Part I: Jefferson Medical College 1866 to 1876 (pages 125-156)
As the first graduating class to return entirely to civilian pursuits, the number of graduates increased this year from 136 to 165. For undergraduates, the faculty this year established the "Summer Course" which began in April and continued into October with a July-August recess. This was a demonstration-clinical program conducted at the College, at Wills Eye Hospital and at Philadelphia General Hospital. It was designed to enhance the didactic teaching since medical schools still did not have their own hospitals for practical instruction.

Robert William Long, the youngest member of the class, received the prize in obstetrics from Professor Ellerslie Wallace. He pursued graduate education at Bellevue Hospital in New York where he received an additional degree. Returning to his native Indiana, he became a busy practitioner and later a widely-known consultant. He was a contributor to medical journals and a trustee of the Central College of Physicians and Surgeons, Indianapolis, for many years.

William Henry Webb was an early convert to the "germ theory of disease." In 1878 he published a monograph, *Is phthisis pulmonalis contagious and does it belong to the zymotic group?*, supporting the infectious character of tuberculosis. While teaching at Jefferson, he persuaded Lawrence F. Flick that his views had merit. Dr. Flick (JMC, 1879) went on to prominence in efforts to control tuberculosis but little is known regarding Webb's subsequent career.

Victor F. Coffman had completed a two-year course at Chicago Medical College prior to his Jefferson experience and he had also served as a surgeon in the Civil War. Co-founder of the Omaha Medical College, he was known for community service as well as for medical accomplishment. Dr. Coffman was President of the Medical School and of the Nebraska Medical Society and was among the first to perform a successful thyroidectomy in the United States.

Oscar Huntington Allis had a great interest in problems of a mechanical nature and devised the Allis forceps which remains a widely used surgical instrument to this day. He is credited with organizing the orthopaedic outpatient clinic at Jefferson in the 1877 Hospital, and was formally named Clinical Lecturer in Orthopaedic Surgery (1888-1891). His work upon dislocation of the hip joint and lateral curvature of the spine became a classic. He was a founding member of the Philadelphia Academy of Surgery and was awarded the Samuel D. Gross Prize of this society for his monograph on *Obstacles to the Reduction of Dislocations of the Hip* (Fig. 76).
Fig. 76. Oscar H. Allis (JMC, 1866) devised surgical instruments and orthopaedic appliances. (Courtesy of Historical Collections, College of Physicians of Philadelphia.)
Hutchins, Edward R., NH
Hyndman, Samuel E., OH
Jackson, William M., PA
Kennedy, Thomas J., TN
Kennedy, Robert S., PA
King, George A., PA
Klingensmith, Theodore P., PA
Knight, John, PA
Knipe, Septimus A., PA
Koch, Frederick W., MI
Landon, Hannibal, OH
Lankford, Alvin P., MO
Leech, Thomas F., IN
Levan, Daniel Henry, PA
Lindley, Henry S., PA
Long, Robert W., IN
Loughridge, Samuel O., OH
Lynde, Uri Colvin, NY
Mackie, Benjamin S., LA
Macpherson, William, PA
Madden, Edmund H., NJ
Magee, T. James, PA
Mason, Joseph Ritten, PA
Matlack, Richard B., TN
Matter, George F., PA
Maxwell, James A., PA
May, James Rundlet, NH
McCormick, A. Y., MD
McDowell, James W., IL
McElroy, James F., KY
McIntosh, John, NOVA SCOTIA
McMunn, John C., PA
McQuesten, E. Forrest, NH
McVicker, James P., PA
Mengle, Isaac L., PA
Meredith, William H., PA
Moore, Isaac H., PA
Müller, Henry, OH
Munn, Charles W., PA
Murray, Ransom N., MI
Musser, John Henry, PA
Napheys, George H., PA
Newberry, Thomas L., KY
Newell, William M., IL
Newton, P. C., KS
O'Leary, Arthur, NY
Orvis, Charles, IL
Owens, Benjamin F., KY
Patterson, Edwin S., PA
Patton, Frederick H., WV
Peck, Alexander L., NEW BRUNSWICK
Perkins, Finis M., KY
Perry, Matthias Rizer, KY
Peterson, Henry B., KY
Peyton, John C., TN
Phillips, William D., AR
Price, Daniel T., MS
Rahauser, George G., PA
Rebman, Lawrence S., DE
Reed, Jesse J., PA
Reed, Jacob, Jr., PA
Rhoads, George W., IN
Righter, Washington, PA
Roberts, Hiram S., IL
Rodgers, David C.C., MS
Ross, James Brice, KY
Russell, Ezra R., IL
Russell, Ephraim P., KY
Sallade, Franklin L., PA
Sears, Alfred A., IL
Semans, William R., PA
Shaeffer, Brett Randolph, MS
Shurtleff, Benjamin, IL
Snodgrass, James H., PA
Stockton, Thomas C.M., PA
Thackeray, William T., PA
Townsend, Ralph M., PA
Trout, Henry S., PA
Warren, John S., NH
Way, Jacob H., PA
Weathers, Lucien V., KY
Webb, John W., NJ
Webb, William H., PA
Weber, Reinhard H., GERMANY
Wheeler, William G., KY
White, James M., WV
Whitehead, Alfred M., OH
Wilson, William M., KY
Wilson, N. M., PA
Wilson, James E., PA
Wilson, John C., PA
Witmer, Abraham H., PA
Worthington, David J., PA
Yundt, W. Scott, PA
William Joseph Hearn, pictured as the anesthetist in the Eakins Gross Clinic, graduated in the 1867 class of 150. He was appointed as Anesthetist by Dr. Samuel D. Gross, later advanced to Chief of the Surgical Clinic, and still later to Surgeon to Jefferson and the Philadelphia (General) Hospital (Fig. 77). Highly regarded for his surgical judgement and technique, he was appointed Professor of Clinical Surgery in 1907. His career was terminated by an accident in 1910 with head injuries resulting in blindness. He died in 1917.

C. Lester Hall, a native of Missouri, served in the Confederate Army before beginning his medical training. After graduation from Jefferson, he practiced in Marshall, Missouri, until 1890 when he relocated in Kansas City to specialize in diseases of women. He became a leader in Kansas City medicine, President of the Missouri State Medical Society, and was elected Vice President of the American Medical Association in 1903.

Richard O. Cowling, a native of Kentucky, became Professor of Surgical Pathology and Operative Surgery at the University of Louisville in 1871. In 1879 he was made Professor of Science and Art of Surgery at the same institution.

Joseph K. Weaver, of Norristown, Pennsylvania, served on the advisory board of The Jeffersonian, a student publication that ran from April, 1899 to 1916. He also was President of the Alumni Association (1900/01).
Harris, James Walton, MS
Hays, M. P., PA
Hearn, William Joseph, DE
Henderson, John D.W., PA
Hepburn, Charles W., PA
Heysinger, I. W., PA
Higgins, Richard T., IL
Hill, Henry Howard, MD
Hitchner, Charles F., NJ
Hollingsworth, William R., NC
Holston, John G.F., Jr., OH
Howell, William Harrison, NC
Hunsberger, William E., PA
Hurt, P. L., MO
Kennedy, David, PA
King, Charles P., OH
King, Robert M., KY
Kline, Luther B., PA
Knorr, John K., Jr., PA
Kretzer, Aaron A., MD
LeBar, Amzi, PA
Lee, James M., WV
Lloyd, David Corey, PA
Lowman, Webster B., PA
Lowry, Silvanus Todd, KY
Lyle, James Nathaniel, TN
Martin, Zachary T., KY
Maxwell, James A., KY
May, Vance W., IL
McCaa, David J., PA
McDaniel, John R., AR
McGinley, Jeremiah, PA
McKean, William, OH
McNary, Robert B., KY
Mears, Juan B., Mexico
Meloy, Albert Parke, PA
Miller, Joseph W., PA
Mullen, Thomas J., PA
Mullin, John H., PA
Murray, R. J., PA
Myler, William F., IN
Newton, John Search, PA
Nichols, L. C., KY
Oatman, James J., PA
Ogden, P. B., WV
Orner, Charles T., PA
Orth, William M., IN
Otis, Ashbel R., NY
Patzki, Julius H.A., PA
Phillips, Ellis, PA
Porch, Albert, NJ
Porter, William T., PA
Purviance, George, PA
Read, Frederick B., PA
Reber, John W.H., PA
Reeser, Howard S., PA
Renfro, C. J., KY
Rex, Oliver P., AL
Richards, Milton S., PA
Rockefeller, Irvin M., PA
Rollman, William, PA
Rossor, John C., TX
Scales, Jefferson, NC
Schmalhausen, Henry, IL
Schmoele, William, Jr., PA
Scruggs, A. D., TN
Sims, Richard H., VA
Smith, J. R., NC
Smith, James I., DE
Smith, Robert B., Nova Scotia
Sterling, William D., IL
Stranahan, Chester W., PA
Thomas, Andrew J., MS
Thompson, William R., PA

Fig. 77. William Joseph Hearn (JMC, 1867), Clinical Professor of Surgery and Anesthetist to Samuel D. Gross as depicted in Eakins' Gross Clinic.
OBSTETRICS;

SCIENCE AND THE ART.

BY

CHARLES D. MEIGS, M.D.


FIFTH EDITION, REVISED.

WITH ONE HUNDRED AND THIRTY ILLUSTRATIONS.

PHILADELPHIA:
HENRY C. LEA.
1867.
In this year of 159 graduates a number of important physicians were included. The most notable was James W. Holland, destined to become Dean of Jefferson Medical College with twenty-nine years of service (Fig. 78). A native of Louisville, Kentucky, Dr. Holland was trained in chemistry at the University of Louisville. After his Jefferson graduation he returned to Louisville and engaged in practice but was soon (1872) elected to the Chair of Practice of Medicine and Clinical Medicine at the University of Louisville. In 1885 he was appointed to the Chair of Medical Chemistry and Toxicology at Jefferson and became Dean in 1887. His teaching in chemistry was directed toward clinical medicine and he was highly respected by the students. The Dean’s Roll Call, a portrait of Holland, was painted by Thomas Eakins in 1899.

James M. Barton, also a member of the class, was immortalized in the Eakins Gross Clinic portrait as the first assistant surgeon. Barton, a private student of B. Howard Rand, Professor of Chemistry, became chief clinical assistant to Dr. Gross the year following graduation and advanced to Surgeon at Jefferson Hospital in 1882. He was also Surgeon to Philadelphia General Hospital and the German (Lankenau) Hospital. He published extensively on surgical subjects.

Thomas S. Mays, following graduation with this class, practiced in Williamsport and Upper Lehigh, Pennsylvania, until his return to Philadelphia in 1885. This followed a period of study in Europe mainly in experimental pharmacology but including time at Brompton Hospital for Consumption, London, England. He became associated with the Philadelphia Polyclinic and College for Graduates in Medicine in 1885 and was named Professor of Diseases of the Chest. He assisted in organizing the Rush Hospital for Consumption in 1890 and served as Visiting Physician. He contributed more than one hundred articles to medical literature especially with respect to physiology and the action of drugs.

The year 1868 also marked the introduction of a short clinical thermometer by Sir Clifford Allbutt, later Regius Professor of Medicine at Cambridge University, England. This instrument was the improved version of the one constructed for Professor Sir W. Audit of Netly by Casella and it added a great deal to the accuracy of clinical diagnosis. Routine use of the thermometer, however, would require several decades.
<table>
<thead>
<tr>
<th>Name</th>
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<td>Maxwell, Archibald</td>
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<td>Mott, Eugene K.</td>
<td>PA</td>
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Mull, William D., IN
Musser, Milton B., PA
Myers, T. D., MD
Needham, William C.H., MA
Newman, Charles, PA
Noble, Angus, OH
North, Edward, NJ
Ogleby, James, PA
Parkison, John A., TN
Patterson, John Kinnier, VA
Peeples, James A., PA
Polk, John L., DE
Preston, Benjamin W., PA
Pryce, Richard W., PA
Quilez, Joaquin M., CUBA
Ragsdale, Edward, MO
Ramsay, Andrew M., PA
Rhea, Robert M., TN
Rhoads, Michael Albert, PA
Richards, Thomas J., IN
Ripple, John M., PA
Robinson, Thomas C., PA
Robinson, John A., SC
Sappington, John, Jr., MD
Schott, Arnold, PRUSSIA
Scott, Andrew H., AR
Seagrave, Clement S., NJ
Shannon, Richard D., MO
Shepard, W. E.W., OH
Shillito, George M., PA
Shultz, Peter H., PA
Sienknecht, Henry, TN
Silver, David R., OH
Smith, Stanley, PA
Spangler, Benjamin F., PA
Spratt, Napoleon B., MS
Statler, Emanuel J.B., IA
Steffey, John Llewellyn, MD
Stewart, John W., MO
Streeter, Henry W., NY
Todd, Edward A., MA
Underwood, William H., FL
VanBuskirk, James, PA
VanKirk, William F., VA
VanReed, Daniel R., PA
Wallace, R. Bruce, MO
Walters, John M., IL
Watkins, Claibourne, AR
West, Simeon Leslie, MD
Whann, Walter Lowrie, PA
Wheatly, Richard R., KY
White, Robert L.C., TN
Whitmer, Benjamin F., PA
Woodburn, William H., PA
Wylie, S. Moffatt, SC

MEMOIR

VALENTINE MOTT, M.D., LL.D.,

A MEMOIR OF VALENTINE MOTT, M. D.,

BY

S. D. GROSS, M.D., LL.D.

NEW YORK,
D. APPLETON AND CO.
PHILADELPHIA: LINDSAY AND BLAKISTON.
1868.
In this class of 127 the most famous graduate was James Cornelius Wilson, son of Ellwood Wilson (JMC, 1849), J.C. Wilson, educated at Princeton, Jefferson Medical College, and in Europe, went on to leadership in Philadelphia medicine. In 1891 he succeeded Jacob Mendes DaCosta as the eighth Chairman of the Department of Medicine at Jefferson (Fig. 79). Skilled in the teaching and practice of physical diagnosis, he was also actively involved in efforts to control tuberculosis, including the opening of a clinic at Jefferson in 1911, the forerunner of the Department for Diseases of the Chest. The J.C. Wilson Professorship of Medicine (Cardiology) at Jefferson was endowed in his honor in 1973.

The year was also marked by the death of Professor Robley Dunglison, personal physician to Presidents Jefferson and Madison, and one of Jefferson’s all-time most notable scholars (Fig. 22). As Professor of the Institutes of Medicine (1836-1868) and later as Dean (1854-1868) he greatly enhanced the prestige of the College through his skilled teaching and with his medical publications, especially his Medical Dictionary and his Human Physiology. Dr. Dunglison had retired one year earlier and was named Emeritus Professor.

Joseph H. North, Jr., of New Jersey, is memorialized along with his son, Harry R. North, Class of 1904, by the late Joseph H. North and Mrs. North of St. Paul, Minnesota, in the North Scholarship Fund at Jefferson.

Upon graduation with this class, Abner Wellborn Calhoun returned to his native Georgia and established a practice. He was appointed Professor of Eye, Ear and Throat at Atlanta Medical College in 1872.

Henry Leffman, Jr. went on to a distinguished career in chemistry, culminating in his appointment as “Pathological Chemist” at Jefferson in 1889. Prior to that he was Professor of Chemistry at Wagner Free Institute of Science, Pennsylvania College of Dental Surgery, and Woman’s Medical College successively. His later activities included responsibilities as Physician to the Port of Philadelphia and Chemist to the Pennsylvania Dairy and Food Commission.

| Allison, A. S., OH | Craig, G. G., PA |
| Apple, S. S., PA | Cushman, A., IN |
| Aulick, H., VA | Davie, M. S., AL |
| Baxter, R. G., NOVA SCOTIA | Detweiler, A. C., PA |
| Bigler, D. M., PA | Dickson, J. N., PA |
| Blanton, J. W., TX | Drummond, F., VA |
| Blanton, J. B., AR | Fletcher, F., VA |
| Bliss, E. W., MO | Frantz, F. F., PA |
| Broidrick, J. P., MD | Fulton, R. E., PA |
| Caldwell, A., PA | Gandy, L. T., NJ |
| Calhoun, A. W., GA | Garrison, J. E., PA |
| Chenault, W., KY | Gates, W. R., PA |
| Clark, A. C., PA | Gay, W. S.S., MA |
| Cleveland, J. F., SC | Gill, C. M., NJ |
| Cole, W. W., PA | Glenn, J. P., PA |
| Cooper, W. D., GA | Gwin, W. H., PA |
| Cope, Thomas, PA | Hall, J. E., PA |
| Copeland, G. W., NOVA SCOTIA | Harrell, W. S., GA |
| Cotton, W. G., PA | |
Fig. 79. James Cornelius Wilson (JMC, 1869), Professor of Medicine (1891-1911).
Reynolds, H. V.H., GA
Riddle, J. R., PA
Ridley, R. B., GA
Riggs, E. S., PA
Robinson, A. W., WV
Rockafelder, A. S., PA
Santee, E. A., PA
Scanlon, M. D., NY
Schenck, J. H., Jr., PA
Schoener, F. D.H., PA
Senderling, W. H., PA
Sheets, H. W., PA
Shellenberger, J. E., OH
Shriner, Thomas, PA
Simpson, W. L., PA
Slayden, J. D., TN
Smith, J. F., MO
Smoot, J. N., TN
Snively, S. K., PA
Stafford, C. T., NC
Stevens, Mordaunt, FRANCE

Stotler, F. R., PA
Strawn, Joseph, CA
Stubbs, H. J., PA
Thomas, G. L., PA
Todd, J. S., AL
Traver, D. B., PA
Treicher, A. C., PA
Underwood, I. W., PA
Vankirk, B. H., PA
Vansickle, Lewis, PA
Wallace, I. A., PA
Weller, C. O., TX
Wiley, Eugene, NJ
Wilkins, D. F., VA
Wilkinson, C. H., TX
Wilson, J. C., PA
Winder, W. G., PA
Woodard, F. M., TN
Wright, R. S., PA
Wright, J. S., PA
Yates, Edward, NY

MANUAL

OF

HYPODERMIC MEDICATION.

BY

ROBERTS BARTHOLOW, A.M., M.D.,

Professor of Materia Medica and Therapeutics in the Medical College of Ohio;
Lecturer on Clinical Medicine and Physiology in the Hospital of the Good Samaritan; Lecturer on Materia Medica and Philosophy in the Cleveland Hospital. Author of the Brownian and Seventeen Prize Essays of the National Medical Association Prize Essay on Accidents, for 1852, of the Prize Final Prize Essay on the Broodstock, for 1808, etc., etc.

PHILADELPHIA:
J. B. LIPPINCOTT & CO.
1869.

Roberts Bartholow, M.D., Professor of Materia Medica (1879-91)
On March 12 of this eventful year, Samuel D. Gross (JMC, 1828) brought together a five-member committee, with Nathan Hatfield, a graduate of the first Class of 1826 as Chairman, charged with the responsibility of organizing an Alumni Association. Gross, the Founder, who was aware of the power and influence that an Association of its graduates would have upon the welfare of the Medical College, also included “cultivation of good feelings among the alumni, and above all, the advancement of the interests of medical education and the diffusion of sound medical knowledge.”

Also, on March 12th of this same year, Jefferson Medical College held its exercises for 160 graduates for the first time in the Academy of Music (opened in 1857). Except for rare occasions when the Academy was not available, because of renovations in progress, the Jefferson graduations have been held there ever since.

George McClellan, grandson of the Founder of Jefferson Medical College, became an important anatomist, surgeon, artist, and author. Among his publications were *Regional Anatomy* (1892) in two volumes and *Anatomy in Relation to Art* (1901). He served as Chairman of Applied and Topographic Anatomy at Jefferson from 1905 to the time of his death in 1913. His handsome portrait in the Jefferson art collection shows his hand resting on a table containing his published books and the skull of the famous Shakespearean actor, George Frederick Cooke, who lived from 1756 to 1812 (Fig. 80). McClellan obtained the skull from a physician whose father had performed the autopsy. It was subsequently given to Dean Ross V. Patterson who willed it to Jefferson. It remains a unique item in Jefferson’s archives.

Thomas D. Davis, a native of Virginia, obtained a B.A. degree (1866) from Washington and Jefferson College and later honorary M.D. and Ph.D. Degrees from the same institution. After graduation from Jefferson in 1870 as president of his class, he not only practiced medicine and surgery, but became active in academia, professional societies, and civic affairs. He lectured in ophthalmology in the Starling Medical College and for eight years was Professor and Lecturer of Physiology in the Pennsylvania College for Women (Pittsburgh). He became President of the Allegheny County Medical Society and the Pennsylvania State Medical Society (President of its Board of Trustees) and President of the Jefferson Medical College Alumni Association (1903).

Fig. 80. George McClellan (JMC, 1870), grandson of Jefferson’s Founder, Chairman of Applied and Topographic Anatomy (1905-13).
was a Trustee of the Western Theological Seminary, President of his local Young Men’s Christian Association and for 20 years President of his local school board in Pittsburgh.

William H. Parish, a member of the class from Mississippi, served as Professor of Gynecology at the Philadelphia Polyclinic and College for Graduates in Medicine, Professor of Anatomy at the Woman’s Medical College of Philadelphia, and Professor of Obstetrics at Dartmouth Medical College.

Morris Hale came to Jefferson in 1869 with an M.D. degree already obtained from the University of Michigan in 1864. He served on the Union side in the Civil War as an Assistant Surgeon. Among his early interests were the mineral water cures in sanitoria. He also was a founding member of the Roentgen Society of U.S.

Abbott, Benjamin T., NJ
Albert, John V., PA
Atlee, W. Lemuel, PA
Attaway, Thomas Mutter, TX
Barclay, John W., AL
Barnes, Robert H., PA
Bartleson, Henry C., PA
Beckwith, Frank Edwin, CT
Belo, Arthur F., NC
Betts, J. M., ID
Blachly, S. L., PA
Black, Clarence E., CANADA
Bowen, John James, PA
Brayton, E. Cullen, NY
Breneman, M. B., PA
Briggs, B. B., MI
Brown, J. Jordan, PA
Bruckart, W. Scott, PA
Buckby, Wilson, PA
Butterfield, Thomas H., PA
Campbell, Charles, PA
Chessrown, A. V., PA
Clark, E. W., VT
Collings, Posey, IN
Crenshaw, John W., KY
Crook, Joseph A., TN
Davis, John B., PA
Davis, Thomas D., PA
Dellenbaugh, Z. T., OH
Detweiler, Moses H., PA
Dickson, S. Henry, Jr., SC
Donaldson, S. J., VT
Dundore, Frank P., PA
Eberly, Alison K., PA
Edwards, Isaac L., PA
Ellis, J. Wesley, KY
Eshelman, Emory, PA
Fegley, Amandus N., PA
Ferguson, James E., MI
Franklin, M., GA
Frink, C. S., IN

Fritsch, Herman, PA
Fritzingler, Richard J., PA
Gaines, J. H., VA
Gates, Joseph M., MN
Gaut, Matthew B., PA
Gemmill, Jacob M., PA
Graham, D. M., PA
Griffith, John H., NJ
Halbert, A. C., MS
Hale, Morris, IL
Hammer, Joseph Hinton, KY
Hanna, Hugh, PA
Henderson, Henry G., GA
Hengst, D. Alfred, PA
Hickey, Eugene H., NY
Hill, George A., AL
Hittell, Randolph S., PA
Hoffman, Charles I., PA
Hopkins, Ellwood E., PA
Hopson, Joseph, KY
Howitt, William H., CANADA
Huebener, Walter A.M., PA
Huffman, John M., MO
Hullihen, M. F., WV
Hunter, W. G., PA
Irby, W. C.M., SC
Izard, W. H., NJ
James, H. C., PA
Jarrett, George B., PA
Johnson, George F., GA
Johnston, Samuel, MD
Jones, Robert E., TX
Jones, Meredith D., MS
Keller, Henry D., PA
Kendall, Henry W., IL
Kennedy, Clempson L., KS
King, William H., PA
Kreitzer, John A., PA
Landis, Henry G., PA
Leggett, Leverett L., OH
Levy, Charles P., TN
Lockwood, George A., NY
Lort, Joseph, MD
Marsh, Erasmus W.W., DE
McAlerney, William M., PA
McCandless, A. W., PA
McCarthy, Samuel L., PA
McCarty, Thomas I., IL
McClellan, George, PA
McColly, Marst M., PA
McDonald, G., VA
McFadden, Will Gasten, IN
McGaughey, James D., TN
McIlwaine, R. Emmett, PA
McLean, E. P., PA
Miller, J. Edwin, PA
Miller, J. K., PA
Miller, John P., PA
Minich, A. K., PA
Mitchell, John R., VA
Moss, G. W., PA
Mosser, E. Neff, PA
Musser, F. M., PA
Neff, George W., Jr., PA
Noble, John E., MS
Osgood, Hamilton, MA
Oxamendi, Pedro F., CUBA
Parish, William H., MS
Parke, Benjamin R., PA
Parker, Samuel H., AR
Patterson, John P., PA
Plank, Edward H., PA
Poley, Cyrus S., PA
Porter, Joseph Yates, FL
Powell, James, KY
Prime, Elon G., VT
Reeves, M. W., NJ
Ressler, Joel G., PA
Robbins, George R., Jr., NJ
Russell G. T., TN
Rutledge, Shallus R., PA
Schmoele, William F., PA
Schrmer, Franklin, PA
Scott, John G., PA
Senseny, Edgar N., PA
Sharp, Samuel F., OH
Shultz, Abner W., PA
Smart, D. S., PA
Smith, Albert M., PA
Smith, Mark L., NJ
Smith, Frank H., NY
Smith, Robert E., MO
Snodgrass, John B., WV
Spackman, Reuben V., PA
Spencer, John E., NJ
Stokes, J. G., IL
Taxis, J. B., IL
Taylor, S. W., AL
Taylor, J. Richard, KY
Thompson, James, MO
Trabert, J. W., PA
Trenchard, Albert, PA
Trevino, Miguel, MEXICO
Turpin, T. J., Jr., KY
Ullom, J. T., PA
Van Nuys, John D., IN
Van Valzah, Frank H., PA
Vinson, John W., GA
Voorheis, Samuel M., IN
Walker, James K., KY
Watson, Lemuel, MO
Wells, Howard, PA
White, T. H., PA
White, George A., CA
Wick, Addison J., PA
Wilson, Francis S., PA
Zimmerman, G. P., PA
Zuber, D. J., MS

To study the phenomena of disease without books is to sail an uncharted sea, while to study books without patients is not to go to sea at all.

Sir William Osler (1849-1919)
Professor Jacob M. DaCosta this year published his landmark article On Irritable Heart; A Clinical Study of a Form of Functional Cardiac Disorder and its Consequences. (Amer. Jour. Med. Sc., 1871, 61, 17-52). This marked him as a pioneer in the field of cardiology and constituted the first approach to the description and study of functional disorders of the heart.

The Annual Announcement (1871/72) included the introduction of supplementary lectures to be given during April, May, June and September, open to all matriculants without extra fees. These lectures antedated the extension of the normal courses beyond the traditional months of October to March.

Other notable events of the year included the publication of Darwin’s The Descent of Man, which applied the idea of continuous development suggested earlier in his Origin of Species by Means of Natural Selection. Early progress in bacterial studies was stimulated by Weigert’s report of the first staining of bacteria with carmine, heralding his later discovery of the use of aniline dyes. Another event of medical significance was the demonstration by Olaf Hammarsten of the role of fibrinogen in coagulation of the blood.

Professor J. Aitken Meigs, Professor of the Institutes of Medicine and Medical Jurisprudence, served as President of the Philadelphia County Medical Society.

In this class of 127, John C. Berry, of Maine, graduated with honors. He was one of the first medical missionaries to go to the Far East where in Japan it was now permissible to openly teach Christianity (Fig. 81). In 1873 he founded a Sunday school which was the first for the Japanese in the country. The following year he was the first to compile a Japanese hymnbook. Soon after arrival he was consulted because of an epidemic of beri-beri among the inmates of the city prison. He drew up a detailed outline of reforms, including better hygiene, disinfection, better care of the sick, introduction of manual labor and industrial employment, appointment of a prison chaplain, and plans for a new prison building. Another “first” to his credit was obtaining permission from the government to use unclaimed bodies of executed criminals for postmortem examinations for teaching anatomy to the hospital staff and student physicians. A facility was built which in central Japan was the first classroom for the study of human anatomy by dissection. In 1913 Dr. Berry was honored by the Emperor of Japan with the Imperial Order of the Third Class of the Sacred Treasury.
John A. Ritchey after graduation entered private practice in Oil City, Pennsylvania, which became so large that he formed a partnership which eventually required a third physician. This was a very early example of group practice. In 1890 he studied surgery in Europe with the most famous surgeons of London, Paris and Berlin, and two years later at the Postgraduate Medical College in New York City. He was a surgeon with the Erie and Pennsylvania railroads for 30 years (Fig. 82). He also became a censor of the Medico-Chirurgical College of Philadelphia and a President of the Western New York and Pennsylvania Railroad Surgeon’s Society. The degree of Master of Arts was conferred upon him in 1874 by Washington and Jefferson College.

James G. Hunt grew up in a family in which his father and four uncles were physicians. In addition to a large private practice he served as President of the Oneida County Medical Society, of the Utica Medical Library Association, and of the Northern Branch of the New York State Medical Association. He was appointed by Governor A.B. Cornell as Health Commissioner of the New York State Board of Health. He contributed largely to the Annual Reports of the State Board of Health as Chairman of the Committee on Public Institutions.

Adams, W. Powell, PA
Adler, L. H., MD
Alden, James M., MI
Anderson, James R., CANADA
Armstrong, George M., KY
Armstrong, Leon H., OH
Armstrong, Alex H., PA
Baker, Zadoc W., AL
Beatty, Hamilton K., PA
Becker, Edward F., TX
Berry, John C., ME
Blocksom, Joseph T.V., DE
Bogman, Charles H., UT
Boughter, J. Fraser, PA
Bradford, Thomas S., KY
Brown, S. Augustine, NC
Bucher, Benedict D., PA
Burtnett, Jasper N., IL
Carson, John Alligon, PA
Cherry, James, CANADA
Christy, Robert W., PA
Clements, Franklin M., KY
Cox, Joseph J., NC
Crandall, Henry Newton, NY
Crary, Chas. W., NY
Crely, Benton H., IA
Crook, Williams J., TN
Cummings, Josephus, TX
Davison, Henry B., CA
Dial, B. F., TX
Drake, Cicero H., PA
Drescher, Joseph M., PA
Dunn, James C., NOVA SCOTIA
Eakins, Jehu, OH
Eisaman, Cyrus D.B., PA

Elliger, Arthur F., PA
Ellis, Joseph Warren, MS
English, W. T., PA
Ensminger, William H., IL
Estes, Louis P., TN
Fleming, John C., PA
Fowler, Silas W., OH
Fraser, Simon, NOVA SCOTIA
Fritch, Milton L., PA
Gates, Bruce V., CA
Getchell, Frank H., PA
Gillen, Richard H., IN
Goehring, Charles L., Jr., PA
Goodwin, Henry P., SC
Gress, H. V., PA
Harris, S. A., NY
Heilman, Salem, PA
Holbrook, Charles N., PA
Hottenstein, Austin C.L., PA
Houts, John A., PA
Howell, Samuel T., MO
Hughes, John C., PA
Hunt, L. C., VA
Hunt, James G., NY
Hunter, Cassius F., OH
Kain, John Rennett, PA
Kamerer, Joseph W.B., PA
Kehm, Henry, PA
Kerchner, Benjamin L., PA
Kissing, A. H., PA
Lawson, T. Chalmers, PA
Lecrone, Israel Philip, PA
LeFerte, Daniel, CANADA
Madden, Charles D., PA
McBride, Thomas K., PA

CLASS OF 1871

1871 141
Fig. 82. John A. Ritchey (JMC, 1871), industrial surgeon.

CLASSIC DESCRIPTION OF FUNCTIONAL HEART DISEASE (SEE TEXT)

ART. I.—On Irritable Heart; a Clinical Study of a Form of Functional Cardiac Disorder and its Consequences. By J. M. Da Costa, M. D., one of the Physicians to the Pennsylvania Hospital, etc.

In this paper I propose to consider a form of cardiac malady common among soldiers, but the study of which is equally interesting to the civil
The Annual Announcement for 1872 lists statistics regarding the total number of graduates from 1826 through 1872. Of interest is the recording of the place of origin for each alumnus. In spite of the dislocations resulting from the Civil War and other factors, there were still many students from distant states and foreign countries. Of the total of 6,052 graduates, 1877 were from Pennsylvania, 947 from Virginia and many from other Eastern States. A total of 38 states, 21 foreign countries, and four Canadian Provinces were represented.

Joseph C. Hearne, a native of Kentucky, went on to a career in industrial medicine and an interest in the developing field of public health. He was secretary of the Missouri State Board of Health and an early member of the American Public Health Association. Following his move to California, he pursued similar interests and also served a term as Vice President of the National Association of Railway Surgeons.

Among the earliest of the portraits of faculty members, donated to the College during the 1870s was that of Charles Delucena Meigs, Professor of Obstetrics and Diseases of Women and Children (Fig. 83). This was the beginning of a tradition that culminated in a Jefferson art collection.
Fig. 83. Samuel Bell Waugh portrait of Charles Delucena Meigs, Professor of Obstetrics (1841-1862).
The degree of Doctor of Medicine was conferred upon 149 graduates in the Academy of Music by the Honorable Jesse R. Burden, M.D., President of the Board of Trustees pro tempore. He was a University of Pennsylvania School of Medicine classmate of the founder of Jefferson, Dr. George McClellan. Dr. Burden had served in the Pennsylvania State Legislature for 15 years and as Speaker of the Senate during the latter part of his term. The Valedictory Address was delivered by Benjamin Howard Rand, Professor of Chemistry (Book Cover).

William Houston Greene pursued a career in chemistry after serving as Assistant to Professor of Chemistry, B. Howard Rand at Jefferson directly after graduation. In 1877 he left for two years of study in Paris and in 1879 he became a Demonstrator of Chemistry at Philadelphia Central High School where his advanced teaching methods and laboratory practice were notable. He resigned to enter business and established himself as a very skillful consulting chemist. He published his own textbook, edited others and was a member of the American Philosophical Society, the Chemical Society of London and the Societe Chimique of Paris. His bust by Samuel Murray was acquired by Jefferson in 1919 (Fig. 84).

William John Rothwell was 34 years of age upon graduation with this class. He was a native of Ottawa, Canada, and was educated in Ontario, later graduating from the University of Michigan at Ann Arbor. Upon graduation from Jefferson, he practiced in Idaho until 1887 when he moved to Denver, Colorado, and became associated with the Gross Medical College, teaching chemistry and clinical medicine. Later he was named Professor of Materia Medica, Therapeutics, and Clinical Medicine (Fig. 85). The Gross Medical College was named for Samuel D. Gross at the suggestion of Dr. Clayton Parkhill (JMC, 1883). It later merged with Denver Medical College and ultimately became a part of the University of Colorado complex. Dr. Rothwell was regarded as one of its distinguished professors.

Franklin West, Following graduation, became Prosector to the Professor of Surgery and Curator of the Museum. He is depicted as the Recorder in the Gross Clinic by Thomas Eakins.

W. Harvey Hartzell became prominent in professional and civic affairs in Allentown, Pennsylvania. He served as President of the Jefferson Medical College Alumni Association in 1902.

Lewis J. Picot returned to practice in his native North Carolina where he served as President of the State Medical Society in 1899.

Fig. 84. William H. Greene (JMC, 1873), internationally prominent in chemistry.
Adams, F. Percival, VA
Ake, John G., PA
Alexander, George E., PA
Austin, Alvin A., MO
Bingham, John E., OR
Black, M. F., PA
Blanck, Ephraim K., PA
Blomer, Augustus P., PA
Blyholder, C., PA
Bonsieur, Jean Paul, ENGLAND
Botsford, Le Baron, NEW BRUNSWICK
Brause, John M., PA
Brewster, William Barton, PA
Brown, Daniel Haines, GA
Brown, Robert C., VA
Brown, Thomas A., DE
Brunet, John E., CUBA

Brusstar, H. B., PA
Burris, William A., LA
Campbell, E. B., PA
Campbell, Thomas B.R., NOVA SCOTIA
Carlton, W. A., GA
Carter, W. W., MO
Cressman, Emanuel, PA
Davis, B. H., PA
Deaderick, E. L., TN
Dodge, N., PA
Downes, Bennett, MD
Dreher, George W., PA
Eberhard, J. O., PA
Eliason, John, MD
Elliott, C. B., PA
English, H. J., AR
Engram, R. O., GA
Erdman, A. J., PA
Farrow, E. W., PA
Fay, Francis Marcus, BELGIUM
Fay, Varley George, BELGIUM
Fife, J. Rowland, PA
Fisher, Charles H., CA
Floyd, John B., PA
Foster, D. Gilmore, PA
Frantz, Elias H., PA
Gaddis, L. Springer, PA
Garinger, George F., PA
Graham, Douglas, MA
Greene, W. H., PA
Halbert, J. E., MS
Hall, Chas. H.H., IL
Hancker, William H., PA
Hartzell, C. M., PA
Hartzell, W. Harvey, PA
Hatch, Fred W., Jr., CA
Henderson, Samuel, TN
Hess, J. W., PA
Hester, William Weir, IN
Howeth, V. A., TX
Hull, A. P., PA
Hurst, N. N., IL
Irwin, Jos. W., IN
Johns, S. P., PA
Jones, John W., TN
Jones, S. Willard, NY
Jones, Thomas J., GA
Jordan, W. A., KY
Keeler, William A.T., PA
Kernan, Thomas H., PA
Lamont, Robert Bruce, PA
Lane, William H., OH

Fig. 85. William John Rothwell (JMC, 1873), Professor of Materia Medica in the Gross Medical College of Denver, Colorado. This College was founded in 1887 and named in honor of Samuel D. Gross.
Lawrence, Charlie W., TX
Lawyer, Fletcher C., PA
Lindley, Lutellus W., PA
Linebaugh, Joseph T., TN
Linville, Montgomery, PA
Lippincott, J. A., NOVA SCOTIA
Marlin, T. J., PA
Mateer, R. M., PA
Matthews, Abel J., PA
McCann, E. W., OH
McClelland, Cochran, IL
McCrory, W. F., CANADA
McHenry, George M., IL
McLaughlin, A. J., PA
McLean, Daniel, PA
Mindil, H. W., PA
Miner, A. G., OH
Moore, Harmar D., PA
Morrow, John W., PA
Nipple, John O., PA
Orr, Wilson J., PA
Palmer, David, PA
Park, Wesley, IL
Parson, John S., PA
Patten, Newton N., PA
Peabody, Charles A., MA
Pease, Walter C., WI
Percy, H. T., VA
Petrie, Herbert L., MS
Picot, Louis Julien, NC
Prendergast, Patrick J., IRELAND
Prettyman, G. W., DE
Red, G. J., MS
Robins, William B., PA
Ronaldson, W. D., PA
Rothwell, William J., ID
Rowland, Francis F., PA
Rush, E. W., AR
Sawyer, R. P., ME
Seaton, B. C., PA
Semans, T. B., WV
Skilling, M. J., PA
Smathers, W. J., PA
Smith, G. Albert, PA
Smith, F. A.A., ENGLAND
Spalding, Francis J., CUBA
Spencer, William Gardner, NY
Stayer, A. S., PA
Stickel, Harry L., PA
Stockbam, Alonzo, PA
Strother, Lyman, T., IN
Stubbs, Walter P., GA
Taylor, W. S., NC
Taylor, W. V.M., PA
Taylor, W. G., NJ
Tennent, John C., DE
Torrence, J. M., PA
Town, Edwin C., PA
Trenchard, C. M., NJ
Trexler, Horatio D., PA
Urtecho, J. Y, NICARAGUA
VanKirk, William Kirnan, PA
VanValzah, H. B., PA
Weaver, George W., PA
Weaver, Elijah, PA
Weaver, L. F., NY
West, Franklin, PA
Wheeler, Eno S., PA
White, Thomas J., AL
Wiggins, S. Lowry, PA
Williamson, Jesse, Jr., PA
Wilson, Clarence G., PA
Wilson, Samuel G., PA
Winter, J. W., PA
Winters, D. Nixon, PA
Wolford, W. Scott, PA
Woodbury, Frank, PA
Woolford, Joseph S., NJ
Wordin, N. E., CT
Young, Miller, IA

“The natural course of the human mind proceeds from credulity to skepticism.”

Thomas Jefferson (1743-1826)
The Commencement was held at the Academy of Music on March 11, at which time the M.D. degree was awarded to 151 graduates by the Honorable Jesse R. Burden, M.D., President of the Board of Trustees pro tempore. A Valedictory Address was delivered by Professor Jacob Mendes DaCosta. During the ceremonies the portrait of Professor Samuel D. Gross by Samuel Bell Waugh was presented to the College.

It was during this year that the portrait of Benjamin Howard Rand was painted by Thomas Eakins. This was the first portrait by Eakins, then 30 years of age, of a scientific personality not a relative or friend. Dr. Rand gave this highly regarded portrait to Jefferson Medical College in 1877. It is now displayed in Jefferson's Eakins gallery and adorns the cover of this book.

Edward Emmet Montgomery was president of the class. Following 15 months as resident physician at Philadelphia General Hospital he began his practice but also taught private classes in Physiology and Anatomy at Jefferson. He joined the staff in Obstetrics at Philadelphia General Hospital in 1878 and the following year performed the first successful ovariotomy (oophorectomy) before a public clinic in Philadelphia. Dr. Montgomery in 1886 was Professor of Gynecology at Medico-Chirurgical College of Philadelphia and in 1892 he became the first Professor of Gynecology at Jefferson where he introduced the practice of having students examine patients in the clinic. He was the author of a well-known textbook, Practical Gynecology, and numerous papers. He was a Founding Member and later President of the American Association of Obstetrics and Gynecology, a Trustee of the American Medical Association and its Vice-President in 1910 (Fig. 86).

John Veitch Shoemaker as a student had organized the Jefferson Quiz Association and went on to become its quizmaster in Materia Medica and Therapeutics for six years. He became a Demonstrator of Anatomy at Jefferson upon graduation but soon began his pioneer work by establishing a dispensary of dermatology in 1875. This was so successful that Jefferson provided hospital space for the dispensary in 1880 and appointed him Lecturer in Skin Diseases in 1883. In 1886 he left Jefferson to become Professor of Skin and Venereal Diseases and Dean at the newly established Medico-Chirurgical College of Philadelphia where he went on to achieve power and success. He published extensively and acquired an international reputation in his special field as well as in the broader fields of medical practice, military medicine (Spanish-American War), and care of the poor and mentally ill.

John B. Roberts went on to a distinguished career in the developing field of plastic surgery (Fig. 87). He was a nephew of Jefferson surgeon Dr. Richard J. Levis (JMC, 1849) who was a pi-
pioneer in that field. Roberts became a member of the Jefferson surgical staff for a few years following graduation but then transferred to Philadelphia Polyclinic Hospital. There he was President for some years and Professor of Anatomy and Surgery until its merger to form the Graduate School of Medicine of the University of Pennsylvania in which he also became Professor of Surgery. He wrote extensively and devised numerous instruments and procedures for fractures and reconstructive surgery.

John Nutting Farrar who received his Jefferson M.D. this year when he was thirty-four years of age, had a prior degree in dentistry from the Pennsylvania College of Dental Surgery and was also skillful in the mechanical arts. During his early years in Philadelphia he is stated to have invented for Robley Dunglison an embossing typewriter for the use of an institution for the blind of which Dunglison was president. Dr. Farrar went on to a career of dental surgical practice, publications and the invention of numerous dental instruments.

Daniel Hummel Coover was the son of Eli Houser Coover (JMC, 1850). He became an ophthalmologist and in 1890 settled in Denver, Colorado, developed a large consulting practice, and was appointed Professor of Ophthalmology at Gross-Denver Medical College.
Fooks, John W., DE
Foster, William C., PA
Foulke, Samuel L., PA
Fulton, Archibald J., KS
Gailey, Calvin P., CA
Gale, George T., OH
Gardner, Samuel, CANADA
Getz, H. L., PA
Gilmore, A. P., PA
Goicuria, Antonio, PUERTO RICO
Goodman, Edward E., PA
Gordon, J. Crawford, PA
Gorgas, S. R., PA
Graybill, K. P., VA
Gresham, William F., GA
Hammond, T. W., MN
Hare, Thomas Dabney, AR
Hartman, Paul A., PA
Hays, Richard T. D., MS
Hays, Robert M., PA
Hildenbrand, Louis W., PA
Hines, Eben P., PA
Hollenback, Jacob S., PA
Hoover, Albert M., PA
Hosack, William, PA
Hottle, Edwin B., PA
Hudgings, John C., TN
Humphreys, George L., PA
Ivins, George, NJ
Jessop, Charles J., PA
Jones, George M., AL
Keller, Franklin B., PA
Koch, Josiah A., PA
Koogler, M. A., OH
Lamkin, Samuel R., TX
Latham, James C., PA
Lebcher, Chester, OH
Leberknight, F. B., PA
Leonard, W. L., IA
Lewis, Eugene R., MO
Lockwood, John S., IL
Loeling, Gerhard, PA
Maclay, Archibald I., IL
Mann, Charles H., PA
Mathews, Adrian, PA
McCarthy, Henry C., PA
McCormick, Horace G., PA
McCosh, Samuel A., PA
McKennon, Archibald M., AR
McLennan, Alexander, TN
McNeil, George W., PA
Meyer, L. George, PA
Miller, D. Rentlich, PA
Miller, Martin L., MD
Montgomery, Edward E., OH
Moore, William J., NY
Mullan, Eugene A., PA
Nevins, John C., PA
Onan, Dennis, KY
Parker, Gilbert L., PA
Parks, Edward L., MA
Partridge, Conrad L., PA
Patterson, Howard, PA
Powell, William S., OH
Pursel, W. Wilson, PA
Ramsey, Robert W., PA
Read, Josephus D., NOVA SCOTIA
Reed, George K., PA
Reeser, T. Howard, PA
Register, H. C., PA
Rich, J. Bartlett, CT
Ritchie, M. M., PA
Ritter, J. Ellis, PA
Roberts, John B., PA
Robinson, George B., CT
Ross, Frank Marcellus, ME
Runkle, William V., PA
Sampsel, D. S., Jr., OH
Sayles, Charles E., NY
Schmidt, Henry, PA
Shoemaker, John V., PA
Silliman, James E., PA
Silvara, Joseph W., PA
Simsohn, Joseph S., GERMANY
Small, John A., NC
Snow, Emerson E., MA
Sowash, Millard, PA
Spalding, A. Eugene, MI
Spangler, Jacob R., PA
Staub, Franklin N., PA
Stehley, Martin L., PA
Strong, Charles D., GA
Stubbs, D. Alfred, PA
Taggart, Horace D., OH
Taylor, William S., PA
Taylor, Thompson J., KY
Temple, James D. W., MD
Turner, Henry H., AR
Uhler, Tobias M., PA
Venn, John Francis, PA
Walrond, Benjamin, NOVA SCOTIA
Weaver, A. S., PA
Wedge, Dudley O., IL
Wentz, Thomas H., PA
West, George W., OH
West, William L., WV
Willetts, Theodore L., PA
Wilson, Harry M., PA
Wingerd, C. Z., PA
Young, A. G., PA
Ziegler, Charles R., OH
The Commencement was held on March 11 at which time the M.D. degree was conferred upon 170 graduates by the Honorable Jesse R. Burden, M.D. The Valedictory Address was delivered by Professor Samuel D. Gross.

In retrospect, this was a momentous year in that the 31 year-old Thomas Eakins painted his uncommissioned world famous masterpiece, The Gross Clinic, that immortalized Professor Samuel D. Gross (Fig. 88). Daniel M. Appel of this class was depicted as a surgical assistant in the lower right foreground of the painting.

Joseph Seal Neff, son of a leading Philadelphia physician, Dr. Charles Neff (JMC, 1852), went on to signal achievements for Jefferson and Philadelphia. Able and well educated, including foreign study, he became Attending Physician at Jefferson Hospital and at Philadelphia General in 1881 to 1882. In 1889 his medical career was interrupted by impaired health and he acquired business skills with the firm of L.C. Vanuxem & Co. He capitalized on this experience in resuming his medical connections in 1895 when he was appointed Medical Director of Jefferson Hospital (Fig. 89). In this post, he made a major contribution to the planning of the 1907 Hospital Building which was constructed without a general contractor. Dr. Neff resigned in 1907 to become Director of the Department of Public Health and Charities of the City of Philadelphia. Having served also as President of the Medical Staff, he was made Emeritus by the Board of Trustees.

Jeremiah Thomas Eskridge joined the staff of the Department of Anatomy upon graduation and in 1880 became Attending Physician at Jefferson Hospital. In 1883, his interest having been stimulated in neurology, he became an instructor in nervous and mental diseases. He developed tuberculosis later that year and settled in Colorado. In 1888 he resumed practice in Denver and in 1892 became Dean of the Medical Faculty as well as Professor of Nervous Diseases and Medical Jurisprudence at the University of Colorado. He resigned in 1897 to pursue his interest in treatment of mental diseases as Commissioner of the State Asylum for the Insane and for a medico-legal career. He published numerous papers. Dr. Eskridge was the first official faculty member at Jefferson to teach nervous and mental diseases and was also one of the early professors of psychiatry in the United States.

James William Neely became a prominent and progressive Pittsburgh physician and surgeon who contributed numerous articles to medical literature and was also the inventor of the Neely fracture bed.
Abell, Amacey B., PA
Agnew, John, PA
Allen, Dixon C., NEW BRUNSWICK
Appel, Daniel M., PA
Baker, L. Jackson, PA
Baldwin, William H., CA
Balmer, Abraham, F., PA
Barr, Samuel L., DE
Bell, Edward H., PA
Bennet, Eben H., NEW BRUNSWICK
Black, Charles H., PA
Black, Henry M., PA
Bley, David L., IL
Borland, M. H., PA
Boydston, Walter J., WV
Braddock, Richard S., NJ
Bradley, Charles, PA
Brinton, William M., PA
Brown, James M., PA
Burns, Bernard, PA
Burroughs, J. J., TX
Bush, Horace, PA
Caldwell, J. J., IA
Calhoun, Albert J., PA
Cateron, William M., PA
Clark, Samuel M., PA
Coile, Henry P., TN
Cope, George W., PA
Creasey, Lloyd S., PA
Crowell, T. Alexander, NC
Crowell, George Edgar, OH
Crowell, David H., OH
Darlington, William S., PA
Davenport, Hugh H., PA
Davis, Joseph C., PA
Davis, John D., PA
Davis, Hugh L., PA
Dease, Stephen S., INDIA
Deaver, Jesse A., PA
DeGrofft, Eugene E., NJ
Derhamer, Wesley A., PA
Dickson, James W., PA
Dodds, J. Spratt, PA
Drake, Charles Mutter, TN
Dunlap, J. Francis, PA
Dwight, M. Barclay, NY
Eck, William H., PA
Edwards, C. C., NY
Eldred, Charles C., IL
Ellis, Melvin B., SC
Ellis, George S., MS
Endicott, George W., NJ

Eskridge, J. T., DE
Fisher, Frank, PA
Fulton, H. C., PA
Gaskins, J. L., FL
Gates, Albert V., OH
George, Matthew R., PA
Gladden, George, PA
Gleason, Daniel F., NY
Godfrey, E. L.B., NJ
Grady, James B., ME
Grady, John F., CA
Grant, James M., KY
Gray, Thomas D., PA
Groff, Charles A., MD
Hall, Charles F.W., MD
Hankins, John, PA
Hardeman, Samuel, TN
Harris, John B., TX
Heintsh, Heber D., SC
Hill, T. Benton, PA
Hill, Richard J., MN
Hogue, Davis A., PA
Hoskins, Percy C., PA

Fig. 89. Joseph Seal Neff (JMC, 1875), Medical Director of the 1877 Jefferson Medical College Hospital from 1895 to 1907.
Hoss, Archibald C., TN
Houseman, William W., PA
Ingram, Thomas D., PA
Jarrell, Henry J., TX
Johnson, Edward L., OH
Johnston, Charles W., PA
Johnston, A. Warriston, PA
Johnston, J. Clark, PA
Jones, Paul, MD
Keaggy, John B., PA
Keelor, Reinard S., PA
Kelly, George M., PA
Kiester, D. Milton, PA
King, John W., MS
Kirkhuff, A. Lewis, PA
Kistler, Jacob K., PA
Klingensmith, I. Putnam, PA
Knight, Robert B., PA
Krepps, James T., PA
Limberg, F. A., PA
Lindley, Samuel H., MN
Lippincott, George C., NJ
Loder, Percival E., PA
Lord, Simon L., WI
Maloney, Richard M., TN
Mattoon, Edward A., NY
Mauger, Elam B., PA
McCarty, Rufus H., DC
McConaughy, Robert, PA
McConnell, John B., PA
McCrea, C. S.A., PA
McCready, Henry, OH
McCristle, John, PA
McCullough, Adam H., PA
McDonald, Charles D., GA
Mitchell, Taylor S., DE
Moffet, William, PA
Moore, William G., KY
Morrow, J. Wilson, PA
Musser, Harry E., PA
Mutchler, J. Pace, PA
Myers, Alfred, PA
Nast, Hugo, NJ
Neely, James W., PA
Neff, Joseph S., PA
Nicholls, B. Frank, SC
O'Connor, Harry R., PA

Overall, George W., TN
Painter, William P., PA
Parish, Asbury, NY
Parry, George W., OH
Pope, D. Strotler, SC
Pope, J. W., PA
Potter, Thompson E., MO
Prather, Richard C., Jr., KY
Pratt, D. Leonard, PA
Proctor, David Green, OH
Quigg, Robert M., PA
Randle, Charles C., MS
Reilly, Philip, PA
Robertson, James M., KY
Robinson, Joseph F., MO
Royer, Daniel F., PA
Seibert, John P., PA
Shimwell, Benjamin T., PA
Shriver, Colley, WV
Shultz, David L., PA
Sibbald, John, PA
Sill, Thomas M., PA
Simmons, T. J., IA
Smith, John K., PA
Smith, William L., PA
Smith, Joseph E., NY
Smith, Irving W., IA
Stanger, Samuel F., NJ
Stees, John I., PA
Stone, Frank M., PA
Street, William, KS
Taliaferro, Frank, VA
Taylor, J. Zack, MD
Thompson, Charles M., ENGLAND
Thompson, Josiah M., PA
Tibbins, Joseph E., PA
Waldron, George F., OH
Ward, Eugene A., MO
Warren, Parker H., IA
Waters, John W., NV
Way, George C., OH
White, Thomas L., PA
Willits, Isaiah W., PA
Wilson, T. D. Mutter, PA
Woods, George H., PA
Woodside, John S., INDIA
Wright, Edwin W., PA
Young, Robert W., PA
In this Centennial year of the United States, celebrated in Philadelphia, Dr. Samuel D. Gross served as President of the International Medical Congress, attended by a large number of distinguished American and foreign delegates. Especially for the Centennial, he wrote *The History of American Surgery from 1776 to 1876*. Also during the exhibition, the first public demonstration of the telephone was made by Alexander Graham Bell.

On June 2, 1876, a founding meeting of the Association of American Medical Colleges was held at Jefferson with representatives of 22 Medical Colleges. Dr. John B. Biddle, Jefferson’s Dean, was elected the first President.

In this class of 146 graduates, Morris Longstreth, who had already received an M.D. degree from the University of Pennsylvania in 1869, obtained a second M.D. degree from Jefferson in this year. This was a custom not uncommon in those times. In 1880/81 he gave the first laboratory course in Pathologic Anatomy and Pathologic Histology at Jefferson. In 1882 he published *Rheumatism, Gout and Some Allied Disorders*, one of the earliest pathologic treatises in rheumatology. When Pathology became a major department at Jefferson, he served as the first Professor and Department Head from 1891 to 1895 (Fig. 90).

Another outstanding member of this class was William Ward Van Valzah, a pioneer in gastroenterology (Fig. 91). From 1892 to 1902 he served as Professor of Diseases of the Digestive Organs in the New York Polyclinic College. In addition to many papers in his specialty, he was a co-author in Van Valzah and Nisbet’s *Diseases of the Stomach*, published in 1889.

Louis Bazet, a native of France, proceeded to San Francisco where he became prominent in the developing field of urology (Fig. 92). He wrote extensively, translated a French textbook, and became Professor of Surgery and Genito-urinary Surgery at the San Francisco Polyclinic.
Hamilton, John A., LA
Hammond, Robert A., GA
Heilman, Russell P., PA
Hill, Frank P., PA
Hindman, Charles C., PA
Hoffa, Jacob P., PA
Holland, Daniel J., IN
Horwitz, Theodore, PA
Hunter, Theophilus W., GA
Hunter, Randal R., MO
Hyer, Grainger, CA
Isett, Frederick S., PA
Jackson, Homer, PA
Jefferis, T. Norval, PA
Johnston, Robert W., NC
Johnston, W. A., IA
Kane, John J., KY
Keeton, Theodore A., MO
Kelly, M. A., ID
Kelsey, William L., CT

Kern, Palmer M., PA
Kerr, John W., PA
Kiddoo, S. R., PA
Kopetschny, Ottocar E., BOHEMIA
Kynett, L. J., IA
Linebaugh, Harry W., PA
Longenecker, William A., PA
Longenecker, David F., PA
Longstreth, Morris, PA
Lopez, Joseph H., PA
MacConnell, William G., SC
Madara, James W., PA
Madden, W. Scott, PA
Malech, Herman F., CA
Markel, Isaiah F., OH
Marshall, D. Samuel, PA
Marshall, George W., DE
Mattason, Myron J., IA
McDowell, Samuel B., PA
McFadden, William Jr., PA

Fig. 90. Morris Longstreth (JMC, 1876), first Chairman of Pathology (1891-95).

Fig. 91. William Ward Van Valzah (JMC, 1876), pioneer in gastroenterology and Professor of Diseases of the Digestive Organs in the New York Polyclinic College.
Fig. 92. Louis Bazet (JMC, 1876), early California urologist.