Part I: Jefferson Medical College 1885 to 1895 (pages 191-230)

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This class was the last in which the thesis was a requirement for graduation. Subsequent classes were approved for the degree by a written examination. This was the first of a series of changes in educational policy dictated by the increasing complexity of the subject matter and was soon to be followed by curricular and course improvements.

The most prominent member of this class of 176 was its valedictorian, John Chalmers DaCosta, destined to become the first Gross Professor of Surgery, who would extend the tradition of the great Jefferson professors of surgery well into the twentieth century (Fig. 113). Dr. DaCosta was a resident for thirteen months at the old Blockley (Philadelphia General) Hospital and then Assistant to the Insane Department. In 1887 he became Clinical Assistant in the surgical clinic of Professor Samuel W. Gross and two years later an office assistant to W.W. Keen. His writing and literary career soon evolved and at age 31 he published his *Modern Surgery, General and Operative*. His skills as a teacher and author were soon recognized and in 1910 he was appointed to the Chair of Surgery as the Samuel D. Gross Professor. He became widely known as an orator and writer in addition to his clinical achievements. His Wednesday clinics attracted overflow audiences which frequently included famous visiting surgeons (Fig. 114). Jefferson remembers Dr. DaCosta as one of its greatest sons.

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Fig. 113. John Chalmers DaCosta (JMC, 1885), first Samuel D. Gross Professor of Surgery (1910-31).
Fig. 114. Surgical clinic of Professor John Chalmers DaCosta in “pit” of 1877 Hospital (ca.1905). Note visiting dignitaries in inner ring and the “old operating table” previously used by Samuel D. Gross (also depicted in the Gross Clinic painting by Eakins).
Walker, Richard P., MO
Walton, Levi S., PA
Warder, Charles B., PA
Waterman, Francis C., PA
Way, Julius, NJ
Weaver, John D., PA
Wheeler, Walter Sewell, MO
Williams, J. Franklin, PA
Williams, Evan, PA
Wilson, James H., PA
Wright, Robert Lee, TN
Wright, Thomas Briggs, Jr., KY
Yokum, Humboldt, WV
Zauner, Robert H., PA

Lower lecture hall of Jefferson Medical College (ca 1880s)
Note Gross Clinic painting on side wall.
William M. Sweet became the fourth chairman of the Department of Ophthalmology at Jefferson in 1925 (Fig. 115). Following graduation he studied ophthalmology at several European centers and returned to Jefferson’s Eye Clinic in the next year. He developed methods of localization of intraocular foreign bodies and with the advent of x-rays in 1895 he added roentgen study to his experiments. The Sweet-Manges method soon became well known with the designing of special magnetic devices for removal. Dr. Sweet was long associated with Wills Eye Hospital first as roentgenologist and later as ophthalmic surgeon. He was also an editor and writer for ophthalmic publications and an officer of the American Ophthalmological Society for many years.

Chevalier Jackson was to become the most famous in this class of 223 (Fig. 116). A multi-talented man, he began the practice of laryngology in Pittsburgh, Pennsylvania, and then studied with Sir Morell Mackenzie in England before going on to major contributions in laryngology.
during the next twenty years. He was Professor of Laryngology at the University of Pittsburgh from 1912 to 1916. In 1916 after his invention of the bronchoscope and introduction of new procedures in esophagoscopy and gastroscopy he moved to Philadelphia where he became Professor of Laryngology at Jefferson. His career broadened and he progressed to academic appointments in four other Philadelphia medical schools. In 1924 he was named to the chair of the new Department of Bronchoscopy and Esophagoscopy which he held until his resignation in 1930 when he organized the Jackson Clinic at Temple University School of Medicine. Dr. Jackson was an innovator and mover, having been responsible for legislation relative to protection of children from swallowing and inhaling objects and substances which he showed to be hazardous. During his long and productive career his publications were widely translated and he was decorated and feted throughout the world for his achievements. Skilled in drawing and painting, he illustrated most of his own publications. He was a leader in many medical organizations.

William M.L. Coplin, a native of West Virginia, began his work at Jefferson with pathological specimens as a student and after his Jefferson internship was appointed Assistant Pathologist to Philadelphia General Hospital in 1892. After a year (1895/96) as Professor of Pathology at Vanderbilt University, he returned to Jefferson as the second Professor and Chairman of Pathology and Bacteriology (Fig. 117). From 1905 to 1907 he served as Director of the Department of Public Health and Charities for the City of Philadelphia in which post he organized the Hospital for Contagious Diseases. Dr. Coplin’s services to Jefferson were important and varied at a critical time in its history.

Allemán, L. A. Welles, NY
Allison, Robert Wilson, PA
Atlee, James Humphries, TN
Barker, T. Ridgway, PA
Barnfield, John Humes, PA
Bates, William Edgar, PA
Beach, George Brown, PA
Bickers, Alston Hubert, KY
Biesecker, James Ellsworth, PA
Blalock, Alonzo L., FL
Blanch, Joseph Elwood, PA
Bonwill, Howard G., NJ
Bossart, Harry Sherman, PA
Brady, Elliott Thomas, VA
Bricker, William Henry, PA
Brosius, William Hayes, PA
Brown, Robert Emmett, GA
Brown, Edwin, PA
Bruere, Abel T., NJ
Bucks, W. Frank, PA
Bullock, George D., RI
Bush, James H.J., DE
Butt, Abijah, PA
Butt, Virgil R., NC
Byars, Henry Tipton, TN
Cahall, Laurence M., DE
Campbell, Tobias, PA
Campbell, Charles Lawrence, PA
Care, James Roberts, PA
Carhart, Henry Osborn, NJ
Carr, Benjamin Franklin, MO
Casselberry, Harry Brundage, PA
Cato, Robert Eugene, GA
Chamberlain, John W., PA
Chilcott, Benjamin Franklin, PA
Clark, Whipple W., NC
Clayton, Joshua, DE
Coober, Harry Ross, PA
Coplin, William M. Late, WV
Courtney, David H., WV
Coyle, Henry Joseph, PA
Crowell, William David, NC
Culler, John F., OH
Davis, Nehemiah, NJ
Davis, Marshall A., PA
Deakyne, Clarence G., PA
DeFord, Moses, PA
Detwiler, Edwin Landis, VA
Dickey, Clarence Dudley, CA
Dieterich, George, Jr., PA
Dinsmore, Willard Edwin, ME
Dirmitt, Charles H., PA
Donaldson, Allen B., KY
Drumheller, Francis Edward, PA
Ellegood, Robert, DE
Ely, Harry Birney, PA
Emley, Herbert H., NJ
English, William Hope, PA
Fig. 117. William M.L. Coplin (JMC, 1886), Commanding Officer of Jefferson's Base Hospital No. 38 in World War I and Chairman of Pathology (1896-1922)
Moore, Henry Boynton, ME
Moore, Brutus Caesar, NC
Morris, Joseph B., PA
Morrow, William Howard, PA
Morton, Alexander R., PA
Mosier, George W., PA
Moyer, Jacob Donelson, PA
Murphy, Henry Cloyd, TN
Murray, Bayard, PA
Nock, Thomas Oliver, DE
Norred, Charles Henry, IL
Osburn, Curran D., OR
Parker, James Pleasant, MO
Payne, John, AL
Perrine, Edmund Kirby, PA
Peters, Jacob Markwood, PA
Phillips, Charles. Montaque, WEST INDIES
Plass, Charles F.W., PA
Porter, J. Elmer, PA
Preas, James Henry, VA
Purvis, William Reginald, AL
Quick, Jacques Voorhees, NJ
Rafferty, Benjamin F., KY
Ralston, George Foster, PA
Ramsay, Robert Warren, PA
Reed, I. Bebout, PA
Reeve, John Charles, OH
Rendleman, John J., IL
Richardson, William James, TX
Riggs, Edward Elder, PA
Riley, James Archer, OH
Rinehart, Milton, PA
Rinehart, William T., PA
Rockwell, William, NOVA SCOTIA
Saalfrank, Charles W., PA
Salinger, Julius Lincoln, PA
Santee, Andrew Curtin, PA
Saulsbury, James K., MD
Schlemm, Horace Edmund, PA
Scholl, Benjamin Franklin, PA
Schulze, Henry Louis, PA
Seitz, Frederick, PA
Servoss, Archibald Gooding, IL
Shastid, William Edwards, IL

Sherk, Harry Huber, NJ
Shoemaker, George Eichholtz, PA
Sidebotham, Henry Larned, PA
Siegler, Lewis Franklin, PA
Sittler, Albert Monroe, PA
Smith, William Jackson, VA
Snow, Leslie Woodruff, UTAH TERRITORY
Spangler, Jacob Benson, PA
Stevens, William Alexander, PA
Stouffer, Peter Jr., OH
Stout, Harry A., NJ
Stratton, Robert Thompson, CA
Strock, Frederick Gelwicks, PA
Sweet, William Merrick, PA
Tantum, Percy L., DE
Tayler, Thomas George, IL
Taylor, Robert Alexander, PA
Teed, John Francis, NEW BRUNSWICK
Teters, Benjamin Franklin, OH
Thistle, Joseph Long, WV
Thorne, John Mairs, MN
Tren, Aaron, RUSSIA
Trout, William Wesley, NJ
Tuilidge, George Bowler, DE
Tupper, Charles Osborne, NOVA SCOTIA
Valls, Bartholomew, TX
Vance, John Harris, PA
VanSickle, Frederick L., PA
Varrel, Frank Martin, PA
Walker, Joseph F., MO
Wallace, William C., PA
Walsh, John Joseph, PA
Weeks, Job Harry, NJ
West, Warren Finley, TX
West, John Wilson, OH
West, Samuel Albert, OH
White, William Preston, TX
Williamson, Joseph Harper, IL
Wilson, Robert Henry T., DE
Wilson, Preston, PA
Winger, Franklin, PA
Wintersteen, John Charles, PA
Wiseman, William Albert, IL
Woodruff, Charles E., PA

"Preach a crusade against ignorance."

(A motto of Thomas Jefferson)
Commencement was held at the Academy of Music on April 5, with award of the Doctor of Medicine Degree to 187 graduates by President of the College, Dr. Emile B. Gardette. The Valedictory Address was delivered by James W. Holland (JMC, 1868, Fig. 78), Professor of Medical Chemistry and Toxicology. Dr. Holland became Dean of the College the same year, a position he was to fill with distinction for the next 29 years (until 1916).

In 1887, Dr. W.W. Keen (JMC, 1862, Fig. 67) operated at St. Mary’s Hospital in Philadelphia, using Lister’s principles of antisepsis, on a patient with an accurately localized large meningioma of the brain. It was the first brain tumor successfully removed in America and the patient lived without recurrence for more than 30 years. Two years later (1889), Keen would take the Chair of Principles of Surgery and Practice of Surgery at Jefferson vacated by the premature death of Samuel W. Gross.

Hayward Glazier Thomas studied abroad after graduation and became Professor of Diseases of the Eye, Ear, Nose and Throat in the Oakland College of Medicine and Surgery at Oakland, California. He also served as President of the Alameda County (California) Medical Association (Fig. 118).

Henson Foster Tomb served for four years as pension examiner under President Cleveland, and he also became President of the Cambria County (Pennsylvania) Medical Society (Fig. 119).

Green Robbins Hulsizer served as Resident Physician in the Jefferson Medical College Hospital. He practiced in Philadelphia where he became Police Surgeon of the 7th District, Assistant Chief Surgeon with the Police and Fire Departments, Assistant Medical Inspector of the Bureau of Health of Philadelphia, and Commander of the Philadelphia Medical Emergency Corps (Fig. 120).
Durham, Alexander Franklin, Jr., GA
Edmonds, Andrew, PA
Eiseman, Reuben, PA
Elliott, Washington Franklin, PA
Fahr, John William, PA
Feltwell, A. Lincoln, PA
Ferry, Franklin Forrest, PA
Fields, Alpheus, NC
Fisler, Charles Davis, NJ
Fithian, Joel W., NJ
Floyd, Charles Slocum, PA
Fockler, George W., PA
French, Edward Everett, PA
Friedel, Alexander A., TN
Garrison, William R., OH
Glass, Joseph Hoopes, PA
Goddard, Jefferson Davis, KS
Gose, John Robert, WASHINGTON TERRITORY
Graham, Norman Robert, PA
Graham, Edwin Elden, PA
Gregg, Sparrow T., OH
Grim, George Melvin, PA
Guiher, Horace Binney, PA
Haas, William David, LA
Hamilton, William Thomas, PA
Harman, Henry M., PA
Hays, Jefferson Davis, AR
Heiser, William Henry, PA
Helm, Charles E., PA
Henlen, Benjamin Augustus, KS
Hill, John Boadley, KS
Holcomb, Charles Milo, KS
Holcomb, Guy Carleton, PA
Hoover, Andrew Jefferson, NC
Hopkins, Robert Black, DE
Howell, Andrew Rufus, AR
Howell, Aaron, NJ
Howsley, William M., KS

Fig. 118. Hayward Glazier Thomas (JMC, 1887), Professor of Diseases of the Eye, Ear, Nose and Throat in Oakland (California) College of Medicine and Surgery.

Fig. 119. Henson Foster Tomb (JMC, 1887) served as pension examiner under President Cleveland.
Fig. 120. Green Robbins Hulsizer (JMC, 1887), physician and surgeon to Police and Fire Departments, Bureau of Health and Medical Emergency Corps of Philadelphia.
Smith, Edward Lincoln, PA
Smith, Harry Martin, PA
Smith, Henry Harrison, PA
Smith, James Edward, PA
Smith, Jeremiah Peter, PA
Souder, Lewis Reed, NJ
Stephen, John Michael, PA
Stigers, P. Ellwood, MD
Strack, David, PA
Sturges, William Warren, PA
Thomas, Hayward Glazier, CA
Thompson, John Joseph, MA
Thornley, William James, PA
Tomb, Henson, F., PA
VanBuskirk, Samuel Levick, PA
Vannort, Joseph Adams, MD
Vest, Frederick Eugene, IA
Walker, Thomas Davis, PA
Waltemeyer, John Tassey, KS
Waters, George W., PA
Watkins, David C. T., AUSTRALIA
Webb, William Ezekiel, PA
Wehner, William H.E., PA
Wells, Joseph Edgar, NEW BRUNSWICK
Wiley, Frank Hughes, PA
Williams, Martin Henry, Jr., PA
Williams, Thomas B., PA
Wood, William Alva, TX
Woods, Henry Lewis, PA
Zacherle, Otto Frank, PA
Ziegler, George William, PA

Library of College of Physicians of Philadelphia (1863-1909)
A major natural disaster occurred in Johnstown, Pennsylvania, in March 1888 with massive loss of life and property. Among the survivors who rode out the flood on a barn roof was a ten-year-old boy, Victor Heiser (Fig. 139), who would graduate from Jefferson Medical College in 1897 and bring honor to the College through his pioneering exploits in international health.

In this class of 188, George M. Gould, a native of Massachusetts, received honorable mention in the prize competition for the best thesis. The prize was provided by the Medical News, which publication Dr. Gould later edited for five years (1891-95). Trained in ophthalmology, he developed a major interest in medical literature. He was editor of the American Year Book of Medicine and Surgery, a series of medical dictionaries, and the Philadelphia Medical Journal (1898-1900). Of most interest to Jeffersonians was his two-volume The Jefferson Medical College of Philadelphia, A History. Published in 1904, it was a comprehensive study of the College and many of its graduates. It constituted an important resource for future Jefferson historians (Fig. 121).

The winner of the prize for the best essay on a subject pertaining to the Practice of Medicine was Augustus A. Eshner of Pennsylvania. Dr. Eshner became well known as a clinician with many interests and hospital appointments. He was physician to the Philadelphia General Hospital, the Philadelphia Orthopaedic Hospital, the Hospital for Diseases of the Lungs in Chestnut Hill and for a time was an instructor in clinical medicine at Jefferson.

Robert L. Gibbon of North Carolina, a brother of John H. Gibbon, Sr. (Professor of Surgery at Jefferson 1907-31), also pursued a career in Surgery and in 1919 became Professor of Surgery in North Carolina Medical College.
Fig. 121. George M. Gould (JMC, 1888), ophthalmologist, editor, and author of a two-volume history of Jefferson Medical College (1904).
Money, Philip Monroe, DE
Morrow, John Riddle, PA
Muller, Carl Louis, CA
Neel, George Pressley, SC
Neff, James Woodbury, PA
Newcomer, Frank Sherick, MD
Noble, Harvey Read, OH
Nusbaum, David Hamilton, IL
O'Connor, John Hugh, PA
Oliver, David H., NJ
Patterson, William Stuart, PA
Payne, Carl Forsythe, IN
Peirce, Isaac, VA
Pelham, James Wardlaw, SC
Person, John Adam, PA
Pfeiffer, Theodore P.F., PA
Pope, Irvine Clarendon, MA
Porter, Clifford Charles, PA
Pragheimer, Jacob S., PA
Reifsnyder, Joseph Calvin, PA
Ritter, F. H.S., PA
Robinson, Richard Fillmore, PA
Rocap, William Allen, PA
Rogers, Benjamin H., PA
Rosenthal, Jacob, PA
Ruch, William Starick, PA
Runkle, Stuart Calvin, PA
Ryan, Laurence Reginald, IL
Ryan, Michael C., PA
Sampsell, Charles Paul, OH
Schwartz, Frederick, PA
Shaffer, Cornelius Thaddeus, OH
Shepard, George Andrew, CT
Sherman, Henry Arthur, MA
Sherman, William Sprague, RI
Shimp, Archie Joseph, CA
Slifer, Frank Sebring, PA
Smith, Edwin Glenn, PA
Speck, George McClellan, PA
Spence, David Walter, IL
Starnes, E. Clingman, NC
Stedem, Joseph P. H., OH
Stewart, Charles B., WASHINGTON TERRITORY
Styler, Daniel Webster, PA
Swearingen, A. William, IA
Tait, Thomas Walker, PA
Talbot, Ashton Buchanan, PA
Terhune, Archibald, Alexander, TX
Tevis, Samuel, CA
Thomas, George Perce, PA
Thompson, John R. C., NJ
Thornley, Frederick Clinton, PA
Umsted, Jonathan R., PA
Van Dyke, George Marion, PA
Vaughan, Horace, DE
Wasson, James Elliot, PA
Webb, Walter, PA
West, Frederick B., PA
Wheat, Lewis Emerson, PA
White, Frederick Allen, ME
Whittington, William L., MO
Wickert, Henry Jonas, PA
Wilkinson, Chester Ambrose, PA
Willsey, Judson, T., ID
Wilson, Elmer E., NY
Wilson, William Reynolds, PA
Woods, John Franklin, Jr., PA

Receipt for 1888 Anatomy Quiz.
The students of this graduating class were the first to benefit from five clinical lectureships established within the Hospital to provide the latest instruction in the evolving specialties of the times. They were administered as follows: Oscar H. Allis (Orthopaedic Surgery), Charles E. de Medici Sajous (Laryngology), Oliver P. Rex (Children’s Diseases), A. Van Harlingen (Dermatology), and James C. Wilson (Renal Diseases). Practical instruction was also given in the use of the laryngoscope and ophthalmoscope.

In this year the Johns Hopkins Hospital as well as the Mayo Clinic opened. Halsted at Hopkins introduced rubber gloves into surgery and devised new operations for inguinal hernia and cancer of the breast. McBurney described the topographic site of the appendix which bears his name and advised early operation for appendicitis. Von Mering and Minkowski produced experimental pancreatic diabetes. The scientific age of medicine was thus gaining momentum.

The number of graduates was 212, of which 102 were from Pennsylvania and the remainder from 28 States, Canada, New Brunswick, Brazil, Mexico, Colombia, and Spain. The Valedictory Address was delivered by Dr. William Smith Forbes, Professor of Anatomy.

Charles Frederic Pettibone established an active clinical practice in Philadelphia, but in addition was active in Jefferson Medical College and Hospital as Assistant Physician in the Medical Clinic, Chief of the Children’s Clinic, and instructor in Diseases of Children (Fig. 122).

Charles George Geiger, after a year’s study in Vienna, established his practice in St. Joseph, Missouri. He became Professor of Surgery and Genito-Urinary Diseases in Ensworth Medical College of St. Joseph (Fig. 123). In addition to serving as Attending Surgeon and Chief to the Ensworth Medical College Hospital, he contributed to the surgical, gynecological and urologic literature.

### Class of 1889

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Donough, William Edgar, PA
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Dutton, Willard Oliver, PA
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Edwards, Richard Travis, TX
Espey, John Robert, IN
Evans, Edmund Haun, PA
Everson, Malcolm Wayland, PA
Farrell, Henry William, MA
Ferguson, Charles Singleton, KS
Fitzgerald, Jesse York, NC
Flemming, Daniel William, PA
Fowler, Charles Edgar, CA
Fowlkes, Tilley, TX
Frame, Cornelius Aultman, OH
Frazier, James William, IA
Fredericks, William James, PA
Freiday, William Gustav, NE
Frist, Harry Morrison, DE

Frost, Ellis Freedom, RI
Fulper, Theodore Burd, NJ
Geiger, Charles George, MO
Garth, David I., PA
Graham, William Turbett, PA
Greeson, George Alexander, MO
Groninger, Wilson Sherman, PA
Haines, Samuel Howard, NJ
Hall, Joseph Underwood, Jr., CA
Hamill, John Frederick, PA
Hamilton, Willis, PA
Hamilton, George Matthews, WV
Harris, John Scott, CANADA
Hart, Joseph, PA
Heintz, John P. E., CA
Hesser, Charles Le Grand, OH
Highsmith, Jacob Franklin, NC
Hopper, Thomas Thompson, PA
Hottenstein, William Jacob, PA
Howell, Elmer Ellsworth, IA

Fig. 122. Charles Frederic Pettibone (JMC, 1889), active in Pediatrics at Jefferson Medical College and Hospital.

Fig. 123. Charles George Geiger (JMC, 1889), Professor of Surgery and Genito-Urinary Diseases in Ensworth Medical College of St. Joseph, Missouri.

1889

207
Jennings, Charles Hinchman, NJ
Johns, Jacob Rohrer, PA
Johnson, Charles Munich, PA
Judge, Hugh L., WV
Karterman, William D., PA
Kauffman, Emanuel, KS
Kendig, Jerome Stauffer, PA
Kensinger, William Henry, NJ
Kessler, Samuel Fritz, MO
King, John Wesley, PA
Kinnear, Claude Hamilton, VA
Kirk, James Newton, WV
Klapp, Joseph, PA
Kline, Edmund James, PA
Klopp, Eli Leinbach, PA
Klugh, Oliver Ringwalt, PA
Koontz, David Michael, PA
Krell, Frederick Balthazer, PA
Larendon, George W., TX
Leal, Pedro Noriega, MEXICO
Leonhardt, Samuel Chester, VA
Leslie, LeRoy K., PA
Levengood, Brooklyn B., PA
Longfellow, Austin Harris, ME
Luckett, Charles Davis, IN
Machle, Edward Charles, OH
Maddox, John Dayton, KY
Makuen, George Hudson, NY
Manning, David Franklin, MO
Manning, Charles Jacob, PA
Marrow, Hunter, VA
Marsh, John Henry, NC
Martin, William, NJ
Mattern, Samuel Grey, PA
McCologan, James, CANADA
McCoy, Charles Wayne, OH
McLaughlin, Charles Michael, MD
McLeary, Samuel Bismarck, TX
Meigs, Joe Vincent, MA
Mickley, Howard Peter, PA
Miller, William Ischee, PA
Miller, Clinton R. DeWitt, MD
Miller, William McAvery, PA
Miller, John Hancock, CO
Miller, Charles William, PA
Mitchell, Franklin Theodore, TX
Mitchell, John Willis, AR
Morgan, James Hamilton, DE
Nalle, William Theodore, KY
Neall, Charles H.M., PA
Newgarden, George Joseph, PA
Nixon, Warford L., NJ
O’Neill, Patrick Joseph, CA
Osmun, William Finley H., PA
Owen, William Llewellyn, PA
Oyer, William Collins, PA
Parmelee, Elmer Stuart, CT
Pennington, Charles Arthur, AR
Peters, Joel Monroe, PA
Pettibone, Charles Frederick, CT
Purvis, William Emmet, IN
Radcliffe, William Mann, PA
Ralston, Samuel Elmer, PA
Reigle, Erasmus Lear, PA
Rice, Frederick Whitney, PA
Ritchie, George Franklin, PA
Robinson, James Weir, PA
Rogers, Thomas Daniel, NJ
Ross, Matthew Wilkinson, PA
Ruiz, Jesus, COLOMBIA
Russell, Walter Judson, PA
Rutledge, Albert Thompson, PA
Salas, Juan Francisco, SPAIN
Sapp, Luther Lafayette, NC
Scott, S. Horace, PA
Seright, Thomas Clinton, OH
Serra, Arthur Alves, BRAZIL
Serra, Norberto Alves, BRAZIL
Service, John Haymaker, PA
Shelton, Edwin Bryant L., KY
Shenk, George Rigler, PA
Shields, Alexander McMakin, KY
Shope, Elias Lincoln, PA
Shumaker, Luther M., PA
Simmons, Richard Gordon, VA
Skelly, Charles Jackson, PA
 Slater, George Wishart, KS
Smith, Frank Ir, PA
Snyder, Abram Elias, PA
Snyder, Emanuel Walton, PA
Southern, Frank L., NJ
Spence, William Bayne, PA
Spencer, Boyd Cook, PA
Stapp, M. Robertson, MO
Statler, Frank B., PA
Steckman, Philip McClellan, MO
Sterner, Oliver Henry, PA
Strickland, Melville Cox, NC
Sutton, William Gordon, NC
Swayne, Howard Roeder, PA
Swiler, Robert David, PA
Taxis, Herbert John, IL
Thompson, Harry H., PA
Thompson, James Buell, PA
Thompson, Whitefield Nelson, ME
Townes, Isaac Johnson, KY
Tucker, Joseph Ellison, MO
Vincent, Thomas N., MN
DOCTOR AND PATIENT.

BY

S. WEIR MITCHELL, M.D., LL.D. HAVY.
MEMBER OF THE UNITED STATES NATIONAL ACADEMY OF SCIENCES, PRESIDENT OF THE COLLEGE OF PHYSICIANS OF PHILADELPHIA, FELLOWSHIP TO THE ORTHOPAEDIC HOSPITAL AND INFIRMARY FOR NERVOUS DISEASES.

INTRODUCTORY.
The Physician.
Convalescence.

THIRD EDITION.

PHILADELPHIA:
J. B. LIPPINCOTT COMPANY.
LONDON: 10 HENRIETTA STREET, COVENT GARDEN.
1889.

S. Weir Mitchell (JMC, 1850, Fig. 45), famed novelist and pioneer neuropsychiatrist.
On April 2, the 220 graduates of this class received their diplomas from the Honorable James Campbell, President of the Board. The Valedictory Address was delivered by Henry C. Chapman, Professor of Physiology. This large class numbered 12 from foreign countries as follows: Brazil (2), Nicaragua (2), Russia (2), and one each from Mexico, New Brunswick, France, Scotland, Germany, and China. Some of these out-of-country graduates won prizes, such as the Prize of $100 sponsored by the *Medical News* for the best Thesis embodying original research to Enrique Solorzano of Nicaragua, and a Gold Medal for the best Essay pertaining to Obstetrics to Charles S. Spivak, of Russia, with honorable mention of Jose D. Espinosa, of Nicaragua.

At a general meeting, the members of this class adopted the school colors, light blue and black, each of equal width. Louis D. Bauer of this class was present at the meeting and passed the information on to his son, Edward L. Bauer (JMC '14, Professor of Pediatrics at Jefferson, 1926 to 1954). Through the years the colors have been used on pins, badges, flags, banners and pennants. James W. Holland (Dean, 1887-1916) authorized the use of light blue and black in the cowls attached to the back of the academic gowns worn by recipients of Jefferson degrees, but the date of its inception is not recorded. The colors have been regarded as authentic, although never adopted officially by the Board of Trustees or the Faculty. The Class of 1890 acted arbitrarily in what has become one of Jefferson's entrenched traditions.

Arthur Dare, of Pennsylvania, served on Jefferson's Outpatient Medical Staff for many years and invented the Dare hemoglobinometer which remained in use in the Hospital until 1941.

E. Quinn Thornton, of Alabama, distinguished himself by collaborating with Dr. Hobart A. Hare, Professor of Therapeutics, in a *Study of the Influence of Chloroform upon the Respiration and Circulation* for the Nizam of Hyderabad (India). The silver plate he received in recognition of this work is preserved in Jefferson's Archives. Thornton (Fig. 124) went on to become Professor of Materia Medica and Therapeutics at Jefferson in 1932, following the death of Professor Hare.

Adams, Ellsworth Smith, NJ  
Allen, Edgar, PA  
Allen, Carritte Arthur, NEW BRUNSWICK  
Angstadt, Thomas Miller, PA  
Apple, Ammon Andrew, PA  
Archibald, Charles Harvey, CA  
Babcock, Franklin Elisha, MA  
Backmann, Edward F., PA  
Bair, George Elmer, PA  
Baird, Thompson McDannold, VA  
Baker, Frank Kline, PA  
Barker, John Albert, PA  
Barnum, Henry Weston, NY  
Barr, John C., PA  
Barth, James Buchanan, MD  
Barton, Herbert Parks, MA  
Bauer, Louis Danme, PA  
Beck, Walter Milroy, KS  
Beddoe, Benjamin Griffiths, PA  
Beitzel, Charles Wesley, PA  
Bell, John Forrest, PA  
Beyer, John Jacob, PA  
Bicker, Francis Joseph, PA  
Blair, John A., PA  
Blomer, George Davis, Jr., PA  
Bold, Valentine Jacob, PA  
Bolton, Joseph Peeky, PA  
Bonham, James William, NY  
Bortree, Thomas W., PA  
Bradfield, George M., PA  
Brisbin, Charles H., PA  
Brown, Zalmon Kent, WV  
Brown, Frederick Kendall, DE  
Brugler, DeWitt, PA  
Bruner, John Willet, PA  
Burt, Ingram E., PA  
Campbell, Ralph Rankin, PA  
Chabut, Louis, FRANCE
Chambers, William James, NY
Chelf, Hugh Tucker, VA
Cobbe, Frank Edmund, RI
Cochran, John Camden, PA
Conaway, William Keith, DE
Corriher, Calvin W., SC
Courtright, Everett Peer, NJ
Creedon, William Henry, PA
Culbertson, Louis Rogers, OH
Cunningham, Daken Whitaker, PA
Curry, Thomas, PA
Dare, J. Rulon, NJ
Dare, Arthur, PA
Darnall, Carl Roger, TX
Davis, Reuben Ogden, PA
Davis, James Dudley, KY
Davis, Christian William, PA
Davis, Daniel Webster, PA
Davis, James Alexander, PA
Dean, Harry Johnson, IA
Dean, Edwin Robinson, KY
Denlinger, Maurice Musser, PA
Dennis, John, PA
Dickinson, Ernest Lincoln, NJ
Dohner, William Royer, PA
Drake, Dillon, PA
Drake, Martin Eugene, PA

Drewry, Thomas Ellis, GA
Drick, Philip, PA
Elliott, John William, PA
Emmerling, Karl August, PA
Espinosa, Jose Dolores, NICARAGUA
Estill, Andrew Davidson, VA
Etherton, William Clayton, MO
Farrar, Joseph Davidson, VA
Fegley, Oscar George, PA
Fisher, Robert Welles, DE
Fisher, Alfred Meyers, PA
Flanagan, Michael Joseph, PA
Flores, Jose Antonio, BRAZIL
Flourney, Mathews William, MO
Frey, Robert David, PA
Garber, Jonathan Burmond, OH
Garlington, Thomas Richard, GA
Garst, Samuel Sherley, TN
Gehring, Gustave Paul, NJ
Gillespie, William Joseph, PA
Gillespie, Peter Joseph, PA
Golding, Daniel Guedalyah, NE
Grant, Charles Longmoor, KY
Greene, Frank Nichols, PA
Gruel, Louis, Jr., PA
Hadfield, Edward John, KS
Haines, Edward Everett, NJ
Haley, John Joseph, NJ
Hanks, Jason Grant, PA
Hardie, Robert Fowler, PA
Harris, Henry F., GA
Hartman, Peter Leroy, PA
Haskins, Albert Murton, MA
Hassenplug, Frank Atwood, PA
Haymaker, Oliver Rugh, MO
Haymaker, William Jacob, PA
Hearn, Charles Sheppard, DE
Hebrank, Edmund Rock, PA
Heller, Charles Edwin, PA
Henderson, Pleasant E., OH
Hinkley, Seth Bradbury, MO
Holland, Ebe, DE
Horine, Arlington Grove, MD
Hug, John Joseph, CA
Irons, William R., PA
Jackson, Shirls Byzantine, PA
Jenkins, William Sellman, AZ
Johns, Christian Rohrer, PA
Jones, John Arthur, PA
Jones, Anderson Wilmer, KY
Keller, John Jacob, PA
Kelly, Arthur M., IL
Kitchen, Harrison Allen, PA
Klopp, Peter Paul, PA

Fig. 124. E. Quinn Thornton (JMC, 1890), Professor of Materia Medica and Therapeutics (1932).
Knipe, Jay Clarence, PA
Knox, Henry, PA
Kreider, Edwin Roger, OH
Lakin, Harry Pearce, WV
Lashells, Edward Torbett, PA
Lechner, Ralph Yahn, PA
Levan, Walter Adam, PA
Lewis, Willis Gaylord, OH
Lindsay, John, SCOTLAND
Loeb, Ludwig, GERMANY
Loughridge, Samuel Steen, PA
Lukens, Isaiah, NE
Marshall, Robert John, NJ
Mason, William Franklin, OH
Massinger, C. Jerome, PA
Maulfair, Harvey Ellsworth, PA
McCord, Eugene Woodworth, MN
McMurran, Robert Lowry, VA
McNair, Robert H., MS
McNall, James Morgan, PA
McNaul, Caleb Gleni, PA
Miller, Edwin M., PA
Miller, Harold, Baughman, NJ
Moore, John Edward, PA
Morgan, Richard J., OH
Moskievitz, Max, RUSSIA
Moy, Jin Fuey, CHINA
Mudd, John James, KY
Murry, Charles Miller, MS
Nelson, Arthur Braxton, VA
Nevin, Walter Charles, OH
O’Brien, Caleb Stanton, PA
Overton, Joe, TN
Painter, Alonzo Potter N., PA
Palmer, William Main, PA
Paules, William Rumbaugh, PA
Pettit, Joseph, PA
Pomerene, Harry Piersol, OH
Porter, George Cooper, CA
Potteiger, George Frederick, PA
Ray, Ethelbert Sheb, OH
Reilly, Peter Charles, PA
Ribeiro, Jeronimo Dias, BRAZIL
Ritter, Clement, NC
Robins, Newsom Baker, PA
Robinson, Walter Aspril, NJ
Rodgers, Robert Edward L., PA
Roehrig, George Frederick, PA
Rote, William H., PA
Ruffner, Samuel Allemong, PA
Sawyer, Waldo Fitch, NJ
Schwaemmle, Charles Henry, AL
Scott, George Barbiere, TN
Sedgwick, Henry Dean, NY
Sellew, Philip Hamilton, CT
Sharp, J. Steward, UT
Shope, Abraham Lincoln, PA
Shuman, John Clinton, PA
Siglinger, Charles Jacob, PA
Skinner, William Francis, PA
Smith, Domer Gheen, PA
Smith, John Loper, NJ
Smythe, Harry Gordon, TX
Smythe, Edward Stanhope, TX
Solorzano, Enrique, NICARAGUA
Spivak, Charles D., RUSSIA
Sprague, George Percy, PA
Steinwandel, John Anthony, PA
Stiles, Irwin A., OH
Stock, Jacob Frederick, NJ
Stone, Henry Bossinger, PA
Straub, Elmer Legrand, PA
Straughn, William David, MD
Stuart, Joseph Red, TX
Sumney, Herbert Clayton, IL
Taylor, Arthur John, PA
Taylor, James Thomas, PA
Thomas, George D., PA
Thornton, Edward Quin, AL
Thrush, Ambrose Watts, PA
Tibbins, George Hoy, PA
Tod, Alva Forman, PA
Trist, Edwin Allen, PA
Tucker, John Alfred, PA
Tuteur, Edwin B., WI
Ulmer, Charles Edward, NJ
Van Sant, Benjamin, PA
Vann, Luther Lee, NC
Veasey, Clarence Archibald, MD
Villarreal, Celso De Jesus, MEXICO
Walker, Thomas Francis, TN
Walter, William, PA
Webb, Lorenzo Lea, TN
Weiland, Carl, PA
Weitman, John Lewis, MT
White, James Taylor, CA
Wilson, Charles Wesley, NJ
Winters, John Leaman, PA
Wood, Oran Alphonso, NJ
Wright, John William, PA
Yeagy, William A., PA
With the winter session of 1890/91, a three-year graded curriculum became obligatory. Prior to this the required courses were for two years with a third year voluntary. A Training School for Nurses opened in the fall of 1891.

John Heysham Gibbon (Fig. 125) became a Co-Chairman of the Department of Surgery at Jefferson in 1907, as the successor to Dr. John Hill Brinton. He served in tandem with John Chalmers DaCosta until his retirement in 1931. Dr. Gibbon authored more than 60 articles in a diverse range of surgical subjects, including those of a historical or philosophical nature. In 1902 he reported the fourth case of a penetrating wound of the heart operated upon successfully in the United States. The following year he reported a painless amputation of the leg following the intraneural injection of cocaine. He served as President of the American Surgical Association, the College of Physicians of Philadelphia, and the Philadelphia Academy of Surgery. In 1948, Jefferson awarded him the Honorary Degree of Doctor of Science for his significant contributions to the medical profession, to his country in a distinguished military career, and to humanity. He was the father of John H. Gibbon, Jr., inventor of the heart-lung machine.

David Braden Kyle was awarded the gold medal by Dr. W.W. Keen at graduation for the best essay, The Pathology and Treatment of Tetanus. Immediately following graduation he became Assistant Demonstrator of Pathology at Jefferson. Upon beginning his practice he developed a private laboratory for instruction in clinical microscopy, bacteriology, and pathology. By 1896 he had oriented his private practice to such a degree in diseases of the ear, nose and throat that he was appointed Clinical Professor of Laryngology. In 1904 he became Jefferson’s first Chairman of Laryngology and served until 1916 (Fig. 126).

Merrette W. Ireland, of Indiana, made a notable contribution to medical military history as Surgeon General of the Army from 1918 to 1931 under Presidents Wilson, Harding, Coolidge, and Hoover. He was a veteran of the Philippine and Mexican expeditions and went to France with the American Expeditionary Force in 1916. General John Pershing chose Ireland as his Chief Medical Officer in World War I (Fig. 127). Jefferson awarded him an honorary LL.D. degree in 1919, when he addressed the graduating class of that year.

Among the 188 graduates were members from British Columbia, Asia Minor, Ireland, Turkey, Mexico, Central America, India, and England.
<table>
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<tr>
<th>Name</th>
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<td>Amon, Jesse Adolphus</td>
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<td>Cuadra, Jose Maria</td>
<td>NICARAGUA</td>
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<td>Davis, Frederick Horace</td>
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<td>De Long, Eugene Rischel</td>
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Fig. 126. David Braden Kyle (JMC, 1891), Chairman of Laryngology (1904-16).

Fig. 127. Merritte W. Ireland (JMC, 1891), Surgeon General of the Army. (Photo with Board President Robert P. Hooper (right) in 1939 on the occasion of his giving the Annual William Potter Memorial Lecture.)
Derickson, Willard Porter, DE
Dittebrandt, Charles Berthol, OR
Donges, Clarence Bernard, NJ
Donnelly, Joseph Smith, TN
Dougherty, Milton Maust, PA
Eads, Benjamin Brindley, KY
Edwards, Lewis, PA
Egan, E. Winfield, MA
Eldon, Rosewell Thomas, PA
Ellershaw, Albert, PA
Emmert, Dorsey Frederick, MD
Esterly, Jacob Ritter, PA
Fahrney, Lewis Welty, MD
Fardon, John King, NY
Fiet, Harvey Jacob, PA
Fink, Ulysses S. Grant, PA
Foil, Moses Alexander, NC
Ford, Edward White, KY
Forrester, Joseph, PA
Fraser, Roderick L., BRITISH COLUMBIA
Frees, Clifton Lewis, PA
Fries, Irvin A., PA
Garverich, Franklin Hendricks, PA
Gibbon, John Heysham, NC
Gilbert, William Leak, GA
Glasgow, George Mierley, PA
Glover, Oliver W. H., PA
Goodner, Ralph Allison, IL
Hachadoorian, Mugerditch D., ASIA MINOR
Hagen, Walter Thomas, WI
Hager, Walter Aldmond, CANADA
Hancock, Eugene Thomas, MD
Harris, Charles Hickman, OH
Harriss, William, PA
Harter, George Alvin, PA
Haskin, Herbert Pliny, NY
Hawes, Albert Sidney, GA
Hazzard, Henry Draper, MO
Heider, Maurice Isaac, PA
Hewitt, Charles Ellsworth, NY
Hoffman, Olin Huntley, WV
Hofmann, Oscar Elmer, PA
Holshue, Charles Raymond, PA
Horne, John H., PA
Huston, Frank Brady, TX
Hutchison, Wilber Laurin, PA
Imhoff, Joseph Bloss, NE
Ireland, Merritte Webster, IN
Irwin, James Alexander, IRELAND
Irwin, William Underwood, PA
Jarvis, James Fletcher, MO
Jepson, Wilhelm, IA
Kapp, Albert Theodore, PA
Kebabian, Hrand Krecor, TURKEY
Keene, Walter Bullock, RI
Kelly, William John, PA
Kieffer, Charles Ferdinand, PA
Kingsley, Charles, ME
Kirk, Grant Elmer, NJ
Klemm, Adam, PA
Kyle, David Braden, OH
Lent, Williard George, PA
Loucks, Charles Edward, OH
Lyons, Fowler, NE
Maldonado, Ferdinand Nicholas, MEXICO
Mallory, Edwin H., IA
Marvel, Charles, DE
McAdoo, Elmer Ellsworth, PA
McCleery, Edward Heber, PA
McCormick, Louis Provance, PA
McEntire, Oscar Williams, PA
McLaughlin, John Joseph, PA
Moore, Nicholas Gibson, NC
Morison, J. Louis D., PA
Morrow, William Boyd, TN
Morton, William Thomas, PA
Moss, William Finley, OH
Newton, Francis Janvier, INDIA
Niles, John S., PA
Otis, William Henry, IA
Parramore, Edward Lyttleton, CA
Parvin, Noble Butler, PA
Patrick, Nathan Edward, IL
Perry, Warren, KS
Peter, Irvin Rue, MO
Pierce, Azel, OH
Powell, Frederick Adams, VA
Powne, Norman Groves, TX
Price, Frederick Fraley, NJ
Reith, Emil, PA
Remig, John Henry, PA
Reynolds, William Wilson, OH
Rice, Charles Samuel, PA
Robinhold, Lewis Charles, PA
Robinson, Joseph B., MO
Rosales, Nicasio, NICARAGUA
Rossiter, Henry James, CANADA
Rottner, Charles Selmar, PA
Ruch, Charles Frank, PA
Saulsberry, William, KY
Schmehl, Seymour Trout, PA
Shanks, Frederick Hastings, CA
Sherman, George Howard, MO
Shipp, Milford Bard, UT
Shook, James Curry, PA
Shoup, Jesse J., OH
Siegfried, Cyrus Sylvester, PA
Smith, John James, AR

1891
215
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<td>Wiley, Harry Eugene</td>
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<tr>
<td>Williams, David</td>
<td>WALES</td>
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<td>Winslow, John Lang</td>
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In this year the new three-year college curriculum was spelled out in the Annual Announcement. The studies of the first year included: Anatomy and Histology, Physiology, General and Medical Chemistry, and Materia Medica and Pharmacy; with laboratory work in each branch, dissection, and at the option of the student the general clinics. Studies of the second year were as follows: Anatomy and Topographical Anatomy, Physiology and Medical Jurisprudence, Toxicology and Medical Chemistry, Materia Medica and Therapeutics, Pathological Anatomy, Practice of Medicine and Clinical Medicine, Surgery and Clinical Surgery, and Didactical and Clinical Obstetrics. The third year studies were: Practice of Medicine and Clinical Medicine, Surgery and Clinical Surgery, Didactical and Clinical Pediatrics, and Hygiene and Therapeutics.

Stricker Coles, a Virginian by birth from a distinguished ancestry, became outstanding. Before his graduation from Jefferson he had devoted early studies to engineering, had two years of classical study at Roanoke College, and a year in the medical department of the University of Virginia at Charlottesville. Following graduation from Jefferson and serving as intern on the staff of Jefferson Hospital, he started a long career in obstetrics by appointment as Assistant in the Obstetrical Department at Jefferson as well as the Polyclinic (now known as the Graduate Hospital). By 1908 he rose in academic rank at Jefferson to Assistant Professor of Obstetrics. From 1902 onward he was Chief Assistant in the Department of Obstetrics and supervised the delivery of nearly every patient admitted to the 1877 Hospital. He served on the staffs in other major hospitals of Philadelphia, published many scholarly scientific papers, and was active in important professional and social societies (Fig. 128).

James Torrence Rugh (Fig. 129), a Pennsylvanian, was destined to become Jefferson’s second Chairman of Orthopaedic Surgery (1918-39) and the first James Edwards Professor (1930-39). He had gained valuable experience with the surgical treatment of battle casualties during World War I and rapidly applied these lessons to patient problems at Jefferson. During his term as Department Chairman the treatment of orthopaedic disabilities generally shifted from the mechanical methods used by his predecessors to modern open surgical correction. His portrait was presented to the Medical College by the Class of 1934.

The Valedictory Address to 147 graduates was delivered by John Hill Brinton (JMC, 1852, Fig. 49), Professor of Practice of Surgery.
Carnahan, William J., PA
Casey, Joseph Daniel, PA
Chapman, Charles R., MN
Chritzman, Clarence Armor, PA
Cloud, Joseph Howard, PA
Cohen, Nathan Alexander, PA
Coles, Stricker, VA
Colgan, James F. E., PA
Conkwright, Sidney Allen, MO
Conner, William, PA
Corson, Joseph Makay, PA
Craig, William Gibson, IA
Cuskaden, Albert Douglas, NJ
Dehoney, Howard, KY
Derr, James Grant, PA
Dunning, Frederick, MD
Eastman, Henry, Jr., PA
Elkin, Philip, CT
Ernest, Jacob Ellsworth, PA
Eshbach, William W., PA
Felty, Harry Bowman, PA
Ferguson, John Preston, KY
Ferree, George Perry, MN
Foster, Harry Stewart, PA
Gabrielian, Mugurdich C., ARMENIA
Goodwin, James Joseph, RI
Grime, Robert Thomas, PA
Gustin, Grant Harden, PA
Hanna, Hugh, PA
Hannan, Charles Edmund, PA
Harpel, Jesse Edward, PA
Harris, Frank P., NJ
Hartline, Charles Henry, PA
Hassenplug, William Finley, PA
Hawkes, Edwin Green, PA
Hazlett, Harry Foster, PA
Heaton, William Wright, PA
Heller, Jacob Louie, PA
Henderson, Robert James, PA
Henry, J. Malcolm, PA
Hermann, Horace David, PA
Hislop, John, PA
Hoffman, Elmer, E. M., PA
Holliday, John Wesley, IA
Hunter, Marcus Catlin, PA
Jackson, Thomas Wright, OH
Jermane, Percy Lee, MO
Jessop, Roland, PA
Johansen, Ernest Augustus, CA
Johnston, Edmund Burke, MN
Jones, Thomas Edward, PA
Jordy, Louis, PA

Fig. 129. James Torrence Rugh (JMC, 1892), Chairman of Orthopaedic Surgery (1918-39) and first James Edwards Professor.
Kane, James J., PA
Kerns, Samuel Proctor, PA
Krieger, Lewis William, KS
Landis, Charles Earnest, PA
Light, Lincoln Reigel, PA
Lippincott, Ahab Haines, NJ
Long, William Hillwell, Jr., KY
Marsh, Edward Brown, PA
Marshall, James Sidney, TX
McCarty, David Wilson, PA
McGrath, Francis A., PA
McLernon, John, PA
McMullin, Andrew, PA
Meek, Francis Joseph, PA
Millard, Benjamin Joshua, PA
Miller, Elmer Clare, PA
Mines, Marcus Keen, NJ
Moffet, John, PA
Monahan, Frank Henry, RI
Mullikin, Louis Wagner, NJ
Munson, Harry G., DE
Murphy, Robert Matthew, NEW BRUNSWICK
Murray, Alexander, NEW BRUNSWICK
Murray, Lewis R., NEW BRUNSWICK
Musser, William Franklin, PA
Noll, Franklin, Jr., PA
O'Reilly, Thomas W., MO
Ottinger, Samuel Joseph, PA
Page, Harlan Myron, OH
Parshall, Robert Vincent, PA
Pepper, Wilbur Lee, PA
Perry, Van Lear, WV
Pigall, Joseph Smith, MO
Pressly, George W. L., SC
Purnell, Howard Garrett, DE
Raessler, Rufus Raymond, PA
Reedy, Walter Marion, PA
Robins, William Wallace, PA
Rose, David, OH
Ross, Nathaniel, PA
Royer, Jacob Weaver, PA
Rugh, James Torrence, PA
Saunders, Robert Ricchie, PA
Schaul, Otho Daniel, PA
Seligman, Abram Pott, PA
Shannon, William A., PA
Sherman, harry Ulysses, PA
Shultz, Cameron, PA
Spencer, George Wicks, IN
Sprissler, Oscar, PA
Spruance, Henry Roche, DE
Stewart, Alonzo Hamilton, PA
Stillwagen, Charles Augustine, PA
Swartzwelder, James Sherman, PA
Swisher, David Falls, PA
Thomas, Charles Wallace, WA
Trexler, Charles Amos, PA
Trumbauer, Dalton, PA
VanBuren, Marmaduke Foster, PA
Vanneman, Walter A. R., PA
Vincent, George Walter, NY
Volz, Frederick, IL
Walker, James, DE
Ward, James H., DE
Weaver, Albert Prince, CO
Weaver, Clarence Arlington, DC
Webb, Henry McCorry, AR
West, George Henry, DE
Widmann, Louis A., AUSTRIA
Williams, Neri Barndt, PA
Winslow, Bela Henry, ME
Wootters, John Smith, TX
Work, Robert Anderson, PA
Ziegenfuss, Nathan, PA
Zuniga, Marcos, CENTRAL AMERICA
In 1893 there was instituted a fourth-year option of "advanced courses." Also offered in a voluntary fourth year was a program of special instruction at the Polyclinic Hospital where Jefferson Professors H. Augustus Wilson, E.P. Davis, Solomon Solis-Cohen, and J.A. Cantrell were affiliated.

In this class of 188, Hobart Amory Hare was the most outstanding member (Fig. 130). His first M.D. degree had been awarded by the University of Pennsylvania in 1884, at which time he won the faculty prize. During subsequent postgraduate studies both at home and abroad he received numerous other prizes and awards. In 1890 he was elected Clinical Professor of Diseases of Children at the University of Pennsylvania, but the following year he was made Professor of Therapeutics and Materia Medica at Jefferson. His 1893 Jefferson M.D. degree qualified him as an alumnus and in 1909 he served as President of the Alumni Association. National and worldwide honors accumulated during his intensely active career in teaching, medical writing and a busy consulting practice. His portrait was presented to the College by the Class of 1927.

Wilmer Krusen, a graduate pharmacist, entered Jefferson in 1891 following medical courses at Medico-Chirurgical College and the University of Pennsylvania. After Jefferson internship he served in the Department of Gynecology and became interested in the history of that specialty. In 1902 he was appointed Professor of Gynecology at Temple University School of Medicine continuing until 1927. In 1916 he became a Trustee and Vice President. Dr. Krusen was also appointed to two terms as Director of Public Health of Philadelphia.

Jesse Watson Hirst interned at Jefferson Hospital and subsequently served on the Hospital Staff in the Department of Gynecology as well as the Nose and Throat Clinic. From 1904 to 1934 he served as a medical missionary under the Presbyterian Board of Foreign Missions, stationed in Seoul, Korea with the Severance Memorial Hospital (Fig. 131).

Thomas Leidy Rhoads after graduation served under Professor W.W. Keen for four years as Assistant Demonstrator of Surgery and of Pathology. He enlisted in the Navy at the outbreak of the Spanish-American War in 1898 and was put in charge of the Naval Hospital at Washington, D.C. When the insurrection occurred in the Philippines in 1900 he switched to become an Army Surgeon. While in the Philippines he was called upon to act as the operating surgeon upon Governor Taft. When Mr. Taft was elected President of the United States, one of his first acts was to
order Dr. Rhoads from the Philippines to Washington to become his personal physician. In addition, Major Rhoads was made Chief of the Surgical Service at the Walter Reed General Hospital.

In this year the *Gross Clinic* was exhibited at the World’s Fair in Chicago. The year also marked the institution of medical licensure by the Commonwealth of Pennsylvania.

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Fig. 131. Tribute to Jesse W. Hirst (JMC, 1893) by the Severance Union Medical College.

---

Aichner, Oscar Fred, PA  
Andre, Simeon Nicholas, PA  
Ashburn, Percy Moreau, OH  
Badeer, Sarkis, SYRIA  
Baer, John Richard, PA  
Baird, Howard Grant, KS  
Baker, H. Hoffman, PA  
Bartilson, Benjamin Matthias, PA  
Baumgartner, William Jacob, PA  
Bennett, William Robert, PA  
Bennett, John Henry, PA  
Bickell, Ulysses Grant, PA  
Biehn, Andrew Clymer, PA  
Birriolo, Francis Annibale, PA  
Black, Judson Harmon, OH  
Bodenstab, William Henry, WI  
Borsch, John Louis, Jr., PA  
Botkin, Amos Watts, OR  
Bowman, Charles Stewart, PA  
Brodshaw, Arthur Franklin, CA  
Britt, Albert Jerome, PA  
Brown, Harry Cox, INDIA  
Bullard, John William, NE  
Burtn, Wilbur Darwin, DE  
Busey, Charles, IN  
Butterworth, Francis James, PA  
Canon, Robert Taylor, TX  
Carrier, Frank Nathan, PA  
Carrow, Joseph, DE  
Casey, Thomas Daniel, PA  
Cheffin, William Wamach, VA  
Chassagne, Eugene J., DC  
Church, Nathan William, PA  
Coburn, Charles Wilmot, PA  
Cochran, Thomas Preston, Jr., PA  
Cole, Thomas Porter, PA  
Cole, William Gilbert, OR  
Coleman, James William, PA
Corl, Harvey Elmer, OH
Corrigan, William Hilary, PA
Crabill, Thomas Voss, OH
Craig, Clark Rankin, PA
Cunningham, Daniel Henry, MN
DaCosta, John Chalmers, Jr., PA
Davis, Medus Monroe, PA
Dickel, William John, PA
Dickinson, George Standish, PA
Duke, Casper, NY
East, Albert Franklin, PA
Edwards, William J., PA
Ellis, Lyman Miles, IA
Eshleman, Edwin Franklin, PA
Farrell, Francis Albert, PA
Ferguson, Benjamin Bassett, DE
Fix, Ira Niblock, PA
Gallagher, Joseph Francis, PA
Gardiner, Sheridan Ellsworth, NY
Geisendorfer, John Alexander, OR
Gerhard, Samuel Pilgrim, PA
Gery, Alfred Oliver, PA
Geulick, Frank Wallace, PA
Goodman, Isaac, PA
Graver, Edward, PA
Green, Peter Charles, PA
Grier, Clarence Russell, DE
Hain, Leonard G., PA
Hanley, Francis Joseph, RI
Hare, Hobart Amory, PA
Harover, Samuel Richard, KY
Hassell, Howard Wesley, PA
Hassenplug, Harry Gilmore, PA
Havice, Luther Calvin, PA
Hawkins, William Henry, ME
Headings, Isaac Griffy, Jr., PA
Heiber, Adolph Oscar, MN
Heileman, Henry, PA
Hendricks, Augustus William, PA
Hess, J. Bruce, PA
Hirst, Jesse Watson, MA
Hoopes, Charles Wilson, PA
Hubbard, John Parkinson, Jr., PA
Huebner, George William, PA
Huff, Scott M., PA
Hug, Edward Victor, OH
Humphrey, Walter Newton, PA
Hunsberger, William Henry, PA
Hunter, Joseph William, PA
Hunter, Herbert Kingsley, ENGLAND
Hutchins, Adrian Albertus, OH
Isenberg, Joseph Lloyd, PA
Jacob, James Francis, PA
Kain, William Wilkins, NJ
Kalbach, Isaac Irwin, PA
Kasten, William Henry, PA
Kiley, Frank Love, PA
King, Hiram Orville, PA
Kiteley, William Ellis, Canada
Kleinsteuber, William George, DE
Klemmer, William Nickolaus, Germany
Klotz, Robert Bertram, PA
Knapp, Warren A. Bickel, PA
Krusen, Wilmer, PA
Kyle, Elmer Bryan, PA
Lacey, James Henry, CO
Lewis, William H., PA
Luster, George Edgar, IL
Maddock, Louis, OR
McDaniel, Edward Bruce, OR
McGee, James McMeekin, PA
McGregor, Andrew, Canada
McKelway, George Irvin, PA
McKenzie, William White, NC
Means, Robert Markle, PA
Meixell, Edwin Wesley, PA
Metz, John Pancoast, PA
Miller, William Haman, DE
Mitchell, William Cottonham, PA
Moore, Lynford Lardner, NC
Moukaddim, Hammoud, Syria
Mullen, Joseph Aloysius, PA
Millar, Rodolph Emile, Switzerland
Murdock, John Floyd, PA
Murdock, James Hutton, PA
Murray, John Arthur, PA
O’Donnel, Hugh Boyle, Ireland
Oyer, Harry Willrich, PA
Patty, Louis Greenlee, IA
Payne, Marshall John, VA
Pearson, Edward James, DE
Pease, Frank David, ND
Peralta, Jose Maria, Central America
Persing, Amos Vastine, PA
Piper, Charles Eugene, MO
Pope, Mardelle Yates, AR
Powell, George Perry, NE
Ramirez, Leopoldo M., Central America
Ramsey, William George, PA
Reckefus, Charles Halwaldt, Jr., PA
Redeling, Albert Augustus, PA
Reed, John Orlando, PA
Rentschler, Harry Fleisher, PA
Reum, Charles George, WI
Rhoads, Thomas Leidy, PA
Rich, Edward Israel, ID
Ritz, Reinhart Joseph, PA
Rogers, Asa Holt, TX

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Rush, Warren Blachley, FL
Sallade, Frank Reed, PA
Sargent, Albert Alonzo, ME
Savitsky, Joseph Adam, RUSSIA
Scholl, Harvey Frederick, PA
Sedgwick, Walter Nelson, PA
Segal, Bernhard, PA
Sheeder, Benjamin Franklin, OH
Shrader, Edwin Elmer, MN
Sittler, Warren Clement, PA
Smith, Patrick Albert, CANADA
Smith, George Hartford, IA
Sommer, Henry, Jr., PA
Sorensen, Soren, WI
Speer, Henry Newton, PA
Stover, Isaac Francis, PA
Targett, Archibald Frederick, NJ
Thomas, Harry Leedon, PA
Tinker, Martin Buel, MA
Toner, Mark Ferdinand, PA
Tryon, Lewis Royer, NJ

Turner, Oliver William, ME
Walker, James W.H., PA
Wallace, William Smiley, KS
Walton, Joseph Henry, IA
Wamsley, James Winter, NJ
Ward, Percy Hall, NY
Ward, Nathan Gideon, NC
Wheeling, William Stuart, PA
White, Jonas Samuel, PA
Whitney, Walter Everett, ME
Whitten, Jarvis Adams, PA
Wilde, John R., NY
Williams, Robert J., NC
Williams, John Henry, PA
Winder, Laurence Johnson, PA
Wingender, Wendell Phillips, PA
Wintermute, George Preston, WA
Wurtele, August Herman, PA
Wyeth, Charles, IN
Yacoubi, Hazarabed Boghos, ASIA MINOR
Yenser, William Albert, PA

JEFFERSON MEDICAL COLLEGE AND HOSPITAL.
SESSION OF 1893-94.

SECOND YEAR.

Mr. 

Is assigned to seats:

No. 230, Lower Room. No. 233, Upper Room.
No. 256, Hospital.

The above seats are reserved in the lectures on Practice of Medicine, Surgery, Obstetrics, Pathology, Therapeutics, and Hospital Clinics only. In lectures on Anatomy, Organic Chemistry, and Physiology he is assigned to seats:

No. 200, Lower Room.
No. 220, Upper Room.

Section, 

Ticket to lectures in the Medical College.
This year was marked by the establishment of a maternity facility at 224 South Seventh Street by the Maternity Committee of the new Board of Lady Managers. It was the first major activity of the Board which had been established by the Trustees in 1890 "to aid the College and Hospital." The Lady Managers became the Women's Auxiliary of the Hospital in 1909, the title later being changed to the Women's Board which went on to increasingly meaningful accomplishments for the Hospital. "Aid" to the College was not well defined but it is clear that a group of the ladies in 1896 equipped a Reading Room and financed a Medical Library in the old College and in the new College Building when it opened in 1898.

Randle C. Rosenberger was the most widely-known among the 163 graduates. His career at Jefferson spanned 50 years during which time he was well acquainted with all Jefferson students (Figure 132). Beginning with Pathology, he quickly became attracted to the new science of Bacteriology which under Professor Coplin was a part of Pathology. In 1909 he became Professor and Head of the new Department of Bacteriology and Hygiene. He was also Pathologist to the Philadelphia General Hospital (1903-19) and later Professor of Hygiene and Preventive Medicine at Woman's Medical College of Pennsylvania. His teaching schedule at Jefferson was extensive and in 1927 his title became Professor of Preventive Medicine and Bacteriology. Another change occurred in 1941 when Dr. Rosenberger was Acting Dean following the death of Dean Mohler. Dr. Perkins, the new Dean, then became Chairman of the Department of Preventive Medicine while Dr. Rosenberger's Department was retitled the Department of Bacteriology and Immunology. He was noted for his detailed memory of the medical students and alumni who in turn accorded him affection and respect (Fig. 133). The class of 1928 presented his portrait to the College.

Ward Brinton, scion of an old Philadelphia family and son of John Hill Brinton (JMC, 1852, Fig. 49), Professor of Surgery, had interests that differed from those of his father. A member of the First City Troop, Ward Brinton served with that unit in the Spanish-American War and he later became interested in hunting and exploration. In 1903 he joined Dr. Lawrence Flick (JMC, 1879, Fig. 99) as a clinician when the Henry Phipps Institute for Tuberculosis was founded. He continued with Phipps until 1910 but he later served as Physician to the Tuberculosis Department of the Philadelphia General Hospital and as head of the Tuberculosis Division of the Department of Health of Philadelphia.

Fig. 132. Randle C. Rosenberger (JMC, 1894), first Chairman of Bacteriology and Hygiene (1909-44).
Charles Stapler Mangum as early as five years after graduation became Professor of Materia Medica and Physiology at the University of North Carolina.

Frederick H. Mills pursued a career in the United States Army, achieving the rank of Major during World War I in 1918. In 1924 he became Professor of Military Science and Tactics at Jefferson and was later promoted to Colonel (Fig. 134).

### CLASS OF 1894

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<td>Cross, Otho W.</td>
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<td>SC</td>
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<td>Edwards, George Murray</td>
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Fig. 133. Singing of Christmas carols by students conducted by Dr. Randle C. Rosenberger (JMC, 1894, front row to right of center).

Fig. 134. Colonel Frederick H. Mills (JMC, 1894), Professor of Military Science and Tactics at Jefferson.
Edwards, Thomas Lewis, OH
Faddis, Thomas McClellan, PA
Faust, Albert David, PA
Fisher, John Leroy, PA
Fly, Edward Monroe, MN
Foehrenback, Julius Emmanuel, PA
Fredericks, David Patterson, PA
Frisbie, Hiram Zebulon, PA
Gaugler, Richard Sechrist, PA
Gaylord, Charles Davis, KY
Goff, Waldo Percy, WV
Good, Albert Parke, PA
Green, Edward Houghton, PA
Hagenbuch, James Hervy, PA
Hamilton, William Boyd, OR
Handrick, Frank A., PA
Harrington, George W., PA
Hartford, P. Calvin, OH
Hassler, Samuel Freeman, PA
Hazel, Thomas Harold, PA
Henyan, E. Lucas, NJ
Hertzler, William Crooks, OH
Hickey, Thomas Bernard, PA
Hirst, Levi Brook, NJ
Hoag, Harry Martin, IA
Hodgens, Isaac Walter, PA
Hoffecker, Robert Crockett, DE
Holmes, Benjamin Henry, MA
Howard, Edward W. S., PA
Huff, John Thompson, NJ
Huff, Junius K., SC
Huffman, George W., IA
Huffman, Obadiah Layton, OH
Hunt, Thomas W., KS
Irish, William Beckford, PA
Johnson, Samuel, Jr., TN
Karr, George Muster, KY
Kelly, Francis Joseph, Jr., PA
Kenyon, Charles Lewis, PA
King, Albert Hazlett, PA
King, William Howard, PA
Knipe, William Henry, PA
Kolmer, John, IN
Kraepe, Joseph Harman, PA
Kriebel, Elmer, PA
Lane, Leonidas Polk, GA
Lee, Frank Alexander, IA
Lethiecq, Joseph Albert, ME
Linsz, Henri Philip, PA
Lippincott, Jesse Diverty, NJ
MacElree, George Anderson, PA
Maier, Frederick Hurst, PA
Mangum, Charles Stapler, NC
Marbarger, George S., PA
Marsh, William Alfred, PA
Martin, Joseph Marsh, DE
Martindale, Joseph Watson, CANADA
McCelvey, John Samuel, TX
McKee, Frank William, WI
McMurray, Gerald Joseph, PA
McNaul, William John, PA
Mellor, Thomas, PA
Mesropian, Messiah, ASIA MINOR
Metheny, Samuel A. S., PA
Millener, Frederick Hoyer, NY
Miller, Emery, NJ
Miller, Aaron Gable, PA
Mills, Frederick Hubbell, NY
Mohn, James Oliver, PA
Moore, John W. F., PA
Moore, Maurice Gardner, IN
Morris, John Knox, KY
Muzquiz, Juan Long, MEXICO
Netherton, Samuel Oliver, PA
Noel, Joseph Roberts, IL
Nunan, William Lawrence, PA
Osmun, Milton Mackey, NJ
Painter, William Isaac, VA
Peralta, Maximilian, CENTRAL AMERICA
Pittis, Thomas, NJ
Powell, Barton Jerome, NV
Pratt, John Lynn, DE
Prevost, Clarence Worrel, PA
Price, Frederick Kirker, OH
Rabe, John Howard, OH
Rabethge, Charles Arman, PA
Rendleman, James Walter, IL
Reynolds, Walter Forbyce, IL
Rich, Ezra Clark, ID
Robbins, Charles Pern, IA
Rosenberger, Randle Crater, PA
Rosenberger, John Ashby, CA
Ross, Joseph Herman, PA
Rothermel, Wilson H., PA
Rovno, Philip, PA
Samuel, William Charles, PA
Saulsberry, Charles Emmet, KY
Saunders, John Welcome, RI
Schaufelberger, Franklin, OH
Scribner, John King, PA
Simmons, Charles Columbus, TX
Slifer, George Baringer, PA
Smink, Alfred Harrison, PA
Smith, Delos DeWitt, MN
Smith, Joseph Isaiah, PA
Smith, Paul Crews, MO
Snyder, Alva Earl, OH
Somerville, George Wallace, CANADA
E. Quinn Thornton (JMC, 1890, Fig. 124) became Professor of Materia Medica and Therapeutics.
This year marked the end of an era for Jefferson. The proprietary status which had pertained from its founding was superseded by a change to full control by the Board of Trustees. This meant that medical education was no longer a financial interest of the professors and fees were paid directly to the administration. The prime mover in this dramatic shift was the Honorable William Potter who subsequently served as President of the Board from 1896 to 1926 (Fig. 135).

The 148 graduates of 1895 brought the total alumni number since inception of the college to 10,398. Although the stated admission requirements did not change during these years, the tendency was for matriculants to possess more than minimal qualifications. Increasingly, men with dental, pharmacy and baccalaureate degrees were admitted as well as a number who already had the M.D. degree from other institutions. In lieu of a college degree, the basic high school or academy education was still acceptable as was a “certificate from examiners of a County Medical Society.” An entrance examination was also available as an option. This Class had one clerical graduate, the Rev. Howard Fisher, of India.

The medical course underwent its most important change on June 1, 1895, when the four year course became a requirement for the M.D. degree. Class instruction was spelled out in detail for each of the four years and the classes were increasingly divided into sections for laboratory and clinical teaching.

During 1894/95, funds were raised by the Alumni Association in conjunction with the American Surgical Association for erection in Smithsonian Park, Washington, D.C., of a statue of Professor Samuel D. Gross (Fig. 136). The statue was erected in 1897 and by Act of Congress was transferred to the Jefferson campus in 1970. The Gross statue was the second full-length bronze ever erected in honor of a physician, the first having been that of J. Marion Sims (JMC, 1835) placed in Bryant Park, New York, in 1894 (Fig. 137).

### Class of 1895

| Allen, David E., CANADA                          | Clark, Cunningham P., PA            |
| Allman, Alfred Frederick, PA                    | Clark, Oscar D. F., PA              |
| Aufmesser, Hugo W., PA                           | Cleborne, Ronayne D., VA            |
| Avard, Charles McQueen, CANADA                  | Copp, Edgar Maitland, CANADA        |
| Barnhardt, Charles Henry, NC                    | Cort, Paul Lange, PA                |
| Beach, James Daniel, PA                          | Costello, Henry J., PA              |
| Bermudez, Pedro Joaquin, CENTRAL AMERICA         | Cox, George Rudy, MO               |
| Bicknell, Robert Cooke, NJ                       | Craig, James Alexander, IA          |
| Bingaman, Edwin Milton, PA                       | Cubbage, Samuel Thomas, DE          |
| Birdsall, William George, CANADA                 | Curry, William, PA                  |
| Bower, Ernest Ziegler, PA                        | Davis, Alvah Ross, DE               |
| Brackett, Arthur Stone, CT                       | Deweesee, Cornelius Smith, MD       |
| Briggs, Arthur A., NH                            | Dexter, Henry Leone, PA             |
| Brobst, Daniel Reuben, PA                        | Dickson, Richard Ensign, PA         |
| Brooks, Allan Colby, PA                          | Dixon, Charles L., CANADA           |
| Brooks, Frank Martin, OR                         | Donnelly, Peter, OH                 |
| Brown, Alexander Hugh, MN                        | Doster, Benjamin Robert, Jr., GA    |
| Burger, John Rudolph, IN                         | Duncan, Homer G., PA                |
| Burke, Richard David, PA                         | Dunkel, Edwin Kilyan, PA            |
| Carr, George W., PA                              | Fahrney, Henry Peter, MD            |
Farrell, George Louis, MA
Farrington, Owen Price, MO
Finley, Harry Lincoln, KS
Fisher, Rev. Howard, INDIA
Fisler, Charles Franklin, NJ
Fitzgerald, William Wesley, CA
Gearhart, Sylvester Carpenter, PA
Gilbert, John, PA
Gillette, Claudius Wesley, PA
Grim, Frank Seymour, PA
Hager, Albert Edwin, PA
Hahn, Franklin Jacob, PA
Hammond, Frank Clinch, PA
Harriman, Wilbert Eugene, IA
Hayes, Frederick Legro, NH
Hess, Louis T., PA
Hight, William Boyd, MO
Hilliard, Walter Lewis, NC
Himes, Bower Edwin, PA
Hoagland, George Bradford, NY
Hobson, William Heverin, DE
Hoffman, William Wallace, PA
Holt, William Preston, NC
Hoover, Percy Linn, PA
Horn, Wallace Lincoln, IL
Hottenstein, Charles Augustus, PA
James, John Warren, DE
Johnson, Mark E., IA
Judd, James Frederick, PA
Keenan, Isaac W., OH
King, Harry Brown, PA
Kolb, Isadore, PA
Kress, Palmer John, PA
Kurkjie, Nazareth J., ASIA MINOR
Lawson, John Alexander, IA
Lechner, LeRoy Yohn, PA
Lehnkering, Charles F., OH
Litchfield, Paul Nathan, NJ
Loeb, Louis, PA
Lowentrou, Oscar B., CA

Fig. 135. The Honorable William Potter, leader in Jefferson's change from proprietary to non-profit status in 1895. He subsequently served as Board President (1896-1926).

Fig. 136. Statue of Samuel D. Gross (JMC, 1828) in Smithsonian Park (1897).
<table>
<thead>
<tr>
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<th>Location</th>
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Fig. 137. Statue of J. Marion Sims (JMC, 1835) in Bryant Park, New York City (1894).