAROLD HOWARD HOWLAND, 1909

RAYNOR HUNTINGTON ALLEN, 1909 LESTER GEORGE METCALF, 1911 WILLIAM CONYNE SALISBURY, 1911 Wellesley Joseph Seligman, 1911 HAROLD GEORGE WATKINS, 1912 PETER DESMOND WHITE, 1911



Coach KANALY



SPRING MEET

TECHNOLOGY FIELD

MAY 8, 1909

Time, Height, or Distance Places Events CARL W. GRAM, 1909 10 4-5 secs. 100 Yards Wellesley J. Seligman, 1911 William C. Salisbury, 1911 Peter D. White, 1911 WILLIAM C. SALISBURY, 1911 220 Yards Wellesley J. Seligman, 1911 Stalker E. Reed, 1912 KARL D. FERNSTROM, 1910 440 Yards CARL W. GRAM, 1909 * 52 4-5 secs. WILLIAM C. SALISBURY, 1911 MARK A. OETTINGER, 1912 JOSEPH I. MURRAY, 1912 880 Yards PETER D. WHITE, 1911 2 min. 6 2-5 secs. ERFORD M. POTTER, 1910 CALVIN P. ELDRED, 1911 WALTER S. DAVIS, 1910 One Mile HAROLD G. WATKINS, 1912 † 4 min. 41 2-5 secs John F. McCarthy, 1909 Roy D. Van Alstine, 1911 HAROLD H. HOWLAND, 1909 HAROLD G. WATKINS, 1912 HAROLD H. HOWLAND, 1909 Two Miles 10 min. 21 4-5 secs. CARL H. MORRILL, 1912 Joseph N. Stephenson, 1909 WILLIAM J. PEAD, JR., 1910 ; 17 2-5 secs. 120-Yard Hurdles Austin B. Mason, 1910 George B. Cumings, 1910 HERBERT S. GOTT, 1910 220-Yard Hurdles George B. Cumings, 1910 28 2-5 secs. AUSTIN B. MASON, 1910 RAYNOR H. ALLEN, 1910 WILLIAM J. PEAD, JR., 1910

* Won the Rockwell Cup. † Won the Batchelder Cup. ‡ Won the Hurd Cup.

[108]

MAY 8, 1909

TECHNOLOGY FIELD

Events	Places	Time, Height, or Distance
High Jump	RAYNOR H. ALLEN, 1910 PHILIP W. DALRYMPLE, 1912 EDWARD STUART, 1910 CHESTER W. WILSON, 1910	Tied 5 ft. 6½ in.
Broad Jump	RICHARD H. GOULD, 1911 JOHN BECKER, JR., 1912 HERBERT S. GOTT, 1910 KARL D. FERNSTROM, 1910	18 ft. 9 in. 18 ft. 8 in. 18 ft. 6 3-4 in. 18 ft. 3 in.
* Pole Vault	Walter D. Allen, 1911 William C. Salisbury, 1911 Harold G. Greenleaf, 1912 Edward Mangan, 1912	11 ft. 4 1-4 in. 10 ft. 8 in. 9 ft. 8 in. 9 ft. 5 in.
Shot Put	OLIN V. CHAMBERLIN, 1910 HERBERT S. GOTT, 1910 DAVID F. BENBOW, 1912 JOHN L. BRAY, 1912	36 ft. 5 in. 34 ft. 3 in. 33 ft. 10 in. 32 ft. 10 in.
Hammer Throw	Walter M. Ruby, 1912 John L. Bray, 1912 Lewis D. Nisbet, 1909	98 ft. 7 in. 94 ft. 8 in. 85 ft. 8 in.
Discus Throw	Lewis D. Nisbet, 1909 Walter M. Ruby, 1912 Olin V. Chamberlin, 1910 Edward Stuart, 1910	95 ft. 7 in. 87 ft. 2 in. 86 ft. 8 in. 85 ft.

Summary of Points

1910															4	43 1-3
1912		- 1		-		31			2	-		4	-			40 1-3
																39
1000																30 1-3



HURD CUP * New Record.



BATCHELDER CCP



ROCKWELL CUP



TWENTY-THIRD ANNUAL TRACK AND FIELD MEET

TECHNOLOGY FIELD

May 21-22, 1909

	Weather Con-	ditions: Rain		
Events	Places	College	Class	Time, Height, or Distance
100 Yards	Jesse B. Hawley	Dartmouth	1909	10 2-5 secs.
100 Tarus	Walter E. Robson	Wesleyan	1911	
	ARTHUR L. KELLEY, JR.	Williams	1910	
	JOHN R. PINKETT	Amherst	1911	
220 Yards	Jesse B. Hawley	Dartmouth	1909	23 3-5 secs.
	ARTHUR L. KELLEY	Williams	1910	
	HARRY L. ALEXANDER	Williams	1910	
	Wellesley J. Seligman	Technology	1911	
440 Yards	ROGER W. BACON	Wesleyan	1910	53 secs.
	Leslie Schwartz	Tufts	1910	
	WILLIAM C. SALISBURY	Technology	1911	
	ROBY P. LITTLEFIELD	Maine	1910	
880 Yards	Peter D. White	Technology	1911	2 min. 2 3-5 secs.
	FRANK E. FORTIER	Maine	1910	
	CHAUNCEY B. BAXTER	Dartmouth	1910	
	James D. Lester	Williams	1911	
One Mile	Henry J. Colbath	Bowdoin	1910	4 min. 35 4-5 secs.
	HAROLD G. WATKINS	Technology	1912	
	PERCY J. MERRIHEW	Vermont	1909	
	JOHN H. WELLS	Brown	1909-	

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Events	Places	College	Class	Time, Height, or Distance
Two Miles	HAROLD H. HOWLAND	Technology	1909	10 min. 2 1-5 secs.
	WINFIELD W. GREENE	Brown	1910	
	HENRY J. COLBATH	Bowdoin	1910	
	HAROLD G. WATKINS	Technology	1912	
120-Yard Hurdles	GILBERT HORRAX	Williams	1909	16 1-5 secs.
140-1 and 11 and 15	JOHN W. MAYHEW	Brown	1909	To 1-0 accs,
	WILEY H. MARBLE	Brown	1912	
	NELSON E. SMITH	Maine	1911	
220-Yard Hurdles	SUMNER EDWARDS	Bowdoin	1910	27 secs.
	John W. Mayhew	Brown	1909	
	BEATTY STEVENS	Williams	1911	
	FREDERICK D. KNIGHT	Maine	1909	
High Jump	EARL R. PALMER	Dartmouth	1910 /	
Tright annih	GILBERT HORRAX	Williams	1909	Tied 5 ft. 9 3-4 in. *
	RAYNOR H. ALLEN	Technology	1910)	mi i i i i i i i i i i i i i i i i i i
	PHILIP W. DALRYMPLE	Technology	1912	Tied 5 ft. 5 3-4 in.
Broad Jump	NATHANIEL A. SHERMAN	Dartmouth	1910	21 ft. 3 3-4 in.
9	GILBERT HORRAX	Williams	1909	21 ft. 2 in.
	Harrison Atwood	Bowdoin	1909	20 ft. 11 in.
	John W. Mayhew	Brown	1909	20 ft. 7 1-2 in.
Pole Vault	Oro E. Holdman	Dartmouth	1911	11 ft, 6 in.
	Walter D. Allen	Technology	1911	11 ft. 3 in.
	GILBERT HORRAX	Williams	1909	11 ft.
	WILLIAM C. SALISBURY	Technology	1911 (Tied 10 ft. 6 in.
	George H. Jenks	Dartmouth	1910	Tied to it. 6 in.
Chat Dat	W W V	Ambount	1010	10 0 0 1 0 1
Shot Put	WILLIAM W. KILBOURN	Amherst	1910	40 ft. 2 1-2 in.
	LEVON H. KOOYUMJIAN OLIN V. CHAMBERLIN	Amherst	1909	40 ft. 1 3-4 in.
	WILLIAM P. NEWMAN	Technology Bowdoin	1910 }	Tied 38 ft. 2 1-2 in.

* E. R. Palmer won toss.

Events	Places	College	Class	Time, Height, or Distance
Hammer Throw	HERBERT D. WARREN	Bowdoin	1910	129 ft. 2 1-4 in.
	HERBERT D. SMITH	Amherst	1909	126 ft.
	LESTER G. METCALF	Technology	1911	121 ft. 11 1-4 in.
	ROY E. LEWIS	Dartmouth	1912	113 ft. 2 in.
Discus Throw	JESSE B. HAWLEY	Dartmouth	1909	119 ft. 3 1-4 in.
	LEVON H. KOOYUMJIAN	Amherst	1909	113 ft. 7 1-2 in.
	WILLIAM W. KILBOURN	Amherst	1910	106 ft. 10 in.
	JOHN B. HANNA	Wesleyan	1912	102 ft. 1 1-4 in.

Summary of Points

Events	Dart- mouth	М. І. Т.	Will- iams	Bow- doin	Am- herst	Brown	Wes- leyan	Maine	Tufts	Ver- mont	Trin- ity	Holy
100 Yards 220 Yards 140 Yards 180 Yards 180 Yards 190 Miles 190 Two Miles 120-Yard Hurdles 120-Yard Hurdles 191 Jump 191 Broad Jump 190 Vault 190 Yault 190 Yard 190	5 5 2 - - - 4 5 5 1/2 1 5	1 2 5 3 6 - 3 3 1 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2	2 5 1 1 5 2 4 3 2 -	5 5 2 5 2 13/2	1 8 3 5	- 1 3 5 3 5 3	3 5 1	1 3 - 1 1	3 -	2		
Totals	321/2	27	24	2015	17	13	9	6	3	2	0	0

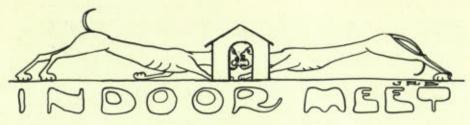


TECHNOLOGY FIELD

OCTOBER 23, 1909

Events	Places	Handicaps	Time, Height, or Distance
100 Yards	CHARLES E. TRULL, 1913	4 yds.	10 2-5 secs.
	Peter D. White, 1911	3 yds.	
	ROLAND C. THOMPSON, 1913	5 yds.	
220 Yards	Joseph P. Maxfield, 1910	9 yds.	23 3-5 secs.
	RAYNOR H. ALLEN, 1910	5 yds.	
	Albert D. Conant, 1913	4 yds.	
440 Yards	RICHARD H. GOULD, 1911	12 yds.	53 4-5 secs.
	JOSEPH P. MAXFIELD, 1910	15 yds.	
	Mark A. Oettinger, 1912	13 yds.	
880 Yards	Peter D. White, 1911	Scratch	2 min. 8 3-5 secs.
	Walter S. Davis, 1910	30 yds.	
	EUGENE T. MARCEAU, 1912	30 yds.	
One Mile	Roy D. Van Alstine, 1911	35 yds.	4 min. 40 2-5 secs.
	HAROLD G. WATKINS, 1912	Scratch	
	JOHN D. MACKENZIE, 1911	80 yds.	
Two Miles	HAROLD G. WATKINS, 1912	Scratch	10 min. 29 secs.
	HARVEY S. BENSON, 1912	60 yds.	
	Kenneth Cartwright, 1912	80 yds.	
120-Yard Hurdles	George B. Cumings, 1910	Scratch	17 1-5 secs.
	EUGENE T. MARCEAU, 1912	8 yds.	
220-Yard Hurdles	George B, Cumings, 1910	Scratch	26 4-5 secs.
	RAYNOR H. ALLEN, 1910	Scratch	
			[113]

Events	Places	Handicaps	Performances
High Jump	Bradley Jones, 1910	5 in.	5 ft. 7 in.
	PHILIP W. DALRYMPLE, 1912 PHILIP G. LAUMAN, 1911	Scratch Scratch	Tied 5 ft. 6 in.
	JOSEPH BALCH, JR., 1913	4 in.	5 ft. 2 in.
Broad Jump	John Becker, Jr., 1912	Seratch	20 ft. 1-4 in.
788-783-050-50	HERBERT S. GOTT, 1910	6 in.	19 ft. 5 1-2 in.
	Charles E. Trull, 1913	5 in.	19 ft. 3 3-4 in.
Pole Vault	HAROLD S. GREENLEAF, 1912	14 in.	10 ft. 3 in.
	Walter D. Allen, 1911	Scratch	11 ft. 3 in.
	Herbert S. Gott, 1910	16 in.	8 ft. 3 in.
Shot Put	DAVID F. BENBOW, 1912	20 in.	34 ft. 11 in.
	HERBERT S. GOTT, 1910	14 in.	34 ft. 11 in.
	OLIN V. CHAMBERLIN, 1910	Scratch	35 ft. 9 in.
Hammer Throw	JOHN L. BRAY, 1912	5 ft.	111 ft.
	GRANT W. ARNOLD, 1911	Scratch	95 ft. 6 in.
	HAROLD S. BIRCHARD, 1913	10 ft.	79 ft. 6 in.
Discus Throw	JOHN L. BRAY, 1912	10 ft.	97 ft. 7 in.
Silling and the	DAVID F. BENBOW, 1912	10 ft.	97 ft. 3 in.
	RAYNOR H. ALLEN, 1910	10 ft.	88 ft. 7 in.
	Summary of Points		
1912	TWO REPORTS FOR REPORTS		. 46½
1910	the reserve was not been a		
1911			
1913	See theretare revenues are a second	a rever organic	. 10



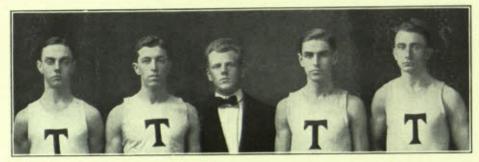
Events 35 Yards		Win William C. Charles E. Ralph B. M Stalker E.	Salisbury, Trull, 191 (cEwen, 19)	3 11	Time, Height, or Distance 4 3-5 secs.						
* 440 Yards		WILLIAM C. MARK A. OI STALKER E. HARRY G. B	REED, 1912	912	57 sec	57 secs.					
* 880 Yards		LEONARD O. PETER D. W HARVEY S. I CALVIN P. E	HITE, 1911 BENSON, 191	12	2 min	2 min. 9 3-5 secs.					
* One Mile		LEONARD O. RALPH M. F ALFRED S. M ROBERT D.	. 45 1-5 s	ecs.							
40-Yard H		WILLIAM J. RALPH B. M HERBERT S. CHARLES A.	IcEwen, 19 Gott, 1910	11	5 min	, 4 secs.					
Running H		EDWARD STO PHILIP W. I BRADLEY JO CHARLES G.	DALRYMPLE, NES, 1910		5 ft. 8	in.					
Pole Vault		WALTER D. WILLIAM C. EDWARD M. HERBERT S.	Salisbury, angan, 1912	1911	10 ft.	10 ft. 6 in.					
Shot Put		HERBERT S. NORMAN D. JOHN H. RU ROGER M. J	MACLEOD, CKMAN, 191	1913 0	34 ft. 33 ft. 31 ft. 30 ft.	7 in.					
			Summary o	f Point	8						
				1910	1911	1912	1913				
	35 Yards			0	7	1	3				
	440 Yards			0	5 9	5 2	1 0				
	880 Yards One Mile	17111		0	5	3	3				
	40-Yards Hu	dle	7577 1112	7	3	0	1				
	Running High			7	0	3	i				
	Pole Vault			1	8	2	0				
	Shot Put			7	0	0	4				
	Totals .	851 1 1 1		55	37	16	13				
			* New R	ecord.			[11	[5]			



WHITE SALISBURY MOSES Capt. GRAM
ONE MILE OUTDOOR RELAY TEAM, 1909



Mgr. Benson Capt. White Mills Eldred
TWO MILE INDOOR RELAY TEAM, 1910



Capt. Salisbury Mills Mgr. Benson Lockett
ONE MILE INDOOR RELAY TEAM, 1910

WHITE

RELAY TEAMS

ONE MILE OUTDOOR RELAY TEAM, 1909

Members

CARL WILLIAM GRAM, 1909, Captain WILLIAM CONYNE SALISBURY, 1911 ALONZO LEMUEL MOSES, 1909 PETER DESMOND WHITE, 1911

PENNSYLVANIA RELAY CARNIVAL

APRIL 24, 1909

Intercollegiate Relay Race

Won by Technology, Wesleyan second, Lafayette third. Other teams defeated were Swarthmore, Ohio State, Ohio Wesleyan, and Michigan Agricultural.

Time, 3 minutes, 31 2-5 seconds



Captain Salisbury, 1911

ONE MILE INDOOR RELAY TEAM, 1910

Members

HAROLD LOCKETT, 1910 LEONARD OLCOTT MILLS, 1911 WILLIAM CONYNE SALISBURY, 1911, Captain PETER DESMOND WHITE, 1911

B. A. A. INDOOR MEET, BOSTON

FEBRUARY 12, 1910

Technology v. Dartmouth, 1560 yards. Won by Technology. Time, 3 minutes, 11 2-5 seconds

COLUMBIA UNIVERSITY RELAY CARNIVAL, MADISON SQUARE GARDEN, NEW YORK MARCH 12, 1910

INTERCOLLEGIATE RELAY RACE

Won by Syracuse, Technology second, Cornell third. Other teams defeated were Columbia and Dartmouth. Time, 3 minutes, 34 2-5 seconds



Captain WHITE, 1911

TWO MILE INDOOR RELAY TEAM, 1910

Members

HARVEY SMITH BENSON, 1912 CALVIN POWELL ELDRED, 1911 LEONARD OLCOTT MILLS, 1911 PETER DESMOND WHITE, 1911, Captain

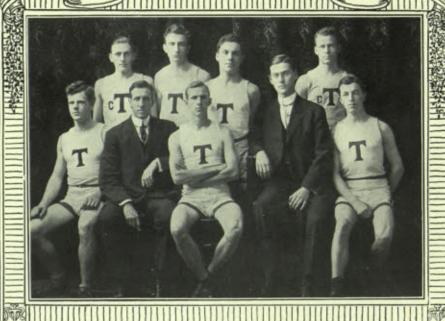
LAWRENCE LIGHT GUARD MEET, MEDFORD FEBRUARY 19, 1910

Technology v. Tufts. Won by Technology.
Time, 8 minutes 41 seconds *

* New Record.

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CROSS COUNTRY TEAM



CARTWRIGHT WHITE WATKINS VAN ALSTINE

Benson Capt. Jacobs

MILLS

Coach Kanaly Mgr. Pearson

CROSCOUNTS.



Manager Pearson, 1911

Captain
Elmer Jacobs, 1910

Manager
Paul Henry Pearson, 1911

Coach Frank Maurice Kanaly



Captain Jacobs, 1910

Team

HARVEY SMITH BENSON, 1912 KENNETH CARTWRIGHT, 1912 ELMER JACOBS, 1910 LEONARD OLCOTT MILLS, 1911 ROY DANIEL VAN ALSTINE, 1911 HAROLD GEORGE WATKINS, 1912 PETER DESMOND WHITE, 1911

November 5, 1909

Technology vs. Harvard.

Won by Technology. (See page 120.)

November 20, 1909 Intercollegiate Cross Country Run. Cornell first, Technology second, Michigan third. (See page 121.)

Technology-Harvard Cross-Country Race

NOVEMBER 5, 1909

Won by Technology Course from Highland Station to Technology Field Score, 27 to 62 Distance, 41/4 miles

Ten men run on each team. First six to finish for each team score.

- 1. H. G. Watkins, Technology
- 2. H. S. Benson, Technology
- 3. P. WITHINGTON, Harvard
- 4. E. Jacobs, Technology
- 5. L. O. Mills, Technology
- 6. E. S. Viets, Harvard

- 7. R. D. VAN ALSTINE, Technology
- 8. K. Cartwright, Technology
- 9. P. D. White, Technology
- 10. H. Y. MASTEN, Harvard
- 11. R. M. Ferry, Technology
- 12. J. D. MacKenzie, Technology

Time, 24 min. 134 sec.

Record for race, 23 min. 2 sec. Made by H. Jacques, Harvard, November 6, 1908

Inter-Course Cross-Country Race

APRIL 3, 1909

Technology Course Won by combination team from Courses I and XI Distance, 41/4 miles Time, 25 min. 17 sec.

		Order o	f Finish		
Place	Name and Class	Course	Place	Name and Class	Course
1	HAROLD H. HOWLAND, 1909	I.	11	ERFORD M. POTTER, 1910	VI.
2	Elmer Jacobs, 1910	I.	12	KENNETH CARTWRIGHT, 1912	II.
3	CALVIN P. ELDRED, 1911	VI.	13	RALPH M. FERRY, 1912	II.
4	J. Newell Stephenson, 1909	X.	14	LLOYD C. COOLEY, 1911	X.
5	HARVEY S. BENSON, 1912	II.	15	RIDSDALE ELLIS, 1909	VIII.
6	HAROLD G. WATKINS, 1912	XI.	16	Ernest W. DeWitt, 1911	II.
7	ROY D. VAN ALSTINE, 1911	I.	17	FOSTER RUSSELL, 1911	II.
8	BERTHOLD C. HUBER, 1910	II.	18	John Ahlers, 1910	I.
9	JOHN F. McCarthy, 1909	I,	19	Harold D. Billings, 1910	XI.
10	CARL H. MORRILL, 1912	XI.	20	George H. Magee, 1910	II.

Score

Courses, I and XI 16; II and VI 26; others, 43

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Intercollegiate Cross-Country Race

Under auspices of the I. C. A. A. A. A.

Brookline, Massachusetts

NOVEMBER 20, 1909

Techno	ology	Cot	irse			Six	Miles
Seven	men	run	for	each	team.	Five	score.

									8	lu.	mı	na	r	10	f Points					
College																F	ositions V	Von		Score
CORNELL		-1		-			+1	-	-		e la				1	2	5	6	8	22
TECHNOLOGY .	12								4						9	16	19	21	23	88
MICHIGAN	9.	4	1		180		×		3	4	V.				3	12	24	30	43	112
YALE				ı										4	7	13	26	31	37	114
DARTMOUTH .															15	18	28	29	33	123
SYRACUSE	13			7		1				15		-			10	17	25	45	46	143
HARVARD	7		66	0		10				3		-			4	27	36	39	47	153
PENNSYLVANIA					ne.			10							55	32	34	41	54	183
COLUMBIA															11	48	53	57	63	232
PRINCETON															20	42	49	61	62	234

Individual Winners

		Time			Time
T. S. BERNA	Cornell, 1st	33.05 }	D. C. MAY	Michigan, 3d	33.12
W. TAPPAN	Cornell, 2d	33.06	P. R. WITHINGTON	Harvard 4th	33.24

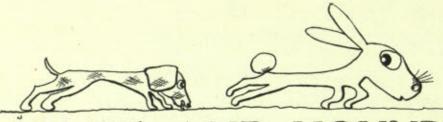
Order of Finish of Tech Team

	Time		Time
O. H. Born Choppy W. Burry	1019 94 07	10 Frage Lecons 1910	94 99

16 LEONARD OLCOTT MILLS, 1911 34.19 21 HARVEY SMITH BENSON, 1912, Time not taken
23 Kenneth Cartwright, 1912 Time not taken



PETE WHITE TAKING THE LEAD AT THE START.



HARE AND HOUNDS



Asst. Capt. West

President
Elmer Jacobs, 1910

Chase Captain
Calvin Powell Eldred, 1911

Assistant Chase Captain
William Charles West, 1911



Chase Capt. ELDRED

Members

Volant V. Ballard, 1912
Stanley E. Bates, 1911
Harvey S. Benson, 1912
Robert D. Bonney, 1913
Lee Bowman, 1913
Kenneth Cartwright, 1912
Ernest W. DeWitt, 1911
Calvin P. Elöred, 1911
Earl E. Ferry, 1912
Ralph M. Ferry, 1912
Gardner C. George, 1911
Mayo D. Hersey, 1909

BERTHOLD C. HUBER, 1910
ELMER JACOBS, 1910
GEORGE H. MAGEE, 1910
WILLIAM T. MACCREADIE, 1911
LEONARD O. MILLS, 1911
NATHAN RANSOHOFF, 1910
WILLIAM A. RHODES, 1912
FOSTER RUSSELL, 1911
FRANK G. SMITH, 1911
ROY D. VAN ALSTINE, 1911
HAROLD G. WATKINS, 1912
WILLIAM C. WEST, 1911

PETER D. WHITE, 1911

Schedule of Hare and Hounds Runs

 Hyde Park
 October 2, 1909

 Needham
 October 9, 1909

 Wellesley
 October 16, 1909

 West Roxbury Course
 November 6, 1909

 Handicap Race
 November 27, 1909

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Annual

Handicap Cross-Country Race



E. W. DEWITT, 1911 Winner First Prize

Order of Finish
E. W. DEWITT, 1911
R. M. FERRY, 1912
FOSTER RUSSELL, 1911
R. D. BONNEY, 1913
V. V. BALLARD, 1912
C. P. ELDRED, 1911
L. O. MILLS, 1911
E. JACOBS, 1910
H. G. WATKINS, 1912
B. C. HUBER, 1910
M. D. HERSEY, 1909
S. C. BATES, 1911
L. BOWMAN, 1913

A CUP is annually presented to the first and second man to finish and to the man making the best actual time in this race. The cups are the gifts of E. H. Lorenz, 1905, F. H. Hunter, 1902, A. R. Hunter, 1908, and R. Ellis, 1909

WEST ROXBURY COURSE

NOVEMBER 27, 1909

Eight Miles

Handicap	Elapsed Time
43/4 min.	52 min. 43 secs.
334 min.	53 min. 5 secs.
6½ min.	53 min. 58 secs.
6½ min.	54 min. 8 secs.
5½ min.	55 min. 43 secs.
3 min.	56 min. 23 secs.
	56 min. 36 secs.
134 min.	57 min. 1 sec.
	57 min. 7 secs.
5½ min.	59 min. 7 secs.
6½ min.	65 min. 10 secs.
	65 min. 21 secs.
8 min.	71 min. 32 secs.



R. M. FERRY, 1912 Winner Time Prize

Winners of the Cups

Time Prize .	10000			RALPH MONTAGUE FERRY, 19	119
First Prize .				ERNEST WILLIAM DEWITT, 1:	911
Second Prize				FOSTER RUSSELL, 1911	
Record for	Course.	46 min	23 secs.	Held by H. H. HOWLAND, 196	09



FIRST PRIZE Won by DEWITT



TIME PRIZE Won by FERRY



SECOND PRIZE Won by Russell

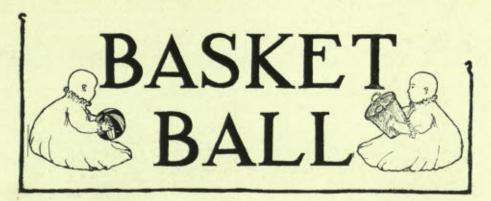
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BASKET BALL TEAM



CROCKER ELL DARLING Mgr. EVERETT

Bennis Hargraves Capt. Parker Johnston





Captain

THEODORE BISSELL PARKER, 1911

Manager

WILLIAM DEXTER EVERETT, 1910



Captain PARKER, 1911

Manager Everett, 1910

Team

WILLIAM BURTON HABGRAVES, 1910	41.14		41	Left Forward
HAROLD FREEMAN JOHNSTON, 1913	1 1			Right Forward
THEODORE BISSELL PARKER, 1911-	15.7			Centre
HAROLD SIMPSON CROCKER, 1913		AT 4 1		Right Guard
ARTHUR THOMAS BENNIS, 1912 GEORGE SHOVE DARLING, 1913	1000		-	Left Guards
GEORGE SHOVE DARLING, 1913				Substitute
CARL STEPHENS ELL, 1911	A	F 900 4	+	Substitute

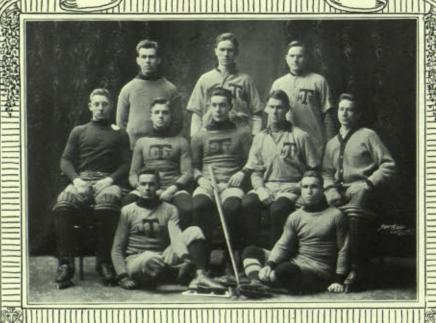
					1	Sch	red	u	e												
Date		Opponents																	Tech		Opponents
January	5	Tufts College		3		4		0	1	16	65	2					9	4	8		19
January	8	Lowell Textile School											-	4	63	10			45		4
January	12	Dartmouth College .			-		8											1	17		31
January	15	Brown University	100	4	-	2									20			4	16		14
February	1	Alfred University		Ä,						60			973				ď.	it i	39		19
February	2	Niagara University .				8				4			9	1	*	*		1	13		- 26
February	4	Canesius College, Buf	falo)	35	.,	10	7		30				1					24		20
February	5	Rochester University	E	-			6.			*	1	8			8			6	9		39
February	9	Tufts College																			18
February	16	Brown University	1	1	*	4	-	*			11	10	*	4	1		*	*	14		32
February	19	Rhode Island College	-	1		6	4			+		43	4	9			÷	-	9		34
February	21	Williams College	-					10			1.5	4		,	d		1	,	13		25
February	24	Lowell Textile School		-	-	-	211					90	-	-	4.			- +	200		17
February	26	University of Maine	10																		22
		A PROPERTY OF THE PARTY OF THE																F 1		and t	

Games won, 6 Games lost, 8

Points for the Season: Technology, 313. Opponents, 320

[125]

HOCKEY TEAM



HURLEY STUCKLEN SLOAN

EICHORN Mgr. BILLINGS Capt. O'HEARN A. GOULD POLHEMUS

R. GOULD SCOVILLE



HOCKEY

Strong



Manager Billings, 1910

Captain

WILLIAM JOHN O'HEARN, 1910

Manager

HAROLD DEXTER BILLINGS, 1910



Captain O'HEARN, 1910

Team

WILLIAM JOHN O'HEARN, 1910
VERNON GREGORY SLOAN, 1912
HENRY WILLIAM STUCKLEN, 1911
RICHARD HARTSHORN GOULD, 1911
JOHN HARRIS SCOVILLE, 1911
ALLEN ADAMS GOULD, 1910
WILLIAM NEWSOME EICHORN, 1913
HAROLD DEXTER BILLINGS, 1910
FREDERICK ALDYSIUS HURLEY, 1910
THEODORUS POLHEMUS, 1911

Goals

Schedule

		Zech (*pponents
December	24	Crescent Hockey Club at Stadium	7
December	31	Dartmouth at Brae-Burn	0
January		Harvard at Stadium	4
January		Brae-Burn at Brae-Burn	8
January		Rensselaer at Troy	2
January		London Field Club at Albany	1
		Yale at New Haven	3
February	5	West Point at West Point	0

Games won, 4

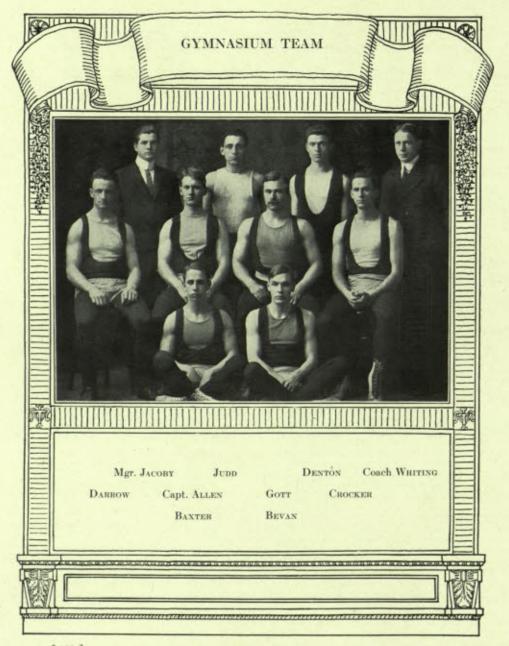
Points for Season

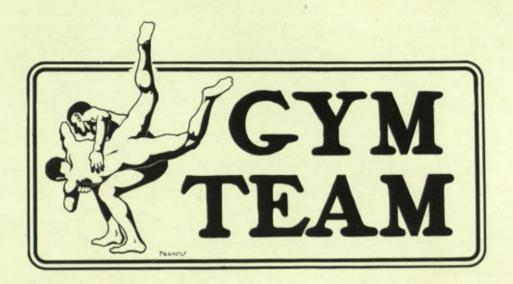
Games lost, 4

Technology, 24

Opponents, 25

[127]







Manager Jacoby, 1910

Captain

WALTER DEFRIEZ ALLEN, 1911

Manager

RAYMOND WEISS JACOBY, 1910

Coach

Mr. Lewis D. Whiting



Captain Allen, 1911

Members

Walter Defriez Allen, 1911 Stanley Munroe Baxter, 1913 Lawrence Algur Bevan, 1913 Samuel Sturgis Crocker, Jr., 1913 Burgess Darrow, 1911 William Byers Denton, 1911 CHARLES FRENCH DOBLE, 1910 HERBERT SIDNEY GOTT, 1910 RAYMOND WEISS JACOBY, 1910 M. HUBERT JUDD, 1911 JAVIER J. SADA, 1913 CHESTER WORCESTER WILSON, 1910

Meets

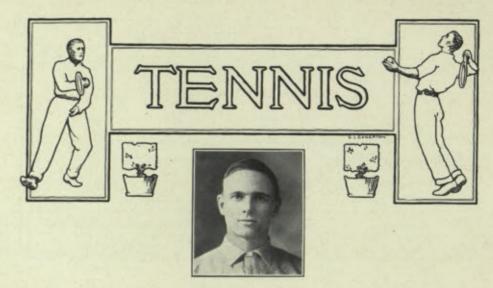
December February	Gymnastic Exhibition Technology vs. Salem Y. M. C. A.	Won by Salem	35-28
February March		Won by Amherst Won by Harvard	31-23 46-8

Points for the Season

Technology, 59

Opponents, 116

[129]



President COVILL, 1911

THE Tennis Association was organized in 1895. Annual fall and spring tournaments are held under its direction. Usually there is a dual meet with some college in the spring, and a team is entered each year in the New England Intercollegiates. Technology at present has six points won in competition for the New England Intercollegiate cup. Eight points are necessary to obtain possession of the trophy.

FREDERICK WILLIAM COVILL, 1911

Vice-President

MYRON KNIGHT SWEET, 1910

Treasurer

ARTHUR THOMAS BENNIS, 1912

Manager

PHILIP MONTGOMERY WENTWORTH, 1910

Spring Tournament, 1909

Final Round: T. B. Parker defeated H. P. Farrington, 5-7, 6-3, 1-6, 6-4, 7-5.

Annual Fall Tournament, 1909

Final Round: F. W. COVILL defeated P. M. WENTWORTH, 6-2, 7-5, 6-3.

Standing at the Close of the Fall Season, 1909

- 1 Frederick William Covill, 1911
- 2 THEODORE BISSELL PARKER, 1911 3 PHILIP MONTGOMERY WENTWORTH, 1910
- 4 Myron Knight Sweet, 1910
- 5 ALBERT HARKNESS, 1911
- 6 CLARENCE RICHARDSON WOODWARD, 1912
- 7 GERALD MARCY KEITH, 1912
 - 8 Donald Voorhis Williamson, 1910

[130]



REPRESENTATIVES from Amherst, Bates, Bowdoin, Brown, Dartmouth, Technology, Tufts, Wesleyan, and the University of Vermont organized the New England Intercollegiate Tennis Association on February 24, 1900. The association holds an annual tournament in May. Each college enters two men in the singles tournament and one team of two men in the doubles. The tournaments are usually held at the Longwood courts in Brookline.

President

SHELDON B. SMITH, Dartmouth

Vice-President

W. B. HOLTON, Wesleyan

Secretary-Treasurer

THEODORE B. PARKER, Technology

Members

Amherst Bates Brown Colby Dartmouth Technology Trinity Tufts

Vermont Wesleyan Williams

Technology Representatives in N. E. I. T. A. Tournament

Singles—Covill and Parker Doubles—Parker and Wentworth

Results of Tournament, May, 1909

Singles

Finals

S. B. SMITH, Dartmouth RICHMOND, Brown T. B. PARKER, M. I. T. HARRIS, Dartmouth

Semi-finals

SMITH HARRIS

FRED HARRIS, Dartmouth

Doubles

First round, M. I. T. defeated by Trinity Doubles won by Dartmouth

Crew

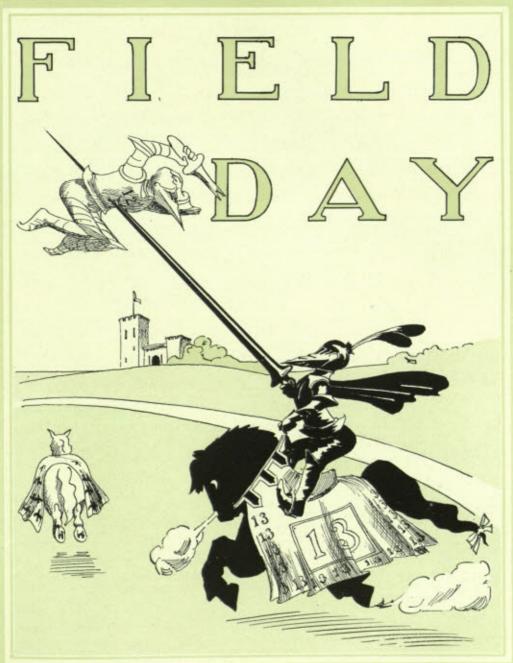
FFORTS are being made this spring to introduce the sport of rowing at the Institute. The Northwestern Alumni have pledged a considerable sum of money toward the purchase of a shell, and A. G. Herreshoff, 1912, has started a movement toward the formation of a crew.

A large number of candidates, with more or less experience, have reported, and W. N. Gere, 1912, who rowed on the Syracuse crew last year, has been elected captain, while Herreshoff assumes the position of manager.

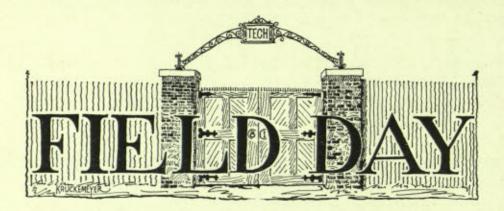
It is doubtful whether much progress can be made this spring, but it will be interesting to watch future development of this form of athletics at Technology.



Captain Gere



[133]



HE best Field Day we ever had!" So every one agreed except possibly a few disappointed sophomores. For real excitement and sudden fluctuations in the tide of fortune no Field Day in the last few years has equalled that of 1909. The result was decided only in the last moment of the contests.

The freshmen won the first trial in the tug-of-war without much difficulty.

They aroused the sophomores from a lethargy of self-confidence with such



good effect that in the second trial, between the halves of the football game, 1912 came back strong and defeated 1913.

In the first half of the football game, Beebe,1913, kicked off to Eicher, 1912, and from then on the ball was worked back and forth without a score for either side. The sophomores failed twice on attempts at field goals, but were working slowly towards the freshman goal-

line when they were held for downs on the 25-yard mark and the half ended 0-0.

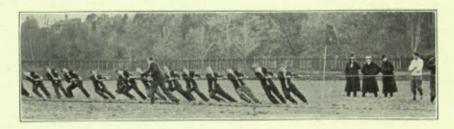
An exciting feature of the day was the relay race. Only by winning this event did the sophomores save themselves from a "whitewash." Walker, 1912, with the pole, and Trull, 1913, started off and finished even, after alternating in the lead. During the rest of the contest the lead changed from one team to the other so often that it was anybody's race until the last two relays. Then Reed and Oettinger opened up a gap of twenty yards, and the sophomores finished well ahead of their rivals.

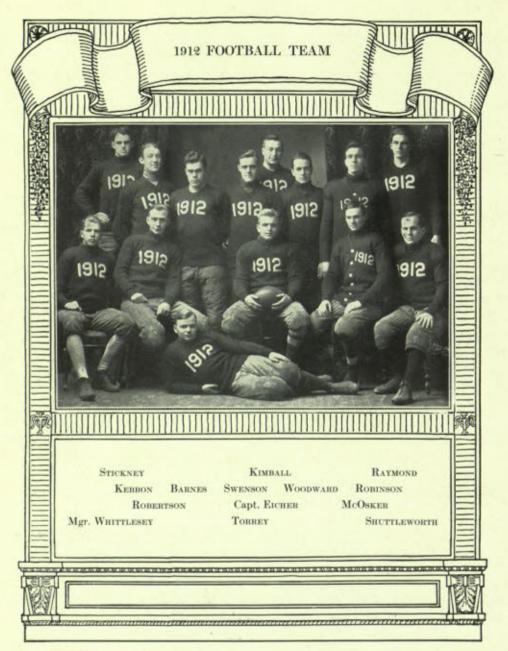
After the relay race and second tug-of-war trial the football teams lined up again, and 1912 kicked off to 1913. This half was full of fumbles and incompleted forward passes. The slowness of the sophomore back-field and the individual brilliancy of Goff's work for the freshmen brought the ball to the sophomore 20-yard line. Here Goff kicked a neat field-goal, and the



freshmen rooters became frenzied with delight! This goal won the game, for, after the ball had changed hands several times in 1912 territory, time was called with score 3-0 for the freshmen.

The score of the day now stood 4 to 3 in favor of the freshmen, and, when the time came for the third and decisive struggle in the tug-of-war, each team realized that the fate of Field Day hung on the rope, and each team, having felt the other's strength, was now strained up to the last turn. At the flash of the gun fifty men struck their heels into the dirt with a fierce determination to win. At first the freshmen gained slowly, but after a few moments the sophomores, pulling steadily and strong, hauled the ribbon to within a few inches of their flag. Here the ribbon halted, wavered, and in a last frantic effort to pull it over the sophomore team work became disorganized. Now the freshmen's training and endurance asserted itself, and 1913 slowly, but surely, drew the ribbon back and across the starting line nearer and ever nearer to their flag, and with final tug they drew it past and pulled Field Day with it!









Captain Archibald Eicher

Manager John Eddy Whittlesey



Captain EICHER

Manager	WHITTLESEY
---------	------------

				T	ear	m											
BATES TORREY, JR																	R. E.
GUY ANDREW SWENSON	1		á	-	5		8	6		1							R. T.
WRIGHT SHUTTLEWORTH																	R. G.
JOHN EDDY WHITTLESEY .			V							0		4					C.
STEWART ROSS ROBERTSON	3													0			L. G.
MERRILL JUSTIN KIMBALL HAROLD ATHERTON ROBINSO						11.4				car.							L. T.
HAROLD ATHERTON ROBINSO	N			2											-	30	L. E.
ARCHIBALD EICHER																	
PAUL HAROLD McOSKER .			v	+1	4						-				1		R. H. B.
PAUL HAROLD McOsker John William Raymond, Jr.							-			10		-					L. H. B.
WILLIAM ELSWORTH BARNES JAMES MCARTHUR BEALE		R.	1														E D
JAMES MCARTHUR BEALE			1				4.		*	4	*	*	1		4	10	r. D.

Substitutes

CLARENCE RICHARDSON WOODWARD RICHARD CARLTON STICKNEY HAROLD ERIC KEBBON MERTON WHITE HOPKINS WILLIAM TAYLOR ROBERTS

Schedule

		1912	Opponents
October	9	Waltham High School	5
October	16	Dean Academy	0
October	23	Lowell Textile School 0	15
October	27	Newton High School	0
October	30	Exeter Academy	10
November	5	1913	3

Points for the Season

Technology, 1912, 14 Opponents, 33

. [137]

1913 FOOTBALL TEAM



BEEBE GOFF BLOCK CAHILL GAGE WILFERT

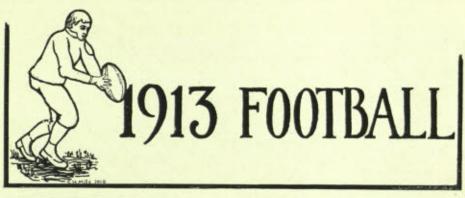
GIBSON CAPEN

GANS FREEMAN

FALLON Mgr. WAHL Coach MATTERS GUSTIN

Capt. Eichorn

DUFFY SMYTHE-MARTIN WHITMAN





Manager WAHL

Captain WILLIAM NEWSOME EICHORN

Manager
Arnold Spencer Wahl



Captain EICHORN

A STATE OF THE STA																- 4	Jan	otain	Екснов
			Te	an	n														
ROBERT STEIN GANS,				50		-				100	40			4	+				L. E.
HAROLD BICKHAM BEEBE,			- 1			1	-	-		-			12		-	-			L. T.
Algernon Tuttle Gibson,		- 1	٠.			-													L. G.
LESTER CARLISLE GUSTIN.																			C.
FREDERICK DAVID MURDOCK, .		350	-				10												R. G.
Roger Morse Freeman,		-			v	10		7.											R. T.
LEROY READE BLOCK,					3					-						-	-	0 1	R. E.
CHARLES GERARD FALLON, JOHN HENRY WILFERT,		- 0		4.		4.0				-									Q. B.
JOHN HENRY WILFERT,		-	1	4		000			2	4	- 20			1		2		L	H. B.
JAMES COLLORD GOFF,	- 0	-	-	-	-	21	7	-	-	9		1						\mathbf{R}	н.в.
WILLIAM NEWSOME EICHORN, .	-		3	×.				-											F. B.
		Sar	het	ita	el in	0													
Comment Comment				55.50	1930	a		-				616	2				2		

GEORGE ALBERT CAHILL, JR. ROSSLYN SMYTHE-MARTIN GEORGE PHILIP CAPEN CHARLES DANIELS DUFFY ELLIOTT HOWES GAGE PERCY GREENE WHITMAN Schedule of Games Opponents October Dean Academy 13 Somerville High School . October 16 6 October 20 0 . 11 October 30 Lowell Textile School 0 November 5 3 Games won, 4 Games lost, 1

Points for the Season
Technology, 1913, 24 Opponents, 6

[139]

1912 RELAY TEAM

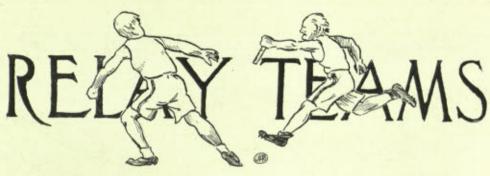


DUKE MANGAN MURRAY FOX TAYLOR

REED SHEPARD Mgr. SCHELL GERE FREEDMAN

Capt. Grant Seelye Coach Kanaly Walker Oettinger

Allen Greenleaf





Captain Grant

1912

VINCENT WEAVER ALLEN

HAROLD ROBERT LESLIE FOX

Joseph Ignatious Murray

FREDERICK JOHNSON SHEPARD, JR.

LAWRENCE BREWSTER WALKER

MARK ADOLPH OFTTINGER

STALKER ELIJAH REED

SETH HENESS SEELYE

LESLIE BURTON DUKE

WARD NELSON GERE

HAROLD GREENLEAF

EDWARD MANGAN

Captains

JOHN SEELY GRANT, 1912 HARRY GRAY BURNHAM, 1913

Managers

EDWIN HASKELL SCHELL, 1912 HALSEY BOARDMAN HORNER, 1913



Captain BURNHAM

Teams

....

ELLIS WETHRELL BREWSTER WALTER ROBERT BYLUND HARRY GRAY BURNHAM CLAUDE FRANCIS CAIRNS ALBERT DAY CONANT KENNETH DAVIS HAMILTON RAYMOND BONTECOU HAYNES WILLIAM RHOADS MATTSON HARRY DEXTER PECK ROLAND CHARLES THOMPSON

1913

Substitutes

Abraham James Freedman Joseph Ingraham Taylor

November 5, 1909

Won by 1912

ZENAS CROCKER, JR. WARREN ALBERT GENTNER

CHARLES EUSTIS TRULL

JOHN BERCHMAN WELCH

RELAY RACE

NINTH ANNUAL FIELD DAY

Distance, 11/2 miles

Record for the race, 5 minutes Held by 1908 and 1910 Technology Field Time, 5 min. 4 2-5 secs.

[141]

1913 TUG-OF-WAR TEAM



CADY LANNING MURPHY TAPT

Mgr. Elwell Thayer Collins

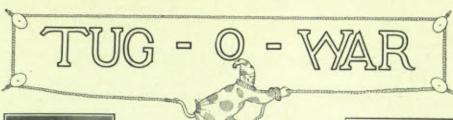
Coach Barr Hartford Caldwell Carlson

Brett Alden Cromwell Coach Copeland

Breck Weller Batchelder Dowst

Prentice Capt. Birchard Warner

Milliken Strang Holmes Rand Severance





Captains ALEXANDER GRISWOLD HERRESHOFF, 1912 HAROLD SNELL BIRCHARD, 1913

ManagersCornelius Anthony Duyser, 1912 Halsey Elwell, 1913



Captain BIRCHARD

Captain Herreshoff

Teams

1912 VOLANT VASHON BALLARD JOHN LINCOLN BARRY, SD ARTHUR THOMAS BENNIS HENRY WHITE CODDING LESTER LOCKE DOWNING CORNELIUS ANTHONY DUYSER JOSEPH WILLARD FARWELL, JR. HARRY FOSTER FERGUSON JOSEPH PRYOR FISH THOMAS CHATFIELD FISHER JESSE FRANKLIN HAKES ALEXANDER GRISWOLD HERRESHOFF ARTHUR STANLEY HUDDELL JOHN VINCENT MACDONOUGH HAROLD GROSVENOR MANNING JOHN STEPHENS MARTIN FRANK LAWRENCE MOWRY JOHN MASON PETTINGELL FREDERICK EDWIN POOR GEORGE SUMMERS SAWYER RALPH FREDERICK SYMONDS EDWIN OSGOOD UPHAM LESTER MARIUS WHITE HERBERT LOUIS WOEHLING DWIGHT MEAD WYMAN

1913 GARDNER RICH ALDEN JOHN KIMBALL BATCHELDER HAROLD SNELL BIRCHARD SAMUEL BRECK, JR. CLARENCE WILLIAM BRETT HERBERT BARNY CADY HILDING NATHANIEL CARLSON THOMAS RICHARD COLLINS BENJAMIN COFFIN CROMWELL, JR. HENRY DOWST, 3D ELLIS WISWELL HARTFORD WILLIAM NORMAN HOLMES JOHN GUSTIN LANNING NORMAN DOUGLAS MACLEOD ALFRED STANDISH MILLIKEN EDWARD EUGENE MURPHY GILBERT REA PARDEY HARRY EPHRAIM PRENTICE HAROLD MORRILL RAND Francis Earnest Severance CHARLES HODGETTS STRANG EDGAR WHITTAKER TAFT GEOFFREY RICE THAYER PAUL CHARLES WARNER ERNEST WELLER

Substitutes

KARL CUSHING MCKENNEY EDWARD LYNCH SULLIVAN WINTHROP EARLE CALDWELL

TUG-OF-WAR. NINTH ANNUAL FIELD DAY

November 5, 1909

Technology Field

Won by 1913

First Trial won by 1913. Time, 1 min. 15 secs. Second Trial won by 1912. Time, 1 min. 24 secs. Third Trial won by 1913. Time, 2 min. 44 secs.

[143]

1912 CROSS COUNTRY



MORRILL

WATKINS E. FERRY R. FERRY

CARTWRIGHT Capt. BENSON

Coach KANALY





Captain Benson, 1912



CALVIN POWELL ELDRED, 1911 HARVEY SMITH BENSON, 1912



Captain Eldred, 1911

7

1912

HARVEY SMITH BENSON KENNETH CARTWRIGHT EARL EMERSON FERRY RALPH MONTAGUE FERRY CARL HENRY MORRILL HAROLD GEORGE WATKINS

Teams

1911

CALVIN POWELL ELDRED HAROLD GOULD JENKS WILLIAM THOMAS MACCREADIE JOHN DAVID MACKENZIE ROY DANIEL VAN ALSTINE FRANK GRISWOLD SMITH

April 17, 1909 Won by 1912 Race over the Technology Course

Course Distance, 4 1-4 miles Score, 1912, 35; 1911, 44

Order of Finish

1 HAROLD GEORGE WATKINS, 1912 2 JOHN DAVID MACKENZIE, 1911 3 CALVIN POWELL ELDRED, 1911 4 CARL HENRY MORRILL, 1912 5 KENNETH CARTWRIGHT, 1912 6 EARL EMERSON FERRY, 1912

7 WILLIAM THOMAS MACCREADIE, 1911 8 ROY DANIEL VAN ALSTINE, 1911 9 RALPH MONTAGUE FERRY, 1912

HARVEY SMITH BENSON, 1912
HAROLD GOULD JENKS, 1911
GEORGE HAROLD RHODES, 1912
FRANK GRISWOLD SMITH, 1911

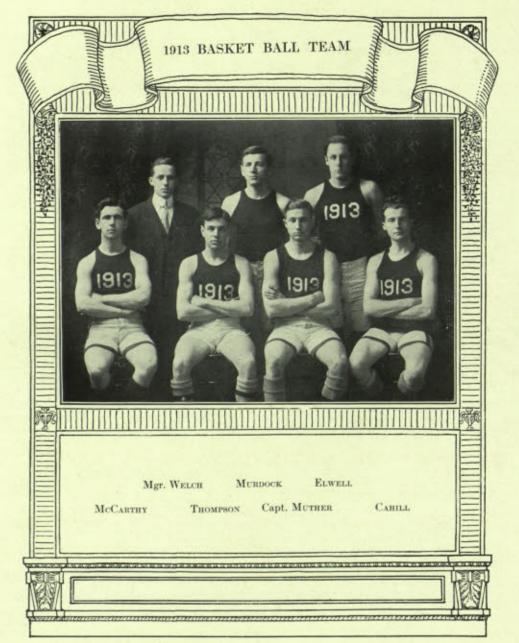
Time

24 min. 33 secs. 24 min. 49 secs. 24 min. 55 secs. 25 min. 6 secs. 25 min. 8 secs. 25 min. 9 secs. 25 min. 28 secs. 25 min. 30 secs. 25 min. 37 secs. 25 min. 49 secs. 26 min. 51 secs.

26 min. 58 secs.

27 min. 14 secs.

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RASKET PASKET ALL 1912 ALE



Captain STONE, 1912

Captains

ROGER BARTON STONE, 1912 WALTER PAUL MUTHER, 1913

Managers

CHARLES HERBERT ALBEE, 1912 JOHN BERCHMAN WELCH, 1913



Captain MUTHER, 1913

Teams

1912

ABRAM JAMES FREEDMAN, Right Forward ALFRED FRANKLIN KENRICK, Left Forward FRED LAWRENCE MOWRY, Centre ROGER BARTON STONE, Right Guard STUART CARY SARGENT, Left Guard

ms

Walter Paul Muther, Left Guard Charles Roland Thompson, Right Guard Halsey Elwell, Centre Charles Joseph McCarthy, Left Forward George Albert Cahill, Jr., Right Forward

1913

Substitutes

JAMES THOMAS HARTNETT FRANK ELIJAH STARR RICHARD CARLTON STICKNEY FREDERICK DAVID WELCH JOHN BERCHMAN WELCH

Interclass Basket-ball Series

January 8 1913, 14 1912, 8 February 16 1913, 27 1912, 15

Class Champions, 1913



I 9 I I BASEBALL



Captain
CLIFFORD LYTTON HUFSMITH

Manager
Thomas Francis McLaughlin, Jr.



Manager McLaughlin

Captain Hufsmit

ager McLaughlin	Captain Hupsmith
Team	
JOHN BALDWIN GLAZE	Pitcher
Howard David Williams	Catcher
LAWRENCE GLEASON ODELL	First Base
CLIFFORD LYTTON HUFSMITH	Second Base
Theodore Bissell Parker	Short Stop
Francis Michael O'Neill	Third Base
CHARLES HENRY HARRINGTON	Left Field
THOMAS FRANCIS McLaughlin	Centre Field
LESTER GEORGE METCALF	Right Field
DESCRIPTION OF THE PARTY OF THE	angue a reid
Substitutes	
PAUL HENRY PEARSON	Pitcher
Donald Read Stevens	Field
ALEXANDER WOODWARD YEREANCE	Field
	* ICIU
Schedule	Score
Opponents T. 19	011 Opponents
Winchester High 7	9
Norwood High	5
Technology, 1912	0
Lowell Textile School	3
Berwick Academy	2 3
New Hampshire State College	3
Dean Academy	9
Brookline High	
Rindge Manual Training School	2
	es tied, 1
Games lost, 4 Games	es tied, i

Points for the Season: Technology, 1911, 47. Opponents, 27

[148]





Captain
RAYMOND ALDEN FOSTER

Manager

Joseph Ignatious Murray



Manager MURRAY

Captain FOSTER

[149]

	Team	
VERNON GREGORY SLOAN		Pitcher
MARTIN CHARLES CHERRY		
BATES TORREY, JR.		
Francis Thomas McAvoy		
ARCHIBALD EICHER		
RAYMOND ALDEN FOSTER		
HERBERT COULSON		
VINCENT WEAVER ALLEN		Mark and the same
JOSEPH INGRAHAM TAYLOR		Aight Fleid
	Substitutes	
HARVEY SMITH BENSON		
WILLIAM JAMES MAGUIRE		
JOHN EDDY WHITTLESEY		Catcher
	Schedule	Score
Opponents		T. 1912 Opponents
West Roxbury High		. 6 0
Roslindale		. 4 1
Everett High		. 10 7
Lowell Textile School		
Melrose High		. 0 4
Gloucester High		. 3 4
Technology, 1911		
Thayer Academy		. 0 0
Rensselaer Polytechnic Institute	CONTRACT PROPERTY AND ADDRESS.	. 3 5
Games won, 3	Games lost, 5	Games tied, 1
		and the state of t

Points for the Season: Technology, 1912, 27. Opponents, 47



TECHNOLOGY GYMN	NASIUM	FEBRUARY 26, 1910
Events	Places	Time, Height, or Distance
35 Yards	FRANK C. DOLKE, 1912 CHARLES E. TRULL, 1913 HARVEY S. BENSON, 1912	4 2-5 secs.
440 Yards	Harvey S. Benson, 1912 Mark A. Oettinger, 1912 Harry H. Thompson, 1913	59 1-5 secs.
* 970 Yards	Ross D. Sampson, 1913 Harvey S. Benson, 1912 Benjamin S. Munch, 1913	2 min. 29 2-5 secs.
One Mile	Alfred S. Milliken, 1913 Ralph M. Ferry, 1912 Roy D. Van Alstine, 1912	5 min. 4 4-5 secs.
35-Yard Hurdles	John S. Grant, 1912 Alfred J. Morcom, 1913 Kenneth D. Hamilton, 1913 Chas. A. Read, 1913	5 3-5 secs.
† Running High Jump	PHILIP W. DALRYMPLE, 1912 WALTER R. BYLUND, 1913	5 ft. 8.4 in. 5 ft. 3½ in.
	Claude F. Cairns, 1913 Herbert B. Alvord, 1912	Tied 5 ft. 3 in.
Shot Put	David F. Benbow, 1912 John L. Bray, 1912 Norman D. MacLeod, 1913	35 ft. 9½ in. 33 ft. 7 in. 33 ft. 3½ in.
Pole Vault	EDWARD MANGAN, 1912 HAROLD GREENLEAF, 1912	Tied 9 ft. 3 in. ‡
	RALPH S. RANKIN, 1913 WILLIAM H. TORREY, 1913	Tied 9 ft.

Score

1912, 471/2 points

1913, 241/2 points

* By miscount two extra laps were run in this event.

† New indoor record.

Mangan won toss.

[150]



THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, ARRANGED IN THE ORDER OF THEIR ESTABLISHMENT

Sigma Chi

CHAPTER ROLL

1855	Alpha	Miami University	Oxford, Ohio
1855	Beta	University of Wooster	Wooster, Ohio
1855	Gamma	Ohio Wesleyan University	Delaware, Ohio
1864	Epsilon	George Washington University	Washington, D.C.
1866	Zeta	Washington and Lee University	Lexington, Va.
1857		University of Mississippi	University, Miss.
	Eta	Pennsylvania College	Gettysburg, Pa.
1863	Theta	Bucknell University	Lewisburg, Pa.
1864	Kappa		Bloomington, Ind.
1858	Lambda	Indiana University	Granville, Ohio
1868	Mu	Denison University	Greencastle, Ind.
1859	Xi	De Pauw University	Carlisle, Pa.
1859	Omicron	Dickinson College	
1866	Rho	Butler College	Indianapolis, Ind.
1867	Phi	Lafayette College	Easton, Pa.
1871	Chi	Hanover College	Hanover, Ind.
1860	Psi	University of Virginia	Charlottesville, Va.
1869	Omega	Northwestern University	Evanston, Ill.
1892	Alpha Alpha	Hobart College	Geneva, N.Y.
1886	Alpha Beta	University of California	Berkeley, Cal.
1882	Alpha Gamma	Ohio State University	Columbus, Ohio
1883	Alpha Epsilon	University of Nebraska	Lincoln, Neb.
1882	Alpha Zeta	Beloit College	Beloit, Wis.
1882	Alpha Eta	Iowa University	Iowa City, Ia.
1882	Alpha Theta	Massachusetts Institute of Technology	Boston, Mass.
1883	Alpha Iota	Illinois Wesleyan University	Bloomington, Ill.
1884	Alpha Lambda .	University of Wisconsin	Madison, Wis.
1884	Alpha Nu	University of Texas	Austin, Tex.
1884	Alpha Xi	University of Kansas	Lawrence, Kan.
1886	Alpha Omicron	Tulane University	New Orleans, La.
1886	Alpha Pi	Albion College	Albion, Mich.
1893	Alpha Rho	Lehigh University	Bethlehem, Pa.
1888	Alpha Sigma	University of Minnesota	Minneapolis, Minn.
1889	Alpha Upsilon	University of South Carolina	Los Angeles, Cal.
1890	Alpha Phi	Cornell University	Ithaca, N.Y.
1891	Alpha Chi	Pennsylvania State College	State College, Pa.
		Vanderbilt University	Nashville, Tenn.
1891	Alpha Psi	Leland Stanford, Jr., University	Stanford University, Cal.
1891	Alpha Omega	Colorado College	Colorado Springs, Col.
1905	Beta Gamma	University of Montana	Missoula, Mont.
1907	Beta Delta		LaFayette, Ind.
1876	Delta Delta	Purdue University	Danville, Ky.
1876	Zeta Zeta	Central University	Cincinnati, Ohio
1882	Zeta Psi	University of Cincinnati	Hanover, N.H.
1893	Eta Eta	Dartmouth College	Ann Arbor, Mich.
1877	Theta Theta	University of Michigan	
1881	Kappa Kappa	University of Illinois	Champaign, Ill.
1893	Lambda Lambda	Kentucky State College	Lexington, Ky.
1895	Mu Mu	West Virginia University	Morgantown, W.Va.
			F and 7

New York, N.Y.
Columbia, Mo.
Chicago, Ill.
Orono, Me.
St. Louis, Mo.
Seattle, Wash.
Philadelphia, Pa.
Syracuse, N.Y.
Fayetteville, Ark.
Salt Lake City, Utah
Grand Forks, N.D.
Crawfordsville, Ind.
Cleveland, Ohio
Pittsburg, Pa.

Sigma Chi

ALPHA THETA CHAPTER

ESTABLISHED 1882

Frater in Facultate William Elgin Wickenden

Fratres

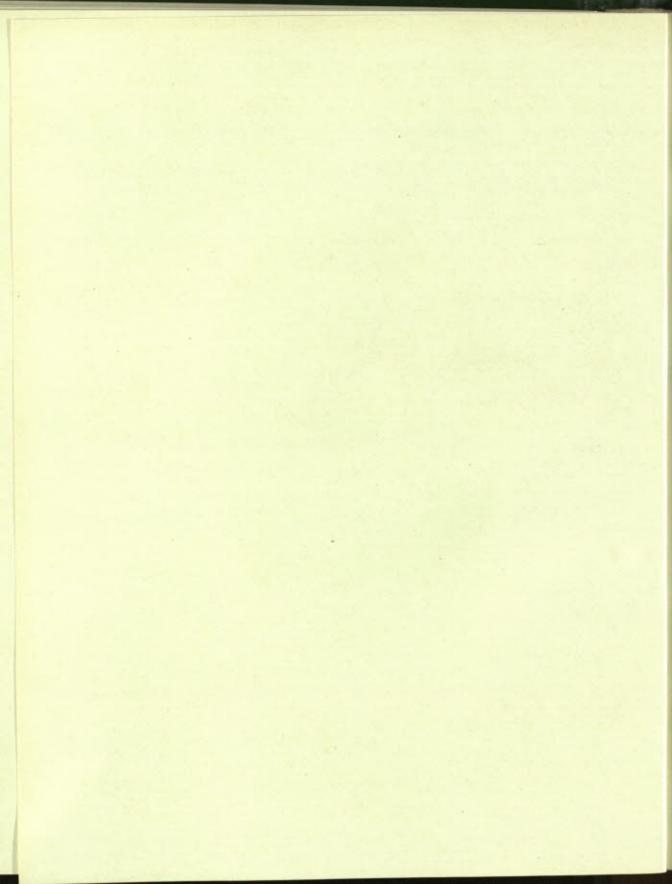
Frank Carl Balke
Alexander Graydon Batsner
Lee Scott Border
Walter Harwood Byron
Allen J. Chantry, Jr.
Alva Breaker Court
Randall Cremer
William Byers Denton
Harrison William Flickinger
Rudolph Herzer Fox
William Guild
John Morris Hargrave

HAROLD FREEMAN JOHNSTON
CHARLES PHILLIPS KERR
PETER CARL LIEBER, JR.
WILLIAM JAMES MAGUIRE
CLARENCE McDonough
THEODORE BISSEL PARKER
ALLAN WILLARD REID
BOLIVAR BUCKNER RINGO
HAROLD KENNETH SMOOT
JOHN CODDING STEVENS
PHILIP MONTGOMERY WENTWORTH
HOUGHTON HAMILTON WHITHED

1067 Beacon Stree!



I WARRY HILL



Theta Xi

CHAPTER ROLL

A	Rensselaer Polytechnic Institute	1.5	Troy, N. Y.
В	Sheffield Scientific School	4	New Haven, Conn.
Г	Stevens Institute of Technology		Hoboken, N. J.
Δ	Massachusetts Institute of Technology		Boston, Mass.
E	Columbia University		New York, N.Y.
Z	Cornell University		Ithaca, N.Y.
н	Lehigh University		South Bethlehem, Pa
θ			Lafayette, Ind.
1	Washington University		St. Louis, Mo.
K			Terre Haute, Ind.
Λ	Pennsylvania State College		State College, Pa.
M	Iowa State College		Ames, Ia.
N		8/2	Berkeley, Calif.
**	Graduate Club		New York, N.Y.
			Chicago, Ill.
	Graduate Club		Pro l P

Theta Xi

DELTA CHAPTER

ESTABLISHED 1885

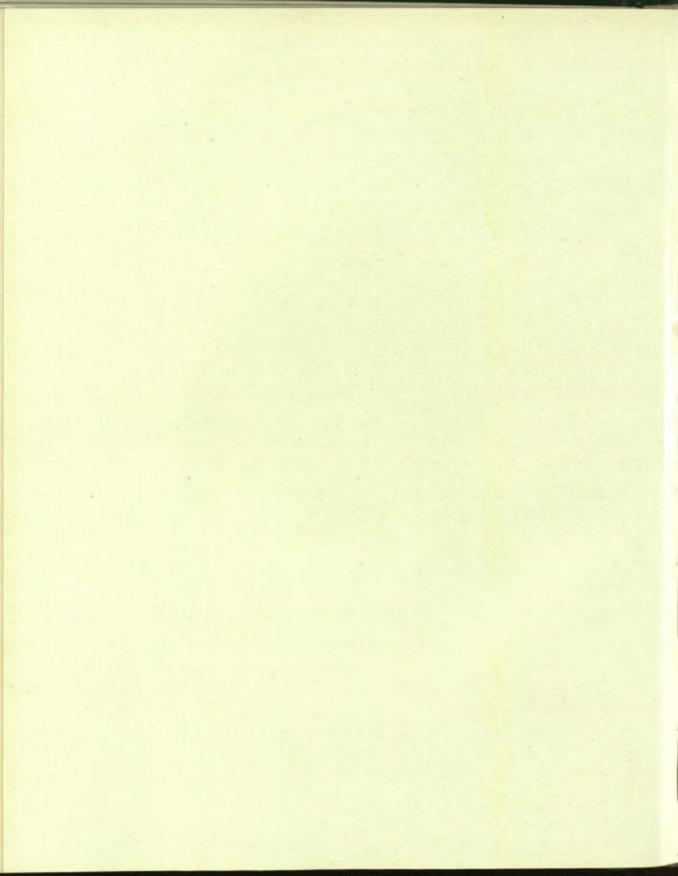
Frater in Facultate Henry Greenleaf Pearson

Fratres

Maurice Phelps Anderson
Benjamin Snively Bonebrake
William Frederic Dolke, Jr.
Merton White Hopkins
Leslie Mansfield Huggins
William Edward Humphreville, Jr.
William Hennick Martin
Theodore Frederic Walter Meyer
George Lee Paullis
Alfonso Washington Pezet
Stuart Cary Sargent
Arthur Leon Stein
Horace Eugene Stump
Harry Dexter Peck (ΕΓΓΥΑΩ)
Ralph Frederick Symonds (ΕΓΓΥΑΩ)

285 Newbury Street





Delta Psi

CHAPTER ROLL

Alpha Columbia University

Delta University of Pennsylvania

Epsilon Trinity College

Lambda Williams College

Phi University of Mississippi

Sigma Sheffield Scientific School, Yale

Tau Massachusetts Institute of Technology

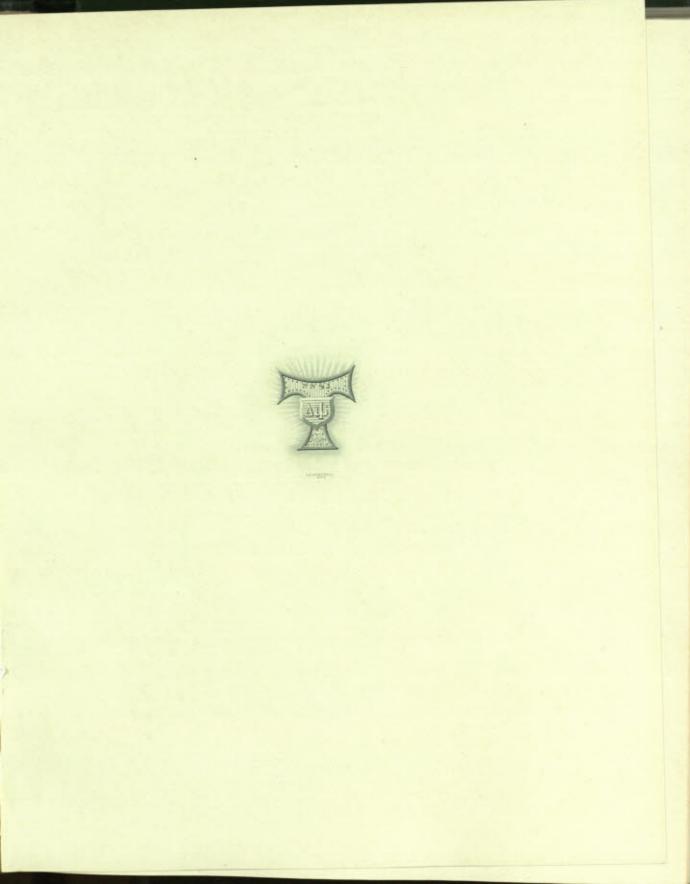
Upsilon University of Virginia

Delta Psi

TAU CHAPTER

HAROLD BICKHAM BEEBE BRAXTON BIGELOW MALCOLM BRUCE BROWNLEE, JR. ARTHUR MOXHAM COLEMAN JOHN PIERREPONT CONSTABLE ROBERT SAYRE COX Luis de Florez CHARLES FRENCH DOBLE CHARLES EDISON ADOLPHUS WASHINGTON GREELY ALEXANDER GRISWOLD HERRESHOFF Aurelius Pointer Horner ALFRED GALPIN KELLOGG AUSTIN BLAKE MASON HAMILTON MERRILL HENRY JAMES GRAY RUDOLF NATHANIEL McLEAN SAGE

6 Louisburg Square





Chi Phi

CHAPTER ROLL

A	University of Virginia	Charlottesville, Va.
В	Massachusetts Institute of Technology	Boston, Mass.
г	Emory College	Oxford, Ga.
Δ	Rutgers College	New Brunswick, N.J.
E	Hampden-Sidney College	Hampden-Sidney, Va
Z	Franklin and Marshall College	Lancaster, Pa.
H	University of Georgia	Athens, Ga.
Θ	Rensselaer Polytechnic Institute	Troy, N.Y.
1	Ohio State University	Columbus, Ohio
Λ	University of California	Berkeley, Cal.
M	Stevens Institute of Technology	Hoboken, N.J.
N	University of Texas	Austin, Tex.
Ξ	Cornell University	Ithaca, N.Y.
0	Sheffield Scientific School, Yale University	New Haven, Conn.
P	Lafayette College	Easton, Pa.
Φ	Amherst College	Amherst, Mass.
X	Dartmouth College	Hanover, N.H.
Ψ	Lehigh University	South Bethlehem, Pa.
Ω	Georgia School of Technology	Atlanta, Ga.

Chi Phi

BETA CHAPTER

ESTABLISHED 1890

CHARLES ALMY, JR. PERLEY KIMBALL BROWN SAMUEL HOAG CORNELL HENRY CLARENCE DAVIS, JR. KINSLEY VAN RENSSELAER DEY RALPH HARRINGTON DOANE Andrew Lawrie Fabens DAVID SAINT PIERRE GAILLARD WILLIAM HOOPER JOUETT LESTER HAZEN KING PHILIP GATCH LAUMAN RODNEY MESSENGER LOWE FRED DUNLAP MENDENHALL HENRY NOYES OTIS DUDLEY WINSTON PHELPS NATHANIEL STEVENS SEELEY JOHN SOLEY SELFRIDGE Samuel Woodworth Selfridge Donald Higgins Van Deusen HAROLD DAMRELL WALKER IRVING WHITE WILSON

44 The Fenway



EAMERCHIA



Delta Kappa Epsilon

CHAPTER ROLL

Phi	Yale University	1844
Theta	Bowdoin College	1844
Xi	Colby University	1845
Sigma	Amherst College	1846
Gamma	Vanderbilt University	1847
Psi	University of Alabama	1847
Upsilon	Brown University	1850
Chi	University of Mississippi	1850
Beta	University of North Carolina	1851
Eta	University of Virginia	1852
Kappa	Miami University	1852
Lambda	Kenyon College	1852
Pi	Dartmouth College	1853
Iota	Central University of Kentucky	1854
Alpha Alpha	Middlebury College	1854
Omicron	University of Michigan	1855
Epsilon	Williams College	1855
Rho	Lafayette College	1855
Tau	Hamilton College	1856
Mu	Colgate University	1856
Nu	College of the City of New York	1856
Beta Phi	University of Rochester	1856
Phi Chi	Rutgers College	1861
Psi Phi	De Pauw University	1866
Gamma Phi	Wesleyan University	1867
Psi Omega	Rensselaer Polytechnic Institute	1867
Beta Chi	Adelbert College	1868
Delta Chi	Cornell University	1870
Delta Delta	Chicago University	1870
Phi Gamma	Syracuse University	1871
Gamma Beta	Columbia College	1874
Theta Zeta	University of California	1876
Alpha Chi	Trinity College	1879
Phi Epsilon	University of Minnesota	1889
Sigma Tau	Massachusetts Institute of Technology	1890
Tau Lambda	Tulane University	1898
Alpha Phi	University of Toronto	1898
Delta Kappa	University of Pennsylvania	1899
Tau Alpha	McGill University	1901
Sigma Rho	Leland Stanford, Jr., University	1902
Delta Pi	University of Illinois	1904
Rho Delta	University of Wisconsin	1907

Delta Kappa Epsilon

SIGMA TAU CHAPTER

ESTABLISHED 1890

Fratres in Facultate

ALFRED EDGAR BURTON

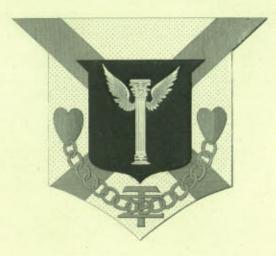
MAURICE DE KAY THOMPSON, JR.

Fratres

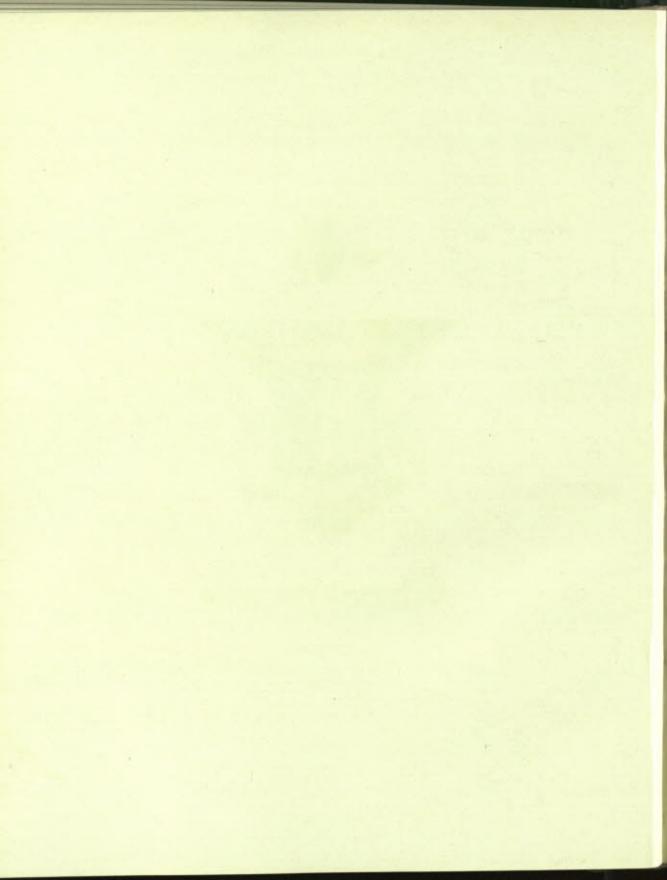
FREDERICK WILLIAM BARKER, JR. HALSEY ELWELL DEAN ABNER FALES Roger Morse Freeman Joseph Cheever Fuller RALPH TROWBRIDGE HANSON JEROME CLARKE HUNSAKER RALPH BRANDRETH KENNARD HAROLD LOCKETT NORMAN DOUGLASS MACLEOD HENRY HINMAN PARTRIDGE BRADLEY TRAVIS ROSS WILLIAM CONYNE SALISBURY HUBERT STACY SMITH ROSSLYN SMYTHE-MARTIN SAMUEL SPRAGUE STEVENS CLARENCE AUGUSTUS STEWART PHILIP DUNBAR TERRY MERRILL WILLIAM TILDEN EDWARD LONGFELLOW WADSWORTH PRESCOTT KINGSLEY WADSWORTH GEORGE RODNEY WALLACE, JR. RICHARD PARKER WALLIS KENNETH WEEKS THEODORE BROWNING WHITTEMORE JOHN CAULFIELD WOODRUFF

215 Newbury Street









Phi Beta Epsilon

LOCAL AT TECHNOLOGY

Founded 1890

Phi Beta Epsilon

ESTABLISHED 1890

Fratres

RAYNOR HUNTINGTON ALLEN SAMUEL BRECK, JR.
FRANK WALKER CALDWELL RICHARD BELMONT CATTON PHILIP WHITE DALRYMPLE CHARLES EDWARDS, JR.
ELISHA NOEL FALES CHRISTOPHER FALLON ALLEN ADAMS GOULD RICHARD HARTSHORN GOULD PHILIP HART HENRY GORDON HAWES, JR. GORTON JAMES GERALD MARCY KEITH

Walter Wellington King
Richard Wheatley Lewis
Malcolm Dana Price
Charles Bacon Rowley
Lewis Switzer Southwick
Donald Read Stevens
Edgar Whittaker Taft
Frank Griffiths Taite
Charles Elliott Tilton
Van Court Warren
Max Leon Waterman
Gordon Ball Wilkes
Donald Voorhis Williamson
Dwight Mead Wyman

Fratres in Urbe

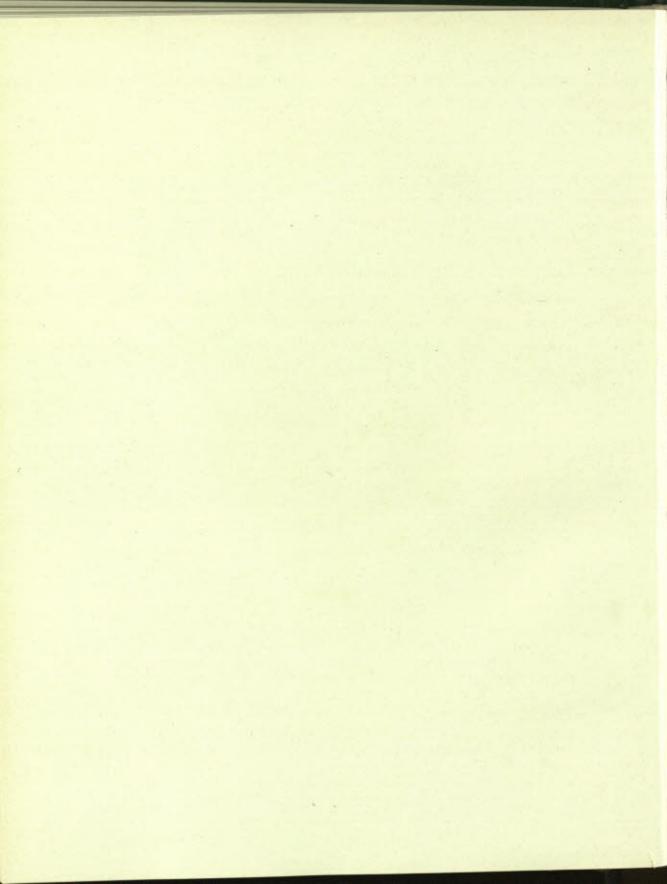
FRANK SPENCER AREND HARRY NELSON ATWOOD LATIMER WILLIS BALLOU STEPHEN BOWEN James Salisbury Brown PAUL BURDETT Paul Ernest Chalifoux JOHN PICKMAN DAVIS RICHARD BAKER DERBY NUGENT FALLON George Isaac Fiske RALPH STOWELL FRANKLIN Andrew Daniel Fuller GEORGE ARTHUR FULLER ROBERT LESURE FULLER GEORGE WELLINGTON HAYDEN WALTER TURNER HOOVER

SHELDON LEAVITT HOWARD HARRY GEORGE JOHNSON CLARENCE ARTHUR LORD Anthony Paul Mathesius FRANK KOLLOCK MITCHELL GEORGE OWEN ALBERT MANTON READ Donald Goodrich Robbins THOMAS PENDLETON ROBINSON WALTER FREDERICK ROPER CHARLES SAVILLE CHARLES ADRIAN SAWYER, JR. RALPH EDMUND SAWYER George Frederick Shepard, Jr. JOHN GIFFORD THOMPSON CHARLES FOSTER TILLINGHAST WILLIAM MARTIN VAN AMRINGE

Joseph Damon Whittemore



EXPERIENCE



Delta Apsilon

FOUNDED AT WILLIAMS COLLEGE, 1834

CHAPTER ROLL

1834	Williams	Williamstown, Mass.
1838	Union	Schenectady, N.Y.
1847	Hamilton	Clinton, N.Y.
1847	Amherst	Amherst, Mass.
1847	Western Reserve	Cleveland, Ohio
1852	Colby	Waterville, Me.
1852	Rochester	Rochester, N.Y.
1856	Middlebury	Middlebury, Vt.
1857	Bowdoin	Brunswick, Me.
1858	Rutgers	New Brunswick, N.J.
1860	Brown	Providence, R.I.
1865	Colgate	Hamilton, N.Y.
1865	New York	New York City
1868	Miami	Oxford, Ohio
1869	Cornell	Ithaca, N.Y.
1870	Marietta	Marietta, Ohio
1873	Syracuse	Syracuse, N.Y.
1876	Michigan	Ann Arbor, Mich.
1880	Northwestern	Evanston, Ill.
1880	Harvard	Cambridge, Mass.
1885	Wisconsin	Madison, Wis.
1885	Lafayette	Easton, Pa.
1885	Columbia	New York City
1885	Lehigh	South Bethlehem, Pa.
1886	Tufts	West Somerville, Mass.
1887	De Pauw	Greencastle, Ind.
1888	Pennsylvania	Philadelphia, Pa.
1890	Minnesota	Minneapolis, Minn.
1891	Technology	Boston, Mass.
1893	Swarthmore	Swarthmore, Pa.
1896	California	Berkeley, Cal.
1896	Leland Stanford, Jr.	Palo Alto, Cal.
1898	Nebraska	Lincoln, Neb.
1898	McGill	Montreal, Canada
1899	Toronto	Toronto, Canada
1901	선물을 가지하는 것이 하는 것이 없는 것이 없는 것이 되었다. 그 사람들은 그 없는 것이 없는 것이다.	Chicago, Ill.
1901		Columbus, Ohio
1904	THE T	Champaign, Ill.
1909	Illinois	Champaign, III.

Delta Upsilon

TECHNOLOGY CHAPTER

ESTABLISHED 1891

Fratres in Facultate

LOUIS DERR

HARRISON W. SMITH

FRANK VOGEL

Fratres

James McArthur Beale
George Alvin Cowee
James Alexander Cox
Ralph Nelson Doble
Stafford Allen Francis
James Collord Goff
Raymond Bontecou Haynes
William Norman Holmes
George Howell Jones
Munroe Rhodes Pevear

HARRY EPHRAIM PRENTICE
SCOTT BRADSTREET PUTNAM
EARL JAMES WILSON RAGSDALE
WILBUR TAYLOR ROBERTS
HAROLD ATHERTON ROBINSON
HOWARD REED SCHULZE
JOHN HARRIS SCOVILLE
DAVID AYARS STODDART
KURT VONNEGUT
CLARENCE RICHARDSON WOODWARD

Fratres in Urbe.

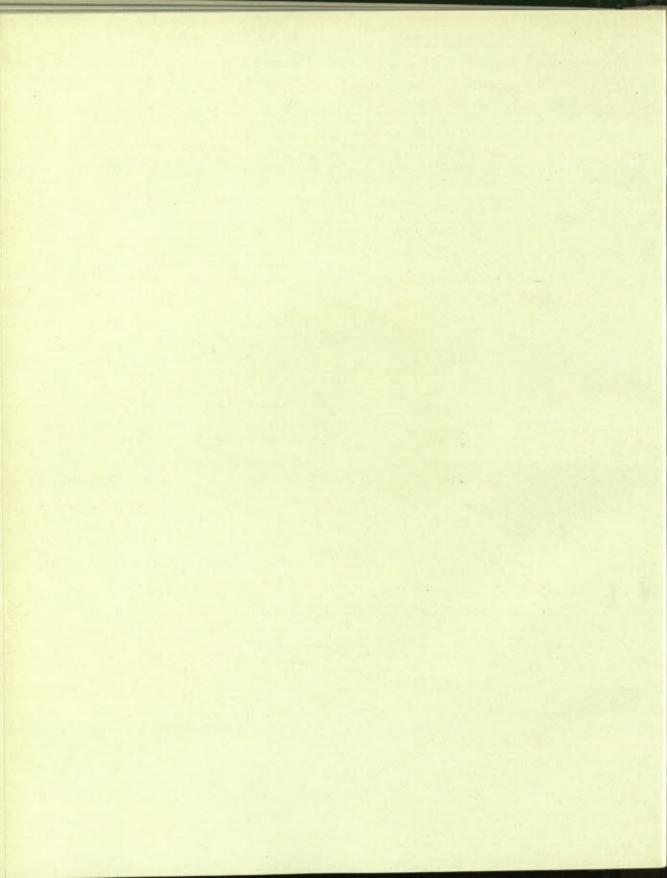
JOSHUA ATWOOD, 3D
ARTHUR WARREN DEAN
GEORGE PHILLIPS DIKE
CHARLES WARREN HAPGOOD
CYRUS HOWARD HAPGOOD
VALDEMAR FRANK HOLMES
JOHN WINSLOW HORR
WILLIAM SPENCER HUTCHINSON
ALBERT LINCOLN KENDALL
ASA HALL MORRILL
ROBERT PORTER NICHOLS
WALTER ELBRIDGE PIPER

CHARLES ARTHUR RECORD
MILES STANDISH RICHMOND
JOHN CARLETON SHERMAN
SIDNEY TALBOT STRICKLAND
CLIFFORD MELVILLE SWAN
ALBERT BALL TENNEY
MAURICE CRAWFORD TOMPKINS
GILBERT SANDERS TOWER
EVERETT PENDLETON TURNER
HOWARD CHUBBUCK TURNER
HARRY WARREN UPHAM
GEORGE REED WADSWORTH

1069 Beacon Street



CAMPBIC NO.



Sigma Alpha Epsilon

FOUNDED IN 1856 AT ALABAMA STATE UNIVERSITY, TUSCALOOSA, ALA.

CHAPTER ROLL

Maine Alpha University of Maine Massachusetts Iota Tau Massachusetts Institute of Technology Massachusetts Beta Upsilon . . Massachusetts Gamma Harvard University Massachusetts Delta Worcester Polytechnic Institute . New Hampshire Alpha Dartmouth College New York Alpha . . . Cornell University . New York Mu. Columbia University . . . New York Sigma Phi St. Stephens College . . . Allegheny College Pennsylvania Omega . Pennsylvania Sigma Phi Dickinson College Pennsylvania Alpha Zeta . Pennsylvania State College . Pennsylvania Zeta Bucknell University Pennsylvania Delta Gettysburg College Pennsylvania Theta University of Pennsylvania . . . Virginia Omicron University of Virginia Washington and Lee University . . . Virginia Sigma Washington City Rho . George Washington University . . . North Carolina Xi University of North Carolina . . Davidson College North Carolina Theta . Wofford College . South Carolina Gamma . Georgia Beta University of Georgia . Mercer University Georgia Psi Georgia Epsilon Emory College. Georgia School of Technology Georgia Phi . . University of Michigan Michigan Iota Beta . . . Michigan Alpha Adrian College Ohio Sigma Mount Union College Ohio Delta Ohio Wesleyan University University of Cincinnati . . . Ohio State University . Case School of Applied Science Ohio Rho . Indiana Alpha Franklin College Indiana Beta Purdue University Illinois Psi Omega Northwestern University Kentucky Kappa Central University Bethel College . Kentucky State College Southwestern Presbyterian University Cumberland University Tennessee Mu Vanderbilt University Tennessee Kappa University of Tennessee Tennessee Omega University of the South

Orono, Me. Boston, Mass. Boston, Mass. Cambridge, Mass. Worcester, Mass. Hanover, N.H. Ithaca, N.Y. New York, N.Y. Annandale, N.Y. Meadville, Pa. Carlisle, Pa. State College, Pa. Lewisburg, Pa. Gettysburg, Pa. Philadelphia, Pa. Charlottesville, Va. Lexington, Va. Washington, D.C. Chapel Hill, N.C. Davidson, N.C. Spartansburg, S.C. Athens, Ga. Macon, Ga. Oxford, Ga. Atlanta, Ga. Ann Arbor, Mich. Adrian, Mich. Alliance, Ohio Delaware, Ohio Cincinnati, Ohio Columbus, Ohio Cleveland, Ohio Columbus, Ind. LaFayette, Ind. Evanston, Ill. Champaign, Ill. Chicago, Ill. Richmond, Ky. Russelville, Ky. Lexington, Ky. Clarksville, Tenn. Lebanon, Tenn. Nashville, Tenn. Knoxville, Tenn. Sewanee, Tenn.

Southwestern Baptist University Jackson, Tenn. University of Alabama Alabama Mu Tuscaloosa, Ala. Greensboro, Ala. Alabama Iota Southern University Alabama Polytechnic Institute . . . Alabama Alpha Mu Auburn, Ala. University of Mississippi University of Missouri Mississippi Gamma. Oxford, Miss. Missouri Alpha Columbia, Mo. Washington University St. Louis, Mo. Missouri Beta Nebraska Lambda Pi University of Nebraska Lincoln, Neb. Arkansas Alpha Upsilon University of Arkansas Fayetteville, Ark. University of Kansas . . . Kansas Alpha Lawrence, Kan. Iowa Beta . . . Iowa State University Iowa City, Ia. Austin, Tex. Texas Rho University of Texas University of Colorado Boulder, Col. Colorado Chi Colorado Zeta Denver University Denver, Col. Colorado School of Mines Golden, Col. Colorado Gamma Leland Stanford, Jr., University . . . Palo Alto, Cal. California Alpha University of California Berkeley, Cal. California Beta Louisiana Tau Upsilon . . . Tulane University New Orleans, La. Louisiana Epsilon
Minnesota Alpha
Wisconsin Alpha
Oklahoma Kappa Louisiana State University Baton Rouge, La. University of Minnesota University of Wisconsin Minneapolis, Minn. Madison, Wis. University of Oklahoma Norman, Okla.

Sigma Alpha Epsilon

MASSACHUSETTS IOTA TAU CHAPTER

Fratres

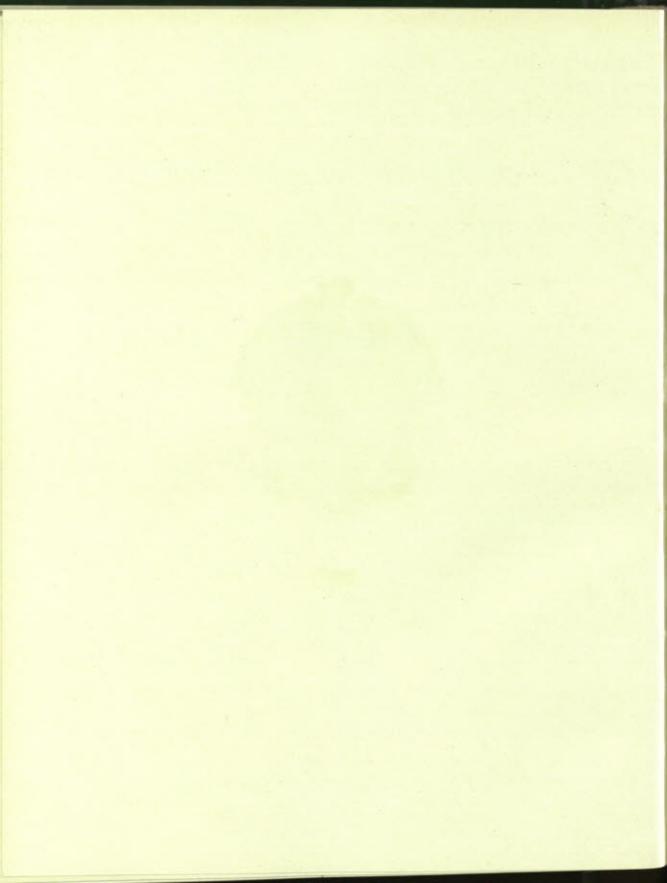
ALLAN JACK ARMSTRONG
VAN ZANDT BEALL
FRANK FREDERICK BELL
WALTER ROBERT BYLUND
ARTHUR CAMPBELL
LLOYD CARTWRIGHT COOLEY
WILLIAM HOWARD DUFFIELD
ARCHIBALD EICHER
PHILLIP THOMAS HARRIS
LAURENCE COLLETT HART
ROGER FRANK HILL

EDWARD KENWAY
CHARLES WILLIAM HOMEYER, JR.
STRATHY RIDOUT MACKELLAR
HAROLD CROSBY MANSON
EDMUND BURKE MOORE
JAMES HENRY MORLEY
WALTER PAUL MUTHER
WRIGHT SHUTTLEWORTH
JOHN ALEXANDER URQUHART
HENRY WAGGONER VAN HOVENBURG
ROBERT ODIORNE WOOD

263 Newbury Street



Examples and



Delta Can Delta

ESTABLISHED AT BETHANY COLLEGE, 1859

CHAPTER ROLL

Southern Division

		can to can tax.	
I'd a comment	Mark Forces		University of Mississippi
			Washington and Lee University
Beta Theta	40.404.04		University of the South
Beta Iota			University of Virginia
Beta Xi			Tulane University
			George Washington University

Western Division

					University of Iowa
Beta Gamma .		-		10101 101 10	University of Wisconsin
Beta Eta	10.1	1000			University of Minnesota
Beta Kappa					
Beta Pi Beta Rho	×200	10101	3 16 EL TO 1	#58.0 Kot 15	Northwestern University
Beta Rho		1 1 1			Leland Stanford, Jr., University
Beta Tau		100000	1 1 1 1 1 1 1	to the total of the	University of Nebraska
Beta Upsilon .	3 1	1	10 -1-1		
Beta Omega	. 76	27.00	1 7 1 1 1	1 16 11 1	University of California
Gamma Alpha .		41.74.74	4.04 ((30.14	1.000 000	University of Chicago
Gamma Beta		+144		The second	Armour Institute of Technology
Gamma Theta .					Baker University
Gamma Kappa		0000		1 1 1 1 1 1	University of Missouri University of Washington
Gamma Mu	1	11.	P 1 1 1 1 1 1	1911 111	University of Washington

Northern Division

Beta	44	YEST DELEGA	115 70	10000 100	Ohio University
Delta			****	51.535 to	University of Michigan
Epsilon			10101 1911	2014 11	Albion College
Zeta				2012	Western Reserve University
Kappa					Hillsdale College
Mu				100	Ohio Wesleyan University
Chi					Kenyon College
Beta Alpha					Indiana University
Beta Beta		THE PARTY			DePauw University
Beta Zeta					University of Indianapolis
Beta Phi		100		Date:	Ohio State University
Reta Pai	00110		4.54. 1.31.03	*) NO. C	Wabash College
Beta Psi Gamma Delta	1 1	OHE THOSE	565 TEUT	1070 1 5	West Virginia University
Gamma Detta .		*** *	1 1 1 1 1 1		
Gamma Lambda		200 0000	200 0000		Purdue University
		Die Korne			University of Cincinnati

Eastern Division

Alpha																			Allegheny College
Gamma																			Washington and Jefferson College
Nu																			
Rho				100	1/9					0.09	5		35	30				,	Stevens Institute of Technology
Upsilon .				+	1.4					96			6	-	1			9	Rensselaer Polytechnic Institute
Omega		E.	10	8	-				K		E	4	6	41		÷			University of Pennsylvania
Beta Lambda			1	10	¥	8			1	1								-	Lehigh University
Beta Mu .			à.	4.0			3		-	1	6							-	Tufts College
Beta Nu .		55	d	33	2	10	13	93		-	-	15				-	-		Massachusetts Institute of Technology
Beta Omicron																			
Beta Xi			-		-			16	÷				276	*	-		- 2	-	Brown University
Gamma Gamma Epsil	ma	1		83	27	1			-	12	1		9	8.	3		1	1	Dartmouth College
Gamma Epsu	lon							- 1		000		10.1	6	10		á	4		Columbia University
Gamma Zeta				1	1	1	1	17	22	53	0	4		**	15	7	3	-	Wesleyan University University of Maine
Gamma Nu	6				00					O.E.		-	11	1		14	14	-	University of Maine

Delta Can Delta

BETA NU CHAPTER

ESTABLISHED 1889

Fratres

HENRY ANDREWS BABCOCK	HENRY CHARLES FRISBIE
KESTER BARR	HAROLD GREENLEAF
JOHN LINCOLN BARRY, 3D	KENNETH GREENLEAF
John Becker, Jr.	Charles Foster Hobson
DAVID FRY BENBOW	THOMAS RIDGEWAY LATHROPE
CHARLES JOSIAH BELDEN	LASLEY LEE
LEROY BLOCK	EDWARD MONTGOMERY
HERBERT SQUIRES CLEVERDON	JOHN STEPHENS MARTIN
DANIEL FREDRICK CONLON, JR.	EDWARD ARDERY NASH
STUART BROWN COPELAND	JAMES BUCHANAN PIERCE, JR.
Louis Osborne French	ROBERT ORNE RIDER

RUSSELL DIEMER WELLS

Fratres in Urbe

ALBERT FITCH BANCROFT	BEARDSLEY LAWRENCE
RAYMOND JAMES BARBER	JOHN MILLER
HOWARD P. BELKNAP	John Lewis Newell
ROBERT MORSE FOLSOM	HENRY BODGE PENNELL
Rufus Coffin Folsom	George Arnold Rockwell
CARL WILLIAM GRAM	ARTHUR LASSELL SHAW
GEORGE FOSTER HOBSON	FREDERICK POND SIMONDS

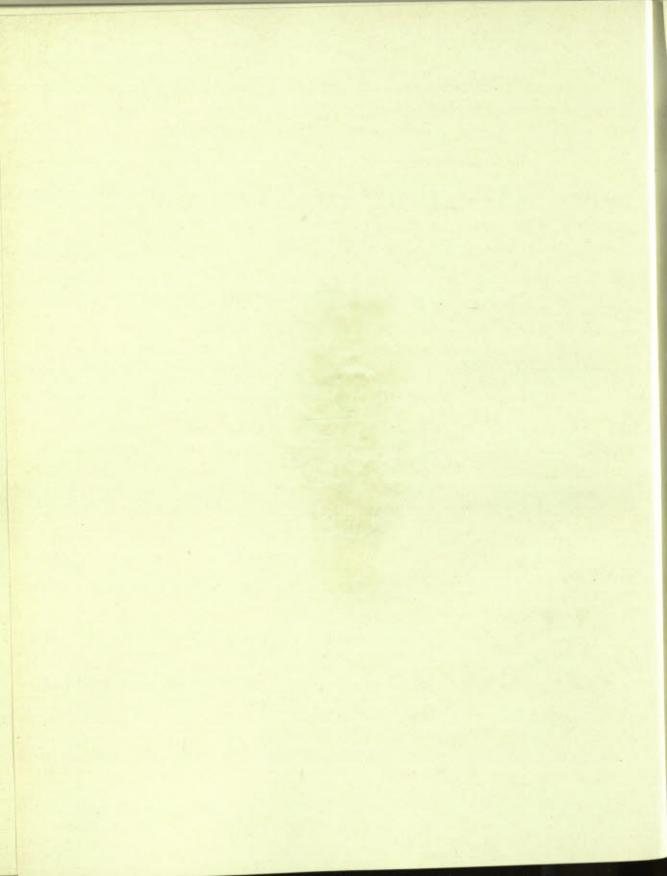
ERNEST J. H. WATERS

234 Newbury Street

[186]



Dreka Phila Copyrighti



Phi Gamma Delta

ESTABLISHED 1848

CHAPTER ROLL

Al-la	Walinston and Loffenson College	Washington Do
Alpha	Washington and Jefferson College	Washington, Pa.
Lambda	De Pauw University	Greencastle, Ind.
Nu	Bethel College	Russelville, Ky.
Omicron	University of Virginia	Charlottesville, Va.
Xi	Pennsylvania College	
Pi	Allegheny College	Meadville, Pa.
Tau	Hanover College	Hanover, Ind.
Psi	Wabash College	Crawfordsville, Ind.
Omega	Columbia University	New York, N.Y.
Alpha Deuteron	Illinois Wesleyan University	Bloomington, Ill.
Gamma Deuteron .	Knox College	Galesburg, Ill.
Zeta Deuteron	Washington and Lee College	Lexington, Va.
Theta Deuteron	Ohio Wesleyan University	Delaware, Ohio
Zeta	Indiana State University	
Nu Deuteron	Yale University	New Haven, Conn.
Omicron Deuteron	Ohio State University	Columbus, Ohio
Beta	University of Pennsylvania	Philadelphia, Pa.
Pi Deuteron	University of Kansas	Lawrence, Kan.
	Bucknell College	
Delta	Denison University	
	Wooster University	Wooster, Ohio
Rho Deuteron	Wooster University	Easton, Pa.
Sigma Deuteron	Lafayette College	
Sigma	Wittenburg College	
Zeta Phi	William Jewell	
Delta Xi	University of California	
Theta Psi	Colgate University	
Delta Chi	Lehigh University	Bethlehem, Pa.
Gamma Phi	Pennsylvania State College	State College, Pa.
Iota Mu	Massachusetts Institute of Technology	Boston, Mass.
Kappa Nu	Cornell University	Ithaca, N.Y.
Mu Sigma	University of Minnesota	Minneapolis, Minn.
Rho Chi	Richmond College	Richmond, Va.
Beta Mu	Johns Hopkins	Baltimore, Md.
Kappa Tau	University of Tennessee	Knoxville, Tenn.
Pi Iota	Worcester Polytechnic Institute	Worcester, Mass.
Nu Epsilon	New York University	University Heights, N.Y.
Alpha Chi	Amherst College	Amherst, Mass.
Tau Alpha	Trinity College	Hartford, Conn.
Chi	Union College	Schenectady, N.Y.
Mu	University of Wisconsin	Madison, Wis.
Chi Iota	University of Illinois	Champaign, Ill.
Lambda Nu	University of Nebraska	Lincoln, Neb.
Chi Mu	University of Missouri	Columbia, Mo.
	University of Maine	Orono, Me.
Omega Mu	Chiversity of Maine	

Sigma Tau	University of Washington	Seattle, Wash.
	Dartmouth College	
Sigma Nu	University of Syracuse	Syracuse, N.Y.
Theta	University of Alabama	Tuscaloosa, Ala.
Tau Deuteron	University of Texas	Austin, Tex.
	Adelbert College	
	Purdue University	
Pi Rho	Brown University	Providence, R.I.
Chi Upsilon		
	University of Michigan	
Lambda Sigma	Leland Stanford, Jr., University	Palo Alto, Cal.
Alpha Iota	Iowa State College	Ames, Ia.
Chi Sigma	Colorado College	Colorado Springs, Col.

Phi Gamma Delta

IOTA MU CHAPTER

ESTABLISHED 1889

Frater in Facultate HENRY PAUL TALBOT

Fratres

ALLAN RUSSELL ATWATER
HAROLD SHELTON ARNOLD
JOHN AVERY, JR.
PHILIP STEARNS AVERY
DONALD EARL BENT
HAROLD DEXTER BILLINGS
GUY WILLARD BOLTÉ
CLAUDE FRANCIS CAIRNS
FRED HAROLD DANIELS, JR.
GURDON IRVING EDGERTON
HORACE BYRON FAY
HENRY KENNETH FRANZHEIM

RUSSELL HASTINGS
CLIFFORD CHASE HIELD
ALBERT KIMBALL HUCKINS
HAROLD ERIC KEBBON
REVERE BURNHAM PULSIFER
DONALD HAFF RADFORD
WILLIAM MCNAIR SCHOFIELD
OSBORNE HARRIS SHENSTONE
FREDERICK JOHNSON SHEPARD, JR.
JAMES STUART SNEDDON
HENRY WILSON STUCKLEN
GEORGE SMYTH WATSON

PERCY GREENE WHITMAN

12 Newbury Street



A WHITE PARTY



Phi Sigma Kappa

ESTABLISHED 1873

CHAPTER ROLL

Alpha	Massachusetts Agricultural College	Amherst, Mass.
Beta	Union University	Albany, N.Y.
Gamma	Cornell University	Ithaca, N.Y.
Delta	West Virginia University	Morgantown, W. Va.
Epsilon	Yale University	New Haven, Conn.
Zeta	College of the City of New York	New York City
Eta	University of Maryland	Baltimore, Md.
Theta	Columbia University	New York City
Iota	Stevens Institute of Technology	Hoboken, N.J.
Kappa	Pennsylvania State College	State College, Pa.
Lambda	George Washington University	Washington, D.C.
Mu	University of Pennsylvania	Philadelphia, Pa.
Nu	Lehigh University	South Bethlehem, Pa.
Xi	St. Lawrence University	Canton, N.Y.
Omicron	Massachusetts Institute of Technology	Boston, Mass.
Pi	Franklin and Marshall College	Lancaster, Pa.
Rho	Queen's College	Kingston, Ontario
Sigma	St. John's College	Annapolis, Md.
Tau	Dartmouth College	Hanover, N.H.
Upsilon	Brown University	Providence, R.I.
Phi	Swarthmore College :	Swarthmore, Pa.
Chi	Williams College	Williamstown, Mass.
Psi	University of Virginia	Charlottesville, Va.
Omega	University of California	Berkeley, Cal.

Phi Sigma Kappa

OMICRON CHAPTER

ESTABLISHED 1902

WILLIAM CLARK ARKELL
ROGER TALBOT BOYDEN*
HERBERT HOWARD CALVIN
ADOLPH CHARLES CARDINAL*
MARSHALL ERNEST COMSTOCK
RICHARD BLODGETT CROSS
HOWARD SLOCUM CURRIER
MANUEL FONT
GUY NICHOLS HARCOURT
RALPH WARREN HORNE
OTIS HUTCHINS
IRVING PATTERSON KANE

Fratres

GEORGE ALEXANDER LITCHFIELD
WILLIAM ANTHONY MAHONEY
HARRY LESTER MANLEY
ALFRED STANDISH MILLIKEN
WILLIAM GEYER RHOADES*
WALTER SCOFIELD, JR.
ROBERT PARKER SHERMAN
WARREN JAMES SIMONDS
KARL DONALD STELLWAGEN
BERNARD WOODBURY STEVENS
JOSEPH INGRAHAM TAYLOR
EDWARD MAYO TOLMAN
EDWIN OSGOOD UPHAM

Fratres in Urbe

FREDRIC EUGENE BANFIELD JOHN ANDERSON CHRISTIE LESLIE GORDON GLAZIER JOHN BRAYTON HARLOW

GEROULD TAYLOR LANE

EDWARD MANSON READ, JR. RUDOLF WILLIAM RIEFKOHL EDMUND HINCKS SQUIRES PAUL ELLIS THOMPSON

* Absent on Leave.

16 Exeter Street



LANGERGENA



Theta Chi

FOUNDED AT NORWICH UNIVERSITY, 1856

CHAPTER ROLL

Alpha	Norwich University	Northfield, Vt.
Beta	Massachusetts Institute of Technology	Boston, Mass.
Gamma	University of Maine	Orono, Me.
Delta	Rensselaer Polytechnic Institute	Troy, N.Y.
Epsilon	Worcester Polytechnic Institute	Worcester, Mass.

Theta Chi

BETA CHAPTER

ESTABLISHED 1902

Fratres

WILLIAM ELLSWORTH BARNES, JR.
ELDRED EDWARD BESSE
HAROLD CHESTER BROWN
ROBERT FIELD BURNETT
FREDERIC KARL CASTELHUN
ORRIN JAMES CROMMETT
WILLIAM NOEL DREW
RAYMOND CELDEN FOSTER
HAROLD LOCKE LANG

FRED RICHARDS LUFKIN
JOHN WINSLOW NICKERSON
HAROLD MORRILL RAND
FOSTER RUSSELL
HAROLD ALFRED SMITH
ROBERT LEWIS SMITH
JOHN CULLITON TUTTLE
JOHN ARTEMAS WILLARD
CHESTER WORCESTER WILSON

Fratres in Urbe

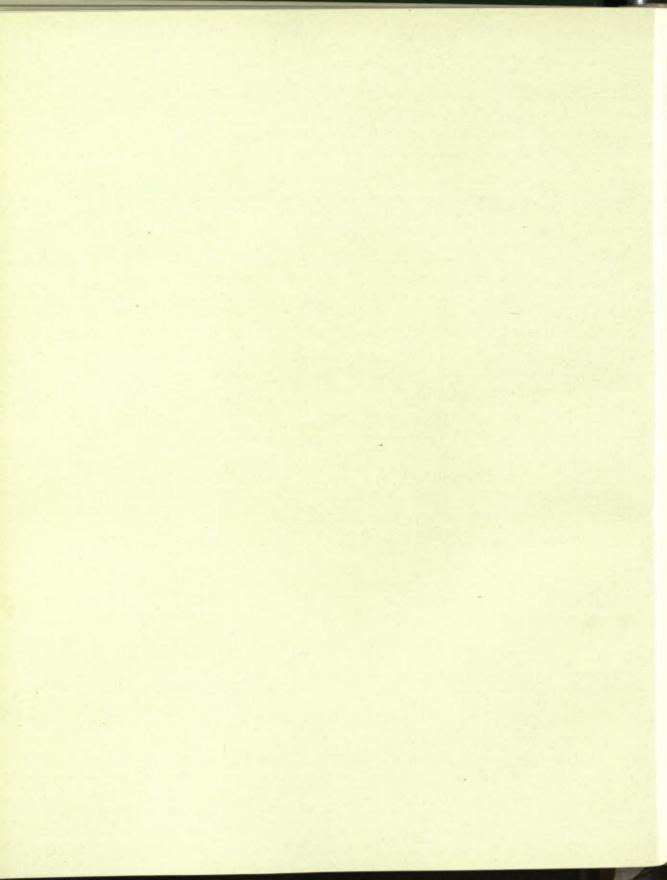
ARTHUR G. BAKER R. M. Blanchard HARRY K. BRIGGS NORMAN CALL GEORGE H. CHAPIN, JR. E. Wesson Clark LEO B. CLOGSTON WILLIAM E. CLOGSTON WILLIAM B. CUTTER RAY S. Dow H. C. FAXON HUBERT W. FLAHERTY HEMAN A. GILLETTE Joseph J. Hackett RALPH C. HEATH J. Albert Holmes George L. Huntoon EDWARD R. HYDE JAMES W. KIDDER

LEROY E. KNIGHT S. RAYMOND KNIGHT J. H. LOCKE SHERMAN LOUGEE HERMAN W. MAHR G. R. MARTIN George F. MITCHELL L. E. NEWTON ROLAND E. PAGE R. T. Pollock ALDEN M. PARKER CHARLES W. PIERCE W. E. Poor R. O. REED GUY G. RUSSELL PERCY R. SEAMON PAUL B. WEBBER RODNEY WHEELER CHARLES H. WOOD

80 St. Botolph Street



I AMELICANA DEPO



Phi Kappa Sigma

FOUNDED AT THE UNIVERSITY OF PENNSYLVANIA IN 1850

CHAPTER ROLL

Alpha	University of Pennsylvania, Philadelphia, Pa	1850
Delta	Washington and Jefferson College, Washington, Pa	1854
Epsilon	Dickinson College, Carlisle, Pa	1854
Zeta	Franklin and Marshall College, Lancaster, Pa.	1854
Eta	University of Virginia, Charlottesville, Va.	1854
Iota	Columbia University, New York, N.Y.	1855
Mu	Tulane University, New Orleans, La	1858
Rho	University of Illinois, Champaign, Ill.	1892
Tau	Randolph-Macon College, Ashland, Va.	1872
Upsilon	Northwestern University, Evanston, Ill.	1872
Phi	Richmond College, Richmond, Va	1873
Psi	Pennsylvania State College, State College, Pa	1891
Alpha Alpha	Washington and Lee University, Lexington, Va	1894
Alpha Gamma	University of West Virginia, Morgantown, W. Va.	1896
Alpha Delta	University of Maine, Orono, Maine	1898
Alpha Epsilon	Armour Institute of Technology, Chicago, Ill.	1898
Alpha Zeta	University of Maryland, Baltimore, Md	1899
Alpha Theta	University of Wisconsin, Madison, Wis	1901
Alpha Iota	Vanderbilt University, Nashville, Tenn	1902
Alpha Kappa	University of Alabama, University P.O., Ala	1903
Alpha Lambda	University of California, Berkeley, Cal	1903
Alpha Mu	Massachusetts Institute of Technology, Boston, Mass	1903
Alpha Nu	Georgia School of Technology, Atlanta, Ga	1904
Alpha Xi	Purdue University, Lafayette, Ind.	1905
Alpha Omicron	University of Michigan, Ann Arbor, Mich.	1905
Alpha Pi	University of Chicago, Chicago, Ill.	1906

ALUMNI CHAPTERS

Philadelphia	Chicago	Pittsburg	New Orleans
Richmond	New York	Baltimore	Southern California

Phi Kappa Sigma

ALPHA MU CHAPTER

ESTABLISHED 1903

Fratres in Facultate

DUGALD C. JACKSON

WILLIAM H. WALKER

Fratres

FRANK ADAMS BAKER
KENNETH CARTWRIGHT
OLIN VIVIAN CHAMBERLIN
WILLIAM HASKINS COBURN
HIRAM NEIL CRICHTON
MINOT SAVAGE DENNETT
KENNETH WINSLOW FAUNCE
WILLIAM DEWEY FOSTER
ELLIOT HOWES GAGE
ALFRED HAGUE

SAMUEL LE ROY HAYES
LAURENCE TODD HEMMENWAY
EDWIN KENYON JENCKES
WARD CONANT LOVELL
CHESTER TOTTEN MOREY
JAMES BOWEN NOBLE
JAMES H. O'BRIEN
ALFRED INGERSOLL PHILLIPS, JR.
SAMUEL EVAN ROGERS, JR.
WILLIAM CHARLES WEST

WALTER LUCIUS WHITEHEAD

Fratres in Urbe

CHARLES E. ABBOTT WILLIAM C. ADAMS HERBERT L. ADAMS JOHN E. BEARD GOTTHARD W. CARLSON BERTRAND L. CHAPMAN HON, GEORGE G. CROCKER CLARENCE W. DOW ALEXANDER ELLIS, JR. Wesley C. Elliott George I. Emerson Robert D. Farrington Samuel D. Gloss CHARLES M. GREEN PERCY L. HANDY ATHERTON H. HARLAN

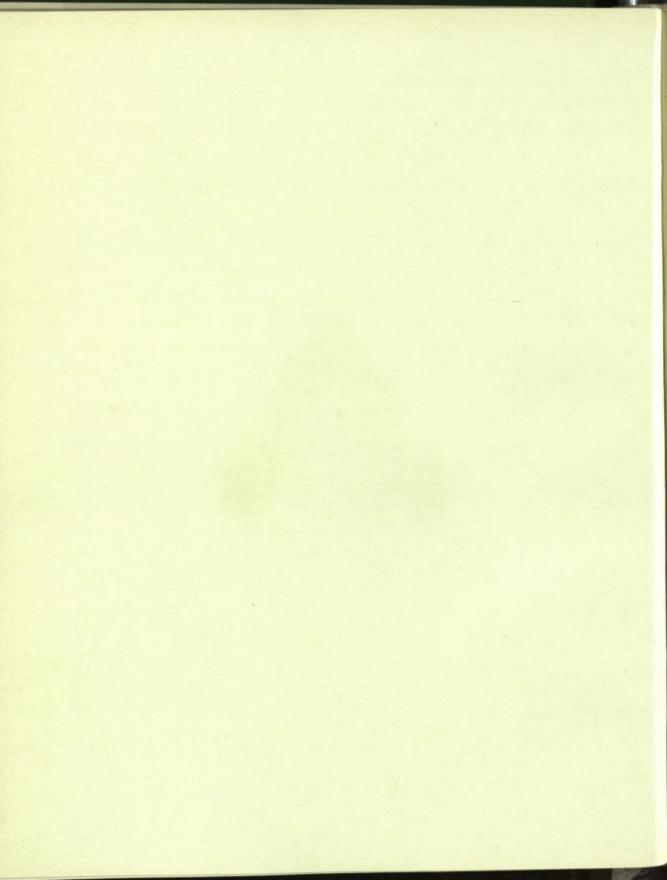
George E. Huntington ROY M. HENDERSON FREDERICK T. HYDE ROY G. HAMLIN WILLIAM B. JACKSON HENRY F. KING CHARLES L. LANG NELS J. LENNES WILLIAM C. LICHTNER JOHN T. LINDLEY WILLIAM NELSON DANIEL H. REAMY ABBOTT H. THOMPSON Franklin T. Towle CHARLES F. UNDERHILL DR. DAVID H. WALKER

225 Newbury Street

[202]



Dreke, Phile.



Alpha Tan Omega

FOUNDED AT VIRGINIA MILITARY INSTITUTE IN 1865

CHAPTER ROLL

		PROVINCE I	
1879 1885 1885 1884 1878 1881 1881 1888 1887 1897	Alpha Epsilon Beta Beta Beta Delta Alpha Omega Alpha Beta Alpha Theta Alpha Zeta Beta Iots Beta Epsilon Gamma Eta	Alabama Polytechnic Institute Southern University University of Alabama University of Florida University of Georgia Emory College Mercer University Georgia School of Technology Tulane University University of Texas	Auburn, Ala. Greensboro, Ala. Tuskaloosa, Ala. Gainesville, Fla. Athens, Ga. Oxford, Ga. Macon, Ga. Atlanta, Ga. New Orleans, La. Austin, Tex.
		PROVINCE II	
1895 1904 1893 1904 1881 1888 1888 1889 1907	Gamma Zeta Gamma Xi Gamma Gamma Gamma Omicron Alpha Mu Beta Kappa Beta Lambda Beta Omicron Gamma Tau	University of Illinois University of Chicago Rose Polytechnic Institute Purdue University Adrian College Hillsdale College University of Michigan Albion College University of Wisconsin	Champaign, Ill. Chicago, Ill. Terre Haute, Ind. Lafayette, Ind. Adrian, Mich. Hillsdale, Mich. Ann Arbor, Mich. Albion, Mich. Madison, Wis.
		PROVINCE III	
1900 1901 1885 1905 1901 1092 1906 1897 1906	Gamma Iota Gamma Lambda Beta Alpha Gamma Upellon Gamma Mu Gamma Nu Gamma Rho Gamma Theta Gamma Pl	University of California University of Colorado Simpson College Iowa State College University of Kansas University of Missouri University of Missouri University of Mesaka University of Washington	Berkeley, Cal. Boulder, Colo. Indianola, Ia. Ames, Ia. Lawrence, Kan. Minneapolis, Minn. Columbia, Mo. Lincoln, Neb. Seattle, Wash.
		PROVINCE IV	
1891 1892 1885 1893 1906 1894 1887	Beta Upsilon Gamma Alpha Beta Gamma Gamma Beta Gamma Sigma Gamma Delta Beta Zeta	University of Maine Colby College Massachusetts Institute of Technology Tufts College Worcester Polytechnic Institute Brown University University	Orono, Me. Waterville, Me. Boston, Mass. Tufts College, Mass. Worcester, Mass. Providence, R. I. Burlington, Vt.
		PROVINCE V	
1882 1887 1881 1882 1882 1881	Alpha Omicron Beta Theta Alpha Iota Alpha Pi Alpha Rho Tau	St. Lawrence University Cornell University Muhlenberg College Washington and Jefferson College Lehigh University University of Pennsylvania	Canton, N.Y. Ithaca, N.Y. Allentown, Pa. Washington, Pa. South Bethlehem, Pa Philadelphia, Pa.
		PROVINCE VI	
1879 1872 1889 1865 1868	Alpha Delta Xi . Beta Xi Beta Xi Delta	University of North Carolina Trinity College College of Charleston Washington and Lee University University of Virginia	Chapel Hill, N.C. Durham, N.C. Charleston, S.C. Lexington, Va. Charlottesville, Va.

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PROVINCE VII

1883 1887 1888 1892	Alpha Psi Beta Eta Beta Mu Beta Omega		Ohio Wesleyan University	Springfield, Ohio Delaware, Ohio Wooster, Ohio Columbus, Ohio
			PROVINCE VIII	

1000	Alaba Tan										Southwestern Presbyterian University .	Clarksville, Tenn.
1002	Alpha Tau	90		-	-		4			+ -	Southwestern Presbyterian University .	
1889	Beta Pi			6		100		1		60	Vanderbilt University	Nashville, Tenn.
											Union University	Jackson, Tenn.
1877	Omega						4	-			University of the South	Sewanee, Tenn.
1872	Pi	-			-		9	10	1		University of Tennessee	
1909	Mu Iota .		-			3		-			University of Kentucky	Lexington, Ky.

Alpha Tan Omega

BETA GAMMA CHAPTER

Fratres

PERCY CHANDLER HENRY
HAROLD GOULD JENKS
SCOTT PRESCOTT KIMBALL
FREEMAN ALBERT PRETZINGER
CHARLES PHILIP RANDOLPH, JR.
WILLIAM LAWTON ROBERTS
JAMES CALVIN ROGERS
WILSON YOUNG STAMPER
HERBERT ALFRED SWEET
CURTIS CHRISTOPHER WEBB
JOHN BERCHMAN WELCH

Fratres in Urbe

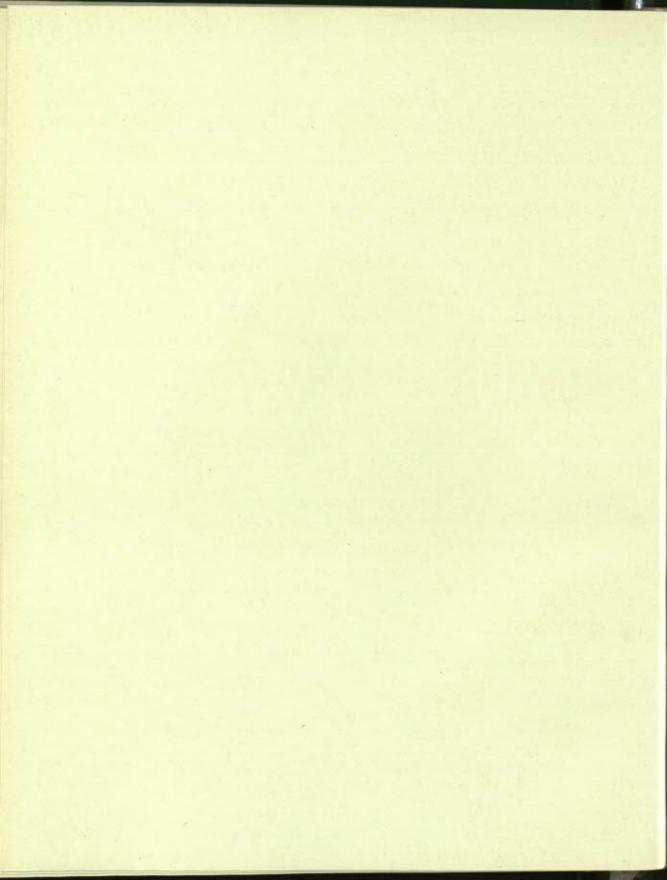
JOSEPH BOYER LINDSEY S. HOOPER ALEXANDER MACOMBER
BRYANT NICHOLS
CHARLES D. UNDERHILL

26 Newbury Street

[206]



LAMPSOCHEA



Theta Delta Chi

ESTABLISHED 1848

THE CHARGES

Beta	Cornell University
Gamma Deuteron	University of Michigan
Delta Deuteron	University of California
Epsilon	College of William and Mary
Zeta	Brown University
Zeta Deuteron	McGill University
Eta	Bowdoin University
Eta Deuteron	Leland Stanford, Jr., University 1903
Theta Deuteron	Massachusetts Institute of Technology 1890
Iota	Harvard University
Iota Deuteron	Williams College
Kappa	Tufts College
Kappa Deuteron	University of Illinois
Lambda	Boston University
Mu Deuteron	Amherst College
Nu Deuteron	Lehigh University
Xi	Hobart College
Omicron Deuteron	Dartmouth College
Pi Deuteron	College of the City of New York
Rho Deuteron	Columbia University
Sigma Deuteron	University of Wisconsin 1895
Tau Deuteron	University of Minnesota
Phi	Lafayette College
Chi	University of Rochester
Chi Deuteron	George Washington University 1896
Psi	Hamilton College 1868

Theta Delta Chi

THETA DEUTERON CHARGE

ESTABLISHED 1890

Frater in Facultate NATHAN R. GEORGE

Fratres

HARVEY SMITH BENSON
MAURICE SCOTT CHAPIN
JOHN BENT FARWELL
KARL DICKSON FERNSTROM
PAUL REED FLEMING
WARD NELSON GERE
ALBERT CLARKE GOODNOW
CLIFFORD LYTTON HUFSMITH
JOHN MAURICE LEDDY
HENRY FRANKLIN MILLER, 2D
FRANCIS ALDRICH MOORE

THEODORUS POLHEMUS
BERGEN REYNOLDS
WALTER MORLEY RUBY
ERWIN HASKELL SCHELL
PHILIP SCHMITT, JR.
SETH HENESS SEELYE
ARTHUR WILLIAM UNDERHILL, JR.
CHARLES WILLIAM WALLOWER
LYLE KERR WEBBER
JOHN EDDY WHITTLESEY
JOHN LAW WILDS

HOWARD DAVID WILLIAMS

Fratres in Urbe

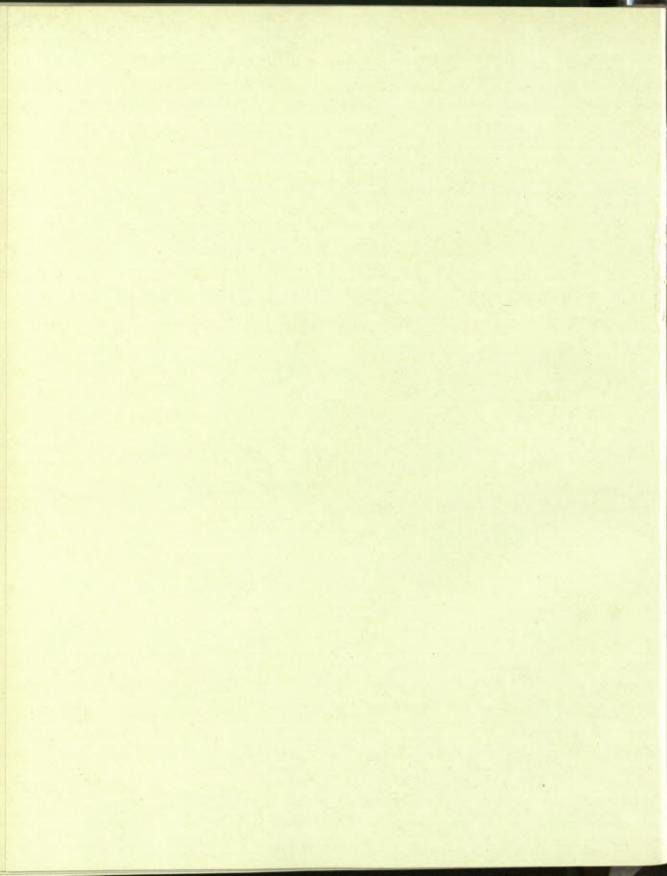
FRED L. CARTER, JR.
FRANK E. DRAKE
JOHN C. FREEMAN
HOLLIS GODFREY
JAMES E. GREENAN
ROBERT E. HOWE
WILLIAM H. LANGE
SHIRLEY A. MACE

HARRY L. MOODY
ANDREW P. NEWMAN
GEORGE T. PALMER
JAMES W. PIERCE
C. R. PRICHARD
J. ALBERT PROCTOR
KARL W. RICHARDS
HAROLD H. SHARP

RALPH M. TORREY

262 Newbury Street





Lambda Phi

LOCAL AT TECHNOLOGY

FOUNDED 1906

Lambda Phi

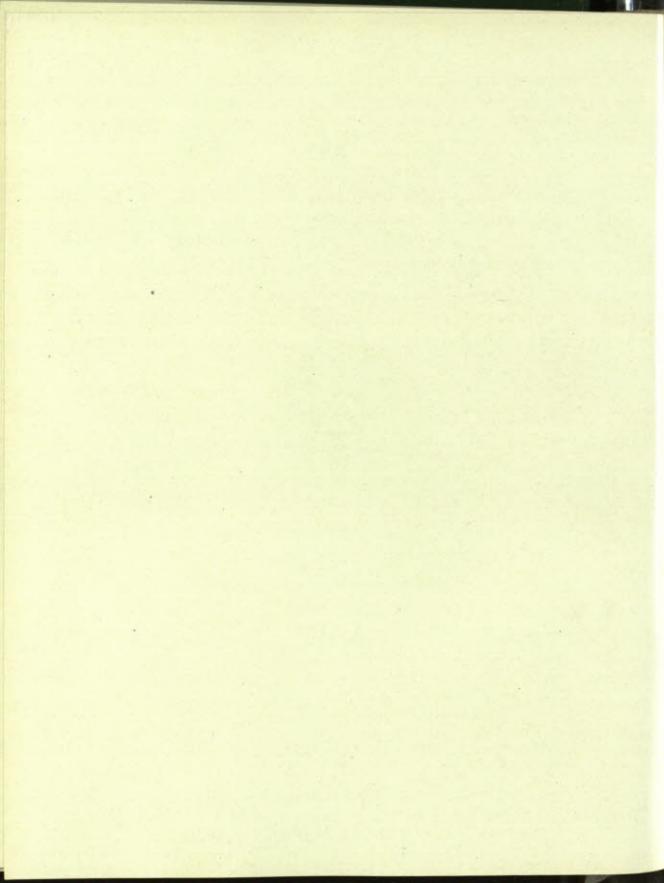
ESTABLISHED 1906

DAVID FRANKLIN BAKER VOLANT VASHON BALLARD EDWIN ELLSWORTH CORBETT HAROLD ROBERT LESLIE FOX SAMUEL KNIGHT JOHN LAVELLE MCALLEN RUSSELL MACK
CHARLES HUDSON SAYRE MERRILL
HENRY FERDINAND MERRILL, 2D
BENJAMIN BURROWS TREMERE, JR.
PETER DESMOND WHITE
ALEXANDER WOODWARD YEREANCE

258 Newbury Street



LAMPSOCHIA.



Kappa Theta

LOCAL AT TECHNOLOGY

FOUNDED 1908

Kappa Theta

ESTABLISHED 1908

LOCAL AT TECHNOLOGY

Frater in Facultate EDWARD E. BUGBEE

Fratres

FREDERICK BAKER
JOHN ARTHUR BIGELOW
PHILIP LORD CALDWELL
JAMES KENNETH CAMPBELL
CHARLES HAMLIN CARPENTER
HARRY HARDIN CATCHING
BENJAMIN COFFIN CROMWELL, JR.
HAROLD WESLEY DANSER
ORVILLE BOARDMAN DENISON
CHARLES ERNEST DODGE
LESLIE BURTON DUKE
WILLIAM NILES FLANDERS
RAYMOND WEISS JACOBY

FISKE REED JONES
HENRY DONALD KEMP
THOMAS S. MANLEY
LAWRENCE GLEASON ODELL
WILLIAM JOHN O'HEARN
PAUL HENRY PEARSON
ROSS HOWARD RATHBUN
HAROLD SHARP
EDWARD STUART
PHILIP EPHRAIM SWARTOUT
WILLIAM RATCLIFFE WALDO
WILLIAM WEATHERBY WARNER
RICHARD PARKER WATSON

Fratres in Urbe

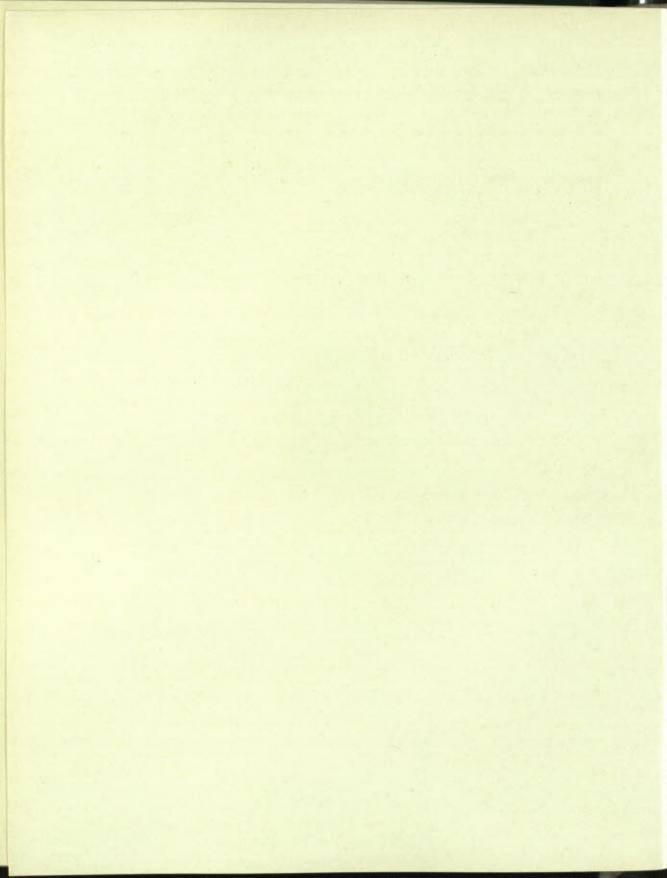
EDWARD TABER ALMY, JR.
ALBERT ALDEN BLODGETT
CLIFFORD HALL BOYLSTON
WALTER MATTHEWS BUTTS
HOBERT WARD FRENCH
HAROLD MAURICE HALLETT
HERBERT BUTTRICK HOSMER

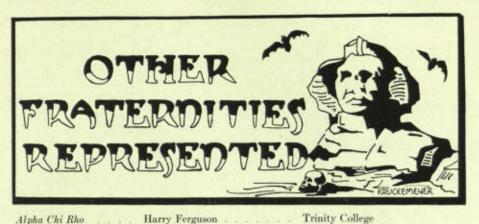
RICHARD CLARK JACOBS, JR. HARRY CHESTER LORD BENJAMIN KARL SHARP STEWART SWAN SOUTHGATE ARTHUR KELLAM TYLEE ABER STOWE WIESTER ROBERT KENDRICK WRIGHT

264 Newbury Street



EXWESTERIA





Harold Edward Akerly University of Rochester Alpha Delta Phi Algernon Tuttle Gibson Bowdoin College Brown University Albert Harkness, 2d Reginald Davis Johnson Williams College Dartmouth College Guy Andrew Swenson Roy Daniel Van Alstine University of South Dakota Beta Gamma Chester Jackson Briggs . Yale University Beta Theta Pi Gerald Branch Howard Lehigh University Yale University Thorne Lake Wheeler Rock Livingston Comstock Colgate University. Delta Kappa Epsilon . University of Rochester Norman Duffett Harry Alexander Robertson McGill University Orliff Van Heik Chase Wesleyan University Delta Tau Delta Wesleyan University Joseph Walter Northrop, Jr. Marietta College Delta Upsilon George Ramson Lord Kappa Alpha (Southern). William Thomas Biedler Virginia Military Institute Arthur William Frank Vanderbilt University Heisler Harrington Delaware College Virginia Military Institute Herman Charles Schmidt Washington and Jefferson College Harry Silas Alexander Kappa Sigma . . . Dartmouth College Joseph Nairn Paul Hiram Ernest Beebe Leslie Edward Geary University of South Dakota University of Washington Phi Delta Theta Paul Root Lawrence Williams College Chauncey Bevius Smythe Case School of Applied Science Julian Stuart Gravely Washington and Lee University Phi Kappa Psi Johns Hopkins University Bancroft Hill Frederick Dorr Rich Purdue University French Philbrick Sargeant Dartmouth College Rufus E. Zimmerman Marshall Ernest Comstock Franklin and Marshall Phi Sigma Kappa Dartmouth College Yale University Psi Upsilon Walter Remy Dray College of City of New York Stuart Eyon Theta Delta Chi James Owen Greenan Ralph B. McEwen Boston University University of Oregon Sigma Nu . . .Ibrahim Follansbee Morrison Dartmouth Francis Earnest Severance Colorado School of Mines Yale University Horace Van Sands Taylor Sigma Xi . . . Bowdoin College Karl Bray Kilborn Zeta Psi Edward Francis Merrill Cornell University

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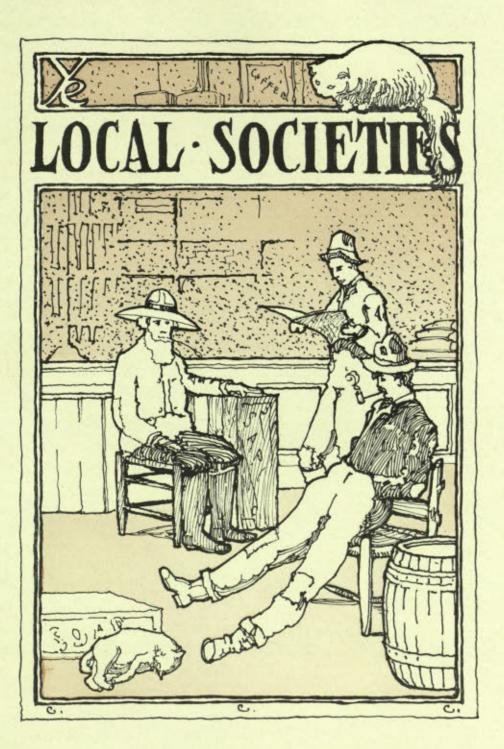


Sigma Chi	400	1		Ĭ.	1	5	1		1	46		14	W.	N	N	1	V	12	1		44	12.	24	
Theta Xi	900			Ŷ.	5		1		1				19			4	6	19	7	W.		100	14	
Delta Psi	9570			v	- 10				Ų.				20	y.									17	
Chi Phi																							21	
Delta Kappa Epsil																							26	
Phi Beta Epsilon																							28	
Delta Upsilon																								
Sigma Alpha Epsil																								
Delta Tau Delta																							32.28	
																							1,550	
Phi Gamma Delta				83	12		13	16.4	1	18		GH.	38	400		1			1	*		31	25	
Phi Sigma Kappa		514		20				21.6	*		×									×		10	26	
Theta Chi																		4		1		1	18	
Phi Kappa Sigma																							21	
Alpha Tau Omega																							22	
Theta Delta Chi .																							23	
																							4.0	
Lambda Phi			1	43	9		8	X	-			8	4	-	W.	1		-	1		4	41	12	
Kappa Theta	400		14	-		6	1				6		V.		4	2	4		3		4	34	25	
																							367	

Percentage of Fraternity Men at Technology

	r creemme or rimerim	if men at recumonopi	
Year	No. of Men Per Cent.	Year	No. of Men Per Cent.
1885-86	52 8.5	1898-99	189 16.1
1886-87	42 . 8.9	1899-00	216 18.4
1887-88	42 6.1	1900-01	213 17.9
1888-89	45 5.4	1901-02	245 17.1
1889-90		1902-03	274 16.9
1890-91		1903-04	. 265 17.3
1891-92	184 17.1	1904-05	340 21.7
1892-93	207 18.8	1905-06	
1893-94	191 16.5	1906-07	363 25.9
1894-95		1907-08	
1895-96		1908-09	
1896-97		1909-10	
1897-98		and the second second second	

[555]



K. S

Members

DAVID FRANKLIN BAKER
RAFAEL ADOLPH BECKMANN
RICHARD STUART BICKNELL
ROBERT SAMUEL BREYER
WILLIAM NOEL DREW
RALPH EDWIN GEGENHEIMER
MARCUS AURELIUS GROSSMANN

JOHN LAVELLE MCALLEN
THEODORUS POLHEMUS
STALKER ELIJAH REED
FRANK DOUGLAS STEWART
LEWIS WILLIAM WATERS
WALTER CHISHOLM WILSON
BERT SAMUEL WOHLGEMUTH

Associate Members

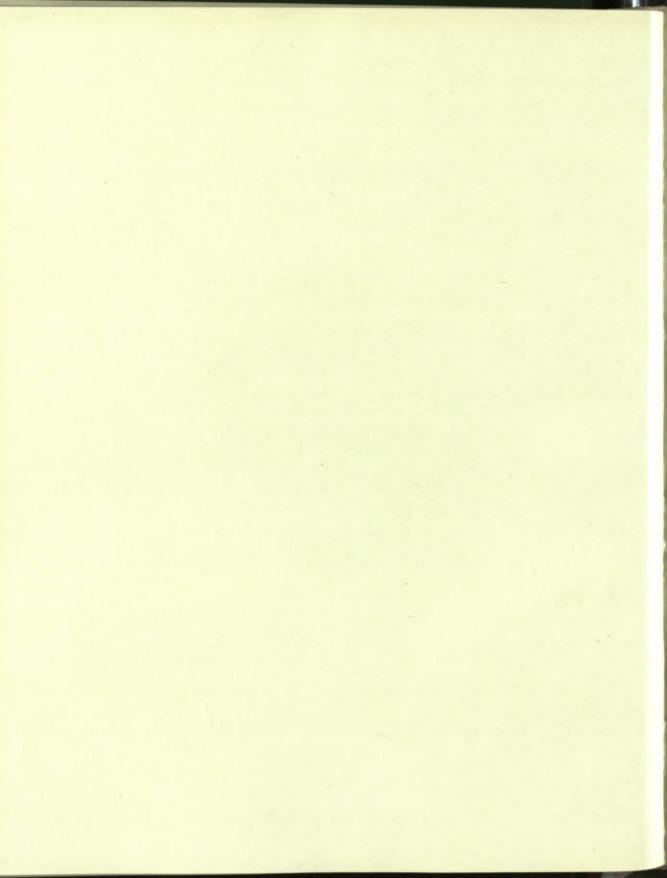
ARTHUR A. NOYES ARTHUR A. BLANCHARD MILES S. SHERRILL ROBERT S. WILLIAMS HENRY R. BATCHELLER MAURICE R. SCHARFF RAYMOND E. DRAKE CLIFFORD M. SWAN

Honorary Members

RICHARD C. MACLAURIN
HENRY S. PRITCHETT
JOHN ALDEN
FRED L. BARDWELL
CHARLES R. CROSS
HENRY FAY
AUGUSTUS H. GILL
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WILLIAM T. SEDGWICK
HENRY P. TALBOT
FRANK H. THORP
WILLIAM H. WALKER
CHARLES H. WARREN
WILLIS R. WHITNEY





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HENRY SMITH PRITCHETT
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ISAAC WHITE LITCHFIELD
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PHILIP DUNBAR TERRY
MERRILL WILLIAM TILDEN

Round Table

King Arthur Frederick William Barker, Jr.

Queen Guinever
Samuel Woodworth Selfridge

Merlin Nathaniel McLean Sage

Knights

Sir Launcelot, Harold Eric Kebbon Sir Galahad, John Soley Selfridge Sir Gawain, John Stephens Martin

1912

FREDERICK WILLIAM BARKER, JR.

HERBERT HOWARD CALVIN

GERALD BRANCH HOWARD

HAROLD ERIC KEBBON

JOHN STEPHENS MARTIN

DONALD HAFF RADFORD

NATHANIEL MCLEAN SAGE

JOHN SOLEY SELFRIDGE

JOHN HOLBROOK WHITE

1913

RALPH HARRINGTON DOANE

CHARLES EDISON

CHARLES EDISON

WILLIAM NORMAN HOLMES

CHARLES ALBERT READ, JR.

SAMUEL WOODWORTH SELFRIDGE

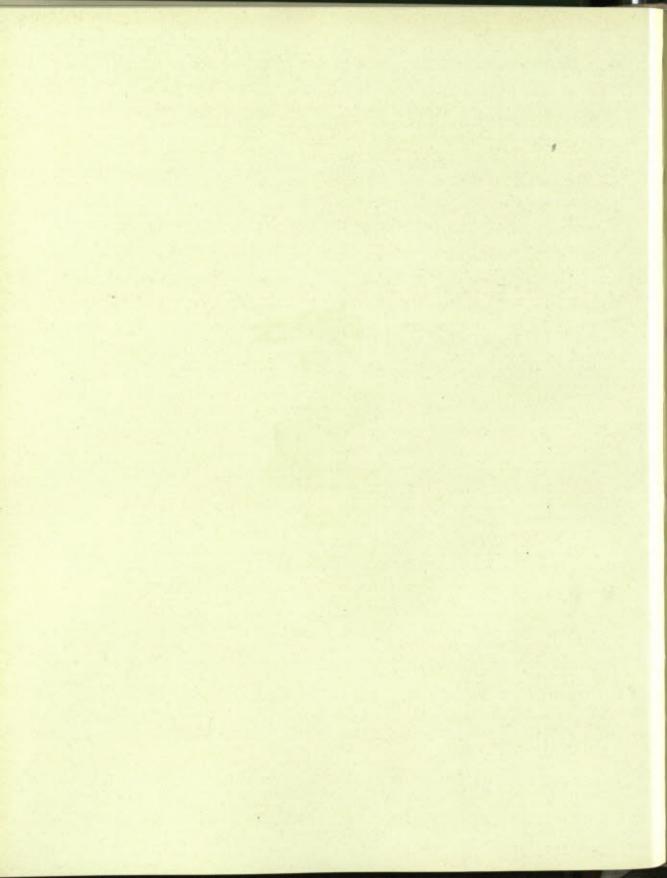
GEORGE RODNEY WALLACE, JR.

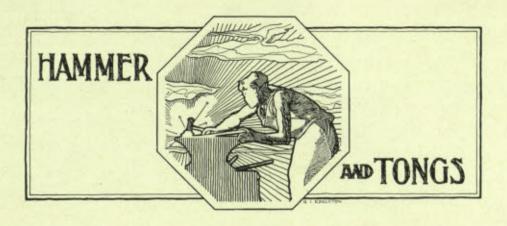
DONALD HIGGINS VAN DEUSEN

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ENHOUSE PROVE





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1910

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LESLIE WILLIAM GREELY
HAROLD LOCKETT
CHARLES PHILIP RANDOLPH, JR.
PHILIP DUNBAR TERRY
MERRILL WILLIAM TILDEN
CURTIS CHRISTOPHER WEBB

1911

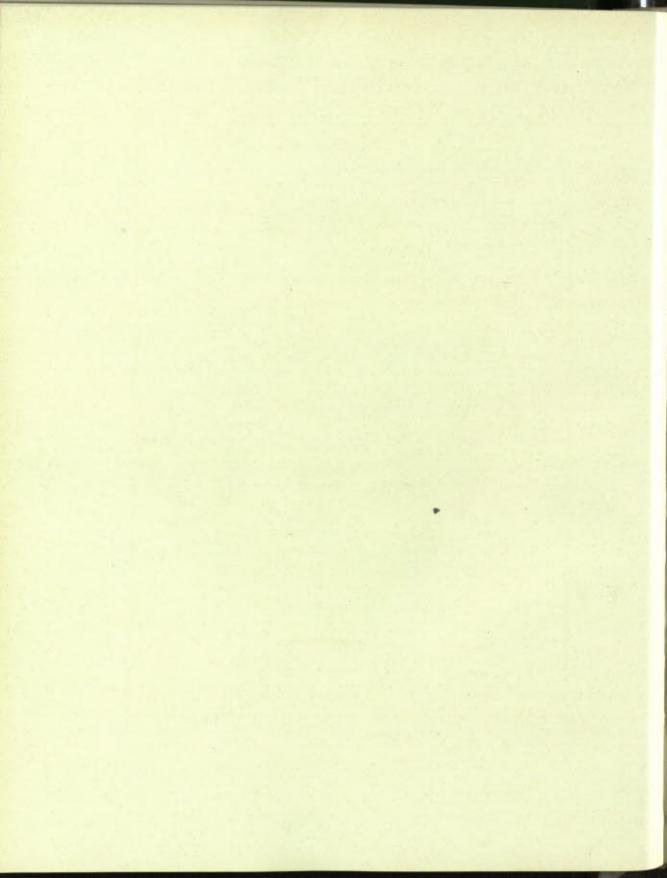
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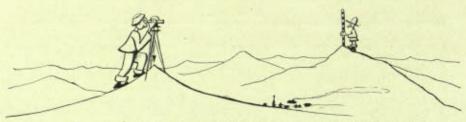


ASSESSMENT BY





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CIVIL ENGINEERING SOCIETY

THIS Society has its membership made up from men pursuing the courses in Civil and Sanitary Engineering. It was founded in February, 1889, for the purpose of awakening and maintaining an active interest in the study of Civil Engineering among its members, and to aid generally in their intellectual advancement and improvement. Meetings are held every two or three weeks, usually to hear a lecture by some practising engineer. Occasional dinners and visits to points of engineering interest add to the opportunities afforded by the Society.

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Austin Brown Henderson, 1910

Secretary Isaac Hausman, 1911 Treasurer
HAROLD MARTIN DAVIS, 1911

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Carrol Roland Benton, 1910 Philip Gustave Laurson, 1910 Ralph Amsden Smead, 1910

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JOHN BRAZER BABCOCK, 3D, 1910

HARRY LESTER MANLEY, 1911

HARRY LESTER MANLEY, 1911

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1910

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RICHARD G. TYLER
WILLIAM R. WALDO
ROBERT P. WALLER
RICHARD P. WATSON
CYRUS H. WHITE

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1911

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RUSSELL T. BAILEY
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VOLANT V. BALLARD
ARTHUR T. BENNIS
WILLIAM C. BIRD
ALGERED C. BROWN
ADOLPHE C. CARDINAL
GEORGE J. CHAMBERS
JOHN W. CONNOLLY
RANDALL CREMER
CHARLES E. DODGE
CORNELIUS A. DUYSER

WILLIAM H. AHEARN ARTHUR B. APPLETON EARL H. BARBER RALPH W. BIERER HAROLD D. BILLINGS MATTHEW B. BLACK PAUL E. BURNHAM PHILIP L. CALDWELL KIRKPATRICK P. CHINCHILLA MADISON W. CHRISTIE EDWARD F. COLEMAN ALTON M. COOK RUFUS CRANE JOHN R. CUNNINGHAM ARTHUR H. CURTIS ALISTON T. CUSHING RUPEN ESKERGIAN HENRY C. FRISBIE RICHARD H. GOULD JAMES A. GRANT JOHN S. GRANT HAROLD GREENLEAF CHAS. H. HARRINGTON FREDERICK C. HARRINGTON ISAAC HAUSMAN

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ARTHUR R. NAGLE
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CLARENCE L. OPENSTEIN
WILLIAM J. ORCHARD

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GERALD M. KEITH
FRANCIS H. KINGSBURY
DAVID J. MCGRATH
FRED T. MORSE
FRED L. MOWRY
JOHN M. PETTINGELL

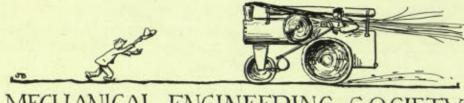
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Louis G. Rowe

THEODORE B. PARKER GEORGE W. RAPELLI CARL G. RICHMOND PERCY A. RIDEOUT RALPH E. RUNELS SAMUEL H. SCRIBNER WARREN J. SIMMONDS ISIDORE SPECTOR OSWALD W. STEWART JOHN A. URQUHART EDWIN C. VOSE LAWRENCE WATTS ALBERT O. WILSON

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MECHANICAL ENGINEERING SOCIETY

AFFILIATED WITH A. S. M. E.

THE Mechanical Engineering Society was organized in 1881. All men in Courses II and X are eligible to membership after the first term of the Sophomore year. The society has a membership of about one hundred and fifty, has recently affiliated with the American Society of Mechanical Engineers, and is in a prosperous condition.

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Professor GAETANO LANZA

Chairman.

FREDERICK ARCHIBALD DEWEY, 1910

Vice-Chairman

DONALD VOORHIS WILLIAMSON, 1910

Secretary

Treasurer

ARTHUR PIERCE TRUETTE, 1910

LUKE EUGENE SAWYER, 1910

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RALPH ALBION DRURY PRESTON, 1910

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PROFESSOR GAETANO LANZA
HENRY APPLETON HALE, Jr., 1910
FREDERICK ARCHIBALD DEWEY, 1910

PROFESSOR HARRISON W. HAYWARD
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1911

HENRY A. HALE, JR. RALPH J. HALEY JOHN K. M. HARRISON PHILIP HART HENRY G. HAWES, JR. CLIFFORD C. HIELD ROGER F. HILL BERTHOLD C. HUBER ALEXANDER F. JACKSON

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NATHANIEL S. SEELEY MAX C. SHERMAN HAROLD A. SMITH JOHN S. SNEDDON KARL D. STELLWAGEN HORACE E. STUMP MORACE E. STUMP
MERRILL W. TILDEN
ARTHUR P. TRUETTE
MYRTON J. TURNBULL
JOHN C. TUTTLE
WILLIAM H. WENGERT
DONALD V. WILLIAMSON
CHESTER W. WILSON

1911

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HARRY L. MANLEY
CHARLES E. MEULENDYKE
CHESTER T. MOREY
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Graduate Student CHARLES A. ROBB



THE Mining Engineering Society was established in 1897, the object being to develop in its members a deeper interest in the profession of Mining Engineering. All students registered in the Mining course, except freshmen, are eligible for membership.

Officers

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President
ROBERT SAMUEL BREYER, 1910

Vice-President and Treasurer
Bert Samuel Wohlgemuth, 1910

Secretary
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1911

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ROBERT R. LANGER
JAMES B. LITTLE
PAUL H. McOSKER
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HERBERT O. MAXWELL

ALAN H. MEANS
JAMES H. MORLEY
SIDNEY C. NEFF
STALKER E. REED
FRANK E. STARR
RICHARD C. STICKNEY
PAUL M. TYLER
ELIJAH C. VAN SYCKEL
ROBERT E. WHIPPLE
OSCAR K. WIESSNER
CLARENCE R. WOODWARD

hITecTVR

HE objects of this Society are to secure a closer fellowship among its members; to furnish to students copies of the best plates in the Library of the Department of Architecture; to maintain a scholarship fund; to publish The Technology Architectural Record; and to promote the study of architecture throughout the country.

> President, PHILIP WEEKS BURNHAM, 1910 Vice-President, GUY FISKE SHAFFER, 1910 Secretary, John Henry Scarff, 1910 Treasurer, WILLIAM DEWEY FOSTER, 1911

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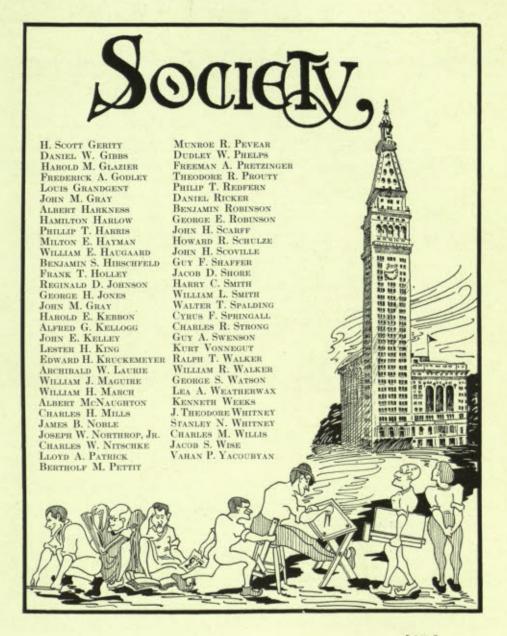
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afternal aggree

THE Chemical Society, having for its object the advancement of Chemistry at the Institute, was founded in 1903. Students in Courses V, VII, X, and XIV are eligible to membership in the Society. Upon signing the Constitution and paying fifty cents for one year's dues, Seniors and Juniors become active members and Sophomores associate members.

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Treasurer

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STANLEY HERBERT LAWTON, 1911

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RICHARD OSBORNE FERNANDEZ, 1910

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HAROLD W. PAINE MERLE RANDALL BURTON H. ST. JOHN HENRY P. TALBOT FRANK H. THORP WILLIAM H. WALKER ROBERT S. WILLIAMS

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Chester J. Randall
Ludwig Rosenstein
Walter W. Scofield
Walter Spaans
Horace E. Stump
Richard R. Taylor
Edward C. Tolman

LEWIS W. WATERS

1911

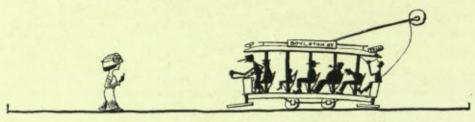
JOHN L. BAGG George A. Brown Antonio C. Clavell Maus W. Colebrook LLOYD C. COOLEY NORMAN DUFFETT JULIAN S. GRAVELY STANFORD H. HARTSHORN ROBERT T. HASLAM SAMUEL L. HAYES Charles F. Hobson RALPH A. HOLBROOK CLEON R. JOHNSON ABRAHAM H. E. KAUFMAN PAUL R. LAWRENCE STANLEY H. LAWTON

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THORNE L. WHEELER
EMMONS J. WHITCOMB
WALTER C. WILSON
ROBERT O. WOOD
RUFUS E. ZIMMERMAN

1912

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GEORGE W. FORRESTER
CHARLES L. GABRIEL
ALBERT C. GOODNOW
LUIZ R. GONZALEZ
HUGO H. HANSON
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BRADLEY T. ROSS
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BATES TORREY, JR.
EDWIN O. UPHAM
EVERETT B. WETTENGELL
LESTER M. WHITE



ELECTRICAL ENGINEERING SOCIETY

THE foundation for the Electrical Engineering Society was laid on October 25, 1888, when the "junior students in electricity met for the purpose of forming an Electric club." The name adopted was the Technology Electric Club, and the object of the Club was to "bring together persons interested in the study of electricity for discussion and mental improvement."

In the year of 1898 the name was changed to the Electrical Engineering Society, and the avowed purpose of the society became the "discussion of electrical and allied engineering subjects, the advancement of electrical information, and the promotion of good fellowship among the members." Members of Courses VI, VIII, and XIV are eligible to this Society after the freshman year.

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Vice-President

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Secretary

CARROLL HARPER SHAW, 1910

Treasurer

ELBERT DANIEL GREENE, 1910

Program Committee

Francis Briggs Silsbee, 1910, Chairman

REGINALD LAMONT JONES, B.S.

LOREN NOXEN DOWNS, 1910

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Graduate

WALTER S. RODMAN, B.S., M.S. [246]

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Joseph A. Aaron SIDNEY ALLING, B.S. CEDRIC S. ANDERSON CHARLES M. BARKER CARLTON S. BARNES ROYAL M. BARTON RALPH H. BOWERS Percy M. Bramhall ARTHUR M. COLEMAN Marshall E. Comstock JOHN E. CROWLEY Paul A. Cushman Burgess Darrow ORVILLE B. DENISON Chester L. Dows JAMES F. DUFFY

1910

ROBERT H. LOMBARD FRED R. LUFKIN LEONARD M. LUSKY GEORGE W. MCRAE JOHN B. MYRICK WILLIAM J. PEAD, JR. Frederick E. Poor RALPH W. PERKINS ERFORD M. POTTER EDMUND PUGSLEY, B.A. James C. Rogers, B.S. HERMANN C. SCHMIDT CARROLL H. SHAW Francis B. Silsbee Charles M. Smith, B.A. George T. Southgate LEWIS S. SOUTHWICK Davis A. Stoddard, M.E. CARROLL A. SUTHERLAND, B.S. HORACE VAN S. TAYLOR, B.A. Maurice R. Thompson CHARLES W. WALLOWER HARVEY P. WASSERBOEHR, JR. Russell D. Wells HAROLD R. WILBUR

1911

Francisco Fernandez, A.B. Augustus Frigon, C.E. HERBERT FRYER DAVID ST. PIERRE GAILLARD Joseph Gershberg Luciano Goicoechea KENNETH GREENLEAF Joseph F. Harrington Otis Hutchins ROY D. HUXLEY MAX KUSHLAN RAYMOND H. LORD NORMAN A. LOWENBERG WILLIAM G. RHOADES WM. ALEXANDER SHEPARD, B.S. ABRAHAM SHOHAN

IRVING W. WILSON



THE aim of the Biological Society is to bring into closer touch with each other men interested in biological subjects. Eligibility to membership is therefore open to students in Course VII, Course XI, and Course V, Option 3.

It is the custom of the Society to hold at least five or six dinners throughout the year, at which talks are given by men prominent in Public Health Science, either from a strictly biological standpoint or from the viewpoint of Engineering and Chemistry.

Besides the educational value derived from these talks, the fun and jollity of these occasions

have been greatly enhanced through the efforts of a "Noise Committee." No regular dues are charged, but the expenses of the Society are met by small assessments.

OFFICERS OF THE SOCIETY, 1909-1910

First Semester

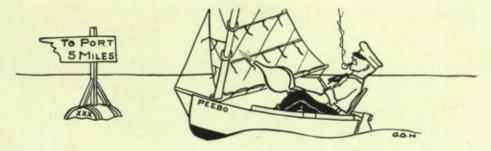
EUGENE CLARENCE HOWE, VII, Gr., President
HUBERT OLIVER JENKINS, VII, Gr., Secretary
PERLEY KIMBALL BROWN, XI, 1910, Treasurer

Second Semester
GEORGE TRUMAN PALMER, VII, Gr., President
JOHN HENRY O'NEILL, XI, 1910, Secretary
WILLIAM FIRTH WELLS, VII, 1910, Treasurer

MEMBERS

FRITZ M. ARNOLT, XI, 1910. HAROLD E. BABBITT, XI, 1911 Harold D. Billings, XI, 1911 Perley K. Brown, XI, 1910 WILLIAM H. COBURN, XI, and I, 1911 HENRY C. COLSON, JR., IX, 1910 CARL S. ELL, XI, 1911 RALPH E. GEGENHEIMER, V, 1910 L. GORDON GLAZIER, VII, Sp. James A. Grant, XI, Sp. HORACE S. GRISWOLD, VII, Sp. SAMUEL L. HAYES, V, 1911 Louis J. Harrigan, XI, 1911 CURTIS M. HILLIARD, VII, Sp. RALPH W. HORNE, XI, 1910 EUGENE C. HOWE, VII, Gr. HOWARD P. IRELAND, XI, 1911 Hubert O. Jenkins, VII, Gr. HAROLD L. LANG, VII, 1910 THOMAS R. LATHROPE, VII, Sp. RICHARD W. LEWIS, V. Sp. GEORGE R. LORD, V. Sp. GEORGE F. MAGLOTT, XI, 1910

SIDNEY A. MALCOLM, XI, 1910 JAMES B. NEALY, I, Sp. JOHN H. O'NEILL, XI, 1910 WILLIAM J. ORCHARD, XI, 1911 GEORGE T. PALMER, VII, Gr. Theodorus Polhemus, XI, 1911 CARL T. POMEROY, VII, Sp. OLIVER D. POWELL, I and XI, Sp. LAWRENCE G. RICE, XI, 1910 Ludwig Rosenstein, X, 1910 Samuel M. Schmidt, VII, 1911 FRANZ SCHNEIDER, JR., VII, Gr. HENRY SCHREIBER, JR., XI, Sp. LAURENCE C. SHAW, V, 1910 FREDERICK H. STOVER, VII, 1910 EDWARD STUART, XI, 1910 LEONARD T. TROLAND, VII, 1912 LEWIS W. WATERS, V, 1910 WILLIAM P. WELLS, VII, 1910 PHILIP V. WELLS, VIII, 1911 JOHN P. WENTWORTH, XI, 1910 CYRUS N. WHITE, XI, 1910 HOWARD D. WILLIAMS, XI, Sp. HENRY W. VAN HOVENBERG, XI, 1911



NAVAL ARCHITECTVRAL SOCIETY

THIS Society was established November 13, 1901. All men pursuing the course in Naval Architecture are eligible to membership after the first term of the sophomore year. The aim of the Society is to promote good fellowship among the members and to encourage a healthy interest in Naval Architecture. Several smokers are held each year, at which times prominent men address the Society upon subjects of current interest.

President

GORDON GODSHALL HOLBROOK, 1910

Vice-President

FRENCH PHILBRICK SARGEANT, 1910

Secretary

EARL J. W. RAGSDALE, 1910

Treasurer

CHRISTOPHER AVERY SCHELLENS, 1910

Honorary Members

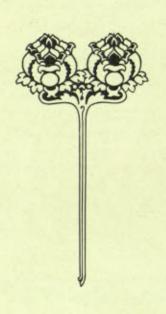
CECIL H. PEABODY WILLIAM HOVGAARD WALTER S. LELAND HAROLD A. EVERETT HAROLD S. WONSON

Active Members

FREDERICK A. ADAMS
WALTER D. ALLEN
MAURICE P. ANDERSON
VAN TUYL H. BIEN
MAURICE S. CHAPIN
LAWRENCE B. CHAPMAN
SYDNEY Y. CHEN
JOHN P. CONSTABLE
SAMUEL H. CORNELL
FRANCIS G. COOKE
FRANK C. DOLKE

ALFRED V. DE FOREST CHARLES EDWARDS, JR. WILLIAM S. ETHRIDGE FREDERICK A. FENSER KARL D. FERNSTROM LESLIE E. GEARY GORDON G. HOLBROOK A. GRISWOLD HERRESHOFF ALGERNON S. HERRESHOFF ALGERNON S. HERRESHOFF MARK A. OETTINGER REVERE B. PULSIFER EARL J. W. RAGSDALE
FRENCH P. SARGEANT
STUART C. SARGENT
CHARLES A. SCHAPER
CHRIS. A. SCHELLENS
FU CHING SEETOO
HEENAN T. SHEN
ROBERT P. SHERMAN
HAROLD K. SMOOT
GEORGE S. THOMAS
RALPH M. TORREY

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M EMBERSHIP in the Walker Club, which was founded in 1894, was at first confined to the Faculty and to those men taking the old Course IX, General Studies. When this course began to weaken in membership, rather than see the club drop out of existence, men were chosen from all the courses. The club in former years presented plays during Junior Week, and these plays were the forerunners of the present Tech Show. The object of the club is "the social and intellectual advancement of its members." Formerly regular monthly meetings and dinners were held at the Technology Club, at which times informal talks were given by various speakers. Recently enthusiasm in the club has been on the wane, although a very successful reception to college men was given at the first of this year.

President
RAYNOR HUNTINGTON ALLEN

Secretary and Treasurer HENRY CLARENCE DAVIS, JR.

1909

RAYNOR HUNTINGTON ALLEN CHARLES JOSIAH BELDEN WALTER WELLINGTON KING

1910

CHARLES ALMY, JR.
WALTER REMY DRAY
FREDERICK AUGUSTUS GODLEY
GORTON JAMES

VAN COURT WARREN

EDWIN PUGSLEY BERGEN REYNOLDS NATHANIEL STEVENS SEELEY LEWIS SWITZER SOUTHWICK

1911

MALCOLM BRUCE BROWNLEE, JR. HENRY CLARENCE DAVIS, JR. DONALD READ STEVENS IRVING WHITE WILSON

ARLO BATES
ALFRED E. BURTON
CHARLES R. CROSS
CHARLES F. A. CURRIER
DAVIS R. DEWEY
CARROLL W. DOTEN
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Faculty
ALLYNE L. MERRILL
WILLIAM H. NILES
ARTHUR A. NOYES
HENRY G. PEARSON
WILLIAM T. SEDGWICK
JORN O. SUMNER

HARRY W. TYLER FRANK VOGEL ARCHER T. ROBINSON HENRY L. SEAVER JOSEPH BLACHSTEIN



POUNDED in 1905 by the subjects of King Edward then at the Institute, the British Empire Association has for its object the strengthening of bonds of friendship by bringing together, at frequent meetings, Britishers from all parts of the nation, and in this way endeavors to increase the knowledge of each in regard to the Empire on which the sun never sets. Any British subject is eligible to membership.

Chairman

GEORGE CARTNELL CONNER, 1910

Vice-Chairman

John David MacKenzie, 1911

Secretary-Treasurer

HAROLD ROBERT LESLIE FOX, 1912

Executive Committee

THE CHAIRMAN THE VICE-CHAIRMAN THE SECRETARY-TREASURER
MANSON AINSLIE LYONS, 1910 STUART JAMES SCHOFFELD, GRADUATE

Honorary Members

Members

JOHN A. ALLAN, Graduate Quebec NORMAN L. BOWEN, Graduate . Ontario NORMAN CLARK, 1913 England Nova Scotia George C. Conner, 1910 Allston T. Cushing, 1910 New Brunswick Frederick R. Faulkner, 1909, Nova Scotia Jamaica HAROLD R. L. Fox, 1912. Augustus Frigon, Graduate Quebec Manson A. Lyons, 1910 . . . Nova Scotia JOHN D. MACKENZIE, 1911 . Nova Scotia MURRAY H. MELLISH, 1910 . . Nova Scotia BERNARD H. MORASH, 1912 Nova Scotia ROBERT J. MURPHY, 1913 Newfoundland CHARLES F. REILLY, 1913 . Alberta Nova Scotia Charles A. Robb, Graduate Nova Scotia HENRY J. G. RUDOLF, 1913 Leopold M. Sandstein, 1912, New Zealand STUART J. SCHOFIELD, Graduate . STANLEY M. SMITH, Graduate, New Brunswick Peter D. White, 1911 Ireland

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CLEOFAN is the girls' club at the Institute, its object being to foster the fellowship among women students at Technology. The Society aims to be of service to all young women coming to the Institute, and is glad to do what it can to fit into the fabric of Technology life.

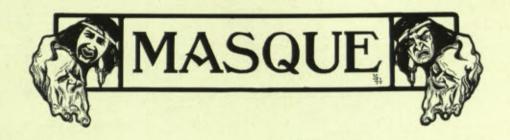
President
FLORA A. JOHNSON

Vice-President and Secretary
MARGARET A. FULTON

Treasurer
ELIZABETH B. BABCOCK

Members

ELIZABETH B. BABCOCK RUTH DUNBAR HELEN L. FALES BERENICE A. FOWLER CONSTANCE FULLER MARGARET A. FULTON HATTIE D. F. HAUB FLORA A. JOHNSON RUTH O. PIERSON FRANCES STERN



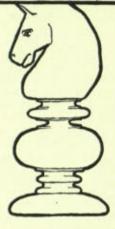
M ASQUE was organized three years ago, during the production of "William, Willie, and Bill." Its membership is made up of representative men in the cast of Tech Show. Its object is to promote the welfare of the Show and to promote a spirit of congeniality among the members of the club. Several dinners are held during the course of the year.

James Francis
Raynor Huntington Allen
Charles Josiah Belden
Clifford Chase Hield
Kurt Vonnegut

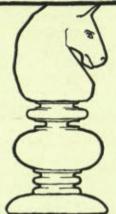
HAROLD DEXTER BILLINGS
HAROLD SNELL BIRCHARD
RALPH NELSON DOBLE
ORVILLE BOARDMAN DENISON
KARL DICKSON FERNSTROM
RICHARD FREDERIC GOODWIN, JR.
KENNETH GREENLEAF
HAROLD ERIC KEBBON
SYDNEY ARNOLD MALCOLM
JOHN STEPHENS MARTIN
ERWIN HASKELL SCHELL
WILLIAM MCNAIR SCHOFIELD
IRVING WHITE WILSON

Chess





THE purpose of the Chess Club is to encourage the game of chess among the members of the Institute. To do this, at the beginning of each year a house tournament is held, matches are played with other colleges and teams, as well as simultaneous matches with some skilled player. Any student at the Institute is eligible to membership.



Officers

President
Samuel Myer Schmidt, 1911

Vice-President
George Lewis Mylchreest, 1910

Secretary and Treasurer Sidney Carlisle Neff, 1912

Executive Committee

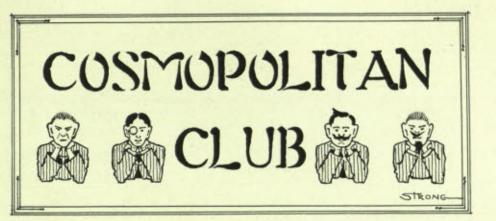
Stanley Edwards Bates, 1911 Ludwig Rosenstein, 1910 Aaron Leon Myers, 1911

Members

Henry B. Alvord, 1911
Sydney Alling, 1911
Stanley E. Bates, 1911
Harold S. Birchard, 1913
Robert F. Burnett, 1910
Maurice S. Chapin, 1910
Pelayo K. Chinchilla, 1909
James A. Cook, 1912
Evan B. Cotton, 1912
Harold N. Cummings, 1910
Howard S. Currier, 1913
Joseph Desloge, 1911
Henry Dowst, 3d, 1913
Harold Greely, 1910
Marcus A. Grossman, 1911

MILTON KAHN, 1912
ABRAHAM H. E. KAUFMAN, 1911
HAMILTON MERRILL, 1912
HAROLD D. MITCHELL, 1912
AARON L. MYERS, 1911
GEORGE L. MYLCHREEST, 1910
MANUEL A. NAVARRO, 1910
SIDNEY C. NEFF, 1912
RALPH S. RANKIN, 1913
LUDWIG ROSENSTEIN, 1910
SAMUEL M. SCHMIDT, 1911
SOLOMON SCHNEIDER, 1912
MAX SHRAFRAN, 1913
LEWIS SCHWARTZ, 1911
FRANCIS B. SILSBEE, 1910

RAFAEL J. TORRALBAS, 1911



THIS club was organized on March 1st of the present year. Its purpose is "to unite for mutual benefit, social and intellectual, Technology men of all nationalities." All students and officers of instruction of the Institute are eligible to active membership except that natives of the United States shall not constitute more than one-third of the student membership. The club has rooms opposite Rogers Building.

Organization Committee

Dean Burton
Eugen Olaf Christiansen, 1910
Dr. Comstock
Professor Doten
David St. Pierre Gaillard, 1911
Kanezo Goto, 1911

GORTON JAMES, 1910, Chairman JOHN DAVID MACKENZIE, 1911 JAMES PHINNEY MUNROE, 1882 MANUEL ADRIAN NAVARRO, 1910 Professor Porter Professor Seaver

Officers

President

EUGEN OLAF CHRISTIANSEN, 1910

1st Vice-President Manuel Adrian Navarro, 1910 2d Vice-President HEENAN TINCHING SHEN, 1910

Secretary-Treasurer
David St. Pierre Gaillard, 1911

Councillors

Dean Burton

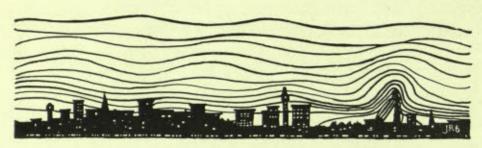
Professor Despradelle

GORTON JAMES, 1910

House Committee

DAVID St. Pierre Gaillard, 1911 John Lodge, 1910, Chairman Carroll Arthur Sutherland, 1910

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CCORDING to the constitution the object of this society, which was organized April 30, 1909, is to investigate and advance the science of radio-telegraphy and telephony; to discourage needless amateur interference with government operations, private or commercial messages; and to discourage needless or unjust legislation infringing upon the rights of properly conducted experiments. To become an active member in the society, the candidate must present proof of a profound interest in radio-telegraphy or telephony and in the advancement of the same or any branches connected with the art.

President EDMUND BURKE MOORE, 1912

Vice-President EDWARD HIGLEY GUILFORD, 1912

Secretary HERBERT LOUIS WOEHLING, 1912

Treasurer HERBERT WILLIAM HALL, 1912

Board of Directors

E. M. SYMMES, 1911 S. R. MACKELLAR, 1912

E. M. MASON, 1912 H. M. PRIEST, 1912

Charter Members

L. W. COOPER, 1912 J. H. Ellis, 1912 E. H. GUILFORD, 1912 H. W. Hall, 1912 H. D. Kemp, 1912 S. R. MACKELLAR, 1912

E. M. Mason, 1912 E. B. Moore, 1912 H. M. PRIEST, 1912 E. M. Symmes, 1911 R. F. Symonds, 1912 C. W. WEBBER, 1912

H. L. WOEHLING, 1912

Regular Members

R. M. BARTON, 1911 J. K. BATCHELDER, 1913 R. H. Bowers, 1910 J. M. Brooks, 1912 E. S. Brown, 1912 F. H. Busby, 1912 W. E. CALDWELL, 1913 R. B. CATTON, 1913 L. W. CHANDLER, 1912 H. W. CODDING, 1912 T. R. Collins, 1913 H. B. Davis, 1912 [258]

D. N. Frazier, 1911 C. W. GOTHERMAN, 1913 H. P. Fessenden, 1913 P. L. R. Flansberg, 1912 A. S. HAMMOND, 1913 L. C. HART, 1913 W. B. HOPKINS, 1911 J. H. LENAERTS, 1912 M. M. LEONARD, 1913 J. W. LOVELL, 1912 J. S. MARTIN, 1912 K. C. McKenney, 1912

K. R. MURDOCK, 1913 J. I. MURRAY, 1912 W. P. MUTHER, 1913 W. F. O'BRIEN, 1912 R. ROCHESTER, JR., 1913 R. D. Sampson, 1913 H. F. SHAW, 1911 C. W. SMITH, 1912 S. T. TROLLAND, 1912 G. R. WALLACE, 1913 G. W. WAYMOUTH, 1913 C. W. WEBBER, 1912



HE Exeter Club of Technology was organized about 1894, and has been more or less active since that date. Any past student of Phillips Exeter Academy attending Technology is eligible to membership. The object of the club is to keep the men from Exeter in touch with each other. Several dinners are given during each year.

President Russell Hastings, 1910

Secretary-Treasurer

STAFFORD ALLEN FRANCIS, 1911

Vice-President

HOUGHTON HAMILTON WHITHED, 1911

Keeper of Dead RALPH NELSON DOBLE, 1912

Members

1910

HAROLD SHELTON ARNOLD CHARLES FRENCH DOBLE

RUSSELL HASTINGS FRENCH PHILBRICK SARGENT PHILIP VARNUM WELLS

1911

HENRY CLARENCE DAVIS, JR. GEORGE HENRY ESTES

STAFFORD ALLEN FRANCIS

VOLANT VASHON BALLARD WILLIAM CASE BIRD HERBERT HOWARD CALVIN Louis Jeremiah Harrigan OTIS HUTCHINS HOUGHTON HAMILTON WHITHED

1912

HAROLD WESLEY DANSER RALPH NELSON DOBLE DONALD HAFF RADFORD

DANIEL RICKER

1913

CHARLES DANIELS DUFFY WILLIAM GUILD PHILIP MORSE HAMILTON WILLIAM NORMAN HOLMES SAMUEL KNIGHT DAVID VARNEY NASON

HARRY EPHRAIM PRENTICE

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FOUNDED in 1905, the M. A. H. S. Club aims to "forge new links of friendship and to weld more strong the old," to promote the interests of the Institute and the High School. To become a member, a man must have attended the Mechanic Arts High School.

President HAROLD MARTIN DAVIS, 1911

Vice-President Secretary-Treasurer
Harvey Paul Wasserboehr, Jr., 1910 Hubert Oulton Maxwell, 1912

Executive Committee

RUDOLPH BOYNTON WEILER, 1908

HAROLD MORRILL RAND, 1913

THE VICE-PRESIDENT
THE SECRETARY-TREASURER

Members

From the Instructing Staff

THOMAS G. CHAPMAN, S.B.

EVERETT O. HILLER, S.B.

Addison F. Holmes, S.B.

John W. Howard, S.B.

John W. Nickerson, S.B.

Robert L. Smith, S.B.

RUDOLPH B. WEILER, S.B.

Graduate

HAROLD S. OSBORNE, 1908

1910

JOHN B. BABCOCK, SD FRANK A. BAKER CHARLES F. DOBLE W. NOEL DREW CHARLES A. DUNKEL W. DEXTER EVERETT CHARLES E. GREEN ARTHUR L. HARDING WILLIAM B. HARGRAVES FRANK E. HODGES JOHN A. HOLBROOK
CARL H. LOVEJOY
JOHN D. MCNAMARA
OTTO C. S. MEISEL
OTTO R. RIETSCHLIN
LUKE E. SAWYER
HENRY SCHREIBER, JR.
WALTER SPAANS
W. RATCLIFFE WALDO
HARVEY P. WASSERBOEHR, JR.

RICHARD P. WATSON

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1911

OBERLIN S. CLARK PAUL A. CUSHMAN HAROLD M. DAVIS JAMES F. DUFFY BURGESS DARROW THOMAS H. HAINES NATHAN LEVY LAURENCE G. ODELL JOHN W. ORCHARD KENNETH C. ROBINSON DANIEL J. SMITH GUY W. TRUE

HARRY W. WATERFALL

1912

JOHN L. BRAY
ROBERT L. DEVINE
LESLIE B. DUKE
PAUL G. FRASER
JOHN S. GRANT
FRANCIS T. MCAVOY
HUBERT O. MAXWELL

Joseph I. Murray Mark A. Oettinger Horace S. Payson George A. Robinson George S. Sawyer Solomon Schneider Francis E. Severance

LLOYD A. HECHINGER

1913

Jacob Bernhard
Chester L. Brennan
Charles W. Brown
Henry Caswell
Claude F. Cairns
George M. Denkinger
Charles G. Fallon
Henry G. Hauck
Herman P. Kasper
Malcolm Lewis

ORVILLE W. MESERVE
WILLIAM J. MOONEY
ALEXANDER J. PASTENE
CLINTON E. PEARCE
HAROLD M. RAND
THOMAS J RICE
ISADOR SISONSKY
JOSEPH A. SUMMERVILLE
EDWARD N. TAYLOR
GEOFFREY R. THAYER

BENJAMIN B. TREMERE, JR.



Brookline High School Club

"THE MITTEN"

AVING been founded in 1906 by seven graduates of the Brookline High School who entered the class of M. I. T. '10, this club has been nicknamed the "Mitten." The club is now well established, and holds meetings every three weeks at the home of some member. At the end of each school year a "Grand Ravel" is held in Boston. The club has been active in promoting an Alumni Association at the High School and has been influential in directing men to Technology.

President

ARTHUR PIERCE TRUETTE, 1910

Secretary-Treasurer

WALTER KEITH BROWNELL, 1910

Literary Committee

Charles Frederick Robinson, 1910, Chairman

Alfred Franklin Kenrick, 1912 Harry Hadlock Thompson, 1913

The Mitten Staff

Wellesley Joseph Seligman, 1911 Carl Augustus Funk, 1912

Yarn Spinner William Rhodes Mattson, 1913

Wool Gatherers

Members

1910

Walter Keith Brownell Malcolm Dana Price
Percy Falkenberg Charles Frederick Ro

PERCY FALKENBERG CHARLES FREDERICK ROBINSON
WILLIAM JOHN O'HEARN ARTHUR PIERCE TRUETTE

DONALD VOORHIS WILLIAMSON

1911

LLOYD CARTWRIGHT COOLEY
LESLIE GORDON GLAZIER
GEORGE CHURCHILL KENNEY

WELLESLEY JOSEPH SELIGMAN
KENNEY DONALD READ STEVENS

1912

CARL AUGUSTUS FUNK

ALFRED FRANKLIN KENRICK

DENNIS FRANCIS MAHONEY

1913

SAMUEL BRECK, JR. WILLIAM ALLEN BRYANT WILLIAM RHODES MATTSON JAMES RUDOLPH

HARRY HADLOCK THOMPSON

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ALL Tech men from New York State are eligible to membership in this club the purpose of which is to promote good fellowship and to enable the men from different parts of the state to become better acquainted.

Officers

President
HAROLD EDWARD AKERLY, 1910
Secretary
HERBERT ERNEST FOWLER, 1910

Vice-President
WILLIAM EDWARD HAUGAARD, 1910
Treasurer
HARVEY SMITH BENSON, 1912

Executive Committee
John Moncey Fitzwater, 1910
Herbert Squires Cleverdon, 1910

Members

1909

GEORGE TRUMAN PALMER

1910

JOHN AHLERS
HAROLD EDWARD AKERLY
GEORGE ELLINWOOD BATCHELLER
HERBERT SQUIRES CLEVERDON
FREDERICK ARCHIBALD DEWEY
JOHN MOXCEY FITZWATER
HERBERT ERNEST FOWLER
HEATH SCOTT GERITY

ALFRED HAGUE
WILLIAM EDWARD HAUGAARD
MORRIS WILBUR HEDDEN
CHARLES EDMUND MEULENDYKE
NATHANIEL STEVENS SEELEY
CARROL ARTHUR SUTHERLAND
PHILIP DUNBAR TERRY
THEODORE BROWNING WHITTEMORE

1911

SYDNEY ALLING KESTER BARR ORLIFF VAN HEIK CHASE

MITCHELL COFFIN
JOHN PIERREPONT CONSTABLE
NORMAN DUFFETT
WILLIAM ALEXANDER SHEPHERD

1912

HARVEY SMITH BENSON HAROLD BENKMA DAVIS BERTRAM SEARCH FENNER PERCY LE ROY FLANSBURG CHARLES LESTER GABRIEL HAMILTON MERRLIL

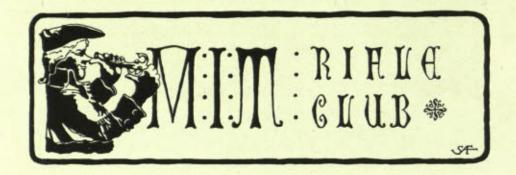
CLARENCE McDonough

1913

FREDERICK DORR RICH

ROSSLYN SMYTHE-MARTIN

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THE M. I. T. Rifle Club was founded in 1906 and is affiliated with the National Rifle Association. Its purpose is the promotion of rifle practice. All undergraduates who have made two scores of fifteen out of a possible twenty-five are eligible for membership.

President
HAROLD RAYMOND WILBUR, 1910

Vice-President
HENRY DONALD KEMP, 1912

Secretary
Maurice Raymond Thompson, 1910

Treasurer
Walter Warren Lang, 1912

Executive Officer
ROBERT TEMPLE PORTAL, 1913

Members

GEORGE W. BAKEMAN, 1912
EDMUND G. BROWN, 1912
WILLIAM N. DREW, 1910
HOWARD P. FESSENDEN, 1913
STAFFORD A. FRANCIS, 1911
RUSSELL D. FRANCIS, Sp.
PAUL G. FRASER, 1912
L. GORDON GLAZIER, 1911
GEORGE E. GOODSPEED, 1910
HENRY D. KEMP, 1912

Walter W. Lang, 1912
Malcolm Lewis, 1913
Robert T. Portal, 1913
Henry J. G. Rudolf, 1913
Frank R. Ryder, 1911
Ralph A. Smead, 1910
Ernest M. Symmes, 1911
Martin L. Tod, 1910
Maurice R. Thompson, 1910
Paul C. Warner, 1913

HAROLD R. WILBUR, 1910

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THE Southern Club of the Massachusetts Institute of Technology was organized in 1901 and reorganized in 1908. The purpose of the club is to promote fellowship among its members. Southerners in the Institute are eligible when approved of by the members of the club.

President
James Calvin Rogers

Vice-President George Smyth Watson

Secretary-Treasurer LEON MEYER ADLER

Nominating Committee

JAMES KENNETH CAMPBELL
CHARLES PHILLIPS KERR

HARRY HARDIN CATCHING

Entertainment Committee

HARRY HARDIN CATCHING

BANCROFT HILL

JOHN HENRY SCARFF

Members

LEON M. ADLER, 1910
JULIAN E. ADLER, 1913
RICHARD S. AYRES, 1909
WILLIAM T. BIEDLER, 1910
VAN TUYL H. BIEN, 1910
HAROLD D. BOUNETHEAU, 1909
RALPH S. BREYER, 1910
FRANK W. CALDWELL, 1912
JAMES K. CAMPBELL, 1911
HARRY H. CATCHING, 1911
ARTHUR M. COLEMAN, 1911
C. EATON CREECY, 1910
RANDALL CREMER, 1912
WALTER S. DAVIS, 1910
FREDERICK H. DIERKS, 1912

Morts
Karl D. Fernstrom, 1910
Henry K. Franzheim, 1913
Livingston P. Ferris, 1911
Bancroft Hill, 1911
W. Edward Humphreville, Jr., 1911
Aurelius P. Hornor, 20, 1912
Gerald B. Howard, 1913
Charles P. Kerr, 1911
William H. March, 1910
Bolivar B. Ringo, 1913
James C. Rogers, 1910
John H. Scarff, 1910
Maurice R. Scharff, 1909
Hermann C. Schmidt, 1910
George S. Watson, 1911



THIS club was founded in 1906 for the purpose of getting Pennsylvania men at the Institute better acquainted. Several dinners are held during the course of the year. Any man attending the Institute from the State of Pennsylvania is eligible for membership.

President
RAYMOND WEISS JACOBY, 1910

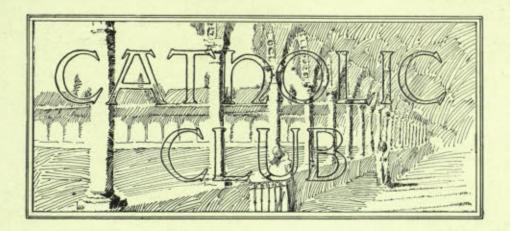
Vice-President
Russell Diemer Wells, 1910

Secretary-Treasurer
ARTHUR LEON STEIN, 1910

Members

DAVID F. BAKER, Sp. ARTHUR T. BENNIS, 1912 DAVID F. BENBOW, 1912 WALTER P. BOARDMAN, Sp. LEE BOWMAN, Sp. CHARLES D. CAREY, 1910 OLIN V. CHAMBERLIN, 1910 JOHN C. DIEHL, 1910 JOSEPH H. DUNLAP, 1911 ARCHIBALD EICHER, 1912 CHRISTOPHER FALLON, 1912 WILLIAM N. HOLMES, 1913 RALPH H. Howes, 1913 RAYMOND W. JACOBY, 1910 FREDERIC W. LANE, 1913 LASLEY LEE, 1910 THOMAS R. LATHROPE, Sp. [266]

Morris M. Leonard, 1913 NORMAN H. LYNCH, 1913 JOSEPH C. MACKINNAN, 1913 ALEXANDER NIMICK, 1911 HAROLD L. NICKERSON, Sp. JAMES B. PIERCE, 1910 Alfred I. Phillips, Jr., 1910 HAROLD SHARP, 1910 DAVID A. STODDART, 1910 ARTHUR L. STEIN, 1910 JOHN B. TENNEY, Sp. ROBERT P. WALLER, 1910 WILLIAM W. WARNER, 1911 RUSSELL D. WELLS, 1910 WILLIAM H. WENGERT, 1910 WALTER S. WOODS, 1912 Allison H. Whorf, 1911



THE Catholic Club was established during the year 1906-07. Its object is to develop social life among the Catholics at the Institute. This is accomplished through frequent informal meetings and an annual dance and banquet. Speakers of prominence are always secured for the informal meetings, and the subjects are of current interest which may or may not have reference to religion. The membership of the club now exceeds fifty and is open to all Catholics of the Institute.

Officers

President

PETER DESMOND WHITE, 1911

Vice-President

JOHN JOSEPH DEVLIN, 1911

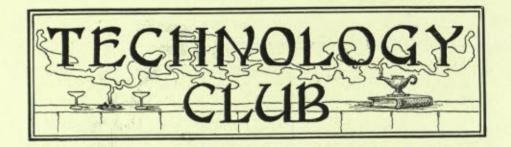
Secretary

THOMAS STEPHEN KILLION, 1911

Executive Committee

CHARLES FREDERICK HARRINGTON, 1911 ARTHUR FRANCIS LEARY, 1911
JOHN ALBERT HERLIHY, 1911 ARTHUR JAMES LENNON, 1912

Spiritual Director
Reverend Father Scanlon



HE Technology Club is open to all alumni and undergraduates after the first term of junior year. A club-house is maintained at 83 Newbury Street.

President WILLIAM LYMAN UNDERWOOD

Executive Committee SETH K. HUMPHREY

ALLYNE L. MERRILL

HOWARD L. COBURN

Membership Committee

Vice-President SETH K. HUMPHREY

Treasurer Augustus H. Gill.

W. LYMAN UNDERWOOD ROBERT S. WILLIAMS

House Committee Carroll W. Doten, Chairman Samuel C. Prescott

HOWARD L. COBURN, Chairman CHARLES-EDWARD A. WINSLOW

Council

(Elected to serve three terms) Elected in 1907

WILLIAM W. CROSBY

HENRY A. MORSS FRANK G. STANTIAL

Elected in 1908 SETH K. HUMPHREY

JOSEPH H. KNIGHT

Elected in 1909

A. T. BRADLEE WALTER E. PIPER

HENRY FAY

A. D. FULLER HOWARD L. COBURN

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HARRY W. TYLER

Secretary

ROBERT S. WILLIAMS

Librarian HENRY D. JACKSON

AUGUSTUS H. GILL CARROLL W. DOTEN

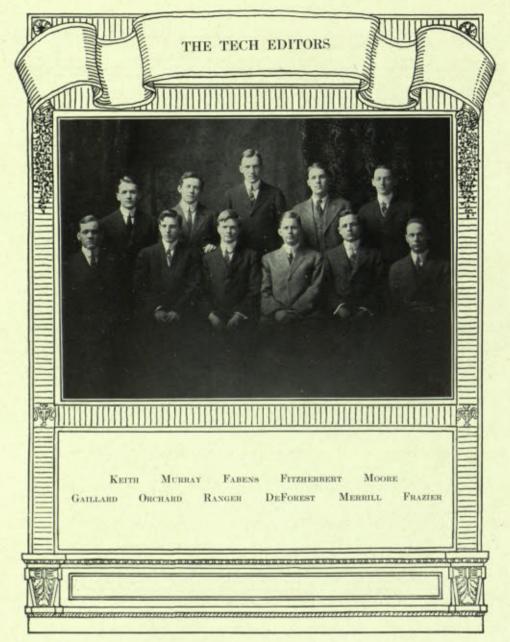
C. C. R. Fish

ALLYNE L. MERRILL

JOHN O. DE WOLF ROBERT S. WESTON

FREDERICK R. KNEELAND







RICHARD HOWLAND RANGER, 1911

News Board

Editor-in-Chief DAVID St. P. GAILLARD, 1911, First Term Andrew Lawrie Fabens, 1910, Second Term Institute Editor Andrew Lawrie Fabens, 1910, First Term Ludwig Rosenstein, 1910, Second Term JOSEPH IGNATIOUS MURRAY, 1911, First Term Athletic Editor . Leroy George Fitzherbert, 1911, Second Term Societies Editor WILLIAM JAMES ORCHARD, 1911, First Term Gerald Marcy Keith, 1912, Second Term Exchange Editor GERALD MARCY KEITH, First Term EDMUND BURKE MOORE, 1912, Second Term

Business Board

Business Manager Norman DeForest, 1911, First Term
Donald Nichols Frazier, 1911, Second Term
Advertising Manager Hamilton Merrill, 1912
Circulation Manager Donald Nichols Frazier, 1911, First Term
Alexander Yereance, 1911, Second Term

Associate News Board

STACY COLLINS BATES, 1911
HENRY FRANCIS DOLLIVER, 1911
ARTHUR WEBSTER KENNEY, 1913
PAUL MCINTOSH TYLER, 1912
DAVID JAMES McGrath, 1912
MARK ADOLPH OETTINGER, 1912
THOMAS EDWARD SENIOR, 1913

Associate Business Board

HENRY DONALD KEMP, 1912
CHRISTOPHER FALLON, 1912
News Staff

Sidney Carlisle Neff, 1912
ROYAL MINER BARTON, 1911

ERNEST WALTER DAVIS, 1912
FREDERICK HENRY BUSBY, 1912
STRATHY RIDOUT MACKELLAR, 1912

RALPH SMEDBERG RANKIN, 1913
SOLOMON SCHNEIDER, 1913
EDGAR WHITTAKER TAFT, 1913

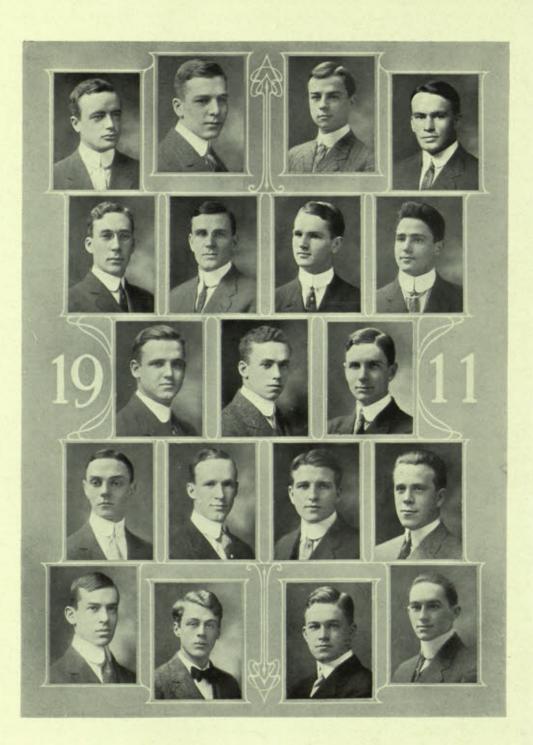
Herbert William Hall, 1912

Advertising Staff
Russel Thomas Balley, 1912

Circulation Staff
Rudolph Herzer Fox, 1912 Howard Pike Fessenden, 1913 William Guild, 1913

Nathaniel Emil Brooks, 1913 William Joseph Mooney, 1913
Frederick Dorr Rich, 1913

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TECHNIQUE



Society Editor

LLOYD CARTWRIGHT COOLEY Athletic Editor

KENNETH WINSLOW FAUNCE Assistant Business Manager

> CHESTER TOTTEN MOREY Assistant Business Manager

HUBERT STACY SMITH ORVILLE BOARDMAN DENISON Grind Editor

> THEODORE BISSELL PARKER Faculty Editor

WELLESLEY JOSEPH SELIGMAN Class History Editor

NORMAN DUFFETT Assistant Business Manager

DONALD READ STEVENS Editor-in-Chief

FRANCIS ALDRICH MOORE Business Manager, First Term CEDRIC SAMUEL ANDERSON Business Manager, Second Term

WILLIAM DEWEY FOSTER Art Editor

WILLIAM CONYNE SALISBURY

Statistician

JOHN RICE BELL Assistant Art Editor

> MILTON ERNEST HAYMAN Assistant Art Editor

JOHN LAVELLE MCALLEN Treasurer

CHARLES HUDSON SAYRE MERRILL Statistician

> JOHN ARTHUR BIGELOW Assistant Art Editor

ROBERT ODIORNE WOOD Assistant Art Editor

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History of "The Tech"

STARTING as a bi-weekly in 1881, The Tech was published as a magazine for twelve years. In 1893 it became a weekly, but not until the fall of 1904 was there any radical change in its form. At this date a tri-weekly news sheet was attempted under the leadership of C. T. Bartlett, 1906, and D. G. Robbins, 1907. The experiment was successful, and so evident has been the demand for real Technology news that a still more radical step has been taken this year, and through the efforts of R. H. Ranger, 1911, and N. De-Forest, 1911, a daily has been established with an edition of 1,000 copies.

Editors-in-Chief and Business Managers of "The Tech"

1881-1882 (A. W. Walker, Editor-in-Chief S. M. Ulmer, General Adv. Agent

1882-1883 H. S. Chase, Editor-in-Chief C. W. Wilder, General Adv. Agent

1383-1884 A. D. Lattle, Editor-in-Chief L. W. Latchfield, General Adv. Agent

1884-1885 T. W. Fry, Editor-in-Chief T. Sterbins, Adv. Agent

1885-1886 W. R. Ingalls, Editor-in-Chief T. Stebbins, Adv. Agent

1886-1887 S. Warren, Editor-in-Chief H. C. Spaulding, Adv. Agent

1887-1888 | S. Warren, Editor-in-Chief R. Robb, Adv. Agent

1888-1889 G. T. GREELEY, Editor-in-Chief J. L. MAURAN, Adv. Agent

1889-1890 J. L. BATCHELDER, Editor-in-Chief H. N. WILLIAMS, Business Manager

1890-1891 Theo. Spencer, Editor-in-Chief H. N. Williams, Business Manager

1891-1892 F. H. HOWLAND, Editor-in-Chief H. N. WILLIAMS, Business Manager

1892-1893 H. L. Rice, Editor-in-Chief C. R. Knapp, Business Manager

1893-1894 | R. B. PRICE, Editor-in-Chief C. R. KNAPP, Business Manager

1894-1895 A. D. Fuller, Editor-in-Chief H. P. Coddington, Acting Manager

1895-1896 C. G. Hyde, Editor-in-Chief W. R. Strickland, Business Manager

1896-1897 C.-E. A. Winslow, Editor-in-Chief W. R. Strickland, Business Manager 1897-1898 C.-E. A. Winslow, Editor-in-Chief W. R. Strickland, Business Manager

1898-1899 S. G. H. Fitch, Editor-in-Chief E. B. Cooke, Business Manager

1899-1900 | I. R. Adams, Editor-in-Chief T. W. Brigham, Business Manager

1900-1901 H. H. SAYLOR, Editor-in-Chief A. S. MORE, Business Manager

1901-1902 R. C. Tolman, Editor-in-Chief P. M. Smith, Business Manager

1902-1903 R. B. Pendergast, Editor-in-Chief W. Turner, Business Manager

1903-1904 L. T. Bushnell, Editor-in-Chief M. Ahumada, Jr., Business Manager

1904-1905 | C. T. Bartlett, Editor-in-Chief D. G. Robbins, Business Manager

1905-1906 J. E. F. Whitney, Editor-in-Chief J. C. Brooks, Business Manager

1906-1907 | M. E. DENNY, Editor-in-Chief R. W. Parlin, Business Manager

1907-1908 H. W. Hoole, Editor-in-Chief C. Turner, Editor-in-Chief R. S. Bicknell, Business Manager

1908-1909 H. I. Pearl, Editor-in-Chief G. B. Forristall, Business Manager

1909-1910 R. H. RANGER, General Manager 1st term D. P. GAILLARD, Editor-in-Chief N. DEFOREST, Business Manager

2d term A. L. Fabens, Editor-in-Chief D. N. Frazier, Business Manager

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History of "Cechnique"

WENTY-FIVE years ago, in 1885, the first volume of Technique was published by the Class of 1887. The edition was an unassuming one. The books had but 152 pages and were bound with paper covers. The demand for a better annual caused the editors of Technique 1889 to offer a cloth-covered edition. From this date Technique has been improved upon each year, until favorable criticism has ranked the recent volumes among the best annuals in the country. Since 1890 Technique has been named after the class which publishes it. The editors are all from the Junior Class, and are chosen at the end of their Sophomore year by an Electoral Committee (see page 291).

Editors-in-Chief and Business Managers of "Technique"

1885 F. P. Gullaver, Editor-in-Chief H. C. Spaulding, Manager

1886 G. E. Clafian, Editor-in-Chief L. A. Ferguson, Manager

1887 J. L. MAURAN, Editor-in-Chief R. L. Russell, Manager

1889 H. E. HATHAWAY, Editor-in-Chief F. C. Blanchard, Manager

F. C. BLANCHARD, Manager

1890 F. METCALFE, Editor-in-Chief H. M. Walte, Manager

1892 R. WATERMAN, Jr., Editor-in-Chief

1893 L. B. DIXON, Editor-in-Chief A. L. Kendall, Manager

1894 R. K. Sheppard, Editor-in-Chief A. M. Robeson, Manager

1895 A. D. FULLER, Editor-in-Chief

1896 BENJ. HURD, Jr., Editor-in-Chief A. D. MACLACHLAN, Manager

1897 W. Bancroft, Editor-in-Chief T. Washburn, Manager

1898 | R. S. Willis, Editor-in-Chief H. I. Lord, Manager

1899 C. Renshaw, Editor-in-Chief

1900 L. Stewart, Editor-in-Chief G. H. Belknap, Manager

1901 J. T. Scully, Jr., Editor-in-Chief P. H. Parrock, Manager

1902 C. A. Sawyer, Jr., Editor-in-Chief

1903 H. S. Morse, Editor-in-Chief J. T. Cheney, Manager

1904 G. E. Atrins, Editor-in-Chief W. E. Hadley, Manager

1905 | G. B. Perkins, Editor-in-Chief W. Turner, Manager

1906 M. A. Coe, Editor-in-Chief C. F. W. Wetterer, Manager

1907 A. H. Donnewald, Editor-in-Chief G. A. Griffin, Manager

1908 H. A. RAPELYE, Editor-in-Chief W. B. GIVEN, Jr., Manager

1909 R. H. Allen, Editor-in-Chief

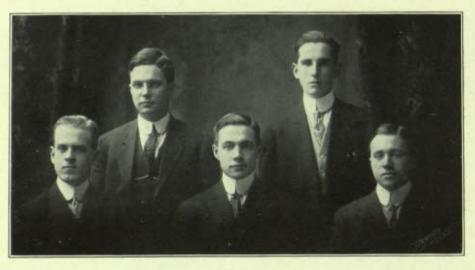
1910 C. C. McMurtrie, Editor-in-Chief

1911 D. R. Stevens, Editor-in-Chief F. A. Moore, Manager, 1st term C. S. Anderson, Manager, 2d term



FIVE men are each year elected from the Senior Class to form a committee for the publication of the Senior Portfolio. The Portfolio contains pictures and histories of all the Seniors and of those who have at any time been connected with the class, as well as pictures of the President of the Institute, officers of the Faculty, heads of courses, and of the class teams and committees.

MERRILL WILLIAM TILDEN, Chairman
DONALD VOORHIS WILLIAMSON, Treasurer
CLIFFORD CHASE HIELD, Secretary
JOHN AVERY, JR.
MAURICE SCOTT CHAPIN



HIELD [276] AVERY

TILDEN

CHAPIN

WILLIAMSON

TECHNOLOGY REVIEW

THE TECHNOLOGY REVIEW is published quarterly by the Alumni Association. Its object is to promote the welfare and advancement of the Massachusetts Institute of Technology by keeping its graduates and others interested in its progress in touch with it. In its articles are discussed the growth and expansion of the Institute, the general problems of education that pertain to it, and the important achievements, both in engineering and science, of its past students. It also reports in an informal



I. W. LITCHFIELD, 1885

way the actions taken by the Corporation and Faculty, the meetings of the local alumni associations, the news relating to student organizations, and to the social life of the Institute in general. It presents also the personal information obtained by the Class Secretaries in regard to the occupations and activities of former students.

Committee on Publication

James Phinney Munroe, 1882 Arthur Amos Noyes, 1886
Walter Bradlee Snow, 1882 Walter Humphreys, 1897
Isaac White Litchfield, 1885, Editor





JOHN F. ALTER, 1911

PUBLICATION COMMITTEE JOHN H. SCARFF, 1910, Chairman HARRY W. GARDNER, 1894, Manager

LESTER H. KING, 1909







HORNER LEARY SWENSON ODELL TAYLOR

JONES BRETT HERRON KNIGHT MOORE FERNANDEZ ROBINSON

HOWLETT BRUSH Mgr. HART Leader Caldwell Wilson Thompson Adams

DOBLE CROWLEY THOMPSON CHAMPAGNE MAGLOTT LUNT



Leader

PHILIP LORD CALDWELL, 1911

Manager

PHILIP MORSE HAMILTON, 1913

First Tenors

PHILIP LORD CALDWELL, 1911
JOHN EDWARD CROWLEY, 1911
RALPH NELSON DOBLE, 1911
FISKE REED JONES, 1913
GEORGE FREDERICK MAGLOTT, 1910
FRANCIS ALDRICH MOORE, 1911
ALBERT OLOF WILSON, 1911

First Basses

CLARENCE WILLIAM BRETT, 1913 RICHARD OSBORNE FERNANDEZ, 1910 PHILIP MORSE HAMILTON, 1913 ARTHUR ENOCH HOWLETT, 1913 GUY ANDREW SWENSON, 1912 HARRY HAVELOCK THOMPSON, 1913

Second Tenors

Joseph Leslie Champagne, 1912 Louis Robert Golden, 1911 William Everhard Herron, 1911 Halsey Boardman Horner, 1913 Samuel Knight, 1913 Lawrence Gleason Odell, 1911 Uldric Thompson, Jr., 1911

Second Basses

BRETT, 1913 RALPH GUY ADAMS, 1911
REUBEN WARNER BRUSH, 1910
LAURENCE COLLETT HART, 1913
VLETT, 1913 ARTHUR FRANCIS LEARY, 1911
SON, 1912 GEORGE PERKINS LUNT, 1910
CHOMPSON, 1913 KENNETH CALEB ROBINSON, 1911
SEYMOUR HOWELL TAYLOR, 1913

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MANDOLIN CLUB



Franzheim Thompson Taylor Wheeler Wengert
Selfridge Mgr. Partridge Wallace Lewis
Bryant Martin Warner Jacoby
Applequest Leader Northrop Hill
Crowley Moore Cremer Denton
Rowley Seelye Williams



Leader

JOSEPH WALTER NORTHROP, JR., 1910

Manager

HENRY HINMAN PARTRIDGE, 1912

First Mandolins

Jerome Anthony Applequest, 1912
John Edward Crowley, 1911
John Francis Davis, 1910
Roger Frank Hill, 1910
Joseph Walter Northrop, Jr., 1910
Charles Bacon Rowley, 1912
Richard Harriman Scanlon, 1912
Howard David Williams, 1911

Guitars

Malcolm Lewis, 1913 Maurice Roos Scharff, 1909 Uldric Thompson, Jr., 1912 George Rodney Wallace, Jr., 1913 Thorne Lake Wheeler, 1911 Dwight Mead Wyman, 1912

Traps

JOHN STEPHENS MARTIN, 1912

Second Mandolins

RANDALL CREMER, 1912
WILLIAM BYERS DENTON, 1911
HENRY KENNETH FRANZHEIM, 1913
RAYMOND WEISS JACOBY, 1910
WALTER STONE MOORE, 1912
SETH HENESS SEELYE, 1912
SAMUEL WOODWORTH SELFRIDGE 1913
HORACE VAN SANDS TAYLOR, 1910

Mandolas

WILLIAM WEATHERBY WARNER, 1911 WILLIAM HARRY WENGERT, 1910

'Cellos

WILLIAM ALLEN BRYANT, 1913 LAURENCE COPELAND SHAW, 1909

Flute

HENRY HINMAN PARTRIDGE, 1912

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Leader
Harold Lockett, 1910

Manager
Dwight Mead Wyman, 1912

Banjeaurines

Harold Sharp, 1910 Frank Douglas Stewart, 1910 George Rodney Wallace, Jr., 1913 Harold Lockett, 1910

Banjos

John Hamilton Ruckman, 1910 Sterling Burton Dyer, 1911 Raymond Bontecou Haynes, 1913 Ralph Snadburg Rankin, 1913

Guitars

Uldric Thompson, Jr., 1912 Dwight Mead Wyman, 1912

Combined Alusical Clubs



Manager WARNER, 1911

President
REUBEN WARNER BRUSH, 1910

Secretary
Philip Lord Caldwell, 1911

General Manager
William Weatherby Warner, 1911

Assistant General Manager
John Stephens Martin, 1912

CONCERTS OF THE MUSICAL CLUBS DURING SEASON OF 1909-10

October 29. Hotel Vendome.

November 26. Paul Revere Hall. Joint Concert with Musical Clubs of Wesleyan University.

December 2. Hotel Vendome. (Mandolin Club.) South End Day Nursery Fair.

December 3. Milton Town Hall.

December 10. Wellesley Town Hall.

December 13. Norumbega Hall, Auburndale. Auburndale Village Improvement Society.

December 17. Annual Winter Concert, Copley Hall.

January 8. Maverick Church, East Boston.

January 31. Twentieth Century Club, Buffalo, N.Y.

February 2. Church of Our Father, Detroit, Mich.

February 3. Fine Arts Hall, Chicago, Ill.

February 4. University of Rochester Gymnasium, Rochester, N.Y.

February 5. Hotel Knickerbocker, New York City.

February 22. Unitarian Sunday School, Melrose.

February 25. Vestry of First Parish Church, Dorchester. Nathaniel Hall Society of Dor-

March 16. Girls' High School, Boston. Girls' High School Association.

March 18. First Congregational Church, Lynn. Lynn Educational Association.

March 25. Paul Revere Hall.

April 18. Annual Spring Concert, Copley Hall.

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INSTITUTE COMMITTEE



Peck Kerr Prentice Hall Ahlers Warner Fuller
Holmes Breyer Benbow Burnham Holbrook Stevens
Dewey Reynolds Copeland Goodwin Eicher Gould Bell



THE Institute Committee is the student governing body.

President
RICHARD FREDERIC GOODWIN, Jr., 1910

Vice-President
STUART BROWN COPELAND, 1911

Secretary-Treasurer Archibald Eicher, 1912

Class Representatives 1910

FRANK FREDERICK BELL

RICHARD FREDERIC GOODWIN, Jr.

BERGEN REYNOLDS

STUART BROWN COPELAND

1911 Joseph Cheever Fuller

CHARLES PHILLIPS KERR

DAVID FRY BENBOW

ARCHIBALD EICHER

HERBERT WILLIAM HALL

WILLIAM NORMAN HOLMES HARRY DEXTER PECK

HARRY EPHRAIM PRENTICE

Professional Society Representatives

ROBERT SAMUEL BREYER, 1910
PHILIP WEEKS BURNHAM, 1910
FREDERICK ARCHIBALD DEWEY, 1910
LAURENCE TODD HEMMENWAY, 1910
GORDON GODSHALL HOLBROOK, 1910

Architectural Society Mechanical Engineering Society Electrical Engineering Society Naval Architectural Society Chemical Society

Mining Engineering Society

GEORGE PERKINS LUNT, 1910 . . . GEORGE TRUMAN PALMER, 1910 ROBERT PETTIT WALLER, 1910 . .

Donald Read Stevens, 1911

Biological Society Civil Engineering Society

Ex-officio Members

JOHN AHLERS, 1910

RAYNOR HUNTINGTON ALLEN, 1910

DUDLEY CLAPP, 1910

FREDERICK ALOYSIUS HURLEY, 1910

RICHARD HOWLAND RANGER, 1911

Technology Christian Association President Athletic Association, First Term General Manager Tech Show President Athletic Association, Second Term

General Manager The Tech Editor-in-Chief Technique General Manager Musical Clubs

Executive Committee

Frank Frederick Bell, 1910 Frederick Archibald Dewey, 1910 Richard Frederic Goodwin, Jr., 1910

WILLIAM WEATHERBY WARNER, 1911

ALLEN ADAMS GOULD, 1910 RICHARD HOWLAND RANGER, 1911 BERGEN REYNOLDS, 1910

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THESE committees have charge of the management of the Technology Union. The Union Committee is the general advisory committee. The Entertainment Committee provides for Friday night speakers; the House Committee has the arrangements and order of the Union rooms to attend to; and the Dining Room Committee is in charge of the dining service.

Union Committee

Dean Alfred E. Burton, Chairman Maurice Roos Scharff, 1909
Harold Martin Davis, 1911 Carl Joseph Sittinger, 1910, Secretary
Gorton James, 1910 Philip Dunbar Terry, 1910

Entertainment Committee

Malcolm Bruce Brownlee, Jr., 1911 John Lodge, 1910 Gorton James, 1910, Chairman Dwight Mead Wyman, 1912

House Committee

HAROLD MARTIN DAVIS, 1911, Chairman GARDNER CLIFFORD GEORGE, 1911
GEORGE MARSHALL DENKINGER, 1913 KANEZO GOTO, 1911
HENRY FRANCIS DOLLIVER, 1911 LAURENCE COLLETT HART, 1913
MALCOLM LEWIS, 1913

Dining Room Committee

John Brazier Babcock, 3d, 1910 Harold Wesley Danser, 1912 Charles Hamlin Carpenter, 1912 Philip Dunbar Terry, 1910, Chairman [290]



DURING the second term of the Sophomore year each class elects by popular vote a committee of twenty-five men known as the Technique Electoral Committee. These men hold a series of meetings, and with them rests the responsibility of electing an efficient Board of Editors to handle the Institute year book. Heretofore these committees have merely chosen a group of men to edit the book, and left it to the latter to elect their own Editor-in-Chief, but with this committee a change was made, and it was decided that the committee should elect the Editor-in-Chief.

Chairman William Conyne Salisbury

Secretary-Treasurer Charles Phillips Kerr

LLOYD CARTWRIGHT COOLEY
STUART BROWN COPELAND
HAROLD MARTIN DAVIS
NORMAN DEFOREST
ORVILLE BOARDMAN DENISON
CALVIN POWELL ELDRED
KENNETH WINSLOW FAUNCE
JOSEPH CHEEVER FULLER
RICHARD HARTSHORN GOULD
MARCUS AURELIUS GROSSMANN
CHARLES FOSTER HOBSON
CHARLES PHILLIPS KERR
SCOTT PRESCOTT KIMBALL
JOHN LAVELLE MCALLEN

CHARLES HUDSON SAYRE MERRILL
EDWARD ARDERY NASH
LAURENCE GLEASON ODELL
THEODORE BISSELL PARKER
RICHARD HOWLAND RANGER
WILLIAM CONYNE SALISBURY
WELLESLEY JOSEPH SELIGMAN
HUBERT STACY SMITH
DONALD READ STEVENS
EDWARD DEMMING VAN TASSEL, JR.
PETER DESMOND WHITE
HOWARD DAVID WILLIAMS
FRANK ASAHEL WOOD
ROBERT ODIORNE WOOD

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O unite all Christian men of the Institute into one vigorous body, with the purpose of promoting the moral and spiritual welfare of the undergraduate." This is the object of the Technology Christian Association.

Officers

President: John Ahlers, 1910 Vice-President: Malcolm Bruce Brownlee, 1911

Treasurer: Ralfh Amsden Smead, 1910. Graduate Secretary: Jasper Karl Mason, Dartmouth 1909

Chairmen of Committees

Church Relations: John Hall, 1912 Ways and Means: Kenneth Caleb Robinson, 1911

Association Meetings: Elisha Noel Fales, 1911 Publicity: Gerald Marcy Keith, 1912

Entertainment: Hamilton Merrill, 1912

Advisory Board

Walter B. Snow, 1882, Chairman Professor Dugald C. Jackson, Treasurer

George M. Basford, 1889
Professor George B. Haven, 1894
Don S. Gates, Boston Y. M. C. A.

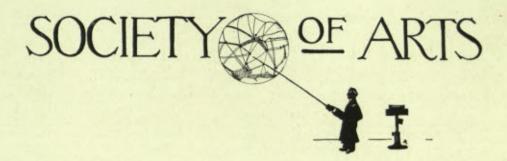
A. Farwell Bemis, 1893
William C. Ewing, 1897

Delegates to Rochester Convention

John Ahlers, 1910 Frederick Henry Busby, 1912 W. Gustav A. Hammarstrom, 1912 Gerald Marcy Keith, 1912 Jasper Karl Mason Augustus Bradford Merry, 1910 Kenneth Caleb Robinson, 1911 Ralph Amsden Smead, 1910 George B. Thomas, *Instructor* William Weatherby Warner, 1911



HALL KEITH MERRY ROBINSON HAMMARSTROM WARNER [292]



THE Society of Arts was established as a department of the Institute by President Rogers in 1861. It is especially devoted to the general dissemination of scientific knowledge, and it aims to awaken and maintain an interest in the recent advances and practical applications of the sciences. Any person interested in the aims of this society is eligible to membership.

Officers

President of the Institute
RICHARD C. MACLAURIN

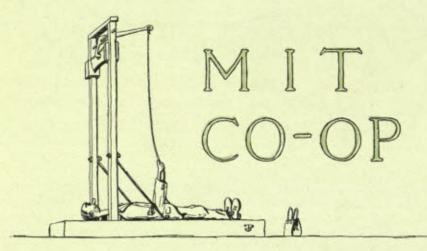
Secretary of the Society of Arts
ISAAC W. LITCHFIELD

Executive Committee

THE PRESIDENT
THE SECRETARY
EDMUND H. HEWINS, Chairman

WILLIAM H. WALKER
WALTER S. LELAND
CHARLES J. H. WOODBURY

WILLIAM S. JOHNSON



HE object of this Society is to advance by all proper means the comfort and pecuniary interests of the students of the Institute.

The income of the Society is devoted to scholarships for the assistance of needy students. Since organization Thirteen Thousand Five Hundred Dollars (\$13,500) have been expended in this way.

OFFICERS

President

ROBERT SAMUEL BREYER, 1910

Vice-President

RALPH MARTIN TORREY, 1910

Secretary

SCOTT PRESCOTT KIMBALL, 1911

Treasurer

Andrew Dugald Maclachlan, 1896

DIRECTORS

THE PRESIDENT OF THE INSTITUTE, ex officio

ROBERT SAMUEL BREYER, 1910 RALPH MARTIN TORREY, 1910 PHILIP DUNBAR TERRY, 1910 HAROLD GOULD JENKS, 1911

SCOTT PRESCOTT KIMBALL, 1911 Andrew Dugald MacLachlan, 1896

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MILITARY Drill is compulsory in the first year at the Institute. Aliens and Quakers are excused.

Major

JOHN ALBERT HERLIHY, 1911

Adjutant
John Soley Selfridge, 1912

Sergeant Major REUBEN AREY, 1913 Drum Major Herbert Alfred Sweet, 1913

Chief Musician
RALPH FREDERIC SYMONDS, 1912

Company A

FREDERICK H. BUSBY, Captain
CHARLES W. WEBBER, 1st Lieutenant
WALTER E. LOWELL, 1st Sergeant

Company B

LOUIS R. GOLDEN, Captain ERNEST W. DAVIS, 2d Lieutenant ROBERT W. WEEKS, 1st Sergeant

Company C

HENRY L. TIRRELL, Captain
HENRY M. PRIEST, 1st Lieutenant
PHILIP M. HAMILTON, 1st Sergeant

Company D

WALTER W. LANG, Captain
DAVID J. McGrath, 1st Lieutenant
SAMUEL E. ROGERS, 1st Sergeant
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The Civil Engineering Summer School

RANGELEY LAKES, MAINE



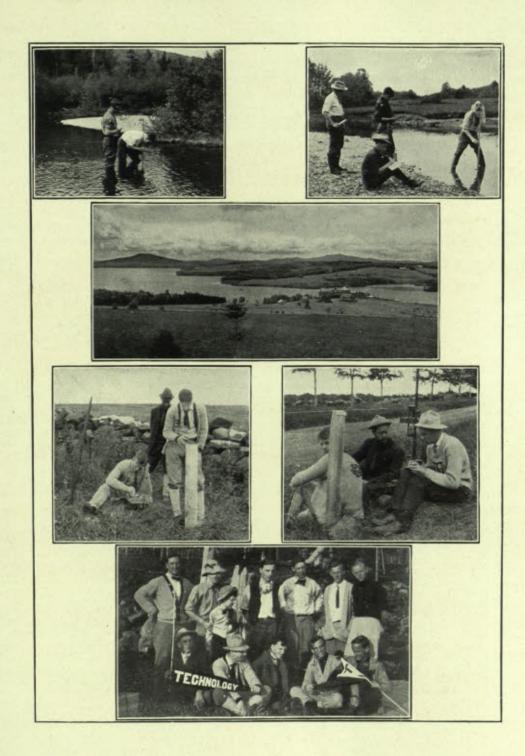














ALUMNI ASSOCIATION

 President
 Albert F. Bemis, 1893

 Vice-Presidents
 5 Frank E. Shepard, 1887

 Secretary-Treasurer
 Walter Humphreys, 1897

Executive Committee

The President, Vice-Presidents, and Secretary-Treasurer
William S. Johnson, 1889
Walter E. Piper, 1894
George W. Swett, 1903

COUNCIL OF THE ALUMNI ASSOCIATION

Officers of the Association

THE PRESIDENT, VICE-PRESIDENTS, SECRETARY-TREASURER, AND EXECUTIVE COMMITTEE

Five latest living ex-Presidents

Walter B. Snow, 1882 Everett Morss, 1885 FRANK L. LOCKE, 1886 SAMUEL J. MIXTER, 1875

FREDERICK H. NEWELL, 1885

Representatives at Large

C. R. Cross, 1870
 C. T. Main, 1876
 G. F. Swain, 1877
 J. P. Tolman, 1868
 A. D. Little, 1885

Col. Charles Hayden, 1890 A. W. Rowe, 1901 E. S. Stevens, 1868 Stoughton Walker, 1887 G. V. Wendell, 1892

Class Representatives

1882, J. P. MUNROE 1868, R. H. RICHARDS 1869, H. A. CARSON 1870, E. K. TURNER 1871, E. W. ROLLINS 1883, H. S. Chase 1884, H. W. Tyler 1885, I. W. LITCHFIELD 1872, M. B. PATCH 1886, A. G. ROBBINS 1873, F. H. WILLIAMS 1887, E. G. THOMAS 1888, A. T. BRADLEE 1889, W. H. KILHAM 1890, W. Z. RIPLEY 1874, G. H. BARRUS 1875, T. HIBBARD 1876, J. R. FREEMAN 1877, R. A. HALE 1891, C. GARRISON 1878, C. M. BAKER 1892, L. METCALF 1879, E. C. MILLER 1893, F. H. FAY 1880, G. H. BARTON 1894, S. C. Prescott 1881, J. DUFF 1895, A. D. FULLER

1896, J. A. ROCKWELL
1897, C. W. BRADLEE
1898, C.-E. A. WINSLOW
1899, H. J. SKINNER
1900, H. E. OSGOOD
1901, R. L. WILLIAMS
1902, C. A. SAWYER, JR.
1903, F. A. OLMSTED
1904, M. L. EMERSON
1905, G. DEW. MARCY
1906, G. F. HOBSON
1907, L. ALLEN
1908, H. T. GERRISH
1909, J. H. CRITCHETT

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Local Societies with Representation on the Council

Technology Club of the Merrimack Valley, George Bowers, 1875
Technology Club of New York, Francis C. Green, 1895
Northwestern Association, M. I. T., I. W. Litchfield, 1885
Pittsburg Technology Association, Warren I. Bickford, 1901
Technology Club of Philadelphia, Percy E. Tillson, 1906
Washington Society of the M. I. T., I. W. Litchfield, 1885
Technology Club of Milwaukee, I. W. Litchfield, 1885.

ALUMNI ASSOCIATIONS

Technology Club of New York City

HAROLD BINNEY, 1888, President

WILLIAM H. KING, 1894, Secretary

Northwestern Alumni Association, M. I. T.

EDWARD M. HAGAR, 1893, President

Ernest Woodyatt, 1897, Secretary

Rocky Mountain Technology Club

FRANK E. SHEPARD, 1887, President

Maurice B. Biscoe, 1893, Secretary

Technology Association of the Connecticut Valley

Hollon C. Spaulding, 1887, President

EDMUND P. MARSH, 1889, Secretary

Technology Club of Philadelphia

James Swan, 1891, President

PERCY E. TILLSON, 1906, Secretary

Pittsburg Association, M. I. T.

LUTHER K. YODER, 1895, President

Waldso Turner, 1905, Secretary

Washington Society of the M. I. T.

Marshall O. Leighton, 1896, President

A. M. Holcombe, 1904, Secretary

M. I. T. Club of Cincinnati

RUDOLPH TIETIG, 1898, President

H. F. Schaefer, 1905, Secretary

Technology Club of the Merrimack Valley

RICHARD A. HALE, 1877, President

John A. Collins, Jr., 1897, Secretary

Technology Club of New Bedford

EDGAR B. HAMMOND, 1874, President

Charles F. Wing, Jr., 1898, Secretary

Technology Club of Hartford

Charles R. Nason, 1890, President

George W. Baker, 1892, Secretary

Technology Club of Minnesota

HARRY W. JONES, 1882, President

JACOB STONE, JR., 1899, Secretary

Technology Club of Northern Ohio

FRANKLIN B. RICHARDS, 1884, President

SIDNEY Y. BALL, 1903, Secretary

Technology Association of Northern California

WILLIAM E. LELAND, 1891, President

HOWARD C. BLAKE, 1906, Secretary

Technology Club of the South

Allison Owen, 1894, President

Frank W. Crosby, 1892, Secretary

M. I. T. Club of Central New York

James P. Barnes, 1905, President

HARRY N. BURHANS, 1907, Secretary

Technology Club of Southern California

WILLIS T. KNOWLTON, 1893, President

HAROLD A. PRIME, 1897, Secretary

Inland Empire Association, M. I. T.

SHIRLEY S. PHILBRICK, 1898, President

PHILIP F. KENNEDY, 1907, Secretary

Technology Club of Central Pennsylvania

FRANK A. ROBBINS, JR., 1902, President

STEPHEN BADLAM, 1900, Secretary

Technology Association of Oregon

A. G. Labbe, 1907, Secretary

Detroit Alumni Association

C. LANG, 1904

H. J. LORD, 1898 W. R. KALES, 1892 G. WHITNEY, 1887

Executive Committee

Technology Club of Puget Sound

FRANK DARNEY, 1875, President

M. W. Greer, 1891, Secretary

M. GORHAM, 1893

Technology Club of Milwaukee

Charles J. McIntosh, 1903, Secretary

Technology Club of Buffalo

HENRY A. BOYD, 1879, Secretary



APRIL 14-19, 1910

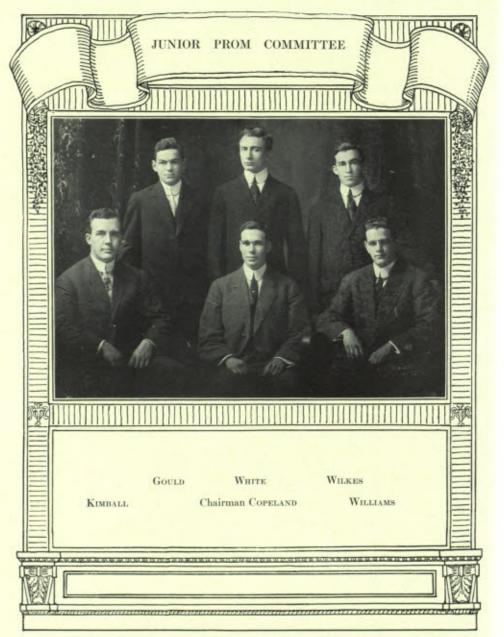
Thursday Afternoon Technique Rush

W. William

Technique Rush
Friday Morning
Baseball, The Tech vs. Technique,
Tech Field
Friday Alternoon
Tech Show, "Queen of the Cannibal Isles," Shubert Theatre
Saturday Evening
Tech Show, Northampton
Monday Alternoon
Tech Show, Shubert Theatre
Monday Evening
Spring Concert and Dance, Copley
Hall
Tuesday Evening

Tuesday Evening Junior Prom, Hotel Somerset







HOTEL SOMERSET

Tuesday Evening, April 19, 1910

Matrons

Mrs. Eben S. Draper Mrs. Curtis Guild, Jr. Mrs. Richard C. Maclaurin Mrs. George Wigglesworth

Patronesses

Mrs. Alfred E. Burton Mrs. Desiré Despradelle Mrs. Davis R. Dewey Mrs. Dugald C. Jackson Mrs. Gaetano Lanza Mrs. Allyne L. Merrill Mrs. Frank H. Rand Mrs. Robert H. Richards Mrs. Charles M. Spofford Mrs. Henry P. Talbot

Junior Prom Committee

STUART BROWN COPELAND, Chairman RICHARD HARTSHORN GOULD SCOTT PRESCOTT KIMBALL PETER DESMOND WHITE GORDON BALL WILKES HOWARD DAVID WILLIAMS





BEFORE THE RUSH

TECHNIQUE is issued each year in Junior Week, and the "Rush" which attends the distribution of the first copies is one of the events of the week. The first five men who succeed in presenting their ticket at the little window where the books are given out receive free copies. The first twenty men receive numbered copies signed by the President of the Institute. In former days the rush was held in Rogers Corridor, but the wear and tear on the surroundings made it necessary to transfer the event to out of doors.

TECHNIQUE RUSH WINNERS

Those who have won the first copy of Technique in the last five years are:—

Technique, 1906
MARDEN WARNER HAYWARD, 1906
VICTOR HUGO PAQUET, 1905

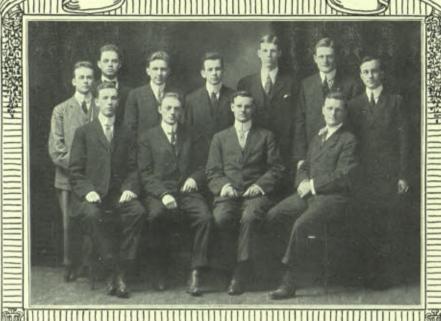
Technique, 1907, John Holland Leavell, 1907, Technique, 1908, Edward Richard Smith, 1908 Technique, 1909, John Hamilton Ruckman, 1910, Technique, 1910, Stewart Ross Robertson, 1912



IN THE THICK OF THE SCRIMMAGE



TECH SHOW BOARD



SCHELL DEY WOEHLING
CONLON LENAERTS THAYER WEEKS
I. W. WILSON K. GREENLEAF Gen. Mgr. CLAPP H. C. DAVIS



TECH SHOW BOARD

Coach Mr. James Francis
General Manager Dudley Clapp, 1910
Business Manager Irving White Wilson, 1911
Assistants John Henry Lenaerts, 1912
Daniel Frederick Coxlon, Jr., 1913
Robert Walcott Weeks, 1913
Stage Manager Kenneth Greenleaf, 1911
Assistants Erwin Haskell Schell, 1912
Geoffrey Rice Thayer, 1913

PREVIOUS TECH SHOWS

- 1899. "Technology Minstrels." No organized management.
- 1900. "The Medicine Man." No organized management.
- 1901. "The Grand Duke." No organized management.
- "Applied Mechanics." Author, Mrs. Janet E. Walker. General Manager, Lawrence H. Underwood, 1903.
- 1903. "A Scientific King." Author, Gerald F. Loughlin, 1903. General Manager, Merton L. Emerson, 1904.
- 1904. "Simon Pure Brass." Author, John A. Fremmer, 1904. General Manager, Preston M. Smith, 1904.
- 1905. "The Chemical Maid." Author, George H. Bryant, 1907. General Manager, Philip E. Hinkley, 1905.
- 1906. "The Freshman." Author, George H. Bryant, 1907. General Manager, Raymond W. Parlin, 1907.
- 1907. "William, Willie, and Bill." Author, Edwin W. James, 1907. General Manager, Alexander Macomber, 1907.
- 1908. "Over the Garden Wall." Author, George C. Westervelt, 1903. General Manager, Frederick A. Dewey, 1909.
- 1909. "That Pill Grimm." Author, Sydney A. Malcom, 1909. General Manager, Garnett A. Joslin, 1909.
- "The Queen of the Cannibal Isles." Authors, Edwin C. Vose, 1911, and Clarence A. Stewart, 1912. General Manager, Dudley Clapp, 1910.

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Twelfth Annual Tech Show

"THE QUEEN OF THE CANNIBAL ISLES"

BY EDWIN C. VOSE, 1911, AND CLARENCE A. STEWART, 1912



EDWIN C. VOSE, 1911

In "The Queen of the Cannibal Isles" the authors have attempted to obtain plenty of atmosphere, together with a fairly continuous plot, enlivened by humorous situations and snappy songs. They have tried to keep in mind that the production was first of all to be a Tech Show, and have developed the characters with that idea foremost. The setting of the pro-



CLARENCE A. STEWART, 1912

duction and the unique traditional traits of cannibals give abundant opportunity to produce a great diversity of characters and many excellent contrasts, which are the features of the piece.

The scene of this year's show is laid, as the title indicates, on the Cannibal Isles, which are situated somewhere in the broad expanse of the Southern Pacific Ocean. The directions for reaching this beautiful and intensely interesting spot are, unfortunately, not for publication, nor can they be found in Cook's directory.

There are three acts, all of which take place on the islands, and which cover a period of two days. The first scene is laid in the Royal Palace gardens, the second is near the shore, and the third is the same as the first.

The plot is hinged upon the endeavors of two of the native officials to obtain their long overdue salaries by marrying off their Queen to the highest bidder. By ingenious means her majesty is forced to marry, with the result that the Royal Adviser is despatched with an offer of matrimony to one of the neighboring potentates.

In the mean time a conspiracy is promulgated which creates zest and excitement. Furthermore, the accidental appearance of a group of American tourists diversifies the scene and adds several humorous complications. An engaging young newspaper correspondent of the party succeeds in winning the Queen's affections; and with an indomitable nerve and Yankee ingenuity disposes of all obstacles with a master hand, even going so far as to palm off a fake Queen on the neighboring monarch, who arrives on the island to accept the Queen's offer of marriage.

In the final act the tourists are rescued by the marines of a United States gun boat; and the play comes to a happy conclusion with the preparations for the departure of the party to the good old U.S.A.

Twelfth Annual Tech Show, 1910

"QUEEN OF THE CANNIBAL ISLES"

By Edwin Crawford Vose, 1911, and Clarence Augustus Stewart, 1912

Lyric Writers

RAYNOR HUNTINGTON ALLEN, 1909 DUDLEY CLAPP, 1910

HENRY ORANGE GLIDDEN, 1913 EDWIN CRAWFORD VOSE, 1911

Music Writers

RAYNOR HUNTINGTON ALLEN, 1909 F. ORVILLE BOARDMAN DENISON, 1911 J. SCOTT B. PUTNAM, 1911

HENRY APPLETON HALE, JR., 1910 JOHN STEPHENS MARTIN, 1912

Principals

Henry Schlick, a millionaire from Pittsburg
Roberta Schlick, his daughter, the heroine
Henrietta Dean, her aunt, a widow
Bluffem Jones, a news correspondent from Boston
Lord Lengthleigh, an English traveller
Lieutenant Jack Gordon, of the U.S. Navy
Liliokazooka, Queen of the Cannibal Isles
Handi Singh, her chief adviser
Sing Singh, his son
Datto Gohr, Captain of the Royal Guard
Katimaori, a would-be Queen of the Cannibal Isles
King Cocc Cola, a neighboring monarch
Bright Eyes, the Royal Chef
Togo, a native official
The Monkey

RALPH NELSON DOBLE, 1912
CHARLES PHILLIPS KERR, 1911
HENRY DONALD KEMP, 1912
WILLIAM MCNAIR SCHOPLELD, 1910
ALLEN RUSSELL ATWATER, 1913
JOHN SOLEY SELPRIDGE, 1912
MUNROE RHODES PEVEAR, 1911
KAIL DICKSON FERNSTROM, 1910
DONALD EARL BENT, 1912
HAROLD EARL BENT, 1912
SYDNEY ARNOLD MALCOM, 1909
HAROLD SNELL BIRCEARD, 1913
LESTER DAME CUSHMAN, 1913
CHARLES AUGUSTUS STEWART, 1913
HAROLD DEXTER BILLINGS, 1910

Cannibal Men

Charles W. Brown, 1913 Habold C. Brown, 1910 George A. Cahill, 1913 Arthur W. Carpenter, 1913 Percy L. Flansburg, 1912

HABOLD L. R. FOX, 1912 WARREN A. GENTNER, 1913 THOMAS S. MANLEY, 1913 CYRUS F. SPRINGALL, 1912 HENRY F. DOLLIVER, 1911

Royal Guards

SAMUEL BRECK, JR., 1913 WILLIAM C. BIRD, 1912 JOHN F. COLE, 1910 RALPH H. DOANE, 1913

CHESTER D. DUNLAP, 1910 GURDON I. EDGERTON, 1912 ELLIOT H. GAGE, 1913 PHILIP T. REDFERN, 1912

Cannibal Women

Francis H. Achard, 1913
James B. Chadwick, 1913
Frank L. Cobb, 1911
Randall Cremer, 1912
Arnold C. Dayies, 1910
James H. Ellis, 1912
Charles G. Fallon, 1913
Howard P. Fessenden, 1913
Harold H. Griffen, 1912
John M. Harogaves, 1912
Edwin C. Holbrook, 1912

WILLIAM D. KATZENBERGER, 1913 RODNEY M. LOWE, 1912 FRED D. MENDENHALL, 1912 WALTER S. MOORE, 1912 ROBERT T. PORTAL, 1913 PHILIP SCHMITT, JR., 1913 TRACY V. SCUDDER, 1913 RALPH F. SYMONDS, 1912 NATHANIEL S. SPELLY, 1910 NATHANIEL S. SEELEY, 1910 PERCY G. WHITMAN, 1913 RAYMOND E. WILSON, 1912

JULIUS L. HOWLAND, 1912

Show Girls

ALTON M. COOK, 1910 EDMUND G. BROWN, 1912 JOSEPH C. FULLER, 1911 MARCUS A. GROSSMANN, 1911

HALSEY B. HOBNER, 1913 EDWIN K. JENCKES, 1910 JAMES G. RUSSELL, 1913 JOSEPH I. TAYLOB, 1912

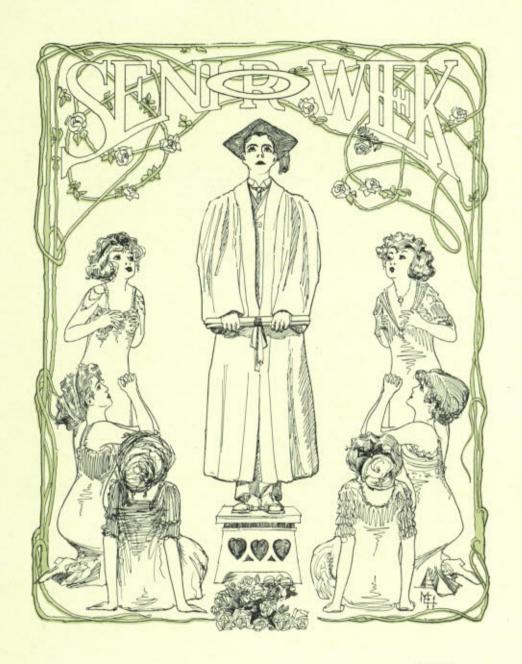
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CHORUS "QUEEN OF THE CANNIBAL ISLES"



PRINCIPALS "QUEEN OF THE CANNIBAL ISLES"



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Class of 1909

Thursday, June 3

CLASS DINNER

American House, 6.30 P.M.

Saturday, June 5

CONCERT TO SENIOR CLASS BY THE MUSICAL CLUBS

New Century Building, 8 P.M.

SENIOR DANCE

New Century Building, 9.30 P.M.

Sunday, June 6

BACCALAUREATE SERMON BY BISHOP LAWRENCE

Trinity Church, 4 P.M.

Monday, June 7

CLASS DAY EXERCISES

Huntington Hall, 2.30 P.M.

CLASS SPREAD

On the Lawn, 4.30 P.M.

Tuesday, June 8

COMMENCEMENT EXERCISES

Huntington Hall, 2.30 P.M.

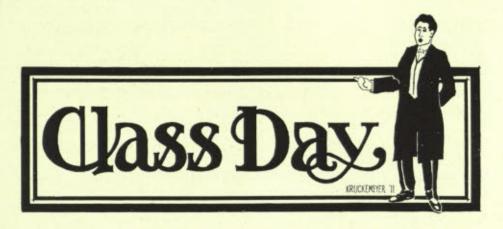
PRESIDENT'S RECEPTION

General Library, 4.30 P.M.

"TECH NIGHT" AT THE "POPS"

Symphony Hall, 8 P.M.

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Class Day Program

PRESIDENT'S ADDRESS

JAMES HAMILTON CRITCHETT

PRESENTATION ORATION
JAMES IRVING FINNIE

First Marshal's Address
MAURICE ROOS SCHARFF

CLASS STATISTICS AND ORATION GARNETT ALFRED JOSLIN

CLASS PROPHECY RAYNOR HUNTINGTON ALLEN PRESENTATION OF CLASS GIFT CARL WILLIAM GRAM

Class Day Officers

JAMES HAMILTON CRITCHETT President
MAURICE ROOS SCHARFF First Marshal
CARL WILLIAM GRAM Second Marshal
HARRY EMERSON WHITAKER Third Marshal

Class Day Committee

RAYNOR HUNTINGTON ALLEN
RICHARD SAMUEL AYRES
FELIX ARNOLD BURTON
JOHN JACOB ELBERT
RIDSDALE ELLIS
WILLIAM CRAIG FERGUSON
MONTAGUE FLAGG
CARL WILLIAM GRAM
CHARLES NELSON HARRUB
CARLETON HUBBARD
ROBERT INGLEE
GARNETT ALFRED JOSLIN

WILLIAM JAMES KELLY
FRANK JOHN LANGE
LYNN ALBERT LOOMIS
STEPHEN NORMAN McCAIN
REGINALD WILLIAM MILLARD
JOHN WINSLOW NICKERSON
LEWIS DEXTER NISBET
CHESTER HENRY POPE
MAURICE ROOS SCHARFF
ARTHUR LASSELL SHAW
MELVILLE KAISER WEILL
HARRY EMERSON WHITAKER

PHILIP ENDICOTT YOUNG

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PRESIDENT MACLAURIN made his first official appearance as the head of the Institute when, on June 8, he conferred degrees upon 251 students, of which number 232 were members of the senior class, and received degrees of Bachelor of Science, and nine-teen were members of the fifth-year class, and received the degree of Master of Science.

The following representative theses were read:

Course 1. Civil Engineering. "An Investigation of the Efficiency and Character of Failure for Different Methods of Anchoring Reinforced Bars in Concrete."

B. Y. BURGHER

Course 2. Mechanical Engineering. "An Investigation of the Effect of Spray Nozzles for Cooling Water."

A. E. Hartwell

A. E.

Course 3. Mining Engineering. "A Report of the Milan Mine."

HARRY WEBB

Course 4. Architecture. "Design in the Gothic Style for a University Library." A. F. Menke

Course 5. Chemistry. "An Investigation of the Defects in Single Enamel Coatings on Sheet Steel."

J. A. Christie

Course 6. Electrical Engineering. "A Study of the Relative Advantages and Disadvantages of the Alternating and Direct Current Systems for a Fortification Plant for the Artillery District of the Chesapeake, Fort Monroe, Va."

Captain C. C. Carter, U.S.A.

Course 7. Biology. "A Study of the Massachusetts Statistics of Poisoning by Illuminating Gas." F. Schneider, Jr.

Course 8. Physics. "The Magnetic Properties of Saturated Iron."

G. E. Washburn

Course 10. Chemical Engineering. "Determination of the Hydrocarbons Obtained in the Distillation of Wool Grease." L. R. FORREST

Course 11. Sanitary Engineering. "Design and Construction of the Massachusetts Institute of Technology Experimental Sewage Filtration Station at Calf Pasture, Dorchester, Mass." M. R. Scharff

Course 13. Naval Architecture. "An Investigation of the Application of Taylor's Formula to Turbine-Driven Propellers." X. R. SMITH

Course 14. Electro-chemistry. "On the Separation of Oil from Condenser Water by Electrolysis."

RIDSDALE ELLIS





RIGHT IN HIS ELEMENT

SELIGMAN and Merrill, having become engaged in a heated discussion during a meeting of the *Technique* board, continue with unabated effort, until Don Stevens in desperation shouts, "Order, gentlemen, order."

Without ado (in fact, showing signs of unusual readiness) Seligman retorts, "Two beers, please."

THE EASIEST WAY

(WITH APOLOGIES TO EUGENE WOLTER)

Scene: Room 8C during a Theoretical Chemistry class

IN the foreground is Dr. Sherill, explaining a rather difficult problem by means of blackboard sketches. His back is toward the large class, and he is absorbed in the problem.

A full-fledged "skirt" passes the uncurtained windows slowly, the while reading a late edition of the Boston American.

(Slow music.)

Our hero, Richard Frederic Goodwin, emits a low whistling sound during the passage of the "skirt."

Dr. Sherill (suddenly becoming aware of the vibratory whistle, and naturally enough inferring that said whistle was an expression of dismay at the seemingly complex problem) turns to the class and, smiling (yet unwittingly), remarks: "That's not as hard as it looks. On the contrary, it is pretty easy. How would you go at that, Mr. Goodwin?"

Quick curtain.

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BIRCHARD, 1913, was cautiously handling a hot crucible, which he was about to place on the window-sill.

Mr. Phelan—"Hey, where you going with that thing?"

Birchard, 1913—"Going to put it outside to cool, sir."

Mr. Phelan—"Do you want to crack it? Don't you know that that thing is hotter than the hinges of hell?"



PROF. DEWEY (in Poly Con.)—"Similarly, the Haymarket is a place for the sale of hay!"

New York papers please copy.



"Strike Tuh!"

Pa Allen on a new job

SOLID IVORY

INSTRUCTOR (approving Gershberg's drawing of nuts and bolts)—"Ah, I see the trouble. I thought your head seemed thick."

OH, YOU ARCH!

YOUNG LADY—"What course are you taking at Tech, Mr. Eicher?"

ARCH (very archly) — "I'm taking sanitary engineering."

Young Lady "What is that like?"

Arch (still more archly)—"Well, you know that's plumbing with a college education."



ANOTHER COURSE III ROUGH-NECK

ARLO—"Here is your theme, Mr. Perry."
"FAT" PERRY (one of the R. N.'s)—
"Thanks."

Arlo—"That, Mr. Perry, is what is said to servants."

"FAT"-"Well?"

PROF. MOORE—"It takes a genius to make money by making a fool of himself."

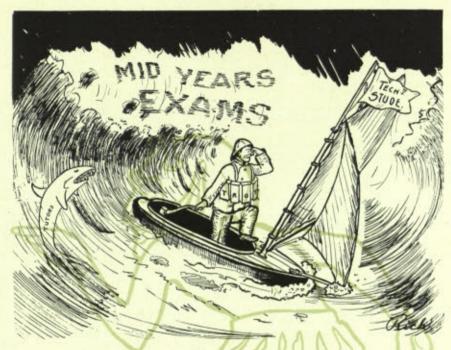
WHAT FREDDY ATE

REDERICK BAKER, 1912, of Lynn, believed himself entitled to a blow-out after the final exams, last June, and had dinner with a "Bunch" at the Thorndike.

Everything ran off smoothly to the end, finger-bowls were brought, and a taxi called. Beside the finger-bowls lay a small envelope, which, when opened, was found to contain two lozenges. In the hurry to get to the theatre, no one paid any attention to them, but Freddy, on his way to the taxi, thrust them into his mouth. Two minutes and six seconds later he was leaning out of the window, sputtering and frothing at the mouth as though he had gone mad.

Upon investigation we found the cause,—an envelope as follows:—





HEAVY GOING

B is for BIGELOW, U.S. Army retired.

The son-of-a-gun,

He will have his fun

Telling the studes how he almost expired.

THE following is a mingled bit of pathos and humor over which Dr. Comstock nearly fell headlong upon finding it in a final exam:—

QUESTION—"Define unit quantity of electricity."

Answer—"Unit quantity is that quantity which is required in resisting a gram mass charged to full capacity in moving from infinity to the given field."

PETE WILL BE GROWING HORNS SOON

PROF. MILLER (speaking of peat as a boiler fuel)—"Peat, as a rule, contains a large percentage of moisture."

The class laughed, and our friend Peter Desmond was the goat again.

WE FOUND IT ZEKE! ANY REWARD?



LOST.—A notebook containing a valuable photograph. Please return to H. D. W. '11.

Fat Tas Cob

PROF. BREED (in Highways)—"By macadamizing this road, you can make the tractive resistance less for anything from a steam roller to a perambulator."

DR. PENDER (in the opening lecture of the term in "Triple E.")—
"Should you say, Mr. Barker, that the knowledge of mathematics is absolutely essential to the electrical engineer in his professional work?"

Barker, after scratching his head as if in a pensive mood, replies,— "Well, I couldn't really say from experience whether it is or not." C is for Charlie, that jolly old saint.

A little more hair,
On that spot cold and bare,
Would make his chin whiskers a little
less quaint!



"WE ER MINE SOME TIME STILL LEFT"

RIGHT THERE WITH THE REPARTEE

BLACKIE—"Now haf you all received your marks? Yes?"
EXTRA FRESH "FRESHIE"—"No, I only got half of mine."
BLACKIE—"What, did you then expect a double one?"

AT THE FACULTY RECEPTION

NEW PROFESSOR (indicating Professor Lanza)—"Who is that old gentleman standing alone over there?"

OLDER PROFESSOR (facetiously)-"Why, that's Mr. Getty."

New Professor—"Well, I'll go and introduce him to some one. He looks lonely."

The new professor made himself known to Professor Lanza and escorted him to Mrs. Lanza.

New Professor-"Mrs. Lanza, allow me to introduce Mr. Getty."

Mrs. Lanza and Professor Lanza (calmly and in unison)—"Yes, we have met before."

WHERE IGNORANCE IS BLISS, ETC.

A CROWD was gathered around the piano at one of Mrs. Maclaurin's very enjoyable "at homes," singing "Take me Back to Tech."

After singing the chorus, Dalrymple, 1912, innocently asked, "What does that line about 'chapel and all that' mean? Did Tech used to have a chapel in the old days?"

DR. COMSTOCK—
"Since Professor Rowland's death, no one has been
able to build an engine which
would rule diffraction gratings successfully."

"Pete" White, the irrepressible—"Faith, when Professor Rowland died, didn't he leave his engine behind?"



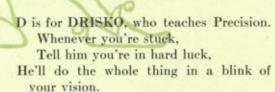
OUR beloved Dr. Noyes caught in negligée with Mr. Bray, of the Research Lab., and Professor Tozzer, of Harvard. (Tickle their toes and see them grin.)

PROF. DOTEN (as the class continues to read *The Tech* in spite of the fact that he has begun to lecture)—"Gentlemen, I think that the subject on which I am speaking has not yet been published in *The Tech*."

HONI SOIT

PROF. MILLER (on Steam Heating)— "Oftentimes you can make people feel better with a little greater pressure!"

G. P. LUNT (the pride of Course X.)—
"I am anxious to choose for my thesis a subject about which I know nothing, and I'm
having an awful time finding a subject."





The Musical Clubs on a Tour.

BLACHIE (to man at the door)—"You want to take French here?"

FRESHMAN (retreating hastily)—"No, sir."

BLACHIE—"Huh, he may have to."

F is for FAXON, the bold little lad,
This heart-breaking man
Has the whole Cleofan
At his feet and all fighting each other like mad.

OH, YOU RAHLROADS!

"PA" ALLEN had to lead his crowd through underbrush and swamps until they were footsore and weary and nearly famished for want of food and drink (accent on the "drink").

Suddenly spying a cow in the distance, "Fat" Merrill stumped "Ban" Hill to milk the cow.

Turning on his heel, Hill replied, "You d—d fool, cows don't generate beer."





Where does Prexy come in?

MR. LIPKE (reading a problem from W. and B. Math.)—"'A beam loaded at one end and weighted at the other'! I'm afraid that beam must have been down at the Dreyfus last night."

PETE'S VALENTINE

Extract from the Boston Daily Howl of Feb. 16, 1923

CONSIDERABLE amusement was caused the other night at the banquet of the United Irish Politicians when the following story was told at the expense of the guest of the evening, the Honorable Peter D. White, of New York.

It seems that when Mr. White was a student at the Massachusetts Institute of Technology many years ago, Dr. Dewey, the instructor in Political Economy, asked why men received higher wages than women. To this a student replied that a man had a wife and family to support.

"Then the larger family a man has, the more wages he gets?" asked Dr. Dewey.

"Faith, and, if that's the case," remarked Pete, as he was called by his fellow-students, "I'll be after marrying a widow with six children!"

It is well known that Mr. White is possessed of a large and healthy family, so the story caused no little amount of mirth.

Somewhat in the nature of a sequel to this story comes the discovery of our enterprising private detective. While investigating the cause of Mr. White's sudden departure for New York after the banquet, he came across the following telegram in a Newbury Street paper barrel:—

THE WESTERN UNION TELEGRAPH COMPANY.

24,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

The same type of the provided five and the same specific continuing its limitary, which have been assessed to by the scale of the following message. Therefore, the provided five specific approved by requesting a inscappe had a till see level ing state for comparison, and do Company within about itself labels for resource displayed the same state of the representations of delivery of the provided five against beginning to the same state of the company of the provided five against the company of the provided five against the same state of the company of the provided five against the company of the provided five against the same state of the company of the provided in writing within skirly are after the company of the provided in writing within skirly are after the company of the provided in the company of the provided in writing within skirly are after the company of the provided in the company of the provided in the skirly of the provided in the skirly

RECEIVED at

Trinity Place, Boston.

Feb. 14, 6.30 A. M.

New York, Feb. 14, 4 A. M

Mr. P. D. White, #258 Newbury Street, Boston, Mass.

Twins you must come home at once.

Nora.

MONEY TRANSFERRED BY TELEGRAPH.

CABLE OFFICE.

Evidently, Mr. White is not planning to go into penury just yet!

The following notice appeared on the Pierce Engine Lab bulletin board. Sounds like Professor Riley.

NOTICE

RULES FOR THE BOILER AND ENGINE ROOM

- 1. When you enter the engine room, spit on the floor. We have water, lye, soap, mops, and brushes, and we will clean up as soon as you leave.
- 2. Rub your hand on the engine bright work. It will give some one work and use up the surplus polish.
- 3. Put your hand on the polished work. You will then know if it is smooth, hot, or cold. Tell others to do the same.
- 4. Stay in the engine room as long as you please. The engineer has nothing to do but entertain visitors.
- 5. Be sure and tell the engineer if his engine is pounding or not running right, as he will not know it unless you do. He will stop and make repairs while you wait.
- 6. Don't tell the engineer who you are. He is a mind reader, and always knows you. Go anywhere you like in the engine room, and you will please him.
- 7. Advise him what to do, as you know best. The engineer is only there every day, and does not have any chance to see as much as you will in an hour.



Is it really Riley?

- 8. If the engineer is busy making repairs, tell him a good story you heard the other day, and, if possible, get in his way.
 - 9. Be sure and tell him all you know. It won't take long.
 - 10. Call again and repeat as above.
 - 11. Clean your feet before going out.

Dudley Clapp, Hartford street, Dozchester, a special student in the department of civil engineering, Massachusetts Institute of Technology, has been appointed a collector of class dues in the senior class. Clapp has served his class many times on minor committees, but beside that he has left behind him an enviable record in student activities. On The Tech, the student paper, he has been successively a news staff man, an associate editor, society editor, and managing editor-the second highest position at tainable. On the Tech show he has held the positions of assistant advertising manager, advertising manager, until he is now general manager of one of the biggest and best college shows in the country, handling over \$10,000 every year. The institute men are fond of telling the story of Clapp's visit to Mt. Holyoke college las April where he called the president of the senior class, an entire stranger, out of a class room in order to make ar; rangements to sell the girls tickets to the show performance at North-

Clapp is also a member of the institute committee, the student governing body and vice-president of the chemical society. He is a gradulte of the Dorchester high school, where he was one of the editors of The Item.

ampton.

The W. J. O'Hearn Company in "A Romance of Killarney" begins a season of sixteen weeks on the Sullivan & Considine time, opening at Winnipeg, March 28. Here is a number that will play to excellent results on this Western time.

EATS 30 EGGS IN 22 MINUTES

Tech Student, on Wager with Classmate, Devours 21/2 Dozen Scrambled at Better Than One a Minute Rate.

Thirty eggs in 12 minutes. Thirty golden scrambled eggs eagerly devoured in 23 minutes by the stop watch was the record set up in the Technology Union last night by George Churchin Kenney of Brookline, who was eating on a bet with &

All lovers of music should hear the world's greatest alyophone player, John Martin, who will render many popular musical selections on various novelty instruments.

Roy Chandler, of Boston Tech., in company with several friends, has started keeping bachelor's hall.

Richard Scanlon, of Boston Tech., has joined the musical club there

TWO YEARS FOR PIE STEALER

Wilson Broke Into House and Was Caught with the Goods.

16. C. Davis handed in his resignation as negative of the board of education, to take ef-terior at once. The board last night appointed Thomas Hall to fill the unexplied forces.

INTHE PUBLIC

Leelle Gordon Ginzier, 1911, a juntor at Technology, can boast of an achieverment which few people have ever attained, that of travelling from Winchester to Beachmont without the encumbrance of a pair of "panta."

Glazier and two companions had paddled, a cano from Bacchmont to the Winchester Boat Club, and as they were going through Shirter Gut with a head tide it was deemed expedient to wear bathing suits and the up the rest of the dottes in a rubber blanket. When the time came for the trip bomewind, they only the man found to his diamay that owing to accident or design on the part of the companions his trousers were part of his companions his trousers were

The trio managed to make the trip

Another Portland boy has specceded in making a name for himself in Eastern college circles. This time it is John L. McAllen, son of Dan McAllen, of the firm McAllen & McDonell, Young McAllen was chosen in a spirited contest by the students of the Boston Institute of Technology to serve as a member of the committee which will select the editors of the Institute's year book, an Important publication. Mr. and Mrs. McAllen are receiving the con-gratulations of their many friends on their son's success,

HE WAS THE ONLY MAN

Dudley Clapp Treated at Wellesley Infirmary.

His Accident at the los Carnival Quite a College Event.

WELLESLICY, Jan 13-For the first lieue since an infirmary was opened for the Weileniey college students in Simples, ooksage on the campus a min was been on the college students in Simples, which was bridley Clarp, who also has the term of the senior class of Massachustis institute of Technology.

Me Clapp van a guest of Weileniey, Me Clapp van a guest of Weileniey, Me Clapp van a guest of Weilenie and Company of the college grounds, last recting the was trying to fepaly and the college grounds, last recting the was trying to fepaly and the college grounds, last recting the was trying to fepaly and the college grounds, last recting the was trying to fepaly and the college grounds. The college grounds are considered to the college grounds and the college grounds and the college grounds. The college grounds are infirmed to the college grounds and the college grounds and the college grounds.

CHOSEN CHAIRMAN OF THE "PROM" COMMITTEE

Repectal to The Heraid-Republican.)
Boston. Dec. 14.—8cott P. Kimball of Salt Lake is to be the social leader at the Mossacheautis institute of Technology. The day he was chosen chultraan of the Prom committee, the some of social distinction at the institution. The committee has charge of the social functions during the winter, and most of the week will fell upon Kimbals, abo is well trated for institution, according to his fellow situation.

ARCHIE EICHER LANDS A WINNER AT M.

Greensburg Boy Gets Prize in the Annual Scramble for Junior Year Book.

Special Despatch to The Star. Boston, Mass., April 19.-Archibuld Eicher, of Greensburg, Pa., a 1912 mass at Boston's exclusive Massachusetts Institute of Technology, was badly bruised and had his new clothes torn in the annual scramble for coveted copies of technique, the senior year book. The fight lasted fifteen minutes and Eicher was bue of a dozen husky students to land a book

GOULD SAYS HE IS NOT GENUINE

Should was larget on evaluate a store to the date of the wedge of his angel feature, the designate of the soul Mrs. Manufer Residence, to Mr Wales Hamphore, main man exhibited wife flow is broady and possible control of the soul for the so

SPEAKS 12 HOURS, WITH ONLY 25 MINUTES' REST

Took Food Once—Audience of Two at Start Got Just as Earnest Attention as 800 Did Later.

MAINE WOODS

AND MAINE SPORTSMAN.
PHILLIPS. MAINE.

Thursday, June 10, 1909,

Col. H. H. Calching of Landon, Ky., is making als first visit to this section of the country and is delighted. Be likewed well the has decided to send his family herb for the source was.

PERRY IS IN TERROR OF DEATH CHAIR



ing to come a reasonable length of time get well. I have no otherms, or contracts heave or reasonable that the words. My cases use me decipation is words. If not suited they to those, The work is put on to som morth. It is called a squaredeal plies. The fees don't forget is 50 cents, paid cash, medicine included. Bitch or poor, all are wellcome. I am all your services.

DR. BLANCHARD

Denies C!

once again the Doves have , uck their batting gail.

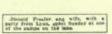
Croack and Johnstone were way off-

CROSS FALLS DOWN HARD





"Myll, then's Cheles Adams," measured inmotive thoughtedly, site a long pains.
"Charles Adams!" meeting the girl. He is sidbe its sight, he is mean, he is a sensed. Charles Adams! Why, he has nothing in the world to recomend him energy his widols.
"You fourth his boats demand." had the mother, early—"fixed. A DESPUL THERAT.



DEWEY DELIVERS 12-HOUR SPEECH TO AN INTERESTED COMMON CROWD

Only Desists for 25 Minutes for Breakfast and Five for Interruption.

OFFERS SELF TO CLEAN STATE HOUSE

Denies Frock Coat Places Him in Plutocrat Class; Compares Massachusetts to Declining Roman Empire.



KALAMAZOO BOY IS HIGH HONOR WINNER

IRWIN SCHELL IN CONTEST AT TECHNOLOGY INSTITUTE WINS PLACE.

"Truin Scheil, a Kalamazzo man, ma named in vote for man, popular kudent at Massochusetta haritute of rethnilegy. Boston is a few mits away from Kalamazzo. Bost newerbejna, not so

Domon, is a few miles away from Kalamanon, do nevertheless, not so har that one boy cannot being our har fast one boy cannot being our har fast one boy cannot being our har been for the fast of the said Mrs. J. D. School, down out forgat on the said Mrs. J. D. School, down out forgat on the said to the faster by being a student and a good retires among the configuration. The stown telegram was called the said of the said o

Two prominent officers of the South fire department has alght became members of Boston Stationary Engineers

SCHAFFER MAY WEAR IRON BALL

DETROIT, Mich. June 5-German, Schaelers are has been giving his lone of trouble this season. A for



STUDENT (to fair young clerk in Mac's)—"I want a meter rule, please."

F. Y. C. IN MAC's-"How long a rule, one foot?"

MIKE" SHOHAN, 1911—"It is impossible to do this problem, Mr. Hudson—I couldn't do it!"

THE theory of the conservation of matter received a knock-out blow from Calvin Powell Eldred (the man with the 1911 moustache), when the afore-mentioned gentleman said in a Thermo recitation: "To determine the internal energy of a gas, take one pound and let it expand to two pounds."

SEVERAL of the "star" juniors in Course VI had become confused trying to answer a rather difficult question asked by Dr. Pender. After trying several men, Dr. Pender remarked: "Well, let's see if we can't get this thing straightened out. Mr. Blade, what do you think about it?"

Blade, 1911 (without much ado)—"What do you want to know?"



GETTY AND PEEBO In the good old days!

MR. HALL (speaking of informal chem. exams.)—"In the case of Course XIV men, the term marks will be based entirely on the results of these infernal exams."

STRONGFELLOW'S SHAM OF LIFE

BY MAURICE O'NEILL, THE JANITOR OF THE TECH UNION

Tell me not, in mournful numbers, Life is one long piercing scream, Or the student's dead that slumbers Working problems in his dream.

Life is real, life is earnest,
And the dump is not its doom.
Dust thou art, to dust returnest,
Was not spoken of the broom.

In the world's broad field of battle,
In the bloom and prime of life,
Don't wait till your false teeth rattle,
Pass exams and take a wife.

Trust no future, howe'er pleasant, Bear in mind what Charlie said. Let him have a Christmas present, Or he'll soak you on the head.

Lives of janitors remind us

We can smoke and spit some more,
And, departing, leave behind us
Old cigar butts on the floor.

Let us, then, be up and doing,
With a heart for any fate,
Smoking cigarettes and chewing
In Tech Union up-to-date.

"PETE" WHITE (in Applied Mechanics)—"Can we have compression at one end without contention at the other?"

Billyken

(WITH APOLOGIES TO CRAFTSMAN'S GUILD)

The-God-of-Things-as-They-Ought-to-Be.

Tickle His Toes and see Him Smile.



A Sure Cure for

The Blues

That Solemn Feeling

The Grouch

The Hoodoo Germ

Hard-Luck Melancholia

The Down-and-Out Bacillus

I am the God of Luckiness, Observe my twinkling eye. Success is sure to follow those Who keep me closely by: I make men fat and healthy
Who were quarrelsome and thin;
I am the God of Luckiness,
My name is Billyken.

This is Billyken, the God of Luck, the funniest little heathen that man ever idolized. He sits on his throne and grins at you all day long. The more you look at him the more you laugh. You can't have a grouch, can't keep the blues, can't mope, or sulk, or gnash about, with such an imp before you.

DID THIS EVER HAPPEN TO YOU?

THE Freshman wore a face of great linear dimension. "What's the matter?" asked a Feeling Friend.

"Curses," replied The Freshman, heaving a heavy sigh (and blowing his nose on the side), "a friend of mine called me up yesterday from Northampton, and we talked for two hours."

"Well, didn't you want to talk to her?"

"Of course I did. But confound it—she had the charge reversed. Good joke, ain't it?—I'm laughing now, haw, haw."

And The Freshman strode wrathfully away to the accompaniment of audible smiles on the part of the Feeling Friend.

> Мазяаснизетта вититите от Теснновому,

> > If not good enough for Technique, please hand it to Tech editor.

> > > And after that?

TO MISS BELDEN

'Twas at the Intercollegiates,
With the Union full of men,
When "Cherub" Belden did appear
To do his stunts, and then—

A miler from old Amherst, Outside his seventh beer, Said, "How in hottest Hades Did they get her in here?"



The Eternal Question

ONE ON FRANK KANALY

WIFE (to husband, at Colonial Theatre on Tech night)—"What did that cheer leader just say?" Husband—"He said, 'Nine 'rahs, with three canarys on the end."

"BILL" SALISBURY—"Hey, what do you know?
Don's got a wooden shirt on."

"Don" Stevens—"What's the matter with that? Don't you ever wear one, Bill?"

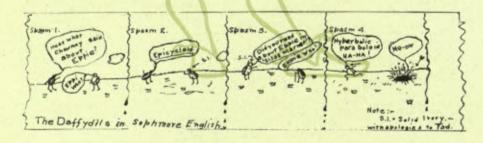
"Bill" Salisbury—"No, except the day after a dance if I didn't sweat too much."

COMMENTING on his frequent visits to the Far West, Spinoza was heard to remark: "I've been to Chi-car-goo, Zinzinnattee, St. Louiss, and Montana—dat's a hell of a place. I vouldn't die dere."

THE registrar, speaking at the 1913 dinner on October 2, 1909, cited the following remarkable incident as the "gospel truth":—

"I have heard of anxious parents making application for their children at exclusive schools immediately upon the birth of the child, but we have a most remarkable case here at the Institute this year, as one man, according to his registration material, was born Nov. 14, 1909."

(Editor's note. If you don't believe him, ask him.)





The Glee Club at the Intercollegiates

SENIOR (with a "breff")—"Where are these engines most used?"
ENGINEER (in Pierce Engine Lab.)—"Never in 'saloons.'"

meeting of april 23rd

(recey tried to locate green ticleto,
philolod moved dinner at my!

American House be heldy the 25rd

Ineddon moved Seelers he

committee of one to make
anarogements (carried)

Hield moved crown movet
at adams house barr at

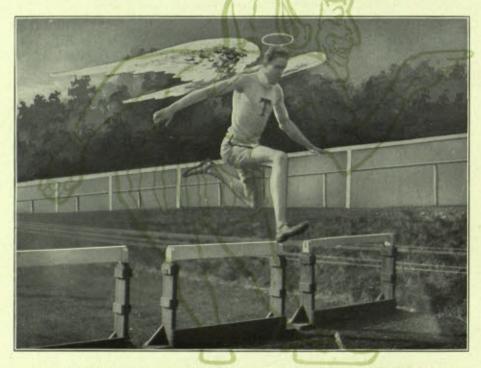
7.95, last man to set updrinks
provided be comes after 7.30
[carried]

Creany moved from help her morphise
Hild moved 3 books instead



No, Mary, this is not the sign of the Black Hand Society. It is simply "Frankie" Laws showing a few Juniors and a lot of Seniors some lantern slides in E. M. I.

PEACE ON EARTH, GOOD WILL TO MEN!



"Here, ladies and gentlemen, we have an excellent picture of the only specimen now in captivity of that very rare bird the Raynorisis Allensus, familiarly known as the Pink-Faced Whing Whang. This bird is a very high flyer (note the height), and can be captured only with great difficulty. Turn the crank, Jim."

OH, YOU VILLAINS!

THE following lyric (?), purporting by its inventor to be capable of musical accompaniment and worthy of a Tech Show score, reveals another (??) unknown genius in our midst.

WE'RE THE VILLAINS

We're the villains, don't it make you creep?
We've got lots of secrets that we've got to keep,
So, if any one should ever, ever peep,
We'll surely put them right to sleep,
And over their graves we'll never, never weep,
'Cause we're villains, real, ugly, big, black sheep.

We're the villains and have often used a rope On people 'most as mighty as the Pope, And of course we know we'll never have to mope In a prison cold and without hope, And daily have to use such things as soap, 'Cause we're villains and with everything can cope.

We're the villains, aren't you awfully afraid?
In blood we've often had to wade
When due respect it wasn't to us paid.
We're the awfullest folks that ever was made,
You'd better keep away back, clear in the shade,
'Cause we're villains, and never, never have prayed.

Chorus.

'Cause we're villains, can't you see? Yes, us, just us, we three, Chef, Sing Sing, and Katy G., But we've never been to M. I. T. 'Cause we're 'fraid of the facultee, Yes, even us, we villains three, Would come under some decree And never so much as see a degree.



The Rochester Newspapers Sneak One Over on the M. I. T. Basket Ball Team

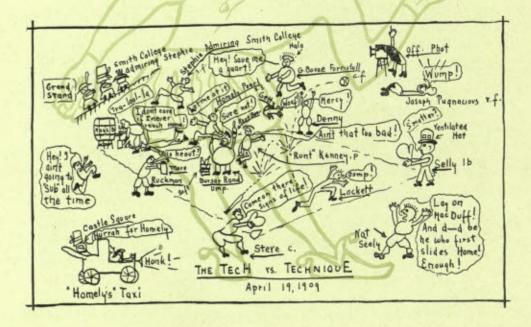
HEARD IN HEAT LECTURE

PROF. NORTON—"This apparatus here has the previous one constructed by Newton"—

Voice from rear—"Skun a mile!"

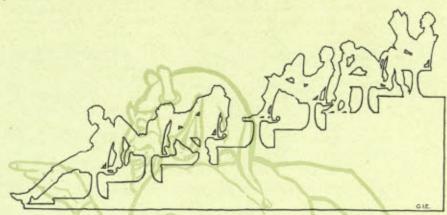
Prof. Norton (calmly continuing)—"Beaten by a very considerable distance."

H is for HEINIE, the jolly old clam.
It's durn hard to keep
From going to sleep
When you know good old Heinie don't
care half a cent.



A NDERSON, 1911 (anticipating a final exam.)—"What is an anomalous spectrum?"

Dr. Kalmus—"You'd never be asked to define it, but they might ask you what it was."



AN ABSORBING MOMENT IN 201 YEAR PHYSICS.

A RLO BATES (in second-year English)—"Mr. Hildebrand, what is the reference to Smithfield?"

HILDEBRAND, ex-1911 (just waking up)—"Why, he's the man that set the Boston fire."

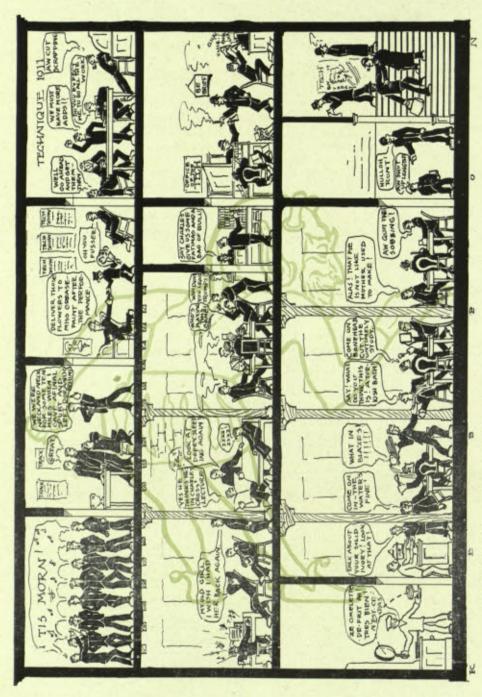
GOING THEM ONE BETTER

WILLIAMSON, 1910—"Gosh! all we had to eat one day was a wet sandwich and a hard-boiled egg."

TRUETTE, 1910—"Yes, and another time all we had was some sardines canned in frozen machine oil."

Seligman, 1911—"That's nothing. One day we were becalmed off Shirley Point, and had nothing to eat for breakfast, warmed it over for dinner, and made a stew out of what was left for supper."

PROF. WILSON (to Math. class)—"You can do ten or twelve of these problems in an hour—if you forget the method in the book!"



SECTION TAKEN THROUGH THE UNION



That Bunch of Loafers up in Course IV.

WHEN KENNEY RESIGNED FROM THE TECH

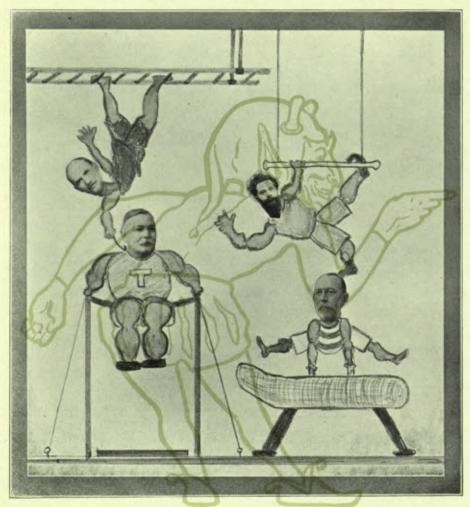
BOSTON, MASS., Feb. 16, 1909.

Editor-in-chief, members of the Board of Editors of The Tech, and all those who may, for any reason whatsoever, be present at the meeting of the aforesaid body, greetings:—

In consideration of the fact that I, George C. Kenney, ex-1911, and formerly a member of the associate editors' staff of the above-mentioned publication known to the civilized world, and part of the uncivilized, indeed even to the most remote and farthest limits of heathen China and Mesopotamia, as the official organ of the student body and faculty of the Massachusetts Institute of Technology, located in the quiet town of Bean-town-on-the-Chawles, and under the appellation of "The Tech,"—as I said before, or at least meant to have said, I am not at present a student at the aforesaid Institute, and so hereby express my desire that at the next meeting of the aforesaid Board my name may be withdrawn from the list of associate editors, and hereby hand in my resignation.

(Signed) GEORGE C. KENNEY.

SEVERAL OF OUR BELOVED PROFESSORS TAKE A HALF-HOLIDAY TO



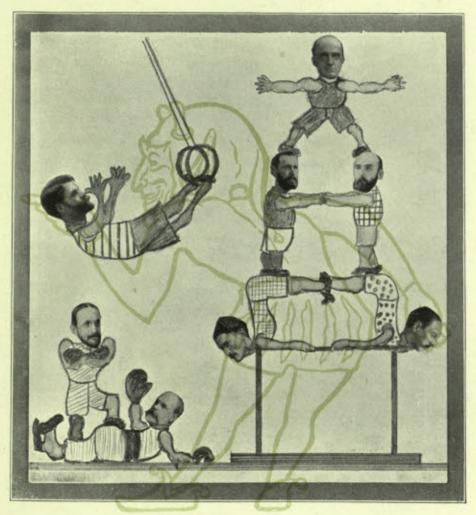
DUGALD C.

Томму Р.

DEPPY

GETTY

RECUPERATE SHATTERED CONSTITUTIONS WITH HEALTH-GIVING EXERCISE



St. Drisko Passano Peebo

PETE SEAVER

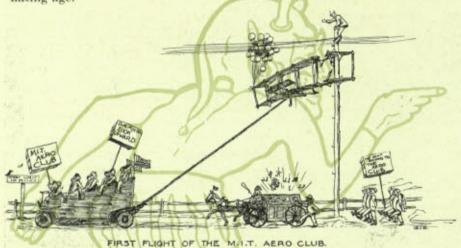
JAGGAR
DOC TALBOT
CHARLES-EDWARD

A RLO (to second-year English class)—"We are forced to admit that, in 'Crossing the Bar,' the pilots and bars are a little mixed."

MR. ALBERS (in Business Law)—"For instance, you might have gone to Harvard instead of Tech"—

Prolonged hisses from the class.

Mr. Albers—"Oh, but when you chose, you were not of the discriminating age."



144

FIRST STUDENT—"So The Tech was formerly a tri-weekly?" SECOND STUDENT—"Yes, and now it's a try daily."

"HEINIE" HOFMAN (explaining use of fluorspar as a flux)—"We use dis, for it acts like—vot you say—ah—cascaret."

"DOC" MOORE—"I hear that Charley Cross turns his entire salary back to the Institute."

"FAT" MERRILL-"Why don't they raise it?"

PROF. DEWEY (to soph butting into pol. econ. recitation in 29 L)—
"Looking for the English class? Twenty-three!"

Hall, 1912, the Tech hero, SAVES the Union from total ruin

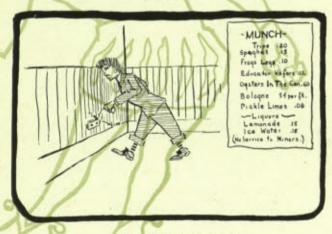


According to the Boston Post

and

STUDENT—"What is the difference between the anomalous dispersion of quartz and glass?"

DR. Comstock—
"Er-r-r, well-er, that is an excellent question. When the light enters the quartz, er-r-r I'm very glad you asked that question. As I was saying, when the light enters the glass,



As it really happened.

er-r-r that question brings out an excellent point, and I'm glad you asked it. Er-r-r as there are but forty-five minutes left, I think we had better go on with the lesson."

Editor of Wednesday Pesus # 57

Send man to Billings 1910 and see if he has rade out any of his schedulr on Hockey. If he has any of it arranged give it a drool for about

column or a ligtle less.

I will give you a quarter column on the DOPESTER*/

YOUR DAMN LUCKY TO GET ANYTHING TODAY SEE

J. I. MURRAY ATH. EDITOR.

System on The Tech

K is for KALMUS, the man with the fob. His violet hues Will now cure the blues, But his "violet" pencil is still on the job.

ODE TO ALLEN

Ray Allen is a skinny guy, The skinniest of men; Instead of bath-tubs, now he takes His bath in a fountain pen.

The reason for this scheme is plain,-Take heed, men, of his type!-He's afraid, when sitting in the tub, That he'll slip down the pipe.

OMSTOCK, 1911 (in second-year Applied Mechanics)—"In this case the weight of the rope is two feet per foot."

BILL-"I'm thirsty. phys. lab."

HANK-What's that to do with a drink?"

BILL-"Must I explain the subtle humor of my ejaculation? Yes? Well. come on over to Metcalf's soda emporium. Savez?"

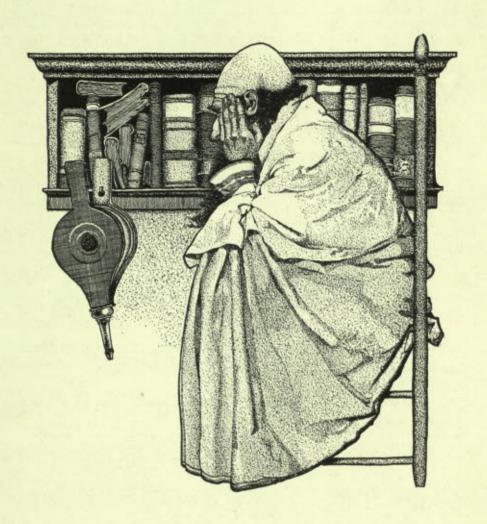
Poor Blackie Didn't Enjoy His Dinner

like-when what do you think hap-pened? Well, you probably know more that this was the dreadful tiling with that the was the dreadful tiling with and it stung Blackie right on the tip of bis little black nose. Oh, how it hurt! Blackie tried to wash off that ager place that seemed to grow bigger and burt more every second. Gracke didn't know what was the nan-teling side and cool on Blackie's need to be a summa did, and she put some-thing side and cool on Blackie's need to catch any more big files? No, indeed, he did not. He just caught little plain or-dinary files after that.

buds have blossomed out into perfect

blooms.

Now this week the buttercup will be the flower. In order to make this contest as equal for all as possible all flowers must be sent by mail and not dailvared in person. The reason for



GENERAL INFORM:ATION

[345]



F the total number of 1,479 students at the Institute, 852 or 57.5% of the whole are from Massachusetts.

Last June, 19 candidates were recommended for the degree of Master of Science, and 132 for the degree of Bachelor of Science.

For each instructor there is an average of 7 students.

There were 578 new students this year as compared with 594 last year.

The total number of college graduates enrolled at the Institute this year is 200. These men represent a total of 84 different colleges and universities.

231 men graduated last June, receiving degrees from all courses except General and Geology.

Civil Engineering is the largest course, with 205 students enrolled. Mechanical Engineering is next, with 203; Electrical Engineering is third, with 200; and Geology last, with one, a co-ed.

There are but 8 co-eds this year as compared with 19 last year. 69% of the students are regular.

The average age on entrance was 19 years (one month younger than last year); and the average age on graduation was 23 years, 1 month (one month older than last year).

The total instructing staff numbers 241 (4 less than in 1908–09). 16.8% of the total number of students at the Institute received scholarship assistance last year with a total amount of \$22,687.50.

Salaries paid out to the instructing staff and to the officers of the Institute amounted to \$347,704.79 in 1909.

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The total amount expended by the Institute was \$575,794.35.

The Walker Memorial Fund now amounts to \$120,796.97.

A conservative estimate of the foot-pounds of work that would be saved if the Institute supplied elevators (taking the average weight of a student as 150 pounds) gives 160,000,000 for the entire four years per student.

Metcalf's sells to Tech students each year about 2,500 gallons of milk-shakes, or enough to fill a pipe three inches in diameter and 1.3 miles in length.

YEARLY REGISTRATION

The following table shows the registration of successive years from the foundation of the Institute:—

Year		Number of Students	Year	Number of Studen	ls
1865-1866		72	1888-1889	827	
1866-1867		137	1889-1890	909	
1867-1868		167	1890-1891		
1868-1869		7 172	1891-1892	1,011	
1869-1870	A CHARLES		1892-1893	1,060	
1870-1871			1893-1894	1,157	
1871-1872	a supplied		1894-1895	1,783	
1872-1873	SA TOWNS		1895-1896	1,187	
1873-1874	THE WORLD		1896-1897	1,198	
1874-1875		248	1897-1898	1,198	
1875-1876			1898-1899	1,171	
1876-1877	10.000		1899-1900	1,178	
1877-1878		194	1900-1901	1,277	
1878-1879	. en en e . e . e .	188	1901-1902	1,415	
1879-1880			1902-1903	1,608	
1880-1881	114 4 114		1903-1904	1,528	
1881-1882			1904-1905	1,561	
1882-1883			1905-1906	1,466	
1883-1884		443	1906-1907	1,397	
1884-1885	Proper year		1907-1908	. , , , , 1,410	
1885-1886		609	1908-1909	1,462	
1886-1887		637	1909-1910	1,479	
1887-1888		720			

Concerning

Name	Location	Founde	d President	
Alabama Polytechnic Institute .	Auburn, Ala.	1872	Charles C. Thack, A.M., LL.D.	1
Albion	Albion, Mich.	1861	Samuel Dickie, A.M., M.S., LL.D.	2
Allegheny College	Meadville, Pa.	1815	Rev. William H. Crawford, D.D., LL.D.	3
Amherst College	Amherst, Mass.	1821	Rev. George Harris, D.D., LL.D.	4
Armour Institute	Chiengo, Ill.	1893	Rev. Frank W. Gunsaulus, D.D., LL.D.	5
Bates College	Lewiston, Me.	1864	Rev. George C. Chase, D.D., LL.D.	6
Baylor University	Waco, Tex.	1845	Samuel P. Brooks, LL.D.	7
Beloit College	Beloit, Wis.	1846	Rev. Edward D. Eaton, D.D., LL.D.	8
Berea College	Berea, Ky.	1855	Rev. William G. Frost, Ph.D.	9
Boston University	Boston, Mass.	1869	Rev. W. E. Huntington, Ph.D.	10
Bowdoin College	Brunswick, Me.	1794	Rev. William D. Hyde, D.D., LL.D.	11
Brown University	Providence, R.I.	1764	Rev. W. H. P. Faunce, A.M., D.D.	12
Bucknell University	Lewisburg, Pa.	1846	John H. Harris, Ph.D., LL.D.	13
Case School of Applied Science .	Cleveland, Ohio	1881	Charles S. Howe, B.S., Ph.D.	14
Central University	Danville, Ky.	1819	Frederick W. Hinitt, Ph.D.	15
Claffin University	Orangeburg, S.C.	1872	Rev. Lewis M. Dunton, A.M., D.D.	16
Colgate University	Hamilton, N.Y.	1819	Elmer Burritt Bryan, LL.D.	17
College of the City of New York,		1847	Rev. John H. Finlay, D.D., LL.D.	18
College of the Holy Cross	Worcester, Mass.	1843	Rev. Thomas E. Murphey, S.J.	19
College of William and Mary	Williamsburg, Va.	1693	Lyon G. Tyler, M.A., LL.D.	20
Colorado College	Colorado Springs, Col.	1874	Rev. William F. Slocum, A.B., D.D., LL.D.	21
Colorado School of Mines	Golden, Col.	1874	Victor C. Alderson, Sc.D.	22
Columbia University	New York City	1754	Nicholas M. Butler, Ph.D., LL.D.	23
Cornell University	Ithaca, N.Y.	1865	Jacob G. Schurman, D.Sc., LL.D., A.M.	24
Cumberland University	Lebanon, Tenn.	1879	Rev. Winstead P. Bone, A.B., B.D., A.M., D.D.	
Dartmouth College	Hanover, N.H.	1769	Earnest Fox Nichols, Sc.D., LL.D.	26
Delaware College	Newark, Del.	1834	George A. Harter, Ph.D.	27
De Pauw University	Greencastle, Ind.	1837	Rev. Francis J. McConnell, PhD., D.D., LL.D.	
Dickinson College	Carlisle, Pa.	1783	Rev. George E. Reed, St.D., LL.D.	29
Drake University	Des Moines, Ia.	1881	Hill M. Bell, A.M., LL.D.	30
Fisk University	Nashville, Tenn.	1866	Rev. George A. Gates, D.D., LL.D.	31
Franklin and Marshall	Lancaster, Pa.	1853	Rev. John S. Stahr, Ph.D., LL.D.	32
George Washington University .	Washington, D.C.	1821		
Georgetown University	Washington, D.C.	1789	Charles W. Needham, LL.D. Rev. Joseph J. Himmel, S.J.	33
Harvard University	Cambridge, Mass.	1636		34
Howard University	Washington, D.C.	PATES	Abbott Lawrence Lowell, A.B., LL.B., LL.D.	35
Indiana University	Bloomington, Ind.	1867	Rev. Wilbur P. Thirkield, LL.D.	36
Iowa College	Grinnell, Ia.	1824	William L. Bryan, A.B., A.M., Ph.D.	37
Johns Hopkins University	Baltimore, Md.	1848 1876	J. H. T. Main, Ph.D.	38
Kentucky University	Lexington, Ky.		Ira Remsen, LL.D., M.D., Ph.D.	39
Kenyon College	Gambier, Ohio	1836	James K. Patterson, Ph.D., LL.D.	40
Lafayette College	Easton, Pa.	1825	Rev. William F. Peirce, L.H.D.	41
T I TO THE TOTAL OF THE TOTAL O		1832	Rev. E. D. Warfield, D.D., LL.D.	42
Lehigh University	Lake Forest, Ill.		John S. Nollen, Ph.D.	43
Leland Stanford, Jr., University	South Bethlehem, Pa.	1866	Henry S. Drinker, E.M., LL.D.	44
	Stanford University, Cal.		David S. Jordan, LL.D., Ph.D., M.S.	45
Louisiana State University	Baton Rouge, La.	1860	Thomas D. Boyd, LL.D.	46
	Marietta, Ohio	1835	Rev. Alfred T. Perry, A.M.	47
Mass. Institute of Technology . Michigan College of Mines	Boston, Mass.	1865	Richard C. Maclaurin, LL.D., Sc.D.	48
Attengan College of Mines	Houghton, Mich.	1886	F. W. McNair, B.S.	49

the Colleges

					Co-educa-		Val. Prop'ty Endow't and other Resources
	Stud'ts	Inst'rs	College Colors	Annual	tional	Tuition	Approx.
1	617	53	Orange and Blue	Glomerata	Yes	None	\$562,000
2	460	16	Pink and Green	Junior Annual	Yes	\$30	525,000
3	382	23	Blue and Gold	Kaldron	Yes	60	
4	515	41	Purple and White	Olio	No	110	1,140,000
5	1869	70	Yellow and Black	Integral	No	120	2,587,000
6	436	17	Garnet	Bulletin No. 1	Yes	50	6,535,000
7	1296	57	Green and Gold	Round Up	Yes	60	1,553,000 835,000
8	419	34	Gold	Codex	Yes	50	1,103,000
9	1140	49	Cream and Blue	None	Yes	None	1,005,000
10	1207	150	Scarlet and White	The Hub	Yes	130	3,483,000
11	394	54	White	The Bugle	No	75	2,387,000
12	925	85	Brown and White	Liber Brunensis	Yes	105	
13	771	57	Orange and Navy Blue	L'Agenda	Yes	50	6,570,000
14	440	37	Brown and White	The Annual	No	100	1,081,000
15	568	70	Cardinal and Blue	Cardinal and Blue	Yes	50	3,175,000
16	220	11	Orange and Maroon	Bulletin	Yes	20	857,000
17	474	41	Maroon	Salmagundi	No	60	315,000 2,460,000
18	3921	215	Lavender	Register	No	None	7,130,000
19	403	38	Purple and White	The Purple	No	60	535,000
20	238	31	Orange and White	Colonial Echo	No	35	363,000
21	717	50	Gold and Black	The Tiger	Yes	50	2,098,000
22	349	18	Silver and Blue	Bulletin	No	150	576,000
23	2992	422	Light Blue and White	Columbian	Yes	150	33,036,000
24	3733	548	Cornelian and White	Cornellian	Yes	100	14,683,000
25	451	20	Green, White, and Blue	Phanix	Yes	75	209,000
26	1218	91	Dark Green	Aegis	No	125	4,703,000
27	188	22	Blue and Gold	Junior Annual	No	None	360,000
28	985	41	Old Gold	The Mirage	Yes	None	1,032,000
29	581	34	Red and White	The Microcosm	Yes	95	1,061,000
30	1197	115	Blue and White	Quax	Yes	75	820,000
31	516	35	Blue and Gold	None	Yes	15	479,000
32	395	23	Blue and White	Oriflamme	Yes	65	584,000
33	1258	215	Buff and Blue	Cherry Tree	Yes	150	1,258,000
34	740	150	Blue and Gray	Hodge Podge	No	150	1,259,000
35	4012	580	Crimson	None	No	150	34,273,000
36	1040	97	Blue and White	University Journal	Yes	10	2,234,000
37	2054	83	Cream and Crimson	Arbutus	Yes	None	1,517,000
38	661	44	Scarlet and Black	Junior Annual	Yes	20	807,000
39	683	201	Black and Old Gold	Hullabaloo	Yes	150	6,565,000
40	791	52	Crimson	Crimson -	Yes	25	1,115,000
41	138	20	Mauve	Reveille	No	75	1,004,000
42	442	35	Maroon and White	Melange	No	100	1,583,000
43	422	47	Red and Black	Forester	Yes	50	1,668,000
44	680	62	Brown and White	Epitome	No	150	3,365,000
45	1738	138	Cardinal Red	Stanford Quad	Yes	None	32,277,000
46	545	38	Orange and Purple	Gumbo	No	None	1,058,000
47	382	28	Navy Blue and White	Marietta	Yes	30	1,624,000
48	1479	253	Cardinal Red and Silver Gray	Technique	Yes	250	5,190,000
49	266	34	Yellow and White	None	No	25	538,000
		-	The state of the s				000,000

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Name	Location	Founde	d President	
New York University	New York City	1832	DY AUSTRALIA DE LA PRINCIPALITA	
Northwestern University	Evanston, Ill.	1851	Rev. H. M. MacCracken, D.D., LL.D.	1
Oberlin College	Oberlin, Ohio	1833	Abram W. Harriss, LL.D.	2
Ohio State University	Columbus, Ohio	1873	Rev. Henry C. King, D.D.	3
Pennsylvania State College	State College, Pa.	1859	Rev. W. O. Thompson, D.D., LL.D.	4
Polytechnic Institute of Brooklyn		1854	Edwin E. Sparks	5
Princeton University	Princeton, N.J.		F. W. Atchinson, Ph.D.	6
Purdue University	La Fayette, Ind.	1746	Woodrow Wilson, Ph.D., Litt. D., LL.D.	7
Rensselaer Polytechnic Institute	Troy, N.Y.	1874	Winthrop E. Stone, A.M., Ph.D.	8
Richmond College	Richmond, Va.	1824	Palmer C. Ricketts, C.E.	9
Rutgers College	New Brunswick, N.J.	1832	F. M. Bontwright, M.A., LL.D.	10
St. Louis University	St. Louis, Mo.	1766	Rev. W. H. S. Demarest, D.D.	11
Shaw University	Raleigh, N.C.	1829	Rev. John P. Frieden, S.J.	12
Southwestern University	Georgetown, Texas	1865	Charles F. Meserve, LL.D.	13
State College of Washington		1873	R. S. Hyer, A.M., LL.D.	14
Section with the section of the sect	Pullman, Wash.	1892	E. A. Bryan, LL.D.	15
State University of Iowa Stevens Institute of Technology,	Iowa City, Ia.	1855	George E. MacLean, M.A., LL.D.	16
	Hoboken, N.J.	1871	A. C. Humphreys, M.E., Sc.D., LL.D.	17
Swarthmore	Swarthmore, Pa.	1869	Joseph Swain, LL.D.	18
Syracuse University	Syracuse, N.Y.	1871	Rev. James R. Day, LL.D., St.D.	19
Temple University	Philadelphia, Pa.	1884	Russell H. Conwell, LL.D.	20
Throop Polytechnic Institute	Pasadena, Cal.	1891	James A. B. Scherer, Ph.D.	21
Trinity College	Hartford, Conn.	1824	Flavel S. Luther, B.A., Ph.D.	22
Tufts College	Tufts College, Mass.	1855	Frederick W. Hamilton, A.B., A.M., LL.D.	23
Tulane University	New Orleans, La.	1834	E. B. Craighead, LL.D.	24
Union University	Schenectady, N.Y.	1795	Rev. Charles Alexander Richmond, D.D.	25
United States Military Academy	West Point, N.Y.	1802	Col. H. L. Scott, U.S.A.	26
United States Naval Academy .	Annapolis, Md.	1845	Capt. C. J. Badger, U.S.N.	27
University of Alabama	University, Ala.	1831	John W. Abercrombie, LL.D.	28
University of Arizona	Tueson, Ariz.	1891	Kendrie C. Babeock, B.L., A.M., LL.D.	29
University of Arkansas	Fayetteville, Ark.	1872	John L. Tillman, LL.D.	30
University of California	Berkeley, Cal.	1869	Benjamin Ide Wheeler, Ph.D., LL.D.	31
University of Chicago	Chicago, Ill.	1892	Harry Pratt Judson, A.M., LL.D.	32
University of Cincinnati	Cincinnati, Ohio	1874	Charles W. Dabney, LL.D.	- 33
University of Colorado	Boulder, Col.	1877	James H. Baker, LL.D., M.A.	34
University of Denver	University Park, Col.	1864	Rev. H. A. Buchtel, D.D., A.M., LL.D.	35
University of Florida	Gainesville, Fla.	1884	Andrew Sledd, Ph.D.	36
University of Georgia	Athens, Ga.	1800	D. C. Barrow, A.M.	37
University of Idaho	Moscow, Idaho	1892	James A. Maelean, M.A., Ph.D.	38
University of Illinois	Urbana, Ill.	1868	Edmund J. James, LL.D.	39-
University of Kansas	Lawrence, Kan.	1866	Frank Strong, Ph.D.	40
University of Maine	Orono, Me.	1868	George E. Fellows, Ph.D., LL.D., Lh.D.	41
University of Michigan	Ann Arbor, Mich.	1841	James B. Angell, LL.D.	42
University of Minnesota	Minneapolis, Minn.	1868	Cyrus Northrop, LL.D.	43
University of Mississippi	University, Miss.	1848	A. A. Kineannon, Chancellor	44
University of Missouri	Columbia, Mo.	1841	Albert R. Hill, LL.D.	45
University of Montana	Missoula, Mont.	1895	Clyde A. Duniway, Ph.D.	46
University of Nebraska	Lincoln, Neb.	1869	Rev. E. Benjamin Andrews, D.D., LL.D.	47
University of Nevada	Reno, Nev.	1886	Rev. J. E. Stubbs, LL.D.	48
University of New Mexico	Albuquerque, N.M.	1892	William G. Tight, Ph.D.	49
University of North Carolina	Chapel Hill, N.C.	1795	Francis P. Venable, Ph.D., LL.D.	50
University of North Dakota	University, N.D.	1884	Webster Merrifield, M.A.	51
University of Notre Dame	Notre Dame, Ind.	1842	Rev. J. Cavanagh, C.Sc.	52

					20-20-0		Val. Prop'ty Endow't and
	Stud'ts	Inst'rs	College Colors	Annual	Co-educa- tional	Tuition	other Resources
1	3418	267	Violet	The Violet			Approx.
2	3997	340	Royal Purple	The Syllabus	Yes Yes	\$100	\$4,656,000
3	1848	129	Crimson and Gold	Hi-O-Hi	Yes	80	7,699,000
4	2256	160	Scarlet and Gray	Makio	Yes	75	2,643,000
5	1151	112	Blue and White	La Vie	Yes	18	4,309,000
6	1127	74	Blue and Gray	The Polywog	No	200	2,128,000
7	1301	163	Orange and Black	Bric-a-Brac	No	160	542,000
8	1805	139	Old Gold and Black	Debris	Yes	None	4,148,000
9	487	30	Cherry and White	Transit	No	200	1,503,000
10	444	27	Crimson and Blue	The Spider	Yes	70	2,159,000
11	390	46	Scarlet	Scarlet Letter	Yes	75	1,132,000
12	906	150	Blue and White	Fleur-de-Lis	No	60	1,650,000
13	230	31	Garnet and White	None	Yes	30	1,130,000
14	860	51	Lemon and Black	Sou'wester	Yes	63	261,000
15	1244	97	Old Gold	The Hawkeye	Yes	None	355,000 1,287,000
16	2315	136	Crimson and Gray	Chinook	Yes	20	
17	435	30	Silver Gray and Crimson	Link	No	225	3,041,000 1,754,000
18	321	38	Garnet	Halcyon	Yes	150	1,985,000
19	3081	210	Orange	The Onondagan	Yes	120	4,745,000
20	3371	199	Cherry and White	Owl	Yes	None	600,000
21	365	36	Orange and White	Polytechnic	Yes	100	2023000
22	215	24	Dark Blue and Old Gold	Ivy	No	100	354,000 2,244,000
23	1083	140	Brown and Blue	The Brown and Blue	Yes	125	2,923,000
24	1384	163	Olive and Blue	Jambalaya	Yes	85	2,929,000
25	278	32	Garnet	The Garnet	No	75	1,372,000
26	507	87	Black, Gray, and Gold	Howitzer	No	None	2,015,000
27	854	108	Blue and Old Gold	The Lucky Bag	No	None	10,645,000
28	573	60	Crimson and White	The Corolla	Yes	None	1,739,000
29	237	27	Blue and Red	The Burro	Yes	None	279,000
30	1408	61	Cardinal	Cardinal	Yes	None	696,000
31	3305	274	Blue and Gold	Blue and Gold	Yes	None	9,025,000
32	5617	352	Maroon	Cap and Gown	Yes	180	24,320,000
33	1264	154	Scarlet and Black	Cincinnatian	Yes	75	2,988,000
34	961	133	Silver and Gold	Coloradoan	Yes	None	680,000
35	2019	171	Red and Gold	Kynewisbok	Yes	45	745,000
36	103	16	Navy Blue and Orange	None	No	None	429,000
37	504	39	Red and Black	Pandora	- No	50	700,000
38	419	41	Silver and Gold	Gem of the Mountain	Yes	None	716,000
39	4376	485	Orange and Blue	The Illio	Yes	39	3,876,000
40	2044	117	Crimson and Dark Blue	The Jayhawker	Yes	20	1,506,000
41	886	83	Light Blue	The Prism	Yes	40	825,000
42	4554	392	Maize and Blue	Michiganensian	Yes	40	3,115,000
43	4159	229	Maroon and Old Gold	The Gopher	Yes	30	7,416,000
44	360	25	Not reported	Not reported	Yes	None	1,381,000
45	2536	152	Gold and Black	The Savitor	Yes	None	3,163,000
46	291	30	Copper, Silver, and Gold	The Sentinel	Yes	None	1,195,000
47	3237	235	Scarlet and Cream	The Sombrero	Yes	30	2,363,000
48.	347	34	Royal Blue and Silver	The Artemisia	Yes	None	634,000
49	156	14	Cherry and Silver	Mirage	Yes	None	146,000
50	790	94	Blue and White	Yackety-Yack	Yes	60	1,039,000
51	617	61	Pink and Green	The Dacotah	Yes	None	650,000
52	875	60	Gold and Blue	The Dome	No	100	1,760,000

Name	Location	Founded	President	
University of Ohio	Athens, Ohio	1809	Alston Ellis, Ph.D., LL.D.	1
University of Oklahoma	Norman, Okla.	1892	Rev. A. G. Evans	2
University of Oregon	Eugene, Ore.	1876	Prince L. Campbell, A.B.	3
University of Pennsylvania	Philadelphia, Pa.	1740	Charles C. Harrison, LL.D.	4
University of Pittsburg	Pittsburg, Pa.	1786	Rev. Samuel Black McCormick, D.D., LL.D.	5
University of Rochester	Rochester, N.Y.	1850	Rev. Rush Rhees, D.D., LL.D.	6
University of South Dakota	Vermilion, S.D.	1882	Franklin B. Gault, Ph.D.	7
University of Southern California	Los Angeles, Cal.	1880	Rev. George T. Boyard, D.D.	8
University of South Carolina	Columbia, S.C.	1805	Samuel Chiles Mitchell, Ph.D.	9
University of the South	Sewanee, Tenn.	1868	Benjamin L. Wiggins, M.A., LL.D.	10
University of Tennessee	Knoxville, Tenn.	1794	Brown Ayers, Ph.D.	11
University of Texas	Austin, Tex.	1883	Sidney E. Mezes, Ph.D.	12
University of Utah	Salt Lake City, Utah	1850	J. J. Kingsbury, Ph.B., Ph.D., D.Se.	13
University of Vermont	Burlington, Vt.	1800	Rev. Matthew H. Bucham, D.D., LL.D.	14
University of Virginia	Charlottesville, Va.	1825	Edwin Anderson Alderman, LL.D.	15
University of Washington	Seattle, Wash.	1862	Thomas F. Kane, Ph.D.	16
University of West Virginia	Morgantown, W. Va.	1867	Daniel Boardman Purinton, Ph.D., LL.D.	17
University of Wisconsin	Madison, Wis.	1850	Charles R. Van Hise, Ph.D.	18
University of Wyoming	Laramie, Wyo.	1887	Charles O. Merica, LL.D.	19
Vanderbilt University	Nashville, Tenn.	1875	J. H. Kirkland, LL.D., Ph.D., D.C.H.	20
Washington and Jefferson College	Washington, Pa.	1802	Rev. James David Moffat, D.D., LL.D.	21
Washington and Lee University	Lexington, Va.	1749	George H. Denney, M.A., Ph.D., LL.D.	22
Washington University	St. Louis, Mo.	1859	David F. Houston, LL.D.	23
Wesleyan University	Middletown, Conn.	1831	William A. Shankin, D.D.	24
Western Reserve University	Cleveland, Ohio	1826	Rev. Charles F. Thwing, D.D., LL.D.	25
Williams College	Williamstown, Mass.	1793	Harry A. Garfield, LL.D.	26
Wittenberg College	Springfield, Ohio	1845	Rev. Charles G. Heckert, D.D.	27
Wooster University	Wooster, Ohio	1870	Rev. Louis Edward Holden, D.D., LL.D.	28
Worcester Polytechnic Institute	Worcester, Mass.	1868	Edmund Arthur Engler, A.M., Ph.D., LL.D.	29
Yale University	New Haven, Conn.	1701	Arthur T. Hadley, LL.D.	30

Colleges

Barnard College	New York City	1889	Nicholas Murray Butler, Ph.D., LL.D., Litt.D.	1
Bryn Mawr College	Bryn Mawr, Pa.	1885	Miss M. Cary Thomas, Ph.D., LL.D.	2
Elmira College	Elmira, N.Y.	1855	Rev. Alexander C. MacKenzie, D.D., LL.D.	3
Mount Holyoke College	South Hadley, Mass.	1837	Mary E. Wooley, A.M., L.H.D.	4
Radcliffe College	Cambridge, Mass.	1879	LeBaron Briggs, A.M., LL.D.	5
Simmons College	Boston, Mass.	1902	Henry Lefavour, Ph.D., LL.D.	6
Smith College	Northampton, Mass.	1875	Rev. L. Clark Seelye, D.D., LL.D.	7
Vassar College	Poughkeepsie, N.Y.	1865	Rev. James M. Taylor, D.D., LL.D.	8
Wellesley College	Wellesley, Mass.	1875	Caroline Hazard, M.A., Litt.D.	9
Wells College	Aurora, N.Y.	1868	Rev. George M. Ward, B.A., M.A., D.D., LL.D. 1	0

					Co-educa-		Val. Prop'ty Endow't and other Resource
	Stud'ts	Inst'rs	College Colors	Annual	tional	Tuition	Approx.
1	942	55	Olive Green and White	Athena	Yes	None	\$2,065,000
2	743	40	Crimson and Cream	News Letter	Yes	None	261,000
3	714	93	Lemon Yellow	Webfoot	Yes	None	539,000
4	3931	404	Red and Blue	The Record	Yes	\$200	20,425,000
5	1138	148	Gold and Blue	Owl	Yes	51	267,000
6	373	24	Dandelion Yellow	The Interpres	Yes	75	1,515,000
7	424	50	Vermilion	Coyote	Yes	12	478,000
8	1337	189	Cardinal and Gold	El Rodeo	Yes	70	915,000
9	280	27	Garnet and Black	The Garnet and Black	Yes	40	520,000
10	553	46	Orange and White	The Volunteer	Yes	100	998,000
11	694	84	Orange and White	Cactus	Yes	60	1,172,000
12	2237	81	Royal Purple	Cap and Gown	No	None	2,961,000
13	853	61	Crimson and Silver	Annual	Yes	None	750,000
14	497	80	Green and Gold	The Ariel	Yes	80	1,907,000
15	788	78	Orange and Blue	Cocks and Curls	No	75	3,356,000
16	1396	91	Purple and Gold	Twee	Yes	None	1,825,000
17	927	72	Old Gold and Blue	Monticola	Yes	38	4,910,000
18	3835	360	Cardinal	The Badger	Yes	30	4.851,000
19	224	30	Brown and Yellow	None	Yes	None	555,000
20	905	120	Black and Gold	Comet	Yes	85	3.030.000
21	415	30	Red and Black	Pandora	No	60	984,000
22	478	35	Blue and White	Calyx	No	50	1,194,000
23	1744	203	Myrtle and Maroon	The Hatchet	Yes	150	8,935,000
24	316	35	Cardinal and Black	Olla Podrida	Yes	85	2,950,000
25	914	227	Red and White	Reserve	Yes	100	3,499,000
26	494	57	Royal Purple	The Gulielmensian	No	140	2,724,000
27	404	30	Cardinal and Cream	None	Yes	60	595,000
28	681	31	Black and Gold	The Index	Yes	60	1,236,000
29	465	47	Crimson and Steel Gray	None	No	150	1,320,000
30	3433	474	Blue	Yale Banner	Yes	150	Not reported

for Momen

1	453	71	Light Blue and White	Mortar Board	No	150	\$3,148,000
2	419	55	Yellow and White	The Lantern	No	200	3,266,000
3	309	17	Purple and Gold	Iris	No	125	298,000
4	711	84	Light Blue	Llamarada	No	125	1,868,000
5	427	101	Red and White	None	No	200	1,359,000
6	545	62	Dark Blue and Gold	Microcosm	No	100	2,865,000
7	1482	111	White	None	No	100	2,758,000
8	1001	97	Rose and Gray	Vassarian	No	150	3,888,000
9	1209	100	Deep Blue	Legenda	No	175	2,440,000
10	169	24	Cardinal	The Cardinal	No	150	810,000

Note.—These statistics have been carefully revised and corrected up to February 15, 1910. Advance sheets from the United States Government report were referred to, and in all doubtful cases the necessary data were obtained by personal correspondence with the colleges in question. There are so many colleges in the country that only the better known ones could be included in the list.

In Memoriam

ARTHUR EDWARD JOYNER, 1912

DIED MAY 15, 1909



Name	Year	Course	Home Address
Aaron, Joseph Abraham	1911	VI	3 Normandy St., Roxbury, Mass.
Abbe, Roy Hosford	1910	II	Bethlehem, N. H.
Abel, George Hinman, A.B.	1912	II Sp.	Station L. Baltimore, Md.
Achard, Francis Hermann	1913	VI Sp.	42 St. Germain St., Boston, Mass.
Adams, Frederic Hillyer	1911	XIII Sp.	1709 Caton Ave., Brooklyn, N.Y.
Adams, Ralph Guy	1911	П	Needham, Mass.
Adkinson, June	1911	V Sp.	10 Fairview St., Dorchester, Mass.
Adler, Julian Emanuel	1913	X Sp.	2147 Highland Ave., Birmingham,
and the second s			Ala.
Adler, Leon Meyer	1910	II	2147 Highland Ave., Birmingham,
			Ala.
Ahearn, William Howard	1912	I Sp.	West Hanover, Mass.
Ahlers, John	1910	I	189 Duane St., New York, N.Y.
Akerly, Harold Edward, B.S., A D	1910	IV Sp.	13 Amherst St., Rochester, N.Y.
Albee, Albert Clifton	1912	I	96 Coolidge St., Brookline, Mass.
Albee, Charles Herbert	1912	X Sp.	109 Trenton St., East Boston, Mass.
Alden, Frederick Thornton	1912	1	109 Porter St., Malden, Mass.
Alden, Gardner Rich	1913	X	73 Sea St., North Weymouth, Mass.
Alexander, Harry Silas, A.B., K Σ	1911	II Sp.	406 E. Maiden St., Washington, Pa.
	Grad.	XII	Aubrey, Quebec, Canada.
Allen, Abbott	1910	I	36 Milwood St., Dorchester, Mass.
Allen, Andrew Foster	1912	XI	Campello, Mass.
Allen, David Pillsbury	1911	II	81 Beacon St., Saxonville, Mass.
Allen, George Howard	1910	VII Sp.	222 Morrison Ave., W. Somerville,
			Mass.
Allen, Raynor Huntington, Φ B E	1910	II Sp.	230 Southern Ave., Mt. Auburn,
			Cincinnati, Ohio.
Allen, Vincent Weaver	1912	II	15 Ridgewood St., Waterbury, Ct.
Allen, Walter Defriez	1911	XIII	8 Winter St., Nantucket, Mass.
Alling, Sydney, B.S.	1911	VI Sp.	1120 Park Ave., Rochester, N.Y.
Allison, Harold Burbidge Cheney	1911	X	2279 Mass. Ave., Cambridge, Mass.
Allton, Robert Adams	1913	XI	5 Beard St., Nashua, N.H.
Almy, Charles, Jr., A.B., X Φ	1910	X	147 Brattle St., Cambridge, Mass.
Alter, John Frank	1911	IV	70 Newbury St., Lawrence, Mass.
Althouse, Reuben Yates	1911	1	769 University St., Boulder, Col.
Alvord, Herbert Burr, B.A	1912	II	Gloversville, N.Y.
Anderson, Cedric Samuel	1911	VI	24 Ruskin St., W. Roxbury, Mass.
Anderson, Maurice Phelps, Θ Z	1910	XIII Sp.	111 Cherry St., Seattle, Wash.
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Name	Year	Course	Home Address
Anderson, Robert Emmet, M.E.	1910	III Sp.	307 Broadway, Cincinnati, Ohio.
Andrews, Albert Willard, A.B.	1910	I	Canandaigua, N.Y.
Angell, Herbert A	1911	IV Sp.	
Appelquest, Jerome Anthony	1912	VI	Middletown, Conn.
Appleton, Arthur Benson	1912	I Sp.	15 Dane St., Beverly, Mass.
Arey Reuben	1913	Ι .	42 Dakota St., Dorchester, Mass.
Arkell, William Clark, Φ Σ K	1910	I	Canajoharie, N.Y.
Arms, John Taylor, Jr	1911	IV	1800 New Hampshire Ave., N.W.,
			Washington, D.C.
Armstrong, Kenneth Potter	1910	I	112 Sycamore St., Winter Hill, Mass.
Arnold Grant William	1911	VI Sp.	23 Dalton St., Boston, Mass.
Arnold, Harold Shelton, $\Phi \Gamma \Delta$	1910	III Sp.	North Abington, Mass.
Arnolt, Fritz M., B.S.	1910	XI	Tuckahoe, Westchester Co., N.Y.
Ashley, Clifford Sweetland	1910	V Sp.	32 White St., Taunton, Mass.
Atkins, Lew Morton	1911	XIII A	Butte, Mont.
Atwater, Allen Russell, Φ Γ Δ	1913	VI	Trevano Castle, Lugano, Switzer-
			land.
Avery, John, Jr., $\Phi \Gamma \Delta$	1910	I	45 Perkins St., W. Newton, Mass.
Avery, Philip Stearns, B.S., $\Phi \Gamma \Delta$	1911	IV Sp.	10 Abbott St., Nashua, N.H.
Babbitt, Harold Eaton	1911	XI	214 W. Canton St., Boston, Mass.
Babcock, Henry Andrews, Δ T Δ	1912	II Sp.	6053 Woodlawn Ave., Chicago, Ill.
Babcock, John Brazer, 3d	1910	I	11 Downer Ave., Dorchester, Mass.
Bagg, John Leonard, Ph.B.	1912	V Sp.	Locust St., Holyoke, Mass.
Bailey, Russell Thomas	1912	I Sp.	202 Maple St., Dayton, Ohio.
Bakeman, George Wilbur	1912	XI	1022 Chestnut St., Newton Upper
Darchini, verige traces			Falls, Mass.
Baker, David Franklin, Λ Φ	1912	III Sp.	Haverford, Pa.
Baker, Eugene Berkeley	1912	IV	52 Central St., Auburndale, Mass.
Baker, Frank Adams, Φ K Σ	1910	II Sp.	12 Rill St., Dorchester, Mass.
Baker, Frederick, K 0	1912	II Sp.	75 Washington St., Lynn, Mass.
Balke, Frank Carl, Z X	1913	X Sp.	1910 N. Meridian St., Indianapolis,
	2023		Ind.
Ballard, Volant Bashon, Λ Φ	1912	I	Creston, San Luis Obispo Co., Cal.
Barber, Earl Huntington	1910	XI	17 Maple Ave., Newton, Mass.
Barker, Charles Morse	1911	VI	25 Newton St., Marlboro, Mass.
Barker, Frederic Rutherford	1913	III	26 Queen Sq., St. John, N.B.
Barker, Frederick William, Jr., Δ K Σ	1912	X	215 Park Ave., Syracuse, N.Y.
Barnard, John Edwin	1910	IV Sp.	
Barnes, Carlton Sloan	1911	VI Sp.	
Barnes, Philip Simes	1913	X	296 Highland Ave., Wollaston, Mass.
Barnes, William Ellsworth, O X	1912	LSn	432 Columbia Rd., Dorchester,
parties, witham Ensworth, our control	1012	. op.	Mass.
Barnwell, George Winchester, B.S., A T O	1910	VI Sp.	40 W. North Ave., Atlanta, Ga.
Barr, Kester, ATA	1911	П	84 Hodge Ave., Buffalo, N.Y.
Barrows, Wilfred Warren	1913	IV	15 Moreland Ave., Newton Centre,
dimension and the second of th			Mass.
Barry, John Lincoln, 3d, Δ T Δ	1912	VI	42 Parker St., Newton Centre,
			Mass.
Bartel, Paul Winfield	1913	II	34 Banks St., Waltham, Mass.
Bartlett, Charles Lawrence	1911	II	34 Putnam St., Buffalo, N.Y.

Name	Year	Course	Home Address
Bartlett, David Elmore	1911	VI Sp.	523 Fletcher St., Lowell, Mass.
Bartlett, George R.	1913	III Sp.	22 Lyndhurst St., Dorchester, Mass.
Bartlett, Ralph Lincoln	1910	III	Newburyport, Mass.
Barton, Royal Miner	1911	VI	168 Richard St., Auburn, R.I.
Batchelder, John Kimball	1913	XIV	Wilton, N.H.
Batcheller, George Ellinwood	1910	II	51 Elm Ave., Mt. Vernon, N.Y.
Bates, Ralph Dudley	1912	XI Sp.	Ripley Rd., Cohasset, Mass.
Bates, Stacy Collins, A T Q	1912	II	65 Sparks St., Cambridge, Mass. 1 Melville Terrace, Newton, Mass.
Bates, Stanley Edwards	1910	II	238 Albany Ave., Avondale, Cin-
Datalier, Alexander Graydon, 2	1010	**	cinnati, Ohio.
Batty, Ernest James	1911	II	196 High St., Valley Falls, R.I.
Baxter, Harry David Grieve	1910	I Sp.	Lexington, Mich.
Baxter, Stanley Munroe	1913	III Sp.	15 Rutger St., Utica, N.Y.
Baxter, William Henry	1912	III Sp.	755 Boylston St., Boston, Mass.
Beach, Albert John	1910	1	12 Buckingham St., Somerville,
			Mass.
Beale, Allan Souther	1913	I	Sandwich, Mass.
	1912	III Sp.	1437 Beacon St., Brookline, Mass.
Beales, Ralph Linwood . Beall, Van Zandt, B.S., Σ A E	1910 1910	III Sp.	36 George St., Rockland, Mass. Ft. Worth, Tex.
Beall, Van Zandt, B.S., Σ A E Bean, Ormond R., B.S.	1912	IV Sp.	739 Glisan St., Portland, Ore.
Beason, Lew Wyatt	1912	VI	2656 Jefferson Ave., Ogden, Utah.
Becker, John, Jr., Δ T Δ	1912	II Sp.	18 Roxana St., Hyde Park, Mass.
Beckmann, Rafael Arnulfo	1910	III	Parral, Chihuahua, Mex., P.O. Box 2.
Beebe, Hiram Ernest, B.S., Φ Δ Θ	1910	VI	Ipswich, S.D.
Belden, Charles Josiah, A T A	1910	II	
Bell, Frank Frederick, Σ A E	1910	II	Bristol, Bucks Co., Pa.
Bell, John Rice	1911	X	16 Greenleaf St., Malden, Mass.
Bellis, Arthur Edward	1913	V Sp.	9 Brown St., Waltham, Mass.
Benbow, David Fry, Δ T Δ	1912	II	530 Elm St., Reading, Pa.
Bennis, Arthur Thomas Benson, Harvey Smith, Θ Δ X	1912	i	Hotel Bennis, Punxsutawney, Pa.
Bent, Donald Earl, $\Phi \Gamma \Delta$	1912	VI Sp.	1702 S. State St., Syracuse, N.Y. 1462 Lafayette St., Denver, Col.
Bent, Franklin Augustus	1913	X Sp.	Framingham, Mass.
Benton, Carroll Roland	1910	I	356 Belmont St., Manchester, N.H.
Berlin, Maurice George	1911	VII Sp.	75 Erie St., Dorchester, Mass.
Bermudez, Ruben	1912	III	San Pedro Sula, Honduras, C.A.
Bernhard, Jacob	1913	II	10 Spring Park Ave., Jamaica Plain,
and the second of the second		0.510	Mass.
Besosa, Alexander Celedonio	1913	X Sp.	Ponce, Porto Rico.
Besse, Eldred Edward, Θ X	1911	H	10 Cooke St., Fairhaven, Mass.
Bevan, Laurence Algur	1913 1912	VI	83 Page Rd., Newtonville, Mass. 1103 17th St., Bakersfield, Cal.
Bickerdike, Charles Edgar Odin	1912	X Sp.	91 Esmond St., Grove Hall, Boston,
Bicknell, Richard Stuart	1310	A op.	Mass.
Biedler, William Thomas, B.S., K A			
(Southern)	1910	VI	2802 N.Calvert St., Baltimore, Md.
Bien, Van Tuyl Hart	1910	XIII	1130 Lamont St., N.W., Washing-
AND A CONTRACTOR OF THE PARTY O			ton, D.C.
Bierer, John Michael, B.S.	1910	X	Cedarville, Va.
Bierer, Ralph Winfred, B.S.	1911	I Sp.	
Bigelow, Braxton, Δ Ψ	1910	III	14 Otis Pl., Poston, Mass.

Name	Year	Course	Home Address
Bigelow, John Arthur, K O	1911	IV Sp.	Marlboro, Mass.
Billings, Harold Dexter, Φ Γ Δ		XI Sp.	198 Walnut St., Newtonville, Mass.
Birchard, Harold Snell		XIV	181 Bowdoin St., Springfield, Mass.
Bird, William Case, A T Ω		I	13 Middle St., Rockland, Me.
Bishop, Frank Day		v	19 Foster St., Springfield, Mass.
Black, Matthew B.		I Sp.	Avon, Pa.
Black, William Spence		III	32 Addison St., Arlington, Mass.
Blackwood, Frederick William		XIV .	126 Zeigler St., Roxbury, Mass.
Blade, Edward Hubner		VI	San Francisco, Cal.
Blake, Kenneth Bradley		III	136 Billings St., Atlantic, Mass.
Block, Leroy Reade, ATA		IV Sp.	258 Smith St., Freeport, L.I.
Boardman, Walter Palmer, A.B.		II Sp.	230 E. King St., Lancaster, Pa.
Bogdasarian, Suren		IV	37 Hopedale St., Allston, Mass.
Bommer, Fred William	. 1912	XI	225 Spencer Ave., Chelsea, Mass.
Bonebrake, Benjamin Snively, Θ Z	. 1911	VI Sp.	1508 Eutaw Pl., Baltimore, Md.
Bonney, Robert Daland	1913	III	35 Central St., Wakefield, Mass.
Boozer, Tench Quitman, B.S.		II Sp.	Newberry, S.C.
Borovoy, Samuel		I Sp.	193 Humboldt Ave., Roxbury, Mass.
Bottomley, William Allen		II Sp.	Collinsville, Mass.
Bounetheau, Harold Du Pre, S.B.		IV	Jacksonville, Fla.
Bowen, Norman Levi, M.A.	Grad.	XII	242 Brock St., Kingston, Ontario,
The state of the s			Can.
Bowers, George Winthrop	1910	I	359 Westford St., Lowell, Mass.
Bowers, Ralph Henry	. 1911	VI Sp.	832 Columbia Rd., Dorchester,
			Mass.
Bowman, John Roswell	1911	XI	Billerica, Mass.
Bowman, Lee	. 1913	IV Sp.	3236 Diamond St., Philadelphia, Pa.
Boyle, William, B.S.	1912	II Sp.	Newburyport, Mass.
Brackett, Harold Hasty	1912	VI	3 Arlington St., So. Framingham,
			Mass.
Bramhall, Percy Maynard	1911	VI	84 Tenth St., Lowell, Mass.
Braude, Harry	. 1913	X	279 Main St., Charlestown, Mass.
Brauer, Frank Joseph Leo	1913	III Sp.	72 Wilbur St., Everett, Mass.
Bray, John Leighton	1912	III	15 Rutland Sq., Boston, Mass.
Breck, Samuel, Jr., & BE	1913	XI	171 Bellevue St., Boston, Mass.
Brett, Clarence William	. 1913	I	1980 Wash. St., N. Abington, Mass.
Brewer, Allen Frank	. 1913	III	Orange Heights Ave., W. Orange,
The second secon			N.J.
Brewster, Ellis Wethrell		I	1 Carver St., Plymouth, Mass.
Breyer, Robert Samuel, A T Ω		III	707 Webster Ave., Houston, Tex.
Bridge, Edward Melville		IV	86 Brown St., Methuen, Mass.
Briggs, Chester Jackson, B O II	. 1910	III	567 Watertown St., Newtonville,
			Mass.
Briggs, Leroy Edmund		II	129 Waverly St., Providence, R.I.
Brooks, Nathaniel Emil		II	187 Kenrick Park, Newton, Mass.
Brown, Arthur Lawrence		П	Rye Beach, N.H.
Brown, Charles William	. 1913	XIV	428 Columbia Rd., Dorchester,
	-	**	Mass.
Brown, Dallas, Jr	. 1910	II	184 Rockland St., New Bedford,
			Mass.
Brown, Earl Russell		III	1 St. James Ave., Holyoke, Mass.
Brown, Edmund Guilford		III Sp.	120 Spring St., Medford, Mass.
Brown, George Arthur	. 1911	X	71 Keeley St., Haverhill, Mass.

Name	Year	Course	Home Address
Brown, Harold Chester, O X	1911	II	104 Geneva Ave., Dorchester, Mass.
Brown, Karl Hamlin	1912	VIII Sp.	6 Patten St., Watertown, Mass.
Brown, Perly Kimball, X Φ	1911	XI	290 Myrtle St., Manchester, N.H.
Brown, Walter Emerson	1913	XI	13 Atlantic Ave., Beverly, Mass.
Brownell, Walter Keith	1910	I	62 Pleasant St., Brookline, Mass.
Brownlee, Malcolm Bruce, $\Delta \Psi$	1912	III Sp.	312 Eighth Ave., Spokane, Wash.
Brownlee, Robert Bruce	1912	II Sp.	Youngstown, Ohio.
Bruner, Harold Gibboney	1913	X	29 Dunreath St., Roxbury, Mass.
Brush, Reuben Warner	1910 1913	VI Sp.	Cambridge, Vt. 61 Clark Rd., Brookline, Mass.
Bryant, William Allen Burleigh, William Storer	1910	II Sp.	107 W. Central St., Natick, Mass.
Burnes, George Robert	1913	I Sp.	86 Washington Ave., Chelsea, Mass.
Burnett, Robert Field, OX	1910	III	69 Eleanor St., Chelsea, Mass.
Burnham, Henry Gray	1913	XI	1436 Cambridge St., Cambridge,
			Mass.
Burnham, Paul Edwin	1911	I	40 Victoria St., Lowell, Mass.
Burnham, Philip Weeks	1910	IV	249 Bacon St., Waltham, Mass.
Burr, Henry Amsden	1913	I	33 Union Ave., So. Framingham,
P W. W. Y.		277 (7	Mass.
Burt, Philip Vannevar	1913	VI Sp.	Messenger St., Canton, Mass.
Busby, Frederick Henry Bylund, Walter Robert, Σ A E	1912	VI	368 Shawmut Ave., Boston, Mass.
Byron, Walter H., B.S., Σ X	1913 1910	II Sp. X Sp.	155 Derby Ave., Derby, Conn. Williamsport, Md.
Byron, Walter H., D.S., 2 A	1910	a op.	wimamsport, Mu.
Cadenas, Jose Manuel	1913	I	Mercaderes 10, Habana, Cuba.
Cady, Herbert Barney	1913	XIII	90 Dover St., Lowell, Mass.
Cahill, George Albert, Jr., K O	1913	III Sp.	14 Newbern St., Jamaica Pl., Mass.
Caigan, Israel	1912	II Sp.	250 Chambers St., Boston, Mass.
Cairns, Claude Francis, $\Phi \Gamma \Delta$	1913	XIV	171 Townsend St., Roxbury, Mass. Lookout Mt., Tenn.
Caldwell, Frank Walker, Φ B E Caldwell, Philip Lord, K Θ	1911	I	101 Gainsboro St., Boston, Mass.
Caldwell, Winthrop Earle	1913	x	41 Marlboro St., Newburyport,
Caldren, Trintinop Lance	17.55	77	Mass.
Callahan, Thomas Hill	1913	X	12 Lexington St., S. Framingham,
			Mass.
Calvin, Herbert Howard, Φ Σ K	1912	VI Sp.	2135 Sacramento St., San Francisco,
the second of the second		100	Cal.
Cameron, Edward Hugh	1913	I	83 Flint St., Somerville, Mass.
Campbell, James Kenneth, K O	1911	I	Esmont, Va.
Capen, George Philip	1913	X Sp.	Canton Junction, Mass.
Carey, Charles Donald, A.B.	1910 1913	VI	Stroudsburg, Monroe Co., Pa. 40 Saville Ave., Quincy, Mass.
Carlson, Hilding Nathaniel Carpenter, Arthur Whiting	1913	X	29 Genesee St., Wellsville, N.Y.
Carpenter, Charles Hamlin, K O	1912	II	29 Richardson St., Newton, Mass.
Carpenter, Kenneth Earle	Grad.	IV	287 Pawtucket Ave., Pawtucket.
compensati accument among the control of the		- 100	R.I.
Cartwright, Kenneth, Φ K Σ	1912	II	24 Park St., Wakefield, Mass.
Castelhun, Frederic Karl, O X	1910	VI	51 High St., Newburyport, Mass.
Catching, Harry Hardin, K O	1911	I	London, Ky.
Cather, Jay Howard, A.B.	1912	IV Sp.	1525 H. St., Lincoln, Neb.
Catton, Richard Belmont, Φ B E	1913	VI	P.O. Box 324, Honolulu, Hawaii.
Chadwick, James Barton	1913	II	119 Plympton St., Waltham, Mass.

Name	Year	Course	Home Address
		II Sp.	603 N. Main St., Washington, Pa.
Chamberlin, Olin Vivian, Φ K Σ		I Sp.	573 Prospect Ave., Buffalo, N.Y.
Chambers, George James		I Sp.	3 Front St., Maynard, Mass.
Champagne, Arthur Rich	200	IV Sp.	Maynard, Mass.
Champlin, Silas Henry		XIV.	East Longmeadow, Mass.
Chandler, Leroy Wilder		VI	48 Nelson St., Leominster, Mass.
Chapin, Maurice Scott, θ Δ X		XIII	127 School St., Springfield, Mass.
Chapman, Lawrence Boylston		XIII	Sachem Terrace, Norwich, Conn.
Chase, Orliff van Heik, B.A., Δ T Δ		IV	Catskill, N.Y.
Chen, Sidney Ying	1912	XIII	Shanghai, China.
Chinchilla, Pelayo Kirkpatrick		I Sp.	Casilla 1182, Valparaiso, Chile.
Chow, Chushen	1910	X	Tsikahkoh, via Shanghai, China.
Christiansen, Eugene Olaf	1910	I	34 Woodlawn St., Forest Hills,
	100000	0.00	Mass.
Christie, Madison Walter	1912	I Sp.	24 Greenville St., Somerville, Mass.
Cilley, Jay Wesley	1911	VI	South Newbury, N.H.
Clapp, Charles Horace, S.B.		XII	18 Atlantic St., S. Boston, Mass.
Clapp, Dudley		X Sp.	52 Hartford St., Dorchester, Mass.
Clark, Charles Cameron		IV Sp.	141 Sargent St., Holyoke, Mass.
Clark, Eldon Saunders		I	11 Montague St., Dorchester, Mass.
Clark, George Hall		II Sp.	South Paris, Me.
Clark, Norman	1913	X	312 W. 54th St., New York, N.Y.
Clark, Oberlin Shurtleff		II	30 Sydney St., Dorchester, Mass.
Clavell, Antonio Cepiro		V Sp.	Ponce, Porto Rico.
Cleverdon, Herbert Squires, Δ T Δ		IV	2207 Andrews Ave., New York, N.Y.
Clough, Harrison Linwood, B.S.		VIC	44 Fern St., Auburn, Me.
Cobb, Frank Lewis	1910	VI Sp.	56 Mt. Everett St., Dorchester, Mass.
Coburn, William Haskins, Φ K Σ	1911	I & XI	Jefferson, Me.
Codding, Henry White		VI	415 Pearl St., Brockton, Mass.
Coffin, Mitchell		II Sp.	30 Remsen St., Brooklyn, N.Y.
Cogan, Paul Vincent	1913	II Sp.	139 P St., South Boston, Mass.
Cohen, Joseph Horace		X	113 Leverett St., Boston, Mass.
Cohen, Samson Kalmon		I	1 Elbert St., Roxbury, Mass.
Cole, John Foster	1910	VI Sp.	456 Broadway, So. Boston, Mass.
Colebrook, Maus Winegar	1911	V Sp.	45 Lake View Park, Rochester, N.Y.
Coleman, Arthur Moxham, A &	1911	VI Sp.	1412 St. James Ct., Louisville, Ky.
Coleman, Edward Francis, A.B	1912	I	154 Whitfield St., Dorchester, Mass.
Collins, Thomas Richard	1913	X	72 Clinton St., Everett, Mass.
Collins, William Leo	1912	XI	Medway, Mass.
Comstock, Marshall Ernest, Φ Σ K		VI	75 Wyman St., W. Medford, Mass.
Comstock, Rock Livingston, Δ K E		X	Wellsville, N.Y.
Conant, Albert Day		II Sp.	237 Maple St., Danvers, Mass.
Conlon, Daniel Frederick, A T A		III	482 Lowell St., Lawrence, Mass.
Connolly, John William		VI	47 Seventh St., Cambridge, Mass.
Conner, George Cartnell	1910	VIII	P.O. Box 192, Truro, N.S.
Constable, John Pierrepont, ΔΨ	1912	XIII Sp.	8 Cottage Pl., Utica, N.Y.
Cook, Alton Mace		VI	Hyannis, Mass. 28 Powellton Rd., Dorchester, Mass.
Cook, Hardy Merrill		VI	
Cook, James Arthur	1912	XIII Sp.	29 Warren St., Peabody, Mass. Whitman, Mass.
Cooke, Francis Gray	1911	XIII Sp.	26 Stetson St., Brookline, Mass.
Cooper, Lester William	1912	vi	56 Bartlett St., Malden, Mass.
Cooper, tester william	20.69	7.4	or reminent their manners, manners

Name	Year	Course	Home Address
			1827 Grand Ave., Milwaukee, Wis.
Copeland, Stuart Brown, Δ T Δ	1912	II Sp.	
Coplan, Michael Abram	1910	I	97 Hampden St., Roxbury, Mass.
Corbett, Edwin Ellsworth, Λ Φ	1913	X	121 Midwood St., Brooklyn, N.Y.
Cornell, Samuel Hoag, X 4	1911	XIII	67 W. 83d St., New York, N.Y.
Cotton, Evan Bruce	1912	II	Arundel Apts., Baltimore, Md.
Coulson, Herbert	1912	VI	287 Huron Ave., Cambridge, Mass.
Courtney, Bernard Freeman	1911	V	32 Delle Ave., Hyde Park, Mass.
Covill, Frederick William	1912	II Sp.	61 Montview St., West Roxbury,
William Tooks State -	GULL	***	Mass.
Cowee, George Alvin, A T	1911	III	41 Edgell St., Gardner, Mass.
Cox, Robert Sayre, $\Delta \Psi$	1912	III	Terre Haute, Ind.
Crane, Rufus, A.B.	1911	I Sp.	North Hanover, Mass.
Crawford, Chauncey Augustus	1913	X	Kent, Litchfield Co., Conn.
Cremer, Randall, Y X	1912	I	112 C St., S.E., Washington, D.C.
Crichton, Hiram Neil, Φ K Σ	1910	III	Odebolt, Ia.
Crocker, Harold Simpson	1913	III	161 Highland St., Brockton, Mass.
Crocker, Samuel Sturgis, Jr	1913	XIII	15 Elmwood St., Newton, Mass.
Crocker, Zenas, Jr.	1913	IV Sp.	Marstons Mills, Mass.
Crommett, Orrin James, Θ X	1910	II Sp.	115 Orange St., Chelsea, Mass.
Cromwell, Benjamin Coffin, K θ	1913	III	Vineyard Haven, Mass.
Cross, Richard Blodgett, ΦΣ K	1913	VI	Concord, Mass.
Crossley, Frederick Turner	1910	VI	1412 Broad St., Providence, R.I.
Crost, William Sol	1912	VI Sp.	126 Berkeley St., Boston, Mass.
Cumings, George Bradley	1911	VI Sp.	6 Elmwood Ave., Winchester, Mass.
Cummings, Harold Neff, A.B.	1910	I	21 Western Prom., Auburn, Me.
Cummings, Herbert Wiley, B.S.	1910	V Sp.	
Cummings, Lawrence Theodore	1912	VI	Winchendon, Mass.
Cunningham, Raymond John	1912	I Sp.	
No. of the Control of			Mass.
Currier, Howard Slocum, ΦΣ K	1913	II	228 Commonwealth Ave., Detroit,
			Mich.
Curtin, George Abbott	1913	IV	39 Charles Ave., Auburndale, Mass.
Curtis, Arthur Harrison	1911	I Sp.	72 Centennial Ave., Revere, Mass.
Curtis, Francis Shaw	1913	VII	399 Hammond St., Chestnut Hill,
		1 1000000	Mass.
Curtis, Frank Henry	1911	III Sp.	
Cushing, Allston Tattrie, B.S	1910	I Sp.	
			Box 44.
Cushing, Burton Lane	1913		213 Howard St., Rockland, Mass.
Cushing, Richard Watson	1911	VI	Cohasset, Mass.
Cushman, Lester Dame	1911	IV Sp.	30 College Ave., Medford.
Cushman, Paul Allerton	1911	VI	20 St. James Ave., Boston, Mass.
Cyr, Philip Joseph, B.S.	Grad.	I	Fowler, Ind.
		100	2210222000022000
Daggett, Robert Gurney	1913		North Tisbury, Mass.
Dalrymple, Philip White, Φ B E	1912		11 Walnut St., Boston, Mass.
Daniels, Fred Harold, Jr., Ph.B., Φ Γ Δ.	1911	VI	214 Salisbury St., Worcester, Mass.
Danser, Harold Wesley, K O	1912		
Darling, George Shove	1913	The second of the Park	59 Highland Pl., Fall River, Mass.
Darrow, Burgess	1911	VI Sp.	
and the first first the same of the same o		4.444	Mass.
Davies, Arnold Chaplin	1911	XIV	Georgetown, Mass.

Name	Year	Course	Home Address
Davis, Albion	1913	I	31 R. F. D. Lexington St., Wal-
AND THE WAY I	100000	**	tham, Mass.
Davis, Albion Richmond	1912	II	9 Butler St., Dorchester, Mass.
Davis, Ernest Walter	1911	VI Sp.	19 Raymond St., Everett, Mass.
Davis, Harold Beukma	1912	III	Lancaster, N.Y.
Davis, Harold Martin	1911	I	28 Auckland St., Dorchester, Mass.
Davis, Henry Clarence, Jr., X Φ	1911	VI	Fort Washington, Md.
Davis, Stanley Hart	1913	VI	1 Arthur Pl., Hartford, Conn.
Davis, Tenney Lombard	1913	V Sp.	50 Mt. Vernon St., Somerville,
	1000		Mass.
Davis, Walter Swindell	1910	IV	802 N, Carrollton Ave., Baltimore, Md.
d'Autremont, Charles Maurice	1912	III Sp.	1401 East 1st St., Duluth, Minn.
d'Autremont, Louis Paul	1910	III Sp.	1401 East 1st St., Duluth, Minn.
de Coen, Emile George, Jr.	1913	I Sp.	30 Clarkson St., Dorchester, Mass.
de Florez, Louis, ΔΨ	1912	II Sp.	19 W. 32d St., New York, N.Y.
de Forest, Alfred Victor	1911	XIII	7 E. 10th St., New York, N.Y.
de Landa, Carlos	1911	IV Sp.	4a Mapoles 60, Mexico City, Mex.
de la Torre, Miguel	1913	II Sp.	237 Sn Christobal St., Guadalajara,
			Mex.
Dempsey, George Ambrose	1913	X Sp.	3 Atherton St., Natick, Mass.
Denison, Orville Boardman, K O	1911	VI	26 Pearl St., S. Framingham, Mass.
Denkinger, George Marshall	1913	II Sp.	
Dennett, Kingsley Winsor	1911	II	166 Bellevue St., West Roxbury,
Dennetty Amagorey Transcript			Mass.
Dennett, Minot Savage, Φ K Σ	1912	II Sp.	27 St. Stephen St., Boston, Mass.
Denton, William Byers, Ph.B., Σ X	1911	VI	1724 Gaylord St., Denver, Col.
de Romana, Albert	1910	VI Sp.	Arequipa, Peru, S.A.
Desloge, Joseph, A.B.	1912	VI Sp.	The Washington, St. Louis, Mo.
Desloge, Marcel, A.B.	1912	IV Sp.	3847 W. Pine St., St. Louis, Mo.
de Varona, Francisco Javier, Jr	1913	I Sp.	Central Lugareno, Camaguey, Cuba.
Devine, James Henry	1913	II Sp.	Needham, Mass.
Dewey, Frederick Archibald	1910	II	Huntington, Long Island.
DeWitt, Ernest William	1911	II Sp.	Osterville, Mass.
Dexter, Harris Edward	1912	VI	1794 Columbia Rd., So. Boston,
CONTRACTOR OF THE REAL PROPERTY OF THE REAL PROPERTY OF THE REAL PROPERTY OF THE PROPERTY OF T			Mass.
Dey, Kinsley Van Rensselaer, X Φ	1913	I Sp.	32 Weston Rd., Wellesley, Mass.
Diaz, Juan Garcia	1911	II	10 Coto St., Ponce, P.R.
Diehl, John Christopher, B.S.	1910	I	New Oxford, Pa.
Dierks, Frederick Henry, A T Q	1912	II Sp.	
		2000	Mo.
Dillon, Robert Emmett	1910	II	Belchertown, Mass.
Doane, Ralph Harrington, X 4	1912	IV	101 S. 10th St., Newark, N.J.
Dobbyn, Edward Thomas	1913	VI Sp.	70 Pearl St., Charlestown, Mass.
Doble, Charles French, ΔΨ	1910	II Sp.	24 South St., Quincy, Mass.
Doble, Ralph Nelson, AT	1912	II	24 South St., Quincy, Mass.
Dodge, Robert Lincoln	1910	VI	Wenham, Mass.
Dodge, Charles Ernest, K θ	1912	I	Manchester, Mass.
Doerr, William Philip, B.S.	1910	IV Sp.	4920 Champlain Ave., Chicago, Ill.
Dolke, Frank Clinton	1912	XIII Sp.	Garrison Hall, Boston, Mass.
Dolliver, Henry Francis	1911	I	21 Farewell St., Newport, R.I.
Donaldson, Joseph Lyter	1913	II Sp.	
Dornberger, Herbert Schumann, A.B.	1910	1	207 Craig St., Pittsburg, Pa.

Name	Year	Course	Home Address
Dow, Leander Allen, A T Ω	1910	IV	1705 Tenth Ave., Spokane, Wash.
Downing, Lester Locke	1912	II	30 Bowdoin St., Cambridge, Mass.
Downs, Loren Noxen, Jr.	1910	VI	33 Clarendon St., Boston, Mass.
Dows, Chester Lawrence	1911	VI	339 Walker St., Lowell, Mass.
Dowst, Henry, 3d	1913	Î	322 Orange St., Manchester. N.H.
Drake, Whitford	1911	XIIIA	213 Bacon St., Waltham, Mass.
Dray, Walter Remy, B. A., Ψ Υ	1910	II	Chicago, Ill.
Drew, William Noel, θ X	1910	X Sp.	201 Magnolia St., Roxbury, Mass.
Drummey, John Louis	1913	I Sp.	3 Pine Ter., Hyde Park, Mass.
Duell, Garth Homer	1912	III Sp.	27 Howe St., Somerville, Mass.
Duffett, Norman, AKE	1911	X	1134 Lake Ave., Rochester, N.Y.
Duffield, William Howard, ΣΑΕ	1912	II Sp.	161 Aberdeen Ave., Hamilton, Ont.
Duffy, Charles Daniels	1913	XI Sp.	North Bellingham, Mass.
Duffy, James Francis	1911	VI	8 Mather St., Dorchester, Mass.
Duke, Leslie Burton, K θ	1912	III	147 Harrishof St., Roxbury, Mass.
Dunbar, Arthur Richards, B.A.	1910	V	West Bridgewater, Mass.
Dunbar, Ruth, A.B.	1911	VII Sp.	43 Centre St., Brookline, Mass.
Dunkel, Charles Alexander	1910	H Sp.	14 Cohasset St., Roslindale, Mass.
Dunlap, Chester Dwight	1910	V Sp.	40 Summer St., Everett, Mass.
Dunlap, Joseph Howard, A.B.	1911	II	38 W. Prospect Ave., Washington,
			Pa.
Duyser, Cornelius Anthony	1912	XI	101 Wallius St., Winsted, Conn.
Dyer, Sterling Burton	1911	II Sp.	Cape Elizabeth, Me., Box 109.
Posteron Author Cileren	1913	П	Townsend, Mass.
Eastman, Arthur Gilman	1913	XIV	Wenham, Mass.
Eaton, Frederick Widmur Echeverria, Carlos Porfirio	1912	II Sp.	Olmedo 3, Mexico City, Mex.
Edgar, Arthur, A.C., M.S.	Grad.	V V	Ashley, Pa.
Edgerton, Gurdon Irving, Φ Γ Δ	1912	IV	3 Whittier St., No. Cambridge,
Edgerton, Outdon Itving, * * =	AULA		Mass.
Edison, Charles, ΔΨ	1913	II	Llewellyn Park, Orange, N.J.
Edwards, Charles, Jr., Φ B E	1912	XIII Sp.	331 Park Ave., Paterson, N.J.
Eicher, Archibald, Σ A E	1912	XI	415 W. Pittsburg St., Greensburg,
Company of the second s			Pa.
Eichorn, William Newsome	1913	III	11 Newsome Park, Jamaica Plain,
			Mass.
Eisenberg, Adolph Martin	1912	VII Sp.	80 Green St., Boston, Mass.
Eksergian, Rupen	1912	I Sp.	9 Madison St., Somerville, Mass.
Eleock, Raymond Ogle	1913	VI Sp.	722 Columbia Rd., Dorchester,
			Mass.
Elder, Gordon Wyman	1911	V Sp.	52 Maple St., Malden, Mass.
Eldred, Calvin Powell	1911	VI Sp.	105 18th St., Lowell, Mass.
Eil, Carl Stephen, A.B.	1911	XI Sp.	Staunton, Ind.
Ellis, James Hawes	1912	VIII	418 Wallace Ave., Covington, Ky.
Elwell, Halsey, A K E	1913	II Sp.	602 Main St., So. Weymouth, Mass.
Emerson, Ralph Martindale	1913	VI Sp.	2325 Madison Ave., Ogden, Utah.
Emmel, Rudolph	1911	III	47 Walk Hill St., Jamaica Plain,
-200 2 32	2000	520	Mass.
Estes, George Henry	1911	H	18 Laurel Ave., Auburn, Me.
Etheridge, William Swan	1912	I Sp.	5009 Washington Ave., Chicago, Ill.
Evans, Frederick James	1912	XI	7 Grafton St., Dorchester, Mass.
Everett, William Dexter	1910	III	8 Allston St., Dorchester, Mass.
Eynon, Stuart, θΔ X	1913	VI	40 Auburn St., Brookline, Mass.

Name	Year	Course	Home Address
	35,250		
Fabens, Andrew Lawrie, A.B., X 4	1910	II	Williamstown, Mass.
Fairchild, Robert Hill	1913	VI Sp.	41 Maple St., Stoneham, Mass.
Fales, Dean Abner, & K E	1913	II	145 Highland St., W. Newton, Mass.
Fales, Elisha Noel, A.B., Φ B E	1911	II	Lake Forest, Ill.
Fales, Helen Lillian	1910	V	5 Beech St., S. Framingham, Mass.
Fallon, Christopher, Φ B E	1912	III Sp.	Wayne, Pa.
Fallon, Charles Gerard	1913	III	31 Burroughs St., Jamaica Plain,
			Mass.
Farwell, John Bent, Θ Δ X	1913	H Sp.	Natick, Mass.
Farwell, Joseph Willard	1912	XI	Canton, Mass., R. F. D.
Faunce, Kenneth Winslow, Φ K Σ	1911	VI	119 Bellevue St., W. Roxbury, Mass.
Fay, Horace Byron, A.B., Φ Γ Δ	1912	X Sp.	2067 E. 105th St., Cleveland, Ohio.
Fenner, Bertram Search	1912	IV Sp.	West Henrietta, N.Y.
Ferguson, Harry, A X P	1912	XI	34 Crandall St., Adams, Mass.
Fernandez, Francisco, A.B.	1912	VI Sp.	Asuncion, Paraguay, S.A.
Fernandez, Richard Osborne	1910	X	33 Robinson St., Somerville, Mass.
Fernstrom, Karl Dickson, Θ Δ X	1910	XIII Sp.	Bluehill, Me.
Ferris, Livingston Polk	1910	VI	Lamourie P.O., La.
Ferry, Earl Emerson	1912	VI	84 Elizabeth St., Pittsfield, Mass.
Ferry, Ralph Montague	1912	II	84 Elizabeth St., Pittsfield, Mass.
Fessenden, Howard Pike	1913	I	34 Pelham St., Newton Centre,
- Contracting and American			Mass.
Finley, Everard Thomas	1913	VI Sp.	241 Everett St., Allston, Mass.
Fish, Joseph Pryor	1912	VI	171 Belmont Ave., Brockton, Mass.
Fisher, Thomas Charfield	1912	II	Cotuit, Mass.
Fitzherbert, Leroy George	1912	I Sp.	16 Oxford St., Somerville, Mass.
Fitzwater, John Moxcey	1910	1	213 Sheppard St., Penn Yan, N.Y.
Flander, William Niles, C.E., K O	1911	I	211 Haverhill St., Lawrence, Mass.
Flansburg, Percy Le Roy	1912	VI	121 Elm St., Albany, N.Y.
Flett Louis Ernest	1912	1	154 Youle St., Melrose, Mass.
Flickinger, Harrison William, E X	1910	II	527 West 7th St., Erie, Pa.
Foley, Henry Michael	1912	VI	Palmer, Mass.
Foley, John Francis	1913	VI Sp.	80 Park St., Palmer, Mass.
Foley, Peter Leo	1910	IV Sp.	35 Calumet St., Roxbury, Mass.
Follansbee, Everett Merrill Hatch	1910	X Sp.	20 Summit Pl., Newburyport, Mass.
Font Manuel Φ Σ K	1912	I Sp.	San Juan, Porto Rico.
Font, Manuel, Φ Σ K Foote, Arthur John	1910	1	564 Elm St., Pittsfield, Mass.
Forrester, George Wylie	1912	X	25 Prospect St., Clinton, Mass.
Forrester, George Wylie Foster, Raymond Celdon, Θ X Foster, William Dewey, Φ K Σ	1912	III Sp.	
Foster, William Dewey, Φ K Σ	1911	IV	68 Byers St., Springfield, Mass.
Fowler, Berenice Amanda, A.B., A.M.	1913	V Sp.	308 Newbury St., Boston, Mass.
Fowler, Herbert Ernest, B.S.	1910	IV Sp.	Ridgeway Ave., Rochester, N.Y.
Fox. Harold Robert Leslie, Λ Φ	1912	III	Halse Hall, May Pen, Jamaica,
			W.I.
Fox, Rudolph Herzer, 2 X	1912	II	54 Oak St., Hartford, Conn.
Francis, Stafford Allen, A T	1911	IV Sp.	
Frank, Arthur William, K A (Southern)	1912	XIIIA	207 S. Broad St., Mobile, Ala.
Franzheim, Henry Kenneth, Φ Γ Δ	1913	IV Sp.	Echo Point, Wheeling, W. Va.
Fraser, Paul Gillivray	1912	I	64 W. Newton St., Boston, Mass.
Frazier, Donald Nichols	1911	II Sp.	
Fredriksen, Norman	1912	X Sp.	37 Boardman St., Newburyport,
A SAME AND ADDRESS OF THE PARTY			Mass.
Freedman, Abram James	1912	XI	487 N. Warren Ave., Brockton,
THE SAME AND ADDRESS OF THE SAME AND ADDRESS OF THE SAME			Mass.

Name	Year	Course	Home Address
Processon John Compton A P	1912	VI	
Freeman, John Compton, A.B.		II	Arcola, Va.
Freeman, Roger Morse, A K E	1913		235 Arlington Ave., Providence, R.I.
French, Donald Adams	1910	IV Sp.	172 Fairmount Ave., Hyde Park,
Parish James Natharda)	1011	TVC	Mass.
French, Joseph Nathaniel	1911	IV Sp.	Beech St., Waverley, Mass.
French, Louis Osborne, A T A	1910	II	1216 Grand Ave., Milwaukee, Wis.
Frigon, Augustus, C.E.	1911	VI Sp.	284a Carriere St., Montreal, Can.
Frisbie, Henry Charles, B.S., Δ T Δ	1911	I Sp.	6514 Kimbark Ave., Chicago, Ill.
Fryer, Herbert	1911	VI	28 Washington St., Stoneham,
Fuller, Constance, A.B.	1912	IV C.	Mass.
Fuller, Constance, A.D		IV Sp.	80 Court St., Exeter, N.H.
Fuller, George Fuller, Joseph Cheever, Δ K E	1911	I Sp.	85 Adams St., Rochester, N.Y.
Fuller, Joseph Cheever, A K E	1911	II	22 Shaw St., W. Newton, Mass.
Fulton, Margaret Alexina	1911	IV Sp.	1700 Dela Vina St., Santa Barbara,
Funls Coal Augustus	1010	TV	Cal.
Funk, Carl Augustus	1912	IV	31 Station St., Brookline, Mass.
C-1-11 Ch-1 T	1010	32	204 311 444 4 04 32 31 31 31 31
Gabriel, Charles Lester	1912	X	204 W. 141st St., New York, N.Y.
Gage, Elliot Howes, Φ K Σ	1913	XI	101 Anawan Ave., W. Roxbury,
70 P. I.B. I. I.		**	Mass.
Gagnon, Earl Esterbrooks	1913	II	167½ Merrimac St., Newburyport.
Gaillard, David Saint Pierre, X Φ	1911	VI	Culebra, Canal Zone.
Gale, Albert Garland, A T Ω	1912	I	Gloucester, Mass.
Gans, Robert Stein	1913	III Sp.	401 West End Ave., New York,
C. A. All AT	****	**	N.Y.
Gardner, Albert Lester	1911	II	4 Pond St., So. Weymouth, Mass.
Garza, Juan	1912	II Sp.	Monterey, Mex.
Gasche, Karl Wise, Ph.B.	1910	X	Dresden, Ohio.
Gay, Arthur Taro	1911	IV Sp.	Kamakura, Japan.
Geary, Leslie Edward, Φ Δ Θ	1910	XIII	1960 West 9th St., Seattle, Wash.
Gegenheimer, Ralph Edwin	1910	V	243 Bruce St., Lawrence, Mass.
Gentner, Warren Albert	1913	XI	26 Hopkins St., Hartford, Conn.
George, Gardner Clifford	1911	I	697 Salem St., S. Groveland, Mass.
Gere, Ward Nelson, θ Δ X	1912	VI Sp.	
George, Ralph Moore, B.S.	1910	VI	146 Kennedy St., Bradford, Pa.
Gerity, Heath Scott	1910	IV Sp.	1440 Marion St., Denver, Col.
Germain, Edward Bennett	1913	II Sp.	
Gershberg, Joseph	1911	VI	Baku, Russia.
Gibbs, Daniel Wilson	1910	IV	22 Summer St., Waltham, Mass.
Gibson, Algernon Tuttle, A Δ Φ	1913	III	26 Myrtle St., Jamaica Pl., Mass.
Giles, Donald McFarlan	1911	III Sp.	Amsterdam, N.Y.
Gillis, Ridgway Mills, A.B.	1910	I	Walla Walla, Wash.
Gilmore, William Smith	1913	IV Sp.	Villa Emilia, LaLastra, Trespiano, Florence, Italy.
Glancy, Warren Eugene	1913	X	53 Cushing St., Waltham, Mass.
	Grad.	IV	12 Lincoln St., Hudson, Mass.
Glidden, Henry Orange	1913	ÎV	14A Sacramento St., Cambridge,
	RETRIE	1	Mass.
Glidden, William Roy	1912	1	8 Electric Ave., W. Somerville,
	MARKEY.	150	Mass.
Godley, Frederick Augustus, B.A.	1910	IV	101 West 80th St., New York, N.Y.
Goff, James Collord, AT	1913		Grafton, Mass.
Goicoechea, Luciano	1911		Apartado 475, Havana, Cuba.
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Name	Year	Course	Home Address
Golden, Louis Robert	1912	VI Sp.	11 Wolcott St., Dorchester, Mass.
Gonzalez, Luis Ramon		XIV Sp.	Stop 421/2 Santurce, Porto Rico.
Goodnow, Albert Clarke, θ Δ X	1912	X Sp.	537 Genesee St., Waukegan, Ill.
Goodrich, Charles Foster	1912	П	38 Clarendon St., Malden, Mass.
Goodspeed, George Edward, Jr.		III	27 Conway St., Roslindale, Mass.
Goodwin, Edwin Weeks		VI Sp.	South Berwick, Me.
Goodwin, Leslie Hall		III Sp.	3 Barstow St., Allston, Mass.
Goodwin, Richard Frederic, A T \(\Omega \)	1910	III Sp.	26 Newbury St., Boston, Mass.
Cothernoon Charles Women	1019		
Gotherman, Charles Warren		VI Sp.	1348 Burdette St., Cincinnati, Ohio.
Goto, Kanezo	1911	II Sp.	Suikosha, Tukiji, Tokyo, Japan. 17 Clarendon Rd., Seacombe, Liver-
Gott, Herbert Sidney	1911	VI Sp.	
C-II All All Adams & P.P.	. 1910	VI	pool, England.
Gould, Allen Adams, Φ B E			Newton Upper Falls, Mass.
Gould, Richard Hartshorn, Φ B E	. 1911	XI Sp.	1206 Boylston St., Newton Upper
Construction A.D.	1011	TV	Falls, Mass.
Grandgent, Louis, A.B.	. 1911	IV	107 Walker St., Cambridge, Mass.
Grant, James Allen, C.E.	Grad.	XI	Windom, Minn.
Grant, John Seely	1912	I Sp.	41 Glendale St., Boston, Mass.
Gravely, Julian Stuart, B.A., Φ K Ψ		V Sp.	Wytheville, Va.
Gray, John Matthew	. 1910	IV Sp.	Turner St., Salem, Mass.
Greely, Adolphus Washington, △ Ψ		VI	78 High St., Newburyport, Mass.
Greely, Leslie William		I	Muncie, Ind.
Green, Charles Edward	. 1910	II	42 Parkman St., Dorchester, Mass.
Greenan, James Owen, A.B., Θ Δ X	. 1911	III Sp.	78 Huntington Ave., Boston, Mass.
Greene, Elbert Daniel, A T Ω		VI	5 Pitkin Place, Pueblo, Col.
Greenleaf, Cuthbert Tibbetts		II	11 South St., Woburn, Mass.
Greenleaf, Harold, Δ T Δ		I Sp.	Savanna, Ill.
Greenleaf, Kenneth, Δ T Δ		VI Sp.	Savanna, Ill.
Griffin, Harold Hopkinson		II	130 Temple St., W. Newton, Mass.
Griswold, Horace Seth, C.E.		VII Sp.	
Grossmann, Marcus Aurelius		III	235 Custer Ave., Youngstown, Ohio.
Guilford, Edward Higley		VI Sp.	Winchester, Mass.
Gustin, Lester Carlisle	. 1913	I	27 Columbus Ave, Somerville, Mass.
Hadd Carres Askillas A D	. 1910	I	Baffra, Turkey in Asia.
Hadji Savva, Achilles, A.B.	1911	II	
Hague, Alfred, Φ K Σ	1011	II	52 East 66th St., New York, N.Y.
Haines, Thomas Henry	1911	11	Peabody Sq., Dorchester Centre,
Hales Jasa Familia	1010	1	Mass.
Hakes, Jesse Franklin		ıi	Westerly, R.I.
Hale, Henry Appleton, Jr.	1910	II	24 Winter St., Salem, Mass.
Haley, Ralph Jandt, A.B.		II	2822 Jackson St., Sioux City, Ia.
Hall, Edward Russell			1 Davis St., Wollaston, Mass.
Hall, Herbert William		VI	Winsted, Conn.
Hall, John		XI	Freehold, N.J.
Hall, Morris Frank	. 1913	VI	1120 Acushnet Ave., New Bedford,
TI U N I A . I A	1010	VI	Mass.
Hall, Norwood Appleton		VI	57 Mill St., Revere, Mass.
Halsey, Milo Clinton			Monrovia, Cal.
Hamilton, Kenneth Davis	. 1913	II	31 Hillside Ave., Medford, Mass.
Hamilton, Philip Morse, A T Ω	. 1913		88 Elm St., N. Andover, Mass.
Hammarstrom, Wilhelm Gustav Adolf			Falun, Sweden.
Hammond, Angus Rutland	1912	III Sp.	57 Irving St., Revere, Mass.

Name	Year	Course	, Home Address
Hammond, Anning Smith	1913	VI	168 S. Lincoln St., Denver, Col.
Hannaford, Ralph Herman	1910	IV Sp.	15 Rockville Park, Roxbury, Mass.
Hanson, Hugo Henry	1912	X	1037 Tremont St., Boston, Mass.
Hanson, Ralph Trobridge, A K E	1912	XIII A	2222 Scottwood Ave., Toledo, Ohio.
Harcourt, Guy Nichols, Φ Σ K	1910	I	Wappinger's Falls, N.Y.
Harding, Arthur Leslie	1910	VI Sp.	Medfield, Mass.
Hargrave, John Morris, Z X	1912	VI	4124 Floral Ave., Norwood, Ohio.
Hargraves, William Burton	1910	III	7 Eliot Pl., Jamaica Plain, Mass.
Harkness, Albert, A.B., A Δ Φ	1912	IV Sp.	7 Cooke St., Providence, R.I.
Harlow, Hamilton	1912	IV Sp.	20 Langdon St., Cambridge, Mass.
Harrigan, Louis Jeremiah	1911	XI	20 Rantoul St., Beverly, Mass.
Harrington, Charles Henry	1911	I Sp.	109 Inman St., Cambridge, Mass.
Harrington, Frederick Charles	1911	I Sp.	267 Boylston St., Brookline, Mass.
Harrington, Joseph Francis	1911	VI	Neponset St., Canton Jct., Mass.
Harris, Louis Graham	1913	X	21 Rock Ave., Swampscott, Mass.
Harris, Phillip Thomas, Σ A E	1910	IV Sp.	
Harrison, John Kearsley Mitchell	1910	II	105 South 5th St., Philadelphia, Pa.
Hart, Laurence Collett, Σ A E	1913	I Sp.	
Hart, Philip, Φ B E	1910	II	444 21st St., Portland, Ore.
Hartrord, Ellis Wiswell	1913	VI	Box 25, North Duxbury, Mass.
Hartman, Ira Samuel Hartnett, James Thomas	1910 1912		823 Palmer Pl., Nashville, Tenn.
Hartnett, Leo Augustine	1913	VI Sp.	113 Boston St., Salem, Mass.
Hartshorn, Stanford Harding	1911	X X	54 Creighton St., Roxbury, Mass.
Haslam, Robert Thomas	1911	X	15 Reservoir St., Gardner, Mass.
Hastings, Russell, Φ Γ Δ	1910	VI Sp.	12 Newcomb Pl., Taunton, Mass. Walpole, N.H.
Hathaway, Elmer Leroy	1913	I Sp.	50 Purchase St., Newburyport,
Hathaway, Limit Leroy	1010	*	Mass.
Haub, Hattie Dora Frances, A.B.	1912	V Sp.	638 Wright St., Santa Rosa, Cal.
Hauck, Henry George	1913	XI	22 Armstrong St., Jamaica Plain,
The state of the s			Mass.
Haugaard, William Edward	1910	IV	Chestnut St., Richmond Hill, L.I.
Hausman, Isaac	1911	I Sp.	Marysville, Kan.
Hawes, Henry Gordon, Jr., & B E	1910	II	Santa Barbara, Cal.
Hayes, Frank Anderson, A.B., M.E.	1910	VI	716 Main St., Buffalo, N.Y.
Hayes, Oliver Ray	1913	X	72 Park Rd., Brockton, Mass.
Hayes, Samuel Le Roy, Φ K Σ	1911	V	Thomasville, Ga.
Hayman, Milton Ernest	1911	IV	7 Kilton St., Taunton, Mass.
Haynes, Raymond Bontecou, A T	1913	XI Sp.	1027 Mechanics St., Emporia, Kan.
Hayward, Roy Loring	1911	I Sp.	South Easton, Mass.
Hechinger, Lloyd Arthur	1912	III Sp.	31 Lambert St., Roxbury, Mass.
Hedden, Morris Wilbur	1910	V Sp.	12 West Cedar St., Boston, Mass.
Henderson, Austin Brown	1910	I	65 Dodge St., Beverly, Mass.
Henderson, Stuart Llewellyn	1910	VI	28 Jones Ave., Dorchester, Mass.
Henricksen, Albert Norman	1913	II	63 Havre St., E. Boston, Mass.
Henry, Percy Chandler, A T Ω	1912	II Sp.	Hot Springs, Mass.
Herbert, William Fulton	1913	IV	Clear Lake, Wash.
Herlihy, John Albert	1911	II	53 Howard St., Lynn, Mass.
Herman, Albert Nathaniel, B.S.	1911	I	1181 Third Ave., New York, N.Y.
Hernandez, Manuel Augustin	1913	I	Donato Guerra No. 12, Mexico City,
Harrachoff A Crievald Ask	1010	VIII e.	Mex.
Herreshoff, A. Griswold, $\Delta \Psi$	1912		Bristol, R.I.
Herreshoff, A. Sidney De W	1911	Am sp.	Bristol, R.I.

Name .	Year	Course	Home Address
Herron, William Everhard	1913	II Sp.	82 Central St., Auburndale, Mass.
Hersom, Fred Clement	1913	VI	38 County Road, Chelsea, Mass.
Hield, Clifford Chase, Φ Γ Δ	1910	II	1674 Hennepin Ave., Minneapolis,
			Minn.
Higgins, Alfred Lansing	1913	VI	553 Watertown St., Newtonville,
THE RESIDENCE OF THE PROPERTY OF THE PARTY OF THE PARTY.			Mass.
Hildreth, Arthur Griffin	1912	V Sp.	Westford, Mass.
Hill, Bancroft, Φ K Ψ Hill, Roger Frank, B.S., Σ A E	1911	I	Baltimore, Md.
Hill, Roger Frank, B.S., YAE	1910	II	Tilton, N.H.
Hilliard, David Harry	1913	XIII	17 Summit Ave., Haverhill, Mass.
Hilscher, Ralph, B.S.	1910	XI Sp.	Watseka, Ill.
Hirschfeld, Benjamin Shuman	1910	IV Sp.	1845 Bush St., San Francisco, Cal.
Hirst, Arthur Ellsworth	1913	V	24 E. Cottage St., Boston, Mass.
Hobson, Charles Foster, Δ T Δ	1911	X	164 Holyrod St., Boston, Mass.
Hodges, Frank Ernest	1910	VI	151 Arlington St., Hyde Park, Mass.
Hodgman, Willis Kennedy, Jr	1911	II	19 Cedar St., Taunton, Mass.
Holbrook, Edwin Charles	1912	1	19 Mellen St., Montello, Mass.
Holbrook, Gordon Godshall	1910	XIII	554 Chamber of Commerce Annex,
		***	Minneapolis, Minn.
Holbrook, John Alden	1910	VI	Westside Road, Milton, Mass.
Holbrook, Ralph Anthony	1911	X	Rutland, Mass., R. F. D. 4.
Holley, Francis Thomas	1912	IV Sp.	377 Chestnut St., Lawrence, Mass.
Holmes, James Thomas	1913	VI	4919 McPherson Ave., St. Louis,
Holmes, Oliver Wendell	1912	VI	Mo. Postport Mo
Holmes, William Norman, $\Delta \Upsilon$	1913	X Sp.	Eastport, Me. St. Clair, Pa.
Homan, Edmund Lewis	1912	III	14 State St., Marblehead, Mass.
Homeyer, Charles William, Jr., B.S.,	1012	111	14 State St., Marbieneau, Mass.
Σ A E	1911	I Sp.	Burton, Tex.
Hooper, Edward Joseph	1911	III Sp.	40 Park St., Stoughton, Mass.
Hornbeck, Henry Goodwin	1913	II	75 Harvard St., Everett, Mass.
Hopkins, Merton White, Θ Ξ	1912	I Sp.	44 Tennyson St., Somerville, Mass.
Hopkins, Paul Stanley	1910	III	Pekin, China.
Hopkins, Warren Bernard	1911	VI Sp.	1177 Fillmore St., Topeka, Kun.
Horne, Ralph Warren, Φ Σ K Horner, Halsey Boardman	1910	XI	209 Salem St., Malden, Mass.
Horner, Halsey Boardman	1913	IV	26 Oakland St., Melrose, Mass.
Horner, Aurelius Pointer, ΔΨ	1912	VI	Helena, Ark.
Horsch, William Grenville	1913	XIV	11 Summit Pl., Newburyport, Mass.
Horton, William Henry, Jr.	1910	VI	Delavan, Wis.
Howard, Gerald Branch, B O II	1913	I Sp.	Columbia, Tenn.
Howe, Edward Somerset	1910	VI	Kingston, Mass.
Howes, Ralph Herbert	1913	X	505 W. 2d St., Oil City, Pa.
Howie, Gordon Graham	1913	X	45 Franklin St., Melrose Highlands,
	2020	XIV.	Mass.
Howland, Julius Lester	1912	VI	Hyannis, Mass.
Howlett, Arthur Enoch	1913	X	56 Chestnut St., Wakefield, Mass.
Hoyt, Lawrence Brackett	1913	I	168 E. Emerson St., Melrose, Mass
Hoyt, Lester Francis	1913	V	139 Bay St., Springfield, Mass.
Hsu, Ming Tsai	1912	I	Ningpo, China.
Hubbard, Leo Samuel	1913	1	86 Lawrence Ave., Dorchesta Mass.
Huber, Berthold Convers	1911	II So	24 White St., Taunton, Mass.
Huddell, Arthur Stanley	1912	VISo	45 Mayerick St., Chelsea, Mass.
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Name	Year	Course	Home Address
Hufsmith, Clifford Lytton, B.S., Θ Δ X	1911	VI Sp.	262 Newbury St., Boston, Mass.
Hugelmann, John Robert	1911	I	1164 Cambridge St., Cambridge,
			Mass.
Hughes, Walter Scott	1912	V	144 Randolph Ave., Milton, Mass.
Huggins, Leslie Mansfield, Θ Ξ	1912	II	19 Bell Rock St., Malden, Mass.
Humphreville, William Edward, Jr., Θ Ξ,	1911	VI	1803 Leeland Ave., Houston, Tex.
Humphrey, Charles Farrar	1911	VI	20 Auburn St., Waltham, Mass.
Humphrey, George Selden	1910	VI	Belleville, W. Va.
Hunsaker, Jerome Clark, Δ K E	1912	XIIIA	430 N. Jefferson Ave., Saginaw,
			Mich.
Hunting, David Merritt, A.B.	1912	II Sp.	26 Mason St., Salem, Mass.
Hurst, Edward	1913	II Sp.	450 Mass. Ave., Boston, Mass.
Hurley, Frederick Aloysius	1910	III	118 Border St., Dedham, Mass.
Hutchins, Otis, Φ Σ K	1911	XIV Sp.	156 Main St., Keene, N.H.
Hutchinson, Franklin, Jr.	1913	X	Framingham, Mass.
Huxley, Roy Desmond	1911	VI	22 Maple St., Florence, Mass.
Hyde, Ralph Edwin	1912	X	70 Central St., Stoneham, Mass.
Ireland, Howard Percival	1911	XI	35 Irving St., Newton Centre, Mass.
Isenberg, Joseph Meyer	1913	XI	41 Allen St., Boston, Mass.
Jackson, Alexander Freeman	1910	II	22 Congress St., Milford, Mass.
Jacobs, Elmer	1910	I	Needham, Mass.
Jacoby, Raymond Weiss	1910	X	178 N. Franklin St., Wilkes-Barre,
			Pa.
James, Gorton, A.B., Φ B E	1910	I	33 Buckminster Rd., Brookline,
	2	**	Mass.
Jenckes, Edwin Kenyon, Φ K Σ	1910	V	571 Pleasant St., Pawtucket, R.I.
Jenkins, Davis John	1912	III Sp.	Gt. Falls, Mont.
Jenks, Harold Gould, A T Ω	1912	VI Sp.	34 Upland Rd., Melrose Highlands,
Townell P. Land Powert	1010	TT	Mass,
Jewett, Edward Everett	1913	H	483 Columbia Rd., Dorchester, Mass.
Johnson, Cleon Rupert	1911	X	169 Walnut St., Leominster, Mass.
Johnson, Flora Augusta	1911	IV	58 Highland Ave., Newtonville,
winnesdig a form ranguard	LOLL	11	Mass.
Johnson, Harold Stolp	1912	VI	Dana, Mass.
Johnson, Henry Adams	1912	II	2 Johnson St., Newburyport, Mass.
Johnson, Reginald Davis, A.B., A Δ Φ	1910	IV Sp.	415 S. Grand Ave., Pasadena, Cal.
Johnston, Cecil Chestnut	1913	I Sp.	Fort Fairfield, Me.
Johnston, Harold Freeman, Σ X	1913	II Sp.	410 Prospect St., Fall River, Mass.
Jones, Albert Monmouth	1913	I	400 Granite St., Quincy, Mass.
Jones, Bradley	1910	II	83 Shirley St., Winthrop, Mass.
Jones, Charles Chesebrough, B.A	1911	I Sp.	
Jones, Fiske Reed	1913	X	122 Huntington Ave., Boston, Mass.
Jones, George Howell, Δ T	1912	IV Sp.	334 E. 3d St., Portland, Ore.
Jones, Raymond Leston	1910	III	Barnstable, Mass.
Jones, Reginald Lamont, S.B	Grad.	VI	Hotel Woodbridge, W. Somerville,
T THE L MINE TO CO	1222	** **	Mass.
Jones, Wesley Tilley, B.S.	1911	II Sp.	Berkley, Norfolk, Va., Box 517.
Jouett, William Hooper, X Φ	1912	H Sp.	San Francisco, Cal.
Joy, Charles Frederick, Jr.	1910	I	61 Shurtleff St., Chelsea, Mass.
Judd, M. Herbert	1911	1	Dalton, Ga.

Kahn, Milton1912X117 Chambers St., Boston, Mass.Kane, Irving Patterson, B.S., Φ 2 K1910XILong Green, Md.Kasarjian, Armen Avedis1913VIAintab, Turkey.Kasper, Herman Peter1913X7 Dalrymple St., Jamaica Plain, Mass.Katsainos, Nicholas M.1912VI Sp.106 Huntington Ave., Boston, Mass.Katsura, Benzo1910XIVTokio, Japan.Katzenberger, William1913II Sp.1 W. 94th St., New York, N.Y.Kaufman, Abraham Harold Edward1911X Sp.96 Concord St., Lawrence, Mass.Kebbon, Harold Eric, Φ Γ Δ1912IVHotel Oxford, Boston, Mass.Keeling, Evans Barclay1912VI Sp.Dallas, Tex.Keh, Sih Sung1912VI Sp.Dallas, Tex.Keith, Gerald Marcy, Φ B E1912I303 Westminster Rd., Brooklyn, N.Y.Kelley, Edward Francis1910IV Sp.2 Winter Pl., Malden, Mass.Kellogg, Alfred Galpin, S.B., $\Delta \Psi$ Grad.IV527 Norwood Ave., Buffalo, N.Y.Kellogg, Paul1911IX527 Norwood Ave., Buffalo, N.Y.Kelly, Prescott Vail1912VI198 Mt. Vernon St., W. Roxbury, Mass.Kemp, Henry Donald, K Θ1912XTarrytown, N.Y.Kennedy, Frederick Hunt1913IV192 Walnut Ave., Roxbury, Mass.Kenney, Arthur Webster1913X15 Gates St., South Boston, Mass.Kenrick, Alfred Franklin1912II26 Bowker St., Brookline, Mass.Kenway, Edward,
Kasarjian, Armen Avedis1913VIAintab, Turkey.Kasper, Herman Peter1913X7 Dalrymple St., Jamaica Plain, Mass.Katsainos, Nicholas M.1912VI Sp.106 Huntington Ave., Boston, Mass.Katsura, Benzo1910XIVTokio, Japan.Katzenberger, William1913II Sp.1 W. 94th St., New York, N.Y.Kaufman, Abraham Harold Edward1911X Sp.96 Concord St., Lawrence, Mass.Kebbon, Harold Eric, Φ Γ Δ1912IVHotel Oxford, Boston, Mass.Keeling, Evans Barclay1912VI Sp.Dallas, Tex.Keh, Sih Sung1912VI Sp.Dallas, Tex.Keith, Gerald Marcy, Φ B E1912I Sp.308 Westminster Rd., Brooklyn, N.Y.Kelley, Edward Francis1910IV Sp.2 Winter Pl., Malden, Mass.Kellogg, Alfred Galpin, S.B., $\Delta \Psi$ Grad.IV51 St. Paul St., Brookline, Mass.Kellogg, Paul1911IX527 Norwood Ave., Buffalo, N.Y.Kelly, Prescott Vail1913I239 Lawrence St., Haverhill, Mass.Kemp, Henry Donald, K Θ1912VI108 Mt. Vernon St., W. Roxbury, Mass.Kennard, Ralph Brandreth, Δ K E1913XTarrytown, N.Y.Kennedy, Frederick Hunt1913IV192 Walnut Ave., Roxbury, Mass.Kenrick, Alfred Franklin1912II26 Bowker St., Brookline, Mass.
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Kaufman, Abraham Harold Edward1911X Sp.96 Concord St., Lawrence, Mass.Kebbon, Harold Eric, Φ Γ Δ 1912IVHotel Oxford, Boston, Mass.Keeling, Evans Barclay1912VI Sp.Dallas, Tex.Keh, Sih Sung1912VIShanghai, China.Keith, Gerald Marcy, Φ B E1912I303 Westminster Rd., Brooklyn, N.Y.Kelley, Edward Francis1910II Sp.73 School St., Cambridge, Mass.Kelley, John Edmund1910IV Sp.2 Winter Pl., Malden, Mass.Kellogg, Alfred Galpin, S.B., $\Delta \Psi$ Grad.IV51 St. Paul St., Brookline, Mass.Kellogg, Paul1911IX527 Norwood Ave., Buffalo, N.Y.Kelly, Prescott Vail1913I239 Lawrence St., Haverhill, Mass.Kemp, Henry Donald, K Θ 1912VI108 Mt. Vernon St., W. Roxbury, Mass.Kennard, Ralph Brandreth, Δ K E1913XTarrytown, N.Y.Kennedy, Frederick Hunt1913IV192 Walnut Ave., Roxbury, Mass.Kennick, Alfred Franklin1912II26 Bowker St., Brookline, Mass.
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Refirick, Afred Franklin
Kerr, Charles Phillips, Σ X 1911 II Catonsville, Md.
Kerr, Ernest
Kiely, Edmund Bernard 1910 VI 13 St. Stephens Ct., Lynn, Mass.
Kilborn, Karl Bray, A.B., Z Ψ 1911 II Portland, Me.
Killion, Thomas Stephen 1911 III 130 Russell St., Malden, Mass.
Kimball, Merrill Justin 1912 VI 22 Humphrey St., Lowell, Mass.
Kimball, Scott Prescott, A T Ω 1911 VI Sp. 124 6th East St., Salt Lake City, Utah.
King, Lester Hazen, S.B., X Φ Grad. IV 13 Arnoldale Road, Hartford, Conn.
King, Walter Wellington, Φ B E 1910 X Sp. 46 Stuyvesant Pl., New Brighton,
Staten Island, N.Y.
Kingsbury, Francis Henry 1912 XI Medfield, Mass.
Knight, Samuel, Λ Φ 1913 VI Sp. 6 Church St., Manchester, Mass.
Knox, Harry Gard 1911 XIIIA 52 Franklin St., Annapolis, Md.
Komizo, Shigekitsu 1910 VII Sp. Kuruamoto, Japan.
Kruckemeyer, Edward Herman 1911 IV Sp. Cincinnati, Ohio.
Kushlan, Max
Kyle, Clinton W 1911 II Sp. 63 Otis St., Newtonville, Mass.
I I II III II II II II II II II II II I
Lake, Harry Eleazer
Lane, Frederick William 1913 X 4921 N. 12th St., Philadelphia, Pa.
Lane, Gerould Taylor, Φ Σ K 1913 V 1 Church St., Great Barrington, Mass.
Lang, Harold Locke, 9 X 1910 VII 33 Fairview St., Roslindale, Mass.
Lang, Walter Warren 1912 X 33 Fairview St., Roslindale, Mass.
Lange, William Herbert 1912 I Sp. 160 E. 78th St., New York, N.Y.
Langer, Robert Roger 1912 III Sp. 60 Avon St., Somerville, Mass

Name	Year	Course	Home Address
Langley, Miles Erskine	1912	T	127 M St., South Boston, Mass.
Lanning, John Gustin	1913	X	46 Lindsey St., Dorchester, Mass.
Lathrope, Thomas Ridgway, Ph.B., $\Delta T \Delta$,	1910	VII Sp.	Carbondale, Pa.
Lauman, Philip Gatch, X 4	1912	XIIIA	Valley View & B Sts., So. Pasadena,
Lauman, I milp Gaten, A V	131%	AIIIA	Cal.
Laurie, Archibald Walwyn	1912	IV Sp.	149 College Ave., Somerville, Mass.
Laurson, Philip Gustave, B.S.	1910	1	617 N. Sanborn St., Mitchell, Mass.
Lawler, Thomas Brown, B.A.	1912	VI	348 Seminary Hill, Dubuque, Ia.
Lawrence, Horace Marshall	1913	III	23 Pleasant St., Lawrence, Mass.
Lawrence, Paul Root, A.B., & A &	1911	X Sp.	Montague, Mass.
Lawton, Stanley Herbert	1911	V	President's Hill, Quincy, Mass.
Leao, Pedro de Souza	1912	VI	Brazil, South America.
Leary, Arthur Francis	1911	XI	82 Havre St., East Boston, Mass.
Leathers, Walter Harold, Jr.	1913	X Sp.	111 Granite St., Quincy, Mass.
Leavitt, George Edward, Jr.	1912	II	39 Bromfield St., Newburyport,
			Mass.
Lee, Lasley, Δ T Δ	1910	I	Carbondale, Pa.
Lehmann, Hans Frank	1912	II	9 E. 22d St., New York, N.Y.
Lenaerts, John Henry	1915	VI Sp.	342 Moody St., Waltham, Mass.
Lennon, Arthur James	1912	X Sp.	87 Brook Ave., Dorchester, Mass.
Leonard, Malcolm Walker	1913	VI	539 Howard St., Brockton, Mass.
Leonard, Morris Mills	1913	X	Warren, Pa.
Leonard, Russell Embert	1913	VI	Mansfield, Mass.
Levine, Max	1912	VII	6 Morton St., Boston, Mass.
Levy, Maurice Eli	1913	I	227 Marion St., E. Boston, Mass.
Levy, Nathan	1911	1	1617 Tremont St., Roxbury, Mass.
Lewis, Daniel Ellwood	1913	III	Mauch Chunk, Pa.
Lewis, Harry Alfious	1911	IV Sp.	Wickford, R.I.
Lewis, Junius Poullain, A.B.	1912		Greensboro, Ga.
Lewis, Malcolm	1915	III Sp.	2 Greenough Pl., Jamaica Plain, Mass.
Lewis, Richard Wheatley, Φ B E	1910	V Sp.	
Lieber, Peter Carl, Y X	1913	I Sp.	
			Ind.
Lincoln, Earle Randall	1913	II	6 Woodlawn St., Keene, N.H.
Lindemann, Carl, Jr.	1912	V	610 River St., Hoboken, N.J.
Litchfield, George Alexander, $\Phi \Sigma K$	1913	H Sp.	120 Newton St., Marlboro, Mass.
Little, James Bampton	1913	HI Sp.	28 York St., Bath, Me.
Lloyd, Clifford Allen	1913	IV	252 Park Ave., Dallas, Tex.
Lockett, Harold, Δ K E	1910 1910	II	5116 Madison Ave., Chicago, Ill. Media, Pa.
Lodge, John, A.D.	1913	II	814 24th Ave., Meridian, Miss.
Loeb, Abe Marshall	1912	VI	21 Walton St., Dorchester, Mass.
Lombard, Robert Hamilton	1910	XIV	Ashburnham, Mass.
Lombardi, Pasquale Frederick	1912	II Sp.	156 Salem St., Boston, Mass.
Longoria, Armando Gonzales	1913	I I	Gibara, Cuba.
Lord, George Ramson, B.A., $\Delta \Upsilon$	1910	V Sp.	423 5th St., Marietta, Onio.
Lord, Harold Stowell	1911	II	Athol, Mass.
Lord, Raymond Harold	1911	VI	27 Park St., Dorchester, Mass.
Loud, Roger Perkins	1911	VI	87 Commercial St., Weymouth,
the second of th	12244475		Mass.
Lougee, Norman Arthur	1911	VI	2 Fairfield St., Salem, Mass.
Lovejoy, Carl Howard	1910	1	25 Parkman St., Dorchester, Mass.

	Year	Course	Home Address
Name	3.00		
Lovell, Joseph Warren	1912	VI	35 Station St., E. Weymouth, Mass.
Lovell, Ward Conant, Φ K Σ	1913	II	69 Mt. Vernon St., Cambridge, Mass.
T D I - W V A	1912	II Sp.	9 Holt St., Fitchburg, Mass.
Lowe, Rodney Messenger, X 4	1913	VI Sp.	468 Main St., Amesbury, Mass.
Lowell, Walter Elmore	1911	VI Sp.	7 Intervale St., Roxbury, Mass.
Lufkin, Fred Richards, Θ X	1910	VI	12 Linden St., Woodfords, Me.
Lunt, George Perkins	1910	X	58 High St., Danvers, Mass.
Lusky, Leonard Morris	1910	VI	R.R. 5, Box 122, Nashville, Tenn.
Lynch, Norman Hall	1913	I Sp.	63 W. River St., Wilkes-Barre, Pa.
Lynch, William Charles	1912	II .	75 Marcelle St., Roxbury, Mass.
Lyons, Manson Ainslie	1910	I Sp.	Parrsboro, Cumberland Co., N.S.
Mabbott, Harold Clarkson	1912	H	1495 Baldwin St., Waterbury, Conn.
McAllen, John Lavelle, Λ Φ	1911	III Sp.	
McAvoy, Francis Thomas	1912	I Sp.	13 St. Joseph St., Jamaica Plain,
		0.00	Mass.
McCarthy, Charles Joseph	1913	VI	37 Liberty St., North Adams, Mass.
MacCreadie, William Thomas	1911	II	54 Whittier St., Andover, Mass.
Macdonald, Eugene Leland	1913	I	119 Willowdale Ave., Montclair,
reconstruction and an arrangement	****	TITE	N.J.
MacDonald, Henry Douglas	1912		Ludlow, Vt. 70 Fremont St., Gloversville, N.Y.
McDonough, Clarence, Z X	1912	X Sp.	25 Franklin St., Watertown, Mass.
MacDonough, John Vincent McEwen, Ralph Buele, B.S., Σ N	1912		Athena, Ore.
McGrath, David James	1912	I sp.	6 Henshaw Ter., W. Roxbury, Mass.
Mack, Russell, Λ Φ	1911	I Sp.	
Mack, Russen, at v			York, N.Y.
Mackellar, Strathy Ridout, Σ A E	1913	VI Sp.	
McKenney, Karl Cushing	1912	VI	Wellesley Hills, Mass.
MacKenzie, John David	1911	III	Baddeck, Cape Breton, Can.
Mackenzie, Morell	1911	II	68 Barnum St., Taunton, Mass.
MacKinnon, Joseph Chrisman	1913	II	184 State St., Doylestown, Pa.
McLellan, Herbert Sumner	1913	I	12 Abbot St., Dorchester, Mass.
MacLeod, Norman Douglass, Δ K E	1913	II	30 Humboldt Ave., Providence, R.I.
McManus, Charles Aloysius Joseph	1912	I Sp.	2 Winter St., Dorchester, Mass.
McNaughton, Albert	1912	IV Sp.	
McNeil, Nicholas Tallon	1912	III Sp.	
McOsker, Paul MacPherson, Roy Gay	1911	II Sp.	
McRae, George Wadsworth	1910	VI	278 Salem St., Malden, Mass.
Magee, George Hugh	1910	II	. 698 Salem St., S. Groveland, Mass.
Maglott, George Frederick	1910	XI	Ada, Ohio.
Maguire, William James, Σ X	1913	I Sp.	. 79 Andem St., Providence, R.I.
Mahoney, Dennis Francis	1912	I	15 Leverett St., Brookline, Mass.
Mahoney, Frank Herbert	1913	X	112 Ocean St., Dorchester, Mass.
Mahoney, William Anthony, Φ Σ K	1913	VI	28 Preston St., Providence, R.I.
Malcom, Sydney Arnold	1910	XI	91 Munroe St., Somerville, Mass.
Mangan, Edward Manley, Harry Lester, Φ Σ K	1912	II C-	207 2d St., Pittsfield, Mass.
Manley, Harry Lester, Φ Σ K	1911	I Sp	
Manley, Thomas S.	1913	III Sp.	Duluth, Minn. 559 Centre St., Newton, Mass.
Manning, Harold Grosvenor	1912 1910	X	45 Hartford St., Dorchester, Mass
Manson, Harold Crosby, Σ A E	1910	11	40 Martiold St., Dorchester, Mass

Name	Year	Course	Home Address
Marceau, Eugene Theodore	1912	X	Wollaston Ave., Wollaston, Mass.
March, William Henry	1910	IV Sp.	65 Broad St., Mobile, Ala.
Marston, Nathaniel Sidney	1911	VI	106 William St., Portland, Me.
Martin, John Stephens, & T &	1913	II Sp.	
	1910	II Sp.	53 Chestnut Hill Ave., Brighton,
Martin, Thorndike De Vries	1310	II op.	Mass.
Martin William Hanrick A.R. O.T.	1911	VI	740 Dolphin St., Baltimore, Md.
Martin, William Henrick, A.B., $\Theta \Xi$		'I	San Miguel 107, Havana, Cuba.
Martinez, Rolando Arnaldo, S.B.	1910	Î	186 Commonwealth Ave., Boston,
Mason, Austin Blake, A.B., Δ Ψ	1910		Mass.
Mason, Edward Mansfield	1912	VI	26 Mt. Pleasant St., Winchester,
Mason, Edward Mansheld	1014	**	Mass.
Mason, Max Clark	1912	VI	42 Portland St., Keene, N.H.
Matamoros, Juan Loria	1912	I Sp.	San Jose, Costa Rica, C.A.
Mathur, Bala Pershad	1911	VI Sp.	Yakootpoora, Hyderabad, India.
Matthews, Lawrence H.	1913	IV Sp.	420 N. Mulbury St., Madison, Ind.
Matthews, Leroy Allen	1912	VII Sp.	102 Cross St., Malden, Mass.
Mattson, William Rhoades	1913	I Sp.	40 Harrison St., Brookline, Mass.
Maxfield, Joseph Pease	1910	XIV	9 Chester St., Cambridge, Mass.
Maxwell, Herbert Oulton	1912	III Sp.	164 Huntington Ave., Boston, Mass,
Maynard, Clarence Dickinson	1910	I Sp.	73 Central St., Somerville, Mass.
	1912	III Sp.	Chicago, Ill.
Means, Alan Hay Meisel, Otto Carl Francis	1911	II op.	10 Upland Ave., Dorchester, Mass.
Mellish, Murray Holman	1910	ï	67 Clark St., Malden, Mass.
Mendenhall, Fred Dunlap, X Φ	1912	VI Sp.	Lakeland, Fla.
Merrill, Charles Hudson Sayre, Λ Φ	1911	I Sp.	Manchester, Mass.
Merrill, Edward Francis, Z V	1910	II	94 Main St., New Rochelle, N.Y.
Merrill, Hamilton, ΔΨ	1912	X	Oaksmere, New Rochelle, N.Y.
Merrill, Henry Ferdinand, 2d, Λ Φ		XI	Manchester, Mass.
Merrill, Millard Warren		XIV	Salisbury, Mass.
Merry, Augustus Bradford	1910	I	Vineyard Haven, Mass.
Merry, Ora McKusick		VI Sp.	
Meserve, Orville Ward	1913	VII	1990 Columbus Ave., Roxbury,
successive, or time trains	40.40		Mass.
Metz, August Carl	1911	III	260 Cape St., Oshkosh, Wis.
Meulendyke, Charles E., B.S.	1910	X Sp.	4 Upton Park, Rochester, N.Y.
Miller, Henry Franklin, 2d, θ Δ X		II Sp.	18 Lawrence St., Wakefield, Mass.
Miller, Waldo Benneville	1912	XI Sp.	19 Claremont Park, Boston, Mass.
Milliken, Alfred Standish, Φ Σ K		I	39 Sycamore St., New Bedford,
TO THE RESIDENCE OF THE PARTY O			Mass.
Mills, Charles Henry	1912	IV Sp.	89 Shuman St., Springfield, Mass.
Mills, Leonard Olcott		VI	213 Walnut St., Holyoke, Mass.
Minsky, Harry		H	87 W. Cedar St., Boston, Mass.
Mitchell, Harold Dies	1912	X	22 Bowers St., Newtonville, Mass.
Montgomery, Edward, Δ T Δ	1912	X	Omaha, Neb.
Monto, Charles Philip	1910	X	287 Alexander St., Rochester, N.Y.
Mooney, William Joseph		IV	23 Olmstead St., Jamaica Plain,
			Mass.
Moore, Daniel Martin	1913	1	9 Warren St., Taunton, Mass.
Moore, Edmund Burke, Σ A E	1912	VI	47 Summer St., Springfield, Vt.
Moore, Walter Stone		I Sp.	
		The same of	Ohio.
Morash, Bernard Hudson	1912	VI	Lunenburg, N.S.

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Name	Year	Course	Home Address
Morcom, Alfred Joseph	1913	I Sp.	5a del Fresno 178, Mexico City, D.F.
Morey, Chester Totten, Φ K Σ	1911	II	74 Pearl St., Cambridge, Mass.
Morley, James Henry, C.E., Y A E	1912	III	Swarthmore, Pa.
Morrison, Alexander	1913		68 Elm St., Andover, Mass.
Morrison, Ibrahim Follansbee	1911	I	358 Elm St., Braintree, Mass.
Morse, Fred Thurlow	1912	VI	1021 Van Buren St., Topeka, Kan.
Morse, Robert Emery	1911 1913	X	72 Walnut St., Brookline, Mass. 106 Maple St., Roxbury, Mass.
Morton, Francis Byron	1913	XI	23 Abbot Pl., Brockton, Mass.
Mowry, Fred Lawrence	1912	XIV Sp.	269 Harrington Ave., Woonsocket,
Mowry, William Wheatiey	1010	zar op.	R.I.
Munch, Benjamin Samuel	1913	П	71 Grove Hill, New Britain, Conn.
Murdock, Frederick Davis	1913		47 St. James Ave., W. Somerville,
The state of the s			Mass.
Murphy, Edward Eugene	1913	III	Hull, Mass.
Murphy, Robert Joseph	1913	VI	St. John's, Newfoundland.
Murray, Joseph Ignatius	1912	VII Sp.	8 Cottage St., Everett, Mass.
Murray, Wallace Jennings	1912	X	571 Wash, St., Dorchester, Mass.
Muther, Walter Paul, Σ A E	1913	1	14 Hillside Ter., W. Newton, Mass.
Myers, Aaron Leon	1911		Palestine, Tex.
Mylchreest, George Lewis, B.S.	1910	177	Middletown, Conn.
Myrick, John Botume	1910	VI	19 Exeter St., W. Newton, Mass.
Nagle, Arthur Rosengarten	1911	I Sn	83 Kirkstall Rd., Newtonville,
Nagie, Arthur Rosengarten	****	a copy	Mass.
Nash, Edward Ardery, Δ T Δ	1911	I Sp.	323 S. 15th St., St. Joseph, Mo.
Nason, David Varney	1913	X	18 Buffum St., Salem, Mass.
Nath, Simon	1911	V	87 W. Cedar St., Boston, Mass.
Navarro, Manuel Adrian	1910	I Sp.	Quito, Ecuador.
Nealey, James Barton	1912	I Sp.	178 Harlow St., Bangor, Me.
Neily, Ernest Stanhope	1913	VI Sp.	
Nelson, Albert Peter	1913	H	11 Nelson St., Braintree, Mass.
Nichols, Robert Bradley	1913	XI	4 High St., Warren, Mass.
Nicholson, Ernest	1911	I	204 Union St., Schenectady, N.Y.
Nimick, Alexander, Ph.B.	1911	X Sp.	
Nitschke, Charles William	1912		1614 S. State St., Syracuse, N.Y. 1811 23d Ave., Denver, Col.
Noble, James Bowen, Φ K Σ Northrop, Joseph Walter, Jr., A.B., Δ T Δ.	1910	IV Sp.	2050 North Ave., Bridgewater,
Northrop, Joseph Watter, Jr., A.D., 2 1 2,	1010		Conn.
Noyes, Jonathan Alvan	1912	H	124 Adams St., Waltham, Mass.
1107-2 1000			
O'Brien, James H., B.S., Φ K Σ	1910	X	Northfield, Minn.
O'Brien, Walter Francis	1912	II	10 Howland St., Cambridge, Mass.
O'Connor, Charles Thomas	1912	II Sp.	37 Laurel St., Holyoke, Mass.
Odell, Lawrence Gleason	1911	XIV Sp.	11 Wabeno St., Roxbury, Mass.
Oettinger, Mark Adolph	1912	XIII Sp.	10 Woodville Park, Roxbury, Mass.
Ofenstein, Clarence Leo	1911	1	42 New York Ave., Washington, D.C.
O'Hearn, William John	1910	XI	191 Davis Ave., Brookline, Mass.
Olsson, Axel	1913	XII Sp.	50 Green St., Jamaica Plain, Mass.
Omansky, Morris	1911	V	34 Auburn St., Boston, Mass.
Ommisky, morris			The second second second second

Name	Year	Course	Home Address
O'Neill, Francis Michael	1912	I Sp.	137 East St., Holyoke, Mass.
O'Neill, John Henry	1910	XI Sp.	175 Walker St., Lowell, Mass.
Oppenheim, Joseph	1912	X	49 Revere St., Boston, Mass.
Orchard, William John	1911	XI	14 Fletcher St., Roslindale, Mass.
Orr, Scott Wesley	1913	I	103 Cedar St., Roxbury, Mass.
Only Scott Wesley	1911	Ш	40 Holten St., Peabody, Mass.
Osborn, Franklin, 2d	Grad.	VI	81 Oxford St., Cambridge, Mass.
Osborne, Haroid Smith, S.D.	1910	V Sp.	330 Wheeler Ave., Scranton, Pa.
Osthaus, Ned Otis, Henry Noyes, B.A., X •	1911	II Sp.	36 Salem St., Andover, Mass.
Ous, Henry Noyes, D.A., & V	1011	II op.	50 Datell Deg Mildover, Mass.
Pacheco, Ricardo Lara	1912	VI	San Jose, Costa Rica, C.A.
Pardey, Gilbert Rea	1913	VI	Segreganset, Mass.
Parker, Stanley Wallace	1913	III	55 Robbins St., Waltham, Mass.
Parker, Theodore Bissell, Σ X	1911	I	72 Ashford St., Allston, Mass.
Parsons, Harold Frank	1910	I	79 Mt. Pleasant Ave., Gloucester,
Emiliaria anticia estado ser a como a	ATTENDED .		Mass.
Parsons, Leon Woodman	1913	X	18 Fruit St., Newburyport, Mass.
Parthum, Alfred Herman	1913	III	115 Union St., Lawrence, Mass.
Partridge, Henry Hinman, A K E	1912	II	185 Canfield Ave., W., Detroit,
Participated Control (Control Control			Mich.
Pastene, Alexander Joseph	1913	X	457 Blue Hill Ave., Roxbury, Mass.
Patrick, Lloyd Alexander	1911	IV Sp.	63 Grove St., W. Somerville, Mass.
Paul, Joseph Nairn, K Σ	1913	VI	Wakefield, N.H.
Paullis, George Lee, θ Ξ	1913	II	2609 Travis St., Houston, Tex.
Payson, Horace Stanwood	1912	I Sp.	26 Everett Ave., Dorchester, Mass.
Peabody, Dean, Jr.	1910	H	10 Albion St., Somerville, Mass.
Pead, William James, Jr.	1910	VI Sp.	74 Marshall St., N. Adams, Mass.
Pearce, Clinton Ellicott	1913	X	11 Walter St., Roslindale, Mass.
Pease, Ralph Southworth, A.B.	1911	V Sp.	297 Grove St., Fall River, Mass.
Peck, Harry Dexter, Θ Ξ	1913	II	Lavender St., Millis, Mass.
Pederson, Aksel Marion	1912	X	45 Wallis St., Beverly, Mass.
Pendleton, Ferdinand Harriman, Jr	1913	V	21 High St., Malden, Mass.
Pepper, Chester Lawrence	1911	II	57 County Rd., Chelsea, Mass.
Perkins, Leander Crawford	1913	II	Wellesley College, Wellesley, Mass.
Perkins, Ralph Willis	1910	VI	Wenham, Mass.
Perley, Henry Chaplin	1910	II	Boxford, Mass.
Perry, Clyde Raymond	1911	III Sp.	Stoneham, Mass.
Perry, Harold Robert	1910	Ш	296 Norfolk St., Dorchester, Mass.
Pettingell, John Mason	1912	I	16 Spring St., Newburyport, Mass.
Pettingell, William Moulton	1910	X Sp.	16 Otis Pl., Newburyport, Mass. 454 Prairie Ave., Kenosha, Wis.
Pettit, Bertholf Marsh, Ph.B.	1910	IV	250 Mass. Ave., Boston, Mass.
Petts, Arthur Fowler	1913	IV Sp.	Boxford, Mass.
Pevear, Munroe Rhodes, $\Delta \Upsilon$	1912	II Sp.	Los Angeles, Cal.
Peycke, Armand Hawkins	1910	IV Sp.	7 Hopper St., Utica, N.Y.
Phelps, Dudley Winston, X 4	1913		3 Monadnock St., Boston, Mass.
Phelps, Frank Nathan Phillips, Alfred Ingersoll, Jr., Φ K Σ	1910	II Sp.	1924 Pine St., Philadelphia, Pa.
Pierce, Bion Leonard	1913	X	124 Winthrop St., Taunton, Mass.
Pierce, James Buchanan, Jr., Δ T Δ	1911	X Sp.	
Pilling, Earl Wellington	1910	I Sp.	Danielson, Conn.
Pillsbury, Arthur Clifton	1911	Î Sp.	
Pinnock, Thomas Wellington	1913	II	4 Fairfield St., Salem, Mass.
Piper, Carleton French	1910	Ш	Randolph, Mass.
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Name 1	Year	Course	Home Address
Pitcher, Floyd Jacob	1910	I	28 Preston Rd., Somerville, Mass.
Pizzorno, Pedro Paulo	1913	VI	45 Av. Silverio Nery, Amazonos,
A TORONTO A CONTROL A CONT	- Francis		Brazil, S.A.
Polhemus, Theodorus, Θ Δ X	1912	XI Sp.	18 Moreland Ave., Newton Centre,
The state of the s			Mass.
Pomeroy, Carl Thatcher, A.B.	1910	VII Sp.	Lewiston, Me.
Pool, Sterling Howard, B.S.	1910	VII Sp.	72 Johnson St., Lynn, Mass.
Poor, Frederick Edwin	1912	VI Sp.	2 Greenough Ave., Jamaica Plain, Mass.
Poor, Nathan Holt	1913	X Sp.	110 Hobart St., Danvers, Mass.
Portal, Robert Temple	1913	VI	8 Second St., Woburn, Mass.
Potter, Erford Merton	1910	VI	18 Webster St., Taunton, Mass.
Powell, Oliver Davis	1911	I Sp.	20 Dudley St., Haverhill, Mass.
Pratt, Jabez Harden	1912	X	P.O. Box 449, Bridgewater, Mass.
Pratt, Jabez Harden Prentice, Harry Ephraim, Δ Υ Preston, Ralph Albion Drury	1913	II	Taftville, Conn.
Preston, Ralph Albion Drury	1910	II IV Sp.	Natick, Mass. N.E. Cor. Main & Apple St., Day-
Pretzinger, Freeman Albert, A T Ω	1912	IV Sp.	ton, Ohio.
Price, Malcolm Dana, & B E	1911	II	23 Regent Circle, Brookline, Mass.
Priest, Henry Malcom	1912	I	Littleton, Mass.
Prouty, Theodore Rentrope	1912	IV	P.O. Box 365, Scituate, Mass.
Pruyn, Kenyon	1912	X Sp.	
Pugsley, Edwin, B.A.	1910	VI Sp.	277 Delaware Ave., Buffalo, N.Y.
Pulsifer, Revere Burnham, Φ Γ Δ	1912	XIII Sp.	72 School St., Manchester, Mass.
Pushee, Harold Baldwin	1911	XI	237 Winn St., Woburn, Mass. 34 Appleton Ave., Beverly, Mass.
Putnam, Scott Bradstreet, $\Delta \Upsilon$	1911	Δ1	54 Appleton Ave., Deverly, Mass.
			Contract of the Contract of the State of the
Radford, Donald Haff, Φ Γ Δ	1912	II	453 Algoma St., Oshkosh, Wis.
Ragsdale, Earl James Wilson, A T	1910	XIII	1069 Beacon St., Brookline, Mass.
Rand, Fred L.	1913	IV Sp.	416 E. Holmes St., Huntsville, Ala.
Rand, Harold Morrill, O X	1913 1910	XI	25 Conway St., Roslindale, Mass. 248 Ash St., Waltham, Mass.
Randall, Chester Joseph Randall, Merle, A.M.	Grad.	Ÿ	Poplar Bluff, Mo.
Randall, Roy A.	1913	IV Sp.	7 Nonquit St., Dorchester, Mass.
Randolph, Charles Philip, Jr., M.S., A T Ω,		V	1807 Lavaca St., Austin, Tex.
Ranger, Richard Howland	1911	VIII	19 W. 10th St., Indianapolis, Ind.
Rankin, Ralph Smedberg	1913	VI	29 Abbott Road, Wellesley Hills,
			Mass.
Ransohof, Nathan	1910	П	Vernon Place, Mt. Auburn, Cincin- nati, Ohio.
Rapelli, George Washington	1911	I Sp.	The state of the s
Rapelli, Luis R.		I	Tucuman, Argentine Republic.
Rathbun, Ross Howard, B.S.	1912	VI Sp.	Cor. 6th & Rowley Sts., Mitchell,
			S. Dk.
Raymond, John William, Jr.		I	101 Balch St., Beverly, Mass.
Read, Charles Albert, Jr.	1913	I Sp.	Manchester-by-the-Sea, Mass.
Ready, William Aloysius	1913	VI Sp. IV Sp.	
Redfern, Philip Theobald	1912	X Sp.	9 Shattuck St., Nashua, N.H.
Redman, Ernest Albert	1910	II	82 New Park St., Lynn, Mass.
Reed, Stalker Elijah	1912	III	Hudson, N.H.
Reeves Bartow Vandewater	1912	X Sp.	
Reid, Allen Willard, Z X	1912	1	Stamford, Conn.

Name	Year	Course	Home Address
Reilly, Charles Frederick	1913	I Sp.	337 15th Ave., West, Colgary, Alberta.
Reiman, Clarence Kenworthy	1912	X	32 Ashland St., Newburyport, Mass,
Renfrew, Luther James		X	12 Nottingham St., Dorchester.
			Mass.
Reynolds, Bergen, Θ Δ X	1910	II	142 Highland Ave., Somerville,
Reynolds, Charles Vaughn	1912	XI	Mass. Box 247, Canton, Mass.
Reynolds, Charles Vaughn		II	577 Highland Ave., Malden, Mass.
Rhodes, George Harold		II	66 Hoyle St., Norwood, Mass.
Rhodes, William Armitage	-	VI Sp.	1223 E. 3d South St., Salt Lake
The state of the s			City, Utah.
Rice, Lawrence Grout		XI	9 Wilson St., Natick, Mass.
Rice, Thomas Joseph		II	10 Judson St., Roxbury, Mass.
Rich, Frederick Dorr, Φ K Ψ		X Sp.	84 Prince St., Rochester, N.Y. 165 Beech St., Holyoke, Mass.
Richard, Rene Alphonse		Î	Ewing, Mass.
Richardson, Howard Barrett		II	132 10th St., N.E., Washington, D.C.
Richardson, William Elmer	1912	I	887 Adams St., Dorchester, Mass.
Richmond, Carl Gee	1911	I	300 Winthrop Ave., Revere, Mass.
Richter, George	1913	X	108 Brown Ave., Holyoke, Mass.
Ricker, Daniel		IV Sp.	44 Pleasant St., Somersworth, N.H.
Rideout, Percy Adams		II	Concord Junction, Mass.
Rider, Robert Orne, Δ T Δ		X	161 Grove St., Auburndale, Mass. R.R. No. 4, Hamilton, Ohio.
Rietschlin, Otto Reinhard		Ĩ	190 Lamartine St., Jamaica Plain,
Attendenting of the Attended of the Paris	****		Mass.
Ringo, Bolivar Buckner, Y X	1913	III	Low Moor, Va.
Roberts, William Lawton, A T Ω	1911	XIII	118 Huntington St., W., Savannah,
20 1 1 2000 OF 1 1 1 1		* 0	Ga.
Roberts, Wilbur Taylor, A T		I Sp.	48a Dove St., Albany, N.Y.
Robertson, Harry Alexander		V Sp.	21 Roslyn Road, Winnipeg, Man. 11 Olney St., Dorchester, Mass.
Robinson, Frederick Alfred		X Sp.	184 Webster St., E. Boston, Mass.
Robinson, Fred Thomas		Ĩ	58 Marion St., Natick, Mass.
Robinson, George Albert		I	222 W. Selden St., Mattapan, Mass.
Robinson, George Ernest		IV Sp.	585 Mass. Ave., Boston, Mass.
Robinson, Harold Long		I Sp.	17 Winthrop St., Winchester, Mass.
Robinson, Kenneth Caleb	1911	II Sp.	250 Belgrade Ave., Roslindale, Mass.
Roche, Raymond Vincent	1912	V Sp.	Uxbridge, Mass.
Rodman, Walter Sheldon, B.S., M.S.		VI	Wakefield, R.I.
Rogers, James Calvin, B.S., A T \(\Omega \).		VI Sp.	Starkville, Miss.
Rogers, Samuel Evan, Jr., Φ K Σ		II	504 N. 22d St., Omaha, Neb.
Romero, Antonio		I	Fajardo, Puerto Rico.
Rooney, Arthur Hugh		VI Sp.	71 Brookfield St., Lawrence, Mass.
Root, Royal Pulsifer		II Sp.	309 W. 92d St., New York, N.Y. Brookfield, Mass.
Roper, Thomas Avery Rosenstein, Ludwig		X	2855 California St., San Francisco,
Acocustem, Dudwig	1010		Cal.
Ross, Bardley Travis, A K E	1912	X Sp.	Rensselaer, Ind.
Rowe, Louis Griffin	1910	I	4 Blynman Ave., Gloucester, Mass.
Rowley, Charles Bacon, Φ B E	1912	II	602 W. Main St., Jackson, Mich.

V V	ear	Course	Home Address
Activity a contract of the con	912	II Sp.	194 Main St., Oneida, N.Y.
	910	II	Ft. Bakrt, Sausalito, Cal.
and the same of th	913	II	1571 Beacon St., Brookline, Mass.
	913	I	Highland Park, Ill. 321 Thorndike St., Lowell, Mass.
	ad.	v	Neodesha, Kan.
	911	XI Sp.	120 Dorchester St., S. Boston, Mass.
And the contract of the contra	910	П	West Hanover, Mass.
	911	II	W. 911 Nora Ave., Spokane, Wash.
We consider a survey of the contract of the co	913	ii	12 Bodwell St., Dorchester, Mass.
	913	II	Great Kills, Staten Island, N.Y.
The state of the s	911		Niagara Falls, N.Y.
The state of the s	912	VI Sp.	85 Riverview Ave., Waltham, Mass.
27,000,000,000,000,000,000		100000	
Sada, Javier G	913	III	Hidalgo 116, Monterey, Mex.
	912	I Sp.	Vancouver Barracks, Wash.
Salgado, Agapito	912	VI	San Francisco de la Paz, Olancho,
			Honduras.
Consideration of the contract	911	II	Chicago Beach Hotel, Chicago, Ill.
Control of the contro	913	IV Sp.	23 Webster St., W. Newton, Mass.
transferred to the Br. T.	913	VI Sp.	61 Sargent St., Springfield, Mass.
Sampson, Ross Darlton	913	III Sp.	197 Fairmount Ave., Hyde Park, Mass.
Continue Tustus Custis 1	912	X	Mittineague, Mass.
Contract and the second	913	I Sp.	Central Sta., Lucia, Gibara, Cuba.
Control of	911	I Sp.	Christchurch, New Zealand.
	913	VI Sp.	Papantla, Vera Cruz, Mex.
Sargeant, French Philbreck, Φ K Ψ 1		XIII	741 Chestnut St., Manchester, N.H.
Sargent, Hall	912	II	Grand Forks, N.D.
		XIII Sp.	71 Sargent Ave., Fitchburg, Mass.
Savage, Edgar Channing	911	II	117 Richmond St., Dorchester,
			Mass.
Sawyer, George Summers	912	I	49 Oak Sq. Ave., Brighton, Mass.
Sawyer, Luke Eugene	910	II	56 Chestnut Hill Ave., Brighton,
CANADA TO BE CONTROL OF THE CANADA AND AND AND AND AND AND AND AND AN			Mass.
Scanlon, Richard Harriman 1	912	II	20 Dartmouth St., Leominster,
		**	Mass.
and the same of th	1913	X	535 Westford St., Lowell, Mass.
and a second sec	1911	XIII Sp.	Portland, Ore.
	1910	IV	1706 N. Charles St., Baltimore, Md.
	912	II Sp.	1427 Grand Ave., Kalamazoo, Mich.
	910	XIII	P.O. Box 4, Groton, Conn. 62 Forest St., Roxbury, Mass.
	1910	VI	501 E. Grace St., Richmond, Va.
And the state of t	911	VII Sp.	5 Oxford Ter., Boston, Mass.
	912	I Sp.	874 Rockdale Ave., Avondale,
Schmiedeke, William Valentine, A.B 1	01.4		Cincinnati, Ohio.
Schmitt, Philip, Jr., O & X	1913	III	248 W. 104th St., New York, N.Y.
Schneider, Solomon	1912	XI Sp.	1410 Columbus Ave., Roxbury,
Defineract, Botomon		Tr. op.	Mass.
Schofield, Stuart James, B.A., M.A G	rad.	XII	647 Princess St., Kingston, Ont.,
The state of the s			Can.
Schofield, William McNair, Φ Γ Δ 1	1910	III	49 Bowers St., Newtonville, Mass.

Name	Year	Course	Home Address
Schreiber, Henry, Jr.	1911	XI Sp.	
Schulze, Howard Reed, A T	1912	IV Sp.	
Schulze, Robert, Jr.	1913	II	285 Milton St., E. Dedham, Mass.
Schurig, Otto Robert	1911	VI	Innere Schueeberger Str. 17,
0.7			Zwikan, Sachsen, Germany.
Schwartz, Lewis	1911	V Sp.	
Schwarz, Gertrude Florence	1910	VII Sp.	106 Marion St., Brookline, Mass.
Schwarz, Edmund Arthur	1911	IV Sp.	
Scott, Kenneth Allen	1910 1913	I Sp.	Dalton, Mass.
Scoville, John Harris, AT	1911	IV Sp.	
		as up.	Conn.
Scofield, Walter W., Jr., A.B., Φ Σ K	1910	V	Dalton, Mass.
Scribner, Samuel Harold	1911	I	158 Westford St., Lowell, Mass.
Scriven, Edward Osborne, B.S.	1910	VI Sp.	Beloit, Wis.
Scudder, Tracy Vanderveer		XIII	36 Washington Sq., New York, N.Y.
Seeley, Nathaniel Stevens, X Φ		II Sp.	11 Ash St., Flushing, Md.
Seelye, Seth Heness, θ Δ X	1912	VI Sp.	425 Duval St., Key West, Fla.
Seetoo, Fucheng	1912	XIII Sp.	Kwangtung, China.
Schridge, sould Boley, A. F	191%	VI	2615 California St., San Francisco, Cal.
Selfridge, Samuel Woodworth, X Φ	1913	VI	2615 California St., San Francisco,
C., Th., 17.1	2010	**	Cal.
Senior, Thomas Edward	1913	X	3580 Washington Ave., Cincinnati, Ohio.
Severance, Francis Earnest	1913	I Sp.	148 Bartlett Rd., Winthrop, Mass.
Shaffer, Guy Fiske	1910	IV.	1517 11th Ave., West, Seattle,
			Wash.
Shafran, Max Jacob	1913	X Sp.	99 Wayland St., Roxbury, Mass.
Shapira, Samuel	1910	III	32 Chambers St., Boston, Mass.
Sharp, Harold	1910	I Sp.	Nantucket Island, Mass.
Sharp, Harold Harris, A.B.	1912	III Sp.	177 Bellevue Ave., Melrose, Mass.
Shaw, Carroll Harper	1910	VI Sp.	104 North Ave., N. Abington, Mass.
Shaw, Harold Francis Shaw, Herbert Gleason	1911 1913	VI Sp.	42 Orchard St., Leominster, Mass.
Shaw, Laurence Copeland	1910	V Sp.	111 E. Water St., Rockland, Mass. 303 Pleasant St., Brockton, Mass.
Sheldon, George Ware, B.S.	1911	VI Sp.	Wakefield, R.I.
Shen, Heenan Tinching, S.B	Grad.	I	Foochow, China.
Shenstone, Osborne Harris, Φ Γ Δ	1911	I	40 Walmer Rd., Toronto, Can.
Shepard, Frederick Johnson, Jr., Φ Γ Δ .	1912	VI Sp.	East Derry, N.H.
Shepherd, William Alexander, B.S.	1911	VI Sp.	Pultneyville, N.Y.
Sherman, Max Christopher	1910	П	11 Fairview Ter., W. Newton, Mass.
Sherman, Robert Parker, Φ Σ K	1912	XIII	Box 434, Manila, P.I.
Shippee, Allen Edward	1910	X Sp.	East Greenwich, R.I.
Shohan, Abraham Shore, Jacob David	1911	IV	35 Devon St., Roxbury, Mass.
Shoub, Hyman Louis	1913	VII	13 Blossom St., Boston, Mass. 11 Allen St., Boston, Mass.
Shuttleworth, Wright, Z A E			303 Guy Park Ave., Amsterdam,
	12,011		N.Y.
Silsbee, Francis Briggs	1910	VI	9 E. Haverhill St., Lawrence, Mass.
Silverman, Benjamin	1912	II Sp.	113 Beacon St., Chelsea, Mass.
Simmons, Frank Ronald, B.A	1910	IV Sp.	65 Prospect St., Providence, R.I.
Simonds, Warren James, $\Phi \Sigma K$	1911	I	52 Shawmut Ave., Marlboro, Mass.

Name	Year	Course	Home Address
Sinnicks, Frank Samuel	1913	III	Manchester, Mass.
Sisonsky, Isador	1913	I Sp.	
Sittinger, Carl Joseph	1911	VI Sp.	59 Delle Ave., Roxbury, Mass.
Slade, Walter Clifton, M.S		V V	76 Comstock Ave., Providence, R.I.
Sloan, Vernon Gregory	1912	İ	Arlington Heights, Mass.
Smead, Ralph Amsden, B.S.	1910	Î	8 Church St., Greenfield, Mass.
Smilie, Harold Bertram	1913	IV Sp.	
Smith, Allison Price	1913	VI VI	75 Lowell Ave., Newtonville, Mass.
Smith, Charles McLean, B.A.	1910	VI	253 Capitol Ave., Hartford, Conn.
Smith, Clyde Fuller, A.B.	1912	XI	Islington, Mass.
Smith, Daniel Joseph	1911	V Sp.	40 N. Beacon St., Allston, Mass.
Smith, Edward Ephraim, 2d	1913	VII	74 Glendale St., Dorchester, Mass.
Smith, Edward Hanson	1913	III	Vineyard Haven, Mass.
Smith, Frank Griswold	1911	III	108 Field St., Torrington, Conn.
Smith, Frank Thomas	1913	XIV	13 Hall St., Jamaica Plain, Mass.
Smith, Harold Alfred, Litt.B., O X	1911	II	67 Woodlawn St., Lynn, Mass.
Smith, Harry C	1912	IV Sp.	214 S. Spring St., Independence,
		p.	Mo.
Smith, Hubert Stacy, A K E	1911	X	1112 Centre Ave., Bay City, Mich.
Smith, Otis Sanborn	1910	1	Laconia, N.H.
Smith, Robert Patterson	1913	I Sp.	Freeland, P. E. Island, Can.
Smith, Stanley Morse, B.S.		VI	188 Princess St., St. John, N.B.
Smith, William Leo Smoot, Harold Kenneth, Σ X	1910	IV Sp.	16 Crest St., Concord Jet., Mass.
Smoot, Harold Kenneth, Y X	1912	XIII Sp.	Dover Plains, N.Y.
Smythe, Chauncey Bevins, Φ Δ θ	1912	I Sp.	290 Washington Ave., Elyria, Ohio.
Smythe-Martin, Rosslyn, A K E	1913	II Sp.	350 W. 65th St., New York, N.Y.
Sneddon, James Stuart, Φ Γ Δ	1910	II Sp.	532 N. Broad St., Elizabeth, N.J.
Snyder, Henry Rossiter	1911	IV	302 Chicopee St., Chicopee, Mass.
Soulis, Hugh Emerson	1912	VI	76 Winslow St., Everett, Mass.
Southgate, George Thompson	1910	VI	501 Russel St., Nashville, Tenn.
Southwick, Lewis Switzer, Φ B E	1910	VI Sp.	31 Pierrepont St., Brooklyn, N.Y.
Spaans, Walter	1910	X	108 Chestnut St., Brookline, Mass.
Spalding, Walter Talbot	1910	IV Sp.	504 W. Highland Drive, Seattle,
			Wash.
Spaulding, Archibald Harris	1913	VI	138 Lincoln St., Newton Highlands,
	9056	7 24	Mass.
Spector, Isadore, B.S.	1911	I Sp.	241 E. 68th St., New York, N.Y.
Springall, Cyrus Foss	1912	IV	18 Spring St., Malden, Mass.
Staiger, Allen Brown	1912	II Sp.	1522 Pacific Ave., Atlantic City,
C. W		***	N.J.
Stamper, Wilson Young, Jr., A T \(\Omega \)	1911	I Sp.	402 Westminster St., Providence,
Control VIII and Control		***	R.I.
Starbuck, John Austin	1911	I Sp.	Jumpero Plaza, Santa Barbara, Cal.
Starr, Frank Elijah	1912	III	97 Cedar St., Fitchburg, Mass.
Starr, George Horace	1913	I Sp.	Danbury, Conn.
Stellmann Vad Day 11 4 N V	1911	VI Sp.	307 Madison Ave., Scranton, Pa.
Stellwagen, Karl Donald, Φ Σ K	1910	IX	265 Putnam Ave., Detroit, Mich.
Stenholm, Carl Johan Adolf	1913	X	17 Edward St., Newport, R.I.
Stern, David	1913	V	234 Marion St., E. Boston, Mass.
Stern, Frances	1913	V Sp.	18 Angell St., Dorchester, Mass.
Stevens, Bernard Woodbury, $\Phi \Sigma K$	1912	II Sp.	1013 Beacon St., Newton Centre,
Stevens, Donald Read, & B E	1011	п	Mass.
Develo, Donaid Read, v D L	1911	11	32 Manchester Rd., Brookline, Mass.
			ATTENDO.

Name	Year	Course	Home Address
Stevens, John Codding, 2 X	1911	I Sp.	458 Holly Ave., St. Paul, Minn.
Stevens, Samuel Sprague, A K E	1913	III Sp.	1011 Beacon St., Brookline, Mass.
Stevens, William David	1913	II Sp.	Houghton, Mich.
Stevenson, William Clare Harkness	1913	I Sp.	15 Mt. Vernon Ave., Braintree,
		P	Mass.
Stewart, Clarence Augustus, A K E	1913	I Sp.	215 Newbury St., Boston, Mass.
Stewart, Dugald, A.B.	1912	I Sp.	Middlebury, Vt.
Stewart, Frank Douglass	1912	III Sp.	Helena, Mont.
Stewart, Oswald Wellington	1911	I	75 Milton Ave., Hyde Park, Mass.
Stibbs, Franklyn Mosher	1912	XI Sp.	31 Westford Ave., Springfield, Mass.
Stickney, Richard Carlton	1912	III Sp.	6 Prospect Sq., Gloucester, Mass.
Stillman, Frederick Otis	1913	III	4 Waverly Ave., Mclrose, Mass.
Stimpson, Edwin Francis	1911	X	84 Larch St., Providence, R.I.
Stoddart, David Ayars, M.E., AT	1910	VI	Wilkes-Barre, Pa.
Stone, Ralph Townsend	1912	II Sp.	40 Ashland Ave., Buffalo, N.Y.
Stone, Roger Barton	1912	I Sp.	26 Grosvenor Rd., Jamaica Plain,
			Mass.
Stover, Frederick Haskell	1910	VII	20 Olive St., Newburyport, Mass.
Stover, Lester Arthur	1911	II Sp.	2435 15th Ave., S., Minneapolis,
		- 0	Minn.
Strachan, Joseph Joslin	1913	I	371 Grant Ave., Richmond Hill,
Market Committee of the		1992 1993	L.I., N.Y.
Strong, Charles Raymond	1911	IV Sp.	Cincinnati, Ohio.
Stuart, Edward	1910	XI	264 Newbury St., Boston, Mass.
Stuart, Edward Stucklen, Henry William, B.S., Φ Γ Δ	1911	X Sp.	26 Esmond St., Dorchester, Mass.
Stump, Horace Eugene, $\Theta \equiv$	1910	X	5336 Cornell Ave., Chicago, Ill.
Suess, Edward Maurice, B.S.	1911	III	Saltillo, Mex.
Sullivan, Edward Lynch	1912	VI	564 Fifth St., South Boston, Mass.
Summerville, Joseph Anawan	1913	VI	3 Hagar St., Jamaica Plain, Mass.
Sun, To Tan Sutherland, Carroll Arthur, B.S.	1910	III Sp.	Shoachow, China.
	1910	VI Sp.	Technology Cham., Boston, Mass.
Sutherland, Clarence Hale, A.B.	1910	I Sp.	Brunswick, Me.
Suzuki, Ewazo, B.S.	1911	X Sp.	4th Sakae Machi, Kobe, Japan.
Swain, Charles Davis	1913	II Sp.	Boston, Mass.
Swartout, Philip Ephraim	1913	VI Sp.	South Dartmouth, Mass.
Swatzburg, Louis Albert	1913	X	120 Main St., Norwich, Conn.
Sweet, Herbert Alfred, A T Ω	1913 1910	I Sp.	Bridgewater, Mass. Bridgewater, Mass.
Sweet, Myron Knight Swenson, Guy Andrew, A Δ Φ	1912	V Sp. IV Sp.	
	1911	V Sp.	251 Main St., Winchester, Mass.
Symmes, Ernest Montgomery Symonds, Ralph Frederick	1912	ii	103 Stetson Ave., Swampscott,
Symonds, Kaiph Frederick	1014	**	Mass.
			2444000
TO DE TOTAL TO DE P	1010	321	12 Bellevue Ave., Gloucester, Mass.
Taft, Edgar Whittaker, Φ B E	1913	VI	
Taft, Royal Claffin	1913	II Sp.	345 Technology Chambers, Boston, Mass.
Taita Frank Caiffitha & R F	1910	I	Merion, Box 65, Montgomery Co.,
Taite, Frank Griffiths, Φ B E	1910		Pa.
Town Pillat Whitman	1912	VI	22 Chestnut St., Gloucester, Mass.
Tarr, Elliot Whitney	1913	XIV Sp.	19 Park Pl., Newtonville, Mass.
Taylor, Edward Gordon Taylor, Edward Nelson	1913	XIV Sp.	59 Fairbanks St., Brighton, Mass.
	1911	VI	184 Meeting St., Providence, R.I.
Taylor, Frank Carter, Ph.B.	1913	II	15 Allyn Ter., Lawrence, Mass.
Taylor, George Alfred	1010		to really active agent court, but these

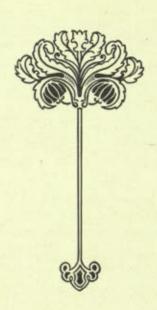
Name	Year	Course	Home Address
Taylor, Horace Van Sands, B.A., $\Sigma \Xi$.	1910	VI	23 Lincoln St., Hartford, Conn.
Taylor, Joseph Ingraham, Φ Σ K	1912	XI	Wiscasset, Me.
Taylor, Philip Weston	1910	I	19 Maple St., Arlington, Mass.
Taylor, Richard Raymond	1910	X	474 Mass. Ave., Boston, Mass.
Taylor, Seymour Howell	1913	IV Sp.	6 State St., Adrian, Mich.
	1913	II .	Haverford, Pa.
Tenney, John Bouve	1913	X	East Bridgewater, Mass.
Terry, Philip Dunbar, A K E	1910	Î	Waterville, N.Y.
Thayer, Geoffrey Rice	1913	VI	24 Mansfield St., Allston, Mass.
Thierfelder, Henry Carl	1913	VÎ Sp.	5 Decatur Sq., Providence, R.I.
Thomas, George Smith, B.S.	1912	XIII Sp.	Carroll, Ia.
	1912	II	68 Grove St., Lowell, Mass.
Thompson, Alvin Goodell	1913	VI	290 Washington St., Brookline, Mass.
Thompson, Harry Havelock	1910	XIV	7 Locust Ave., E. Lexington, Mass.
Thompson, Maurice Raymond	1913	X	2 Black Horse Ter., Winchester,
Thompson, Roland Charles	1910		Mass.
Thomas Uldein	1912	II Sp.	Honolulu, T.H.
Thompson, Uldrie	1910	II	4747 Woodlawn Ave., Chicago, Ill.
Tilden, Merrill William, A K E			Tilton, N.H.
Tilton, Charles Elliott, A.B., Φ B E	1910	III Sp.	23 Abbott Pl., Brockton, Mass.
Tirrell, Henry Stanley	1912	V Sp.	P.O. Box 263, New London, Conn.
Tisdale, Henry Robert, B.S.	1912 1910	I sp.	Youngstown, Ohio.
Tod, Martin Stambaugh	1911	XIV	84 Highland St., W. Newton, Mass.
Tolman, Edward Chace		XI	55 Lexington Rd., Concord, Mass.
Tolman, Edward Mayo, Φ Σ K	1912	V	West Newton, Mass.
Tolman, Richard Chace, S.B.			North Chicago, Ill.
Tomlinson, Daniel A.	1912	I Sp.	527 Woochaey Rd., Shanghai,
Tong, Pao Tung	1912	I Sp.	China.
Torralbas, Rafael J., C.E., B.S.	1910	I	640 J. del Monte, Havana, Cuba.
Torrey, Bates, Jr.	1912	X	12 Tower Ave., S. Weymouth, Mass.
Torrey, William Henshaw	1913	VII	18 Pleasant St., Spencer, Mass.
Townsend, Arthur Lawrence	1913	II	567 Tremont St., Boston, Mass.
Tremere, Benjamin Burrows, Jr., Λ Φ .	1913	III	10 Newsome Park, Jamaica Plain,
			Mass.
Troland, Leonard Thompson	1912	VII	11 Beltram St., Malden, Mass.
True, Guy Winford	1911	I Sp.	29 Sea Foam Ave., Winthrop, Mass.
Truette, Arthur Pierce	1910	II	130 Dean Rd., Brookline, Mass.
Trull, Charles Eustis	1913	VI	604 Main St., Woburn, Mass.
Tsai, Yuan Tze	1910	III Sp.	Huchow, China.
Tuck, Davis Henry	1911	VI Sp.	109 9th Ave., S. Nashville, Tenn.
Tullar, Robert Jackson	1913	VI Sp.	100 East Ave., Waukesha, Wis.
Turnbull, Myrton James, A K E	1910	II Sp.	6 Park Ter., Hartford, Conn.
Tuttle, John Culliton, Θ X	1910	II Sp.	
Tyler, Paul McIntosh	1912	III	92 Beacon St., Hyde Park, Mass.
Tyler, Richard Gaines, C.E.	1910	I	1513 Clay St., Waco, Tex.
27.57			
Theory Common Louis	1912	I Sp.	41 St. Botolph St., Boston, Mass.
Uman, George Louis Underhill, Arthur William, $\Theta \Delta X$	1911	VI VI	83 Ingersoll Grove, Springfield,
Undermili, Arthur William, O A A	1011	100	Mass.
Upham, Edwin Osgood, Φ Σ K	1912	X	124 Cross St., Keene, N.H.
Upton, George Augustus	1919	ï	115 Federal St., Salem, Mass.
Urquhart, John Alexander, Σ A E	1911	XÎ	38 Walden St., Concord, Mass.
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Name	Year	Course	Home Address
Van Alstine, Roy Daniel, B F	1912	I Sp.	Mitchell, S.D.
Van Deusen, Donald Higgins, X Φ	1913	II	441 E. Allen St., Hudson, N.Y.
Van Hovenberg, Henry Waggoner, Σ A E,	1911	XI	412 Congress St., Eau Claire, Wis.
Van Syckel, E. Carhart	1912	III Sp.	26 Park Drive, Brookline, Mass.
Van Syckel, Wallace Acre	1911	III	26 Park Drive, Brookline, Mass.
Vavoudis, Nicholas	1913	VI Sp.	127 Oxford St., Lynn, Mass.
Vickers, Haves Bowers	1912	II	Roseboom, N.Y.
Vining, Ralph Edward	1911	III Sp.	104 Central St., S. Weymouth,
V V . CD AM	0 1	***	Mass.
Vonnegut, Kurt, S.B., Δ T		IV	618 E. 13th St., Indianapolis, Ind.
Vose, Arthur Williams	1912	I	170 Pleasant St., Milton, Mass.
Vose, Edwin Crawford	1911	XI	350 Cabot St., Newtonville, Mass.
Wade, Norman Scruton	1911	II Sp.	Salem, N.H.
Wadsworth, Edward Longfellow, A K E,	1913	I sp.	Eastport, Me.
Wadsworth, Prescott Kingsley, & K E	1910	III	
Wahl Arnold S	1913	V Sp.	Eastport, Me.
Wahl, Arnold S	1911	H Sp.	848 Lakeside Pl., Chicago, Ill.
Waldo, William Ratcliffe	1910	I sp.	645 Beacon St., Boston, Mass.
Waldstein Julius	1911	Î Sp.	110 Grover Ave., Winthrop, Mass.
Waldstein, Julius Walker, Harold Damrell, A.B., X Φ	1912	IV Sp.	72 Revere St., Boston, Mass.
Walker, Laurence Brewster	1912	II Sp.	13 Walnut St., Boston, Mass. 25 Thayer St., Quincy, Mass.
Walker, William Russell	1910	IV Sp.	367 Angell St., Providence, R.I.
Wallace, George Rodney, Jr., A K E	1913	X Sp.	
Waller, Robert Pettit, A.B.	1910	I I	96 Prospect St., Fitchburg, Mass. Bloomsburg, Pa.
Wallis, Richard Parker, A K E	1912	I Sp.	National Arts Club, Gramercy
Commence of the control of the contr	1014	a op.	Park, New York, N.Y.
Wallower, Charles William, Θ Δ X	1910	VI	Harrisburg, Pa.
Walsh, Joseph Vincent	1913	Î	28 Cleveland Ave., Everett, Mass.
Walsh, Louis Sebastian	1912	X Sp.	12 Mayfair St., Roxbury, Mass.
Walton, Orville Charles	1913	VI	714 Winthrop Ave., Revere, Mass.
Walz, Louis William	1910	V Sp.	110 Moran St., Oil City, Pa.
Ward, Merwin Henry	1913	XIV Sp.	3 Garland Way, Everett, Mass.
Wardwell, Austin Kingsley	1912	I Sp.	465 Broadway, Cambridge, Mass.
Warner, Paul Charles	1913	IV Sp.	North Tonawanda, N.Y.
Warner, William Weatherby	1911	I Sp.	172 N. Perry St., Titusville, Conn.
Warren, Van Court, Φ B E	1910	III Sp.	920 W. 28th St., Los Angeles, Cal.
Warshafsky, Benjamin	1913	I	15 Morris St., E. Boston, Mass.
Wasserboehr, Harvey Paul, Jr.	1910	VI Sp.	10 Williams Ave., Hyde Park, Mass.
Waterfall, Harry William	1911	H	53 Fairbanks St., Brighton, Mass.
Waterman, Max Leon, & B E	1913	II Sp.	15a Maple Ave., Winter Hill, Mass.
Waters, Lewis William	1910	V Sp.	195 S. Main St., Orange, Mass.
Watkins, Harold George	1912	I Sp.	43 Elm St., Wakefield, Mass.
Watson, Earle Bradbury	1912	I Sp.	162 Glenway St., Dorchester, Mass.
Watson, George Smyth, Φ Γ Δ	1911	IV	135 Sanger Ave., Dallas, Tex.
Watson, John Craig	1911	III Sp.	Johannesburg, Transvaal, S. Africa.
Watson, Richard Parker	1910	1	47 Bainbridge St., Roxbury, Mass.
Watts, Lawrence, Ph.B.	1911	I	Fort D. A. Russel, Wyoming.
Waymouth, George William	1913	II	2 San Gusto St., San Juan, P.R.
Weatherwax, Lea A'bert	1912	IV Sp.	27 National Bank Bldg., N. Yakima,
water to the state of the state		202	Wash.
Webb, Curtis Christopher, A T Ω	1910	III	1648 Mass. Ave., Cambridge, Mass,

Name	Year	Course	Home Address
Webber, Charles Willis	1912	VI	50 Orris St., Melrose Highlands, Mass.
Webber, Lyle Kerr, Θ Δ X	1913	VI	147 Victoria Ave., S., Hamilton, Ont.
Weeks, Kenneth, AKE	1912	IV Sp.	1728 Beacon St., Brookline, Mass.
Weeks, Robert Walcott	1913	VI Sp.	3461 Lowell St., Washington, D.C.
Welch, John Berchman, A T Ω	1913	Ш	214 Washington St., Winchester, Mass.
Weller, Ernest	1913	VI	25 Dexter Ave., Watertown, Mass.
Welling, William Corcoran, B.A.	1912	VI Sp.	159 Farmington Ave., Hartford,
	22.2		Conn.
Wells, Philip Varnum	1911	VIII	15 Fairview St., Roslindale, Mass.
Wells, Russell D., Δ T Δ	1911	II	Spring City, Pa.
Wells, William Firth	1910	VII	15 Fairview St., Roslindale, Mass.
Welsh, Henry James	1913	III	354 Hancock St., Quincy, Mass. Santa Fe, New Mexico.
Weltmer, Noyes	1911	II Sp.	1020 Miffin St., Lebanon, Pa.
Wengert, William Henry, B.S.	1910	XI	7 Park Ave., Malden, Mass.
Wentworth, John Prescott	1910	VI	11 Park St., Danvers, Mass.
Wentworth, Philip Montgomery, Σ X	1912	XI Sp.	4348 Grand Blvd., Chicago, Ill.
West, William Charles, Φ K Σ Wetherbee, Chester Preble	1913	X Sp.	32 Burroughs St., Jamaica Plain,
Wetheroee, Chester Frenie	1010		Mass.
Wettengel, Everett Brockway	1912	V Sp.	313 Buffalo St., Fulton, N.Y.
Wheeler, Thorn Lake, B.A., B O II	1911	X Sp.	Chatham, N.Y.
Whipple, Robert Everett	1912	III	30 Arthur St., Beverly, Mass.
Whiteomb, Emmons Joseph	1911	X	358 Broadway, Winter Hill, Mass.
White, Cyrus Newell	1911	XI	266 Albion St., Wakefield, Mass.
White, Lester Marius	1912	X Sp.	426 E. 46th St., Chicago, Ill.
White, Peter Desmond, $\Lambda \Phi$	1911	II Sp.	326 West End Ave., New York,
With the Lawrence Control	1010	П	N.Y.
White, Raymond Wheelock	1913		29 Summit Ave., Norwood, Mass. 75 Hollingsworth St., Lynn, Mass.
White, Russell Milton Whitehead, Walter Lucius, Φ K Σ	1912	VIII	Waltham, Mass.
	1911	VI	46 Mountfort St., Boston, Mass.
Whithed, Houghton Hamilton, Σ X Whitman, Percy Greene, Φ Γ Δ	1913	III Sp.	12 Dartmouth St., Somerville,
Property of the Control of the Contr		- mark	Mass.
Whitney, James Theodore	1910	IV	13 Gould St., Wakefield, Mass.
Whitney, Stanley Nathan, B.A.	1911	IV Sp.	Westminster, Mass.
Whittemore, Theodore Browning, A K E,	1910	XI II	215 Newbury St., Boston, Mass. 10 Regent St., West Newton, Mass.
Whittlesey, John Eddy, θ Δ X	1912		68 Charles St., Dorchester, Mass.
Whorf, Allison Howes	1911	III Sp.	Staffordville, Conn.
Wilson Harold Raymond	1910	VI Sp.	Kingston, Mass.
Wildes, Kenneth Neil	1912	I Sp.	85 Richardson Rd., Melrose High-
	1012		lands, Mass.
Wilds, John Law, B.S., O A X	1911	II Sp.	Darlington, S.C.
Wilfert, John Henry	1913	II	228 Crescent Ave., Revere, Mass.
Wilkes, Gordon Ball, Φ B E	1911	II	495 Lafayette Ave., Buffalo, N.Y.
Williams, Howard David, Θ Δ X	1911	XI Sp.	83 Magnolia Ter., Springfield, Mass.
Williamson, Donald Voorhis, Φ B E	1910	II	19 Beals St., Brookline, Mass.
Williamson, Paul Revere	1912	I	Mansfield Centre, Mass.
Willis, Charles Main	1912	IV	9 Vincent St., N. Cambridge, Mass.
Willis, Sumner Chapin	1911	I Sp.	47 Wheatland Ave., Dorchester, Mass.
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Wilson, Albert Olof	Name	Year	Course	Home Address
Wilson, Chester W., Θ X 1910 II 5 Morse St., Newton, Mass. Wilson, Irving White, X Φ 1911 XIV Bloomington, Ill. Wilson, Raymond Everet 1912 II 15 Bayard St., Allston, Mass. Wilson, Ronald Munro 1913 I Sp. Kennebunk, Me. Wilson, Walter Chisholm 1911 X 24 Washington St., Reading, Mass. Winsor, Bancroft 1912 II Sp. 44 Washington St., Reading, Mass. Wise, Jacob Samuel, B.S. 1912 IV Pairhaven, Mass. Wise, Jacob Samuel, B.S. 1912 IV Pairhaven, Mass. Wise, Jacob Samuel, B.S. 1912 IV Pairhaven, Mass. Wise, Jacob Samuel, B.S. 1912 IV Pemberton St., Reading, Mass. Wise, Jacob Samuel, B.S. 1912 IV Promberton St., Reading, Mass. Wise, Jacob Samuel, B.S. 1912 VI Promberton St., Cambridge Wise, Jacob Samuel, B.S. 1912 VI Promberton St., Cambridge Woolling, Herbert Louis 1913 VI Promberton St., Cambridge <tr< td=""><td>Wilson Albert Olof</td><td>. 1911</td><td>1</td><td>302 Columbia St., Cambridge, Mass.</td></tr<>	Wilson Albert Olof	. 1911	1	302 Columbia St., Cambridge, Mass.
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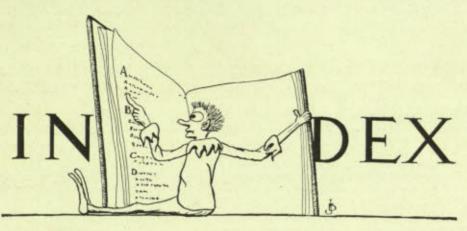
Zimmerman, Rufus Eicher, Ph.B., Φ K A, 1911 X Sp. Mt. Pleasant, Pa.





TECH, we love thee. Stern thou art. Teach us each to play that part Which, in this world's toil and strife, Means to us success in life. If, in future years, thy fame Must depend upon the name Given thy sons for deeds well done, Then here must they first have won Strength untiring, honor true, Courage, energy to do, Will to work and mind to plan, Faith in self and trust in man. Fortify us, Tech, while here! Give us courage and good cheer! In these leaves our works are shown, Here a thousand deeds we own. Years hereafter we may see How we learned our ways from thee.





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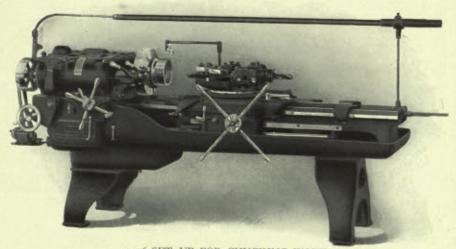
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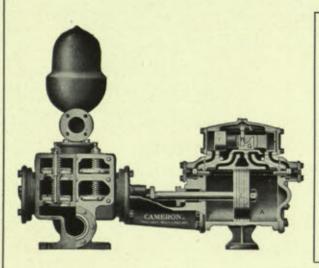
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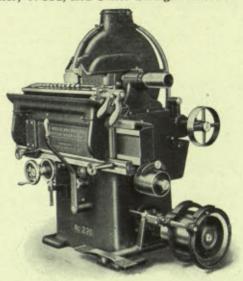
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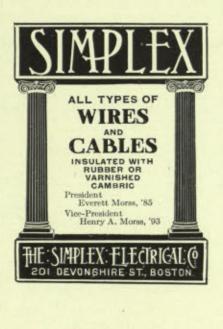
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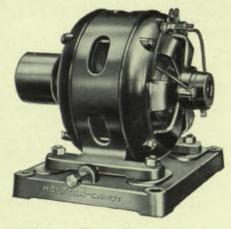
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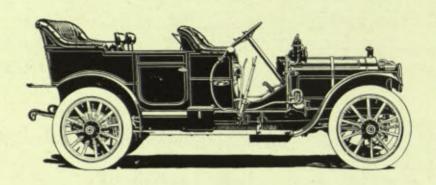
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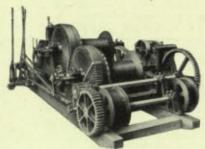
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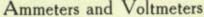
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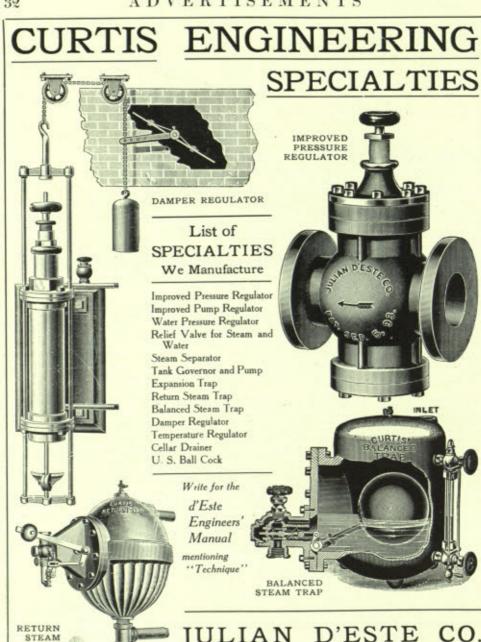
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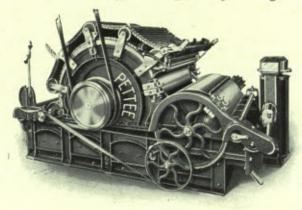
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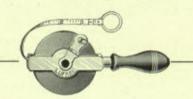
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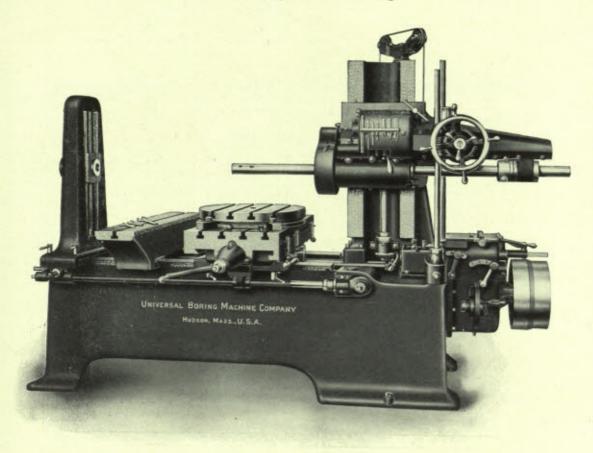
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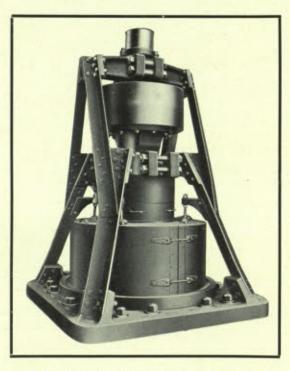
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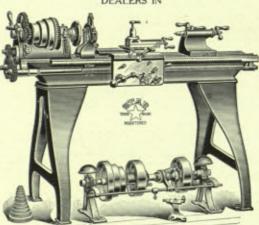
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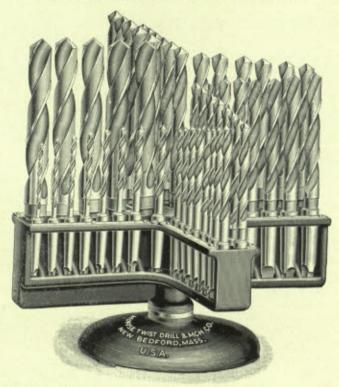
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