

1879

Fifty-Fifth Annual Announcement of the Jefferson Medical College of Philadelphia: The Session of 1879-80

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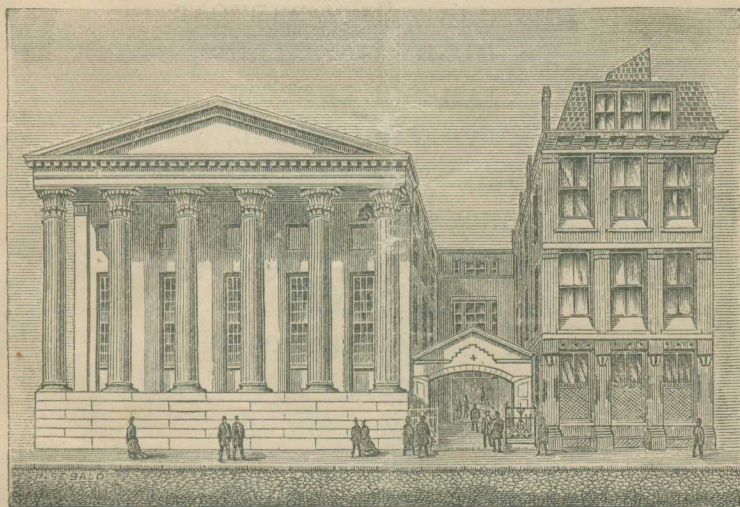
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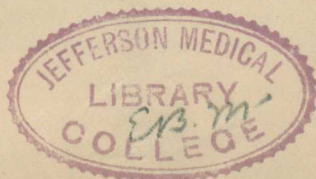
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FIFTY-FIFTH
ANNUAL ANNOUNCEMENT
OF THE
JEFFERSON MEDICAL COLLEGE
OF
PHILADELPHIA.



The Session of 1879-80
will begin on Wednesday, October 1st.

COLLINS, PRINTER.



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MORRIS LONGSTRETH, M.D.,
DEMONSTRATOR OF PATHOLOGICAL ANATOMY, AND CURATOR OF THE HOSPITAL
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WM. S. LEFFMAN, *Janitor*,
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GYNÆCOLOGISTS.

F. H. GETCHELL, M.D.,
J. EWING MEARS, M.D.

AURAL SURGEON.

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PATHOLOGIST.

MORRIS LONGSTRETH, M.D.

ANNOUNCEMENT.

IN issuing the ANNOUNCEMENT of the FIFTY-FIFTH COURSE OF LECTURES, the Faculty of the JEFFERSON MEDICAL COLLEGE congratulate its Alumni and friends upon the continued prosperity of the School.

The class of last session numbered 572, presenting the following representation:—

Pennsylvania.	California.	Iowa.
New Jersey.	Alabama.	Kansas.
Ohio.	Texas.	Oregon.
North Carolina.	Mississippi.	New Hampshire.
New York.	United States Navy.	Germany.
Virginia.	Central America.	Vermont.
Illinois.	Cuba.	Florida.
Massachusetts.	Brazil.	Colorado.
Indiana.	New Brunswick.	Louisiana.
Delaware.	Arkansas.	Chili.
Missouri.	Minnesota.	Prince Edward Island.
Maine.	South Carolina.	South America.
Maryland.	Connecticut.	France.
West Virginia.	United States Army.	West Indies.
Georgia.	Canada.	Japan.
Kentucky.	Tennessee.	India.

The Graduating Class of March, 1879, numbered 196; the whole number of graduates to date is 7265.

The Faculty have to regret the loss, by death, during the past Session, of their valued Colleague, Dr. John Barclay Biddle, who was, for many years, the distinguished Professor of Materia Medica and General Therapeutics.

The Board of Trustees have filled this Chair by the appointment of Dr. Roberts Bartholow, formerly Professor of Therapeutics and Materia Medica, and recently of Practice of Medicine, in the Ohio Medical College of Cincinnati; a gentleman extensively known as a Writer, and as an able and successful Teacher.

COLLEGE BUILDINGS.

The College Buildings are situated on Tenth Street, between Chestnut and Walnut, and comprise a MEDICAL HALL, new LABORATORY BUILDING, and the new HOSPITAL immediately adjacent. This central position gives to the School many advantages; among them, an extensive choice of homes for the Student—convenient to the College—and proximity to the various business houses, etc.,

with which the Student may have occasion to deal, as well as to the extensive Medical Library of the Pennsylvania Hospital, and other large libraries which abound with scientific and literary works of varied description.

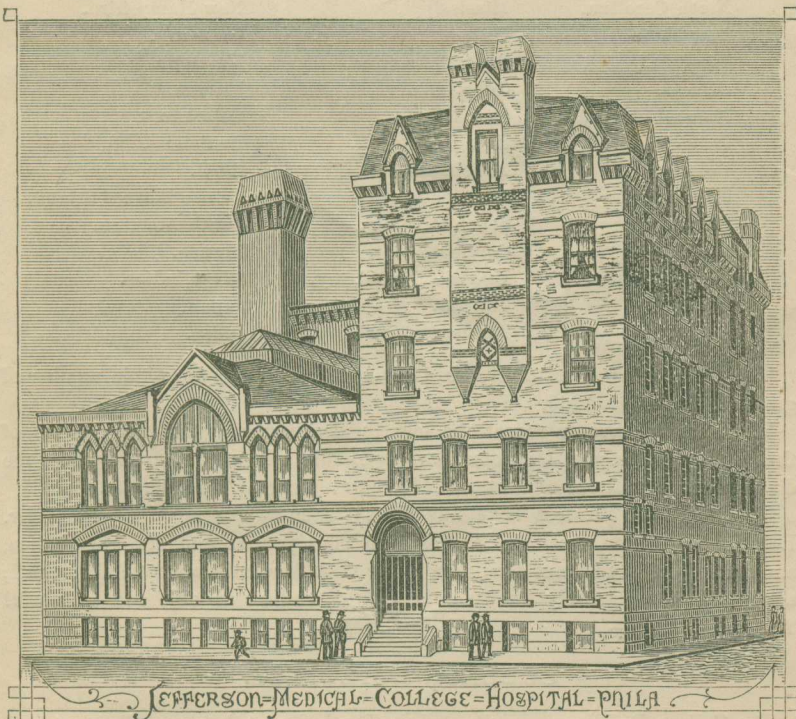
MEDICAL HALL.

The Medical Hall contains two commodious and well-constructed Lecture Rooms—spacious, well lighted and ventilated; large and comfortable Dissecting Rooms, and an extensive and valuable Anatomical, Surgical, and Pathological Museum.

LABORATORY BUILDING.

This new Building directly adjoins the Medical Hall, and is provided with a room for Operative and Minor Surgery, and with spacious Laboratories for PRACTICAL CHEMISTRY, MICROSCOPY, and PHYSIOLOGY; all thoroughly equipped for efficient work.

COLLEGE HOSPITAL.



THE NEW HOSPITAL OF THE JEFFERSON MEDICAL COLLEGE is situated immediately west of the College, fronting on Sansom Street, and is bounded on three sides by streets, and by a wide private passage-way on the fourth side. It is 107 feet square, five stories in height, and is designed for the easy accommoda-

tion of 125 patients. In connection with the hospital is the out-door or dispensary department, which furnishes much valuable material for clinical instruction. The amphitheatre, provided for Clinical Lectures, is probably the largest and most convenient in the United States, and will seat more than six hundred students. The most approved appliances for heating, ventilating, etc., have been provided, and, in architectural construction, and all desirable conveniences, this hospital will be found at least equal to any American clinical hospital. Daily Clinical Lectures are given at the hospital through the entire year by members of the Faculty and by the hospital staff.

CLINICAL INSTRUCTION.

The feature, which, of all others, has distinguished this School and contributed largely to its prosperity, and to which, of all the medical schools in the country, it was the first to give prominence, and to which, it has, with improving advantages, from year to year, steadily adhered, is *Systematic Clinical Instruction*. The union of this, with didactic teaching in the Lecture Rooms, is carried out, to the fullest possible extent, in the curriculum.

HOSPITALS, DISPENSARIES, ETC.

The JEFFERSON COLLEGE HOSPITAL, together with the COLLEGE DISPENSARIES (where an immense number and almost endless variety of cases are annually presented), furnishes patients for *daily* Clinics at the Hospital. The SURGICAL CLINIC is held on Wednesdays and Saturdays, for two hours on each of those days, by Professor GROSS, during the first half of the session, and by Professor JOSEPH PANCOAST and Professor W. H. PANCOAST, during the remaining period. The MEDICAL CLINIC, on Mondays and Thursdays, by Professors DA COSTA, MEIGS, and BARTHOLOW. The Clinic of Diseases of Women and Children, on Tuesdays, by Professor WALLACE. The Clinic of Diseases of the Eye, by Dr. THOMSON, on Fridays. During the year, about six thousand cases are treated at the College Hospital and Clinics, and at least one thousand surgical operations are performed.

BEDSIDE INSTRUCTION is furnished to advanced students. The practical use of the laryngoscope is taught to all candidates for graduation, in sections of convenient size, at the College Hospital, by Dr. J. SOLIS COHEN, and the use of the ophthalmoscope, by Dr. W. THOMSON.

PENNSYLVANIA HOSPITAL. This large hospital is in the immediate neighborhood of the Jefferson College, and clinical instruction and lectures are here given by an able corps of lecturers, including Professors DA COSTA and MEIGS, and Dr. R. J. LEVIS.

PHILADELPHIA HOSPITAL. This Hospital is probably second to no hospital in the world, in the number and variety of cases collected in its wards. Cases of smallpox and of other contagious diseases are treated at the Municipal Hospital, a separate institution. But, with this exception, all the Departments of an hospital, including a separate Lying-in Department, a Children's Hospital, and Syphilitic Wards, are here collected. Professor PANCOAST and Drs. MAURY, BRINTON, and S. W. GROSS are connected with the Staff of this Hospital.

WILLS OPHTHALMIC HOSPITAL. This old and extensive hospital, undoubtedly the most complete Ophthalmic Hospital in the United States, is within a short distance of the College, and daily Clinics are held there.

In all, Philadelphia has twenty hospitals, nine dispensaries, and thirty-eight other charitable institutions, with which infirmaries are connected. Almost every special branch of medicine and surgery has its distinct institution, as the Orthopædic Hospital and Hospital for Nervous Diseases, Hospital for Diseases of the Skin, Children's Hospital, etc. etc. etc.

The clinical instruction and admission to the wards in all the Hospitals of Philadelphia are FREE to the Matriculates of the Jefferson Medical College, except in the case of the Pennsylvania Hospital, which charges a small fee, which is appropriated to the support of the Library, and which entitles the student to its use.

PRACTICAL INSTRUCTION.

PRACTICAL ANATOMY. The rooms for the Practical Study of Anatomy are spacious, and provided with every convenience. They are open during the Winter Session, daily, from 8 A. M. to 10 P. M.; and during September, March, April, May, and to June 14th, daily, from 8 A. M. to 6 P. M.; during the evenings in the Winter Session, and during the afternoons in the Spring and Preliminary Sessions, the Demonstrator or his Assistants are in attendance to superintend and to aid the student in his study.

A full supply of material is furnished at the small charge of \$1 per part, and no extra or incidental charges are made.

The Demonstrator delivers two evening lectures every week during the Winter, Spring, and Fall Sessions.

The Dissecting Ticket (\$10) is good for the Academic year, that is, from 1st October to the end of the following September, or from the 1st March to the end of the following February.

PRACTICAL SURGERY. The operating room is open daily during the Winter, Spring, and Fall Sessions, under the direction of the Professor of Surgery, and the Demonstrator of Surgery. In this room, the Student is trained in the Application of Bandages, and other surgical dressings—the use of Instruments and Apparatus, and the performance of Operations upon the Subject. Bandages, Splints, and Instruments are furnished.

PRACTICAL CHEMISTRY.

The **WORKING LABORATORY**, for Practical Chemistry, under the supervision of the Professor of Chemistry, aided by the Demonstrator of Chemistry, is open twice a week during the Winter and Spring Courses. The Student is here taught to manipulate for himself in the preparation of Gases, Acids, Salts, etc., and to test, and trace reactions, to perform qualitative and quantitative analysis, to examine normal and abnormal products, and to become familiar with those instruments, such as the microscope, the galvanic battery, etc., which are useful in the hands of the Medical Practitioner.

PRACTICAL PHYSIOLOGY.

The Laboratory which pertains to the Chair of Physiology is under the immediate charge of the Demonstrator of Physiology. In this room the Student has the opportunity of witnessing the subject *experimentally taught*.

PRACTICAL MICROSCOPY.

The Microscopic Laboratory, under the direction of the Professor of Physiology, is conducted by Dr. J. Gibbons Hunt, Demonstrator of Histology. This Laboratory is amply provided with microscopes, and all other appliances requisite for thorough practical instruction.

AUTOPSIES AND PATHOLOGICAL ANATOMY.

During the winter term opportunities are afforded to the Students of being present, in sections, at Autopsies by Dr. Morris Longstreth, Demonstrator of Pathological Anatomy, and Pathologist to the Pennsylvania Hospital. Instruction is given in Pathological Anatomy and Pathological Histology, by Dr. Longstreth, during the Winter Term, in the Microscopic Laboratory. Abundant materials for this work are derived from the autopsies and surgical operations at the Pennsylvania and the Jefferson Medical College Hospitals, and the Classes in the Laboratory are supplied with specimens, to be examined microscopically, and explained to them by the Demonstrator.

Attendance on the courses of instruction in the working laboratories is optional with the Student. A special fee is charged for each.

WINTER SESSION.

The regular Winter Term is of five months' duration, extending from October 1st to March 1st. During this period, the seven essential, fundamental, branches of Medicine are taught by as many Professors, as follows:—

- A Professor of Surgery.
- “ Obstetrics and Diseases of Women and Children.
- “ Institutes of Medicine (or Physiology) and Medical Jurisprudence.
- “ Practice of Medicine and Clinical Medicine.
- “ General, Descriptive, and Surgical Anatomy.
- “ Medical Chemistry and Toxicology.
- “ Materia Medica and General Therapeutics.

In these didactic Lectures the rich cabinets of the school, and of the individual Professors, are availed of, and especial care is taken to treat the subjects with direct reference to practical results.

SPRING AND FALL LECTURES.

Supplementing the regular Winter Didactic and Clinical Lectures there are a Fall or Preliminary Session, and a Spring Session.

The *Fall* or *Preliminary Session* begins on the 8th of September, and continues until the opening of the Winter Term, and embraces special instruction on the following subjects:—

Physiology	By Professor MEIGS.
Pathological Anatomy	“ Dr. MORRIS LONGSTRETH.
Operative Surgery, with operations on the <i>dead subject</i>	“ Dr. JOHN H. BRINTON.
Diseases of the Urino-Genital Organs	“ Dr. S. W. GROSS.
Ophthalmology is treated both didactically and clinically	“ Dr. WILLIAM THOMSON.
Laryngoscopy, with Diseases of the Throat,	“ Dr. J. SOLIS COHEN.

The Lectures during this Course are given in the mornings, leaving the afternoons for dissection, thus lightening considerably the winter labors of the Student.

The *Spring Session* begins on the 4th Monday of March, and closes at the middle of June; making an almost unbroken period of nine months of lectures and study in the collegiate year. The Lectureships in this Course are constituted as follows:—

Clinical Surgery and Medicine	By the Hospital Staff.
Clinical Lectures at the Pennsylvania Hospital	“ Professor MEIGS.
Diseases of the Urino-Genital Organs	“ Dr. S. W. GROSS.
Operative Surgery	“ Dr. J. H. BRINTON.
Ophthalmic Surgery	“ Dr. WM. THOMSON.
Venereal and Cutaneous Diseases	“ Dr. F. F. MAURY.
Laryngoscopy and Diseases of the Throat	“ Dr. J. SOLIS COHEN.
Anatomy	“ Dr. WM. S. FORBES.
Physical Diagnosis, including Auscultation and Percussion	“ Dr. J. C. WILSON.
Pathological Anatomy	“ Dr. MORRIS LONGSTRETH.
Diseases of Children	“ Dr. W. B. ATKINSON.
Physiology and Comparative Anatomy	“ Dr. H. C. CHAPMAN.
Toxicology	“ Dr. H. LEFFMANN.
Urinary Pathology	“ Dr. JOS. S. NEFF.
Medical Electricity	“ Dr. HUGO ENGEL.

Attendance upon the Summer Course is allowed as office instruction, but does not count as a “Session” of Lectures.

There is no additional charge for the Spring Course of Lectures to Matriculates of the College, except a registration fee of \$5. Non-Matriculates pay the registration fee, and also \$35, *which latter sum is, however, credited on the amount of fees paid for the ensuing Winter Course.* And while attendance on the Fall or Spring Courses is not obligatory for graduation, the Faculty earnestly recommend the Student to avail himself of the advantages which are to be derived from these especial instructions.

EXPENSES.

First Session.

Matriculation	\$5
Full Course of Lectures	140
Dissection	10
	—\$155

Second Session.

Matriculation	\$0
Full Course of Lectures	140
Graduation Fee	30
	— 170
	—
	\$325

PRIZES OFFERED.

The following Prizes are offered to the graduates of the Jefferson Medical College, at the annual Commencement, March, 1880:—

1. A prize of \$100, by Henry C. Lea, Esq., for the best Thesis founded upon original experiments, clinical observation, or superior excellence in scholarship.
2. A prize of \$50 for the best Essay on a subject pertaining to Surgery.
3. A prize of \$50 for the best Essay on a subject pertaining to Physiology.
4. A prize of \$50 for the best Original Research in the Working Chemical Laboratory, or the best Essay on some Chemical Subject.
5. A prize of \$50 for the best Essay on a subject pertaining to the Theory and Practice of Medicine.
6. A Gold Medal, by the Demonstrator of Surgery, for excellence in bandaging.
7. A Gold Medal, by R. J. Levis, M.D., one of the Surgeons to the Pennsylvania Hospital, for the best report of his surgical clinic, by a student of the Jefferson Medical College.

No Prize will be conferred unless the papers or preparations submitted shall be considered to reach a certain standard of merit.

The Lectures of the Session of 1879-80 will begin on Wednesday, October 1st, 1879, and will continue until the 1st of March, 1880.

The Examinations for the degree of M.D. do not begin until *after the close of the Session*, but the Commencement for the conferring of Degrees is held early in March.

The personal expenses of the student are at least as low in Philadelphia as in any other large city. Students can board comfortably for from four to five dollars per week, fire and light included; and those who are willing to live at some distance from the COLLEGE, or to club together in lodging-rooms, at even less rates. Board during the summer is lower than in winter.

Students will save time and expense by going directly to the College, Tenth Street above Walnut, on their arrival in the city. The Janitor will at once see them provided with board. The Dean will, if desired, attend to the collection of the drafts and checks of the student, and the safe deposit of his money.

A list of all the Graduates to 1879, inclusive, will be sent to any Alumnus on the receipt of a return stamp; to others, on the receipt of twelve cents in stamps.

A list of the residences of the Alumni (as far as ascertained) is kept at the COLLEGE. Any information on this subject will be gratefully received. The Corresponding Secretary of the Alumni Association is Dr. RICHARD J. DUNGLISON, Box 2386, Philadelphia.

GRADUATES.

At a Public Commencement, held at the American Academy of Music on the 12th of March, 1879, the Degree of DOCTOR OF MEDICINE was conferred on the following gentlemen, by E. B. GARDETTE, M.D., President of the Institution, after which a Valedictory Address to the Graduates was delivered by Professor J. AITKEN MEIGS, M.D.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Armstrong, J. Stone	New York.	A Normal Heart Beat.
Bair, Thomas A.	Pennsylvania.	Clinical History of Typhoid Fever.
Bane, William C.	Pennsylvania.	Ovarian Cysts and their treatment by Ovariectomy.
Barnes, Samuel S. P.	Ohio.	The Portal Circulation.
Beall, William P.	North Carolina.	Diphtheria.
Beckley, Edwin L.	Maryland.	Bronchocele.
Beery, Charles C.	New York.	Cerebro-spinal Fever.
Beyer, William F.	Pennsylvania.	Diphtheria.
Biddle, Alexander W.	Pennsylvania.	The Trephine.
Blunden, Boyle N.	Pennsylvania.	Bromide Preparations.
Boenning, Henry C.	Pennsylvania.	The Localization of Spinal Lesions.
Bond, Munroe	New Hampshire.	Malic Acid and Erysipelas.
Bowcock, John W.	West Virginia.	Laryngeal and Nasal Diphtheria.
Brock, Rufus E.	West Virginia.	Leucocythæmia.
Brower, Charles F.	Virginia.	Intra-Capsular Fracture of the Femur.
Brown, Carlos M.	California.	Insanity; its Pathology and Symptoms.
Brown, Page	California.	Apoplexy.
Bryson, Lewis M.	Pennsylvania.	Typhoid Fever.
Buck, James P.	Pennsylvania.	Hæmaturia.
Burford, J. Edward	Texas.	Hæmorrhagic Malarial Fever.
Burgin, Herman	Pennsylvania.	Subjective Diagnosis.
Burroughs, Hamilton S.	Pennsylvania.	Hæmoptysis.
Cahall, William Cannon	Delaware.	Speech Impediments.
Campbell, Cassius M. C.	Pennsylvania.	Typhoid Fever.
Campbell, George W.	Pennsylvania.	Etiology of Hæmorrhoids.
Carr, A. Smith	West Virginia.	Morbili.
Cates, Charles H.	Maine.	Blood Alterations of Pregnancy.
Cauthorn, Franklin	Oregon.	Digestion and Absorption.
Chapman, Norman H.	Illinois.	Surgical Shock.
Clayton, George R.	Texas.	Angina Pectoris.
Cline, Lewis C.	Indiana.	Intermittent Fever.
Cox, Thomas B.	Pennsylvania.	Jaborandi.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Crawford, George W.	Pennsylvania.	Hysteria.
Crawford, Gustavus R. J.	Canada.	Paraplegia.
Criswell, John F.	Indiana.	Acute Articular Rheumatism.
Crump, William L.	North Carolina.	Anatomy and Physiology of the Pneumogastric Nerve.
Davis, Henry H.	New Jersey.	Erythroxyton Coca.
Davis, Lewis G.	Pennsylvania.	Typhoid Fever.
Deemer, John T.	Pennsylvania.	Diphtheria.
DeWolfe, Willard L.	Pennsylvania.	Physiology of the Blood.
Diehl, Oliver	Pennsylvania.	The Spinal Cord as an Independent Centre.
Dillard, Richard, Jr.	North Carolina.	Water.
Duggan, James R.	Georgia.	Water.
Ellenberger, J. Wesley	Pennsylvania.	Acute Articular Rheumatism.
Enos, Thos. A.	Delaware.	Origin, Distribution, and Functions of the Pneumogastric Nerve.
Entler, George F.	New York.	Deceptive and Destructive Errors of Modern Pharmacy.
Espy, John S.	Pennsylvania.	Malaria; its nature and effects.
Feltwell, John	Pennsylvania.	Precautions for the Practitioner.
Flick, Lawrence F.	Pennsylvania.	Hygiene.
Forbes, Wm. H.	Indiana.	Quinia.
Forster, Charles V.	Pennsylvania.	Cerebro-spinal Fever.
Fowler, Warren H.	New York.	Aneurism.
Fravel, Edward H.	Virginia.	Spermatorrhœa.
Frick, Cyrus S.	Pennsylvania.	Scarlatina.
Friebis, George	Pennsylvania.	Therapeutic Stimulation.
Fritz, Horace M.	Pennsylvania.	Inflammation.
Gandy, Charles M.	New Jersey.	Transfusal Sanguinis.
Gardiner, Charles	Connecticut.	Puerperal Eclampsia.
Grady, William A.	Minnesota.	The Importance of Correct Diagnosis.
Guerrero, Alfonso L.	Centr. America.	Anæmia.
Guzman, Virgilio	Centr. America.	Yellow Fever.
Hacker, Isaac B.	Pennsylvania.	Diphtheria.
Hale, John G.	Arkansas.	Malaria.
Haley, George P.	New Jersey.	The Blood in Health.
Hampton, John T.	Pennsylvania.	Remittent Fever.
Hankey, Wilbur H. J.	Pennsylvania.	Symptomatology.
Hansell, Howard F.	Pennsylvania.	Fibroid Tumors of the Uterus.
Hassenplug, Galen K.	Pennsylvania.	The Fourth Ventricle and its Relations to some of the Cranial Nerves.
Hays, Peter W.	Pennsylvania.	Apoplexy.
Hazlett, Isaac W.	Ohio.	The Anatomy and Pathology of the Lymphatic System.
Heddens, James W.	Missouri.	Stricture of the Urethra.
Heintsh, George W.	Pennsylvania.	Cardiac Neuralgia.
Herbein, Milton H.	Pennsylvania.	Typhoid Fever.
Herr, Francis C.	Pennsylvania.	Cerebral Anæmia.
Herron, Charles R.	Florida.	Is Yellow Fever Indigenous to the United States or an Exotic.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Hewson, Addinell, Jr.	Pennsylvania.	The Anatomy, Pathology, and Symptomatology of Stricture of the Urethra in the Male.
Hice, Edward C.	Pennsylvania.	Cinchona and its Alkaloids.
Hickman, James W.	Pennsylvania.	Embryology.
Holman, James A.	Pennsylvania.	Fractures.
Holmes, Wm. E.	Kentucky.	Gonorrhœa in the Male.
Hopkins, Abram C.	North Carolina.	Intermittent Fever.
Hopper, Harry C.	Illinois.	Somnambulism.
Horn, Harry Y.	Pennsylvania.	Dysentery.
Hough, Thomas A.	Pennsylvania.	Epilepsy.
Howard, Randolph N.	Indiana.	Acute Rheumatism.
Howell, Richard L.	Pennsylvania.	Actual Cauctery.
Hoy, William S.	West Virginia.	Yellow Fever.
Hoyt, Theodore E.	Pennsylvania.	Epidemic Catarrh.
Hudders, John S.	Pennsylvania.	Disease.
Ibach, Frederick G.	Pennsylvania.	Means of Lessening the Sufferings of Parturition.
Irwin, William B.	Pennsylvania.	Influence of the Mind on the Body in Health and Disease.
Jacob, Harry	Pennsylvania.	Apoplexy.
Jamison, William A.	Pennsylvania.	Diphtheria.
Jayne, Calvin K.	Pennsylvania.	Dysmenorrhœa.
Jessop, Samuel A. S.	Pennsylvania.	Erysipelas.
Johnson, Samuel C.	Pennsylvania.	Scarlatina.
Johnston, John P.	Pennsylvania.	Anæsthetics.
Kilborn, Harvey B.	Pennsylvania.	Cerebro-spinal Fever.
Kilburn, Frank	New Brunswick.	Diphtheria.
King, George P.	Pennsylvania.	Gelsemium Semper-virens.
Kirkpatrick, M. Baldwin	Illinois.	Hygiene.
Kistler, James K.	Pennsylvania.	Dysentery.
Kneedler, William L.	Pennsylvania.	Disease Germs.
Knox, Samuel D.	Ohio.	Care of the Infant.
Koons, Philip R.	Pennsylvania.	Nasal Catarrh: Acute and Chronic.
Kram, George W.	Pennsylvania.	Iron and its Compounds.
Larimer, William T.	Pennsylvania.	Temperature and Treatment of Typhoid Fever.
Lawrance, Edward Stuart	Pennsylvania.	Delirium Tremens.
Lee, Bernard R.	Pennsylvania.	Ununited Fractures.
Lichliter, David C.	Virginia.	Natural Phenomena of the Puerperal Condition.
MacCord, George Thornton	Pennsylvania.	The Educated Nurse.
MacDonald, John	Prince Edw. I.	Typhoid Fever.
Martin, Aaron	Pennsylvania.	Conditions to be observed before and after Eating.
Middleton, William J.	Pennsylvania.	Acute Articular Rheumatism.
Mitchell, Edmund H.	Pennsylvania.	Intermittent Fever.
Montgomery, James E.	Pennsylvania.	Acute Pleurisy.
Murray, Thomas J.	Tennessee.	Malarial Cachexia.
Musgrove, Charles W.	Pennsylvania.	Medical Diagnosis.
McAninch, David L.	Pennsylvania.	Outline of the Nervous System.

NAME.	STATE OR COUNTRY	SUBJECT OF THESIS.
McCallister, Charles H.	Indiana.	Carbonic Acid.
McClellan, R. Miller	Pennsylvania.	Head-last Labors.
McClure, Frank E.	Vermont.	Typhoid Fever.
McComb, Samuel F.	Pennsylvania.	Diagnosis.
McEwen, Charles M.	Pennsylvania.	Sporadic Dysentery.
McGehee, Daniel M.	Mississippi.	Typhoid Fever.
McGogney, Samuel	Pennsylvania.	Circulation of the Blood.
McMullen, John C.	Pennsylvania.	Inflammation.
McNichol, Edgar	Massachusetts.	Typhoid Fever.
Neiman, Howard Y.	Pennsylvania.	Typhoid Fever.
Nes, Henry	Pennsylvania.	Diseases of the Rectum.
Nicodemus, John D.	Maryland.	Preventive Medicine.
Nonamaker, Noah S.	Pennsylvania.	Typhoid Fever.
Orr, Samuel M.	South Carolina.	Scarlatina.
Otway, David B.	West Indies.	Pneumonia.
Page, Dudley L.	Massachusetts.	Heredity.
Paine, William A.	Pennsylvania.	Intermittent Fever.
Peairs, Elisha P.	Pennsylvania.	Diphtheria.
Pershing, Frank S.	Pennsylvania.	Typhoid Fever.
Pierce, George L.	California.	Theory and Practice of Medicine.
Pigman, Samuel C.	Pennsylvania.	Fractures.
Poffenberger, Albert T.	Pennsylvania.	Sewerage, Drainage, and Ventilation.
Potsdamer, Joseph B.	Pennsylvania.	The Diagnosis of Valvular Diseases of the Heart.
Pownall, Howard W.	Pennsylvania.	Acute Articular Rheumatism.
Price, Allen D.	Pennsylvania.	Carcinoma Uteri.
Price, Joseph H.	Pennsylvania.	Scarlet Fever.
Pricer, William E.	Ohio.	Cucurbita Pepo as an Anthelmintic.
Pringle, William W.	Ohio.	Phthisis Pulmonalis.
Rambo, Samuel M.	Pennsylvania.	Management of the Sick Room.
Reynolds, John M. C.	Pennsylvania.	Hygienic Care and Moral Training of Infants and Children.
Rhoads, George H.	Pennsylvania.	Physiology of the Sympathetic.
Righter, William H.	Delaware.	Calcium Chloride.
Rinehart, Willard E.	Oregon.	Diphtheria.
Rodman, William L.	Kentucky.	Lobar Pneumonia.
Rose, Archimedes	U. S. Army.	Head-last Labors.
Scates, Dan W.	Tennessee.	What Chemistry has done for the World.
Schaeffer, Uriah R.	Pennsylvania.	Influence of Imagination upon the Body in Health and Disease.
Schellinger, Clarence M.	New Jersey.	Disinfection.
Scroggs, Gustavus A.	Ohio.	Gastritis.
Seaman, Dean	New York.	The Anatomy and Distribution of the Fifth Pair of Nerves.
Seibert, George W.	Pennsylvania.	Malarial Fever.
Sheardown, T. Winton	Minnesota.	Chancre.
Shirk, John K.	Pennsylvania.	The Etiology of Uterine Affections.
Shriner, Charles H.	Pennsylvania.	Treatment of Rheumatism in Malarial Districts.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Smith, Charles S.	Ohio.	Rudimentary Strictures.
Smith, Harris K.	Pennsylvania.	Typhoid Fever versus Typhus.
Spragg, Sylvanus L. S.	Pennsylvania.	Alcohol.
Sprows, Isaac Newton	Pennsylvania.	Mental Therapeutics.
Stapp, James T.	Alabama.	Yellow Fever.
Stewart, David D.	Pennsylvania.	Influence of Parents in producing Syphilitic Offspring.
Stewart, Francis Edward	New York.	A New Method of Rectal Medication.
Stroecker, James T.	Pennsylvania.	Therapeutics of Children.
Tharp, William S.	Missouri.	Intermittent Fever.
Throop, George S.	Pennsylvania.	Nervous Shock.
Tice, Frederic L. C.	Maryland.	Baths.
Tomlinson, Thomas C.	Delaware.	Water.
Torbert, Enos G.	Pennsylvania.	Physiology of Eclampsia.
Torrence, D. Rogers	Pennsylvania.	Sunstroke.
Vega, Francisco	Centr. America.	Cerebro-spinal Fever.
Wallace, Ellerslie, Jr.	Pennsylvania.	Milk.
Wallen, Seely	New Jersey.	Staphyloraphy.
Ward, George Mason	Pennsylvania.	Saponification and its results.
Waters, John	Arkansas.	A Healthy Child.
Way, Eugene	New Jersey.	The Hygienic Treatment of Disease.
Weiser, George B., Jr.	Pennsylvania.	Thermometry.
Weiss, Louis	Colorado.	Dialysed Iron with special reference to its use in Arsenical Poisoning.
Whitaker, James S.	Maryland.	Diphtheria.
Whitney, Edward M.	Massachusetts.	Eucalyptus Globulus.
Wiley, S. Nelson	Pennsylvania.	Prolapsus Uteri.
Wilson, H. Augustus	Pennsylvania.	The Mechanism of Muscular Action causing Transverse Fracture of the Patella.
Winslow, Byron	Pennsylvania.	Physiology of Vision.
Witting, Anthony P.	Kentucky.	A Clinical Case.
Woodruff, George	New Hampshire.	Croup.
Worsley, Edward A.	Virginia.	The Thermometer.
Wright, J. Edward	Pennsylvania.	Lead; its Chemistry and Therapeutics.
Yard, John L.	Pennsylvania.	Leucocythæmia.
Zeiner, Levi S.	Pennsylvania.	Position and Mobility of the Unimpregnated Uterus.

Of the above there were from—

Pennsylvania... 109	West Virginia..... 4	New Hampshire... 2	Georgia 1
Ohio 7	Massachusetts..... 3	Tennessee 2	Maine 1
New Jersey 6	California 3	Minnesota..... 2	Connecticut..... 1
New York 6	Kentucky 3	Texas..... 2	Florida..... 1
Indiana..... 5	Illinois 3	Vermont 1	U. S. Army..... 1
Delaware 4	Central America.. 3	Mississippi..... 1	Prince Edward I.. 1
Maryland..... 4	Oregon 2	South Carolina ... 1	Canada..... 1
Virginia 4	Missouri..... 2	Alabama..... 1	West Indies..... 1
North Carolina.. 4	Arkansas..... 2	Colorado 1	New Brunswick.... 1

Total 196

The following prizes were awarded :—

1. A prize of \$100, by Henry C. Lea, Esq., for the best Thesis, to Henry C. Boenning, of Pennsylvania; with honorable mention of the Theses of Frank E. Stewart, of New York; William L. Kneedler, of Pennsylvania; Carlos M. Brown, of California; Monroe Bond, of New Hampshire; and William S. Hoy, of West Virginia.

2. A prize of \$50, for the best Essay on a subject pertaining to Surgery, to Bernard R. Lee, of Pennsylvania; with honorable mention of the Theses of Norman H. Chapman, of Illinois; and Henry Nes, of Pennsylvania.

3. A prize of \$50, for the best Anatomical Preparation, to William L. Kneedler, of Pennsylvania.

4. A prize of \$50, for the best Essay on a subject pertaining to Obstetrics, etc., to David C. Lichliter, of Virginia; with honorable mention of the Thesis of Howard F. Hansell, of Pennsylvania.

5. A prize of \$50, for the best Essay on a subject pertaining to Materia Medica and Therapeutics, to Louis Weiss, of Colorado; with honorable mention of the Thesis of Albert T. Poffenberger, of Pennsylvania.

6. A prize of \$50, for the best Essay on a subject pertaining to Physiology, to William C. Cahall, of Delaware.

7. A prize of \$50, for the best Essay on a subject pertaining to the Theory and Practice of Medicine, to John L. Yard, of Pennsylvania; with honorable mention of the Thesis of William L. Rodman, of Kentucky.

8. A prize of \$50, for the best Essay on a subject pertaining to Chemistry, to George W. Kram, of Pennsylvania; with honorable mention of the Thesis of Jas. R. Duggan, of Georgia.

9. A prize of a Gold Medal, by the Demonstrator of Surgery, for excellence in Bandaging, to Lawrence F. Flick, of Pennsylvania; with honorable mention of G. A. Scroggs, of Ohio.

10. A prize of a Gold Medal, by R. J. Levis, M. D., for the best Report of his Surgical Clinic, at the Pennsylvania Hospital, to Charles M. Gandy, of New Jersey; with honorable mention of Norman H. Chapman, of Illinois; Addinell Hewson, Jr., Bernard R. Lee, and William H. Righter, of Pennsylvania.

REGULATIONS AND REQUIREMENTS FOR GRADUATION.

I. The candidate for the Degree of M.D. must be of good moral character, and at least twenty-one years of age. He must have attended at least two full Winter sessions of lectures, one of which, the last, shall have been in this COLLEGE; and must exhibit his tickets, or other adequate evidence of attendance, to the Dean of the Faculty.

He must have studied medicine for not less than three years, and have attended at least one course of Practical Anatomy and of Clinical Instruction. He must present to the Dean of the Faculty a Thesis of his own composition, correctly written and in his own handwriting, on some medical subject; and exhibit to the Faculty, at his examination, satisfactory evidence of his professional attainments.

II. Students who have attended one complete course in a respectable Medical School, where attendance on two complete courses is necessary to a degree, and where the same branches are taught as in this, are permitted to become candidates by an attendance here on one full course; the rules of graduation being

in other respects observed. They are also exempted from the payment of fees upon attending a second term.

Students of Dental Colleges, where a five months' winter session is held, and where full courses are given on Anatomy, Materia Medica, Physiology, and Chemistry, may become candidates, after attendance on two courses at such Colleges, and one full course at the Jefferson Medical College, with two courses on Surgery, Practice of Medicine, and Obstetrics.

Students of Colleges of Pharmacy, where full courses are given on Materia Medica and Chemistry, may become candidates, after attendance on two courses at such Colleges, and one full course at the Jefferson Medical College, with two courses on Anatomy, Surgery, Practice of Medicine, Physiology, and Obstetrics.

III. Students who have attended two full courses on Anatomy, Chemistry, Materia Medica, or Institutes, may be examined on any of these branches, at the end of their second course. They are thus enabled to devote their last (3d) course to the didactic lectures on the remaining branches, and to clinical study. The Faculty record with satisfaction the large and increasing number of students who now avail themselves of these examinations, and who attend *three* courses of lectures before presenting themselves as candidates for graduation. The attendance upon the Summer Course of lectures has also greatly increased in numbers; and the Faculty earnestly recommend all who have it in their power to use these improved facilities for a complete medical education.

No *honorary* degrees in medicine are granted.

IV. The degree will not be conferred upon any candidate who absents himself from the public Commencement, without the special permission of the Faculty.

FEE to each Professor, \$20—in all \$140. Matriculation Fee, \$5, to be paid once only. Graduation Fee, \$30. Students who have paid for two full courses are entitled thereafter to attend free of all charge.

V. Students, who have attended two full courses of lectures in other accredited medical colleges, are entitled to the tickets of a full course in the Jefferson Medical College for \$70. Graduates of three years' standing, of other accredited medical colleges, are required to pay the matriculation fee only: to graduates of less than three years' standing, the fee for a general ticket is \$50. To graduates of accredited Dental Colleges and Colleges of Pharmacy, the fee for a general ticket is \$100.

BOOKS OF REFERENCE.

I. INSTITUTES AND PRACTICE OF SURGERY.—Gross's System of Surgery.

II. OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.—Playfair's Midwifery; Bennett on the Uterus; Barnes on Diseases of Women; Tanner on the Diseases of Infancy.

III. MATERIA MEDICA AND GENERAL THERAPEUTICS.—Biddle's Materia Medica; Bartholow's Materia Medica and Therapeutics.

IV. INSTITUTES OF MEDICINE.—Carpenter's Human Physiology; Dalton's Human Physiology; Dunglison's Medical Dictionary.

V. PRACTICE OF MEDICINE.—Da Costa on Diagnosis; Dickson's Studies in Pathology and Therapeutics; Flint's Practice of Medicine.

VI. GENERAL, DESCRIPTIVE, AND SURGICAL ANATOMY.—Pancoast's edition of Wistar's Anatomy; Gray's Anatomy; Pancoast's edition of Quain's Anatomical Plates.

VII. CHEMISTRY.—Fownes', Wilson's, Bloxam's, or Attfield's Chemistry; Lehmann's Physiological Chemistry, by Rogers; Taylor's Toxicology.

The Dean's office is at the College, where all business connected with the College is transacted.

Letters on business of exclusive interest to the writer must inclose a return stamp to secure attention.

ARTICLES OF CONFEDERATION OF THE ASSOCIATION OF AMERICAN MEDICAL COLLEGES.

ARTICLE I. OF THE FACULTY.

The medical members of the Faculty must be *regular* graduates or licentiates and practitioners of medicine, in good standing, using the word "regular" in the sense commonly understood in the medical profession.

ARTICLE II. OF TUITION.

SECTION 1. The scheme of tuition shall provide for a yearly systematic course of instruction covering the general topics of Anatomy, including dissections, Physiology, Chemistry, Materia Medica and Therapeutics, Obstetrics, Surgery, Pathology and Practice of Medicine. The collegiate session, wherein this course is given, shall be understood as the "regular" session.

SECTION 2. Said Regular Session shall not be less than twenty weeks in duration. This section to go in force at and after the session of 1879-80.

SECTION 3. Not more than one regular session, counting the regular session as one of the two courses of instruction required for graduation, shall be held in the same year.

ARTICLE III. REQUIREMENTS FOR GRADUATION.

No person, whether a graduate in medicine or not, shall be given a diploma of "Doctor of Medicine," who shall not have fulfilled the following requirements, *except* as hereinafter provided for in Article IV. :—

1. He must produce satisfactory evidence of good moral character, and of having attained the age of twenty-one years.

2. He must file a satisfactory certificate of having studied medicine for at least three years under a *regular* graduate, or licentiate and practitioner of medicine, in good standing, using the word "regular" in the sense commonly understood in the medical profession. No candidate shall be eligible for final examination for graduation, unless his term of three years' study shall have been completed, or shall expire at a date not later than three months after the close of the final examinations; this clause to take effect at and after the session of 1879-80.

3. He must file the proper official evidence that, during the above-mentioned three years he has matriculated at some affiliated college or colleges, for two regular sessions, and in the course of the same (except as provided in 4) has

attended two full courses of instruction on the seven topics mentioned in Article II. But the *latter*, at least, of the two full courses must have been attended at the college issuing the diploma. No two consecutive courses of instruction shall be held as satisfying the above requirements unless the time between the beginning of the first course and the end of the second is greater than fifteen months.

4. In case a college shall adopt a systematic graduated scheme of tuition, attendance on the whole of the same shall be equivalent to the requirements mentioned in 3, *provided* such scheme includes instruction in the seven topics mentioned in Article II., and requires attendance at, at least, two yearly regular Collegiate Sessions of not less than twenty weeks' duration each.

5. The candidate must have passed a personal examination before the Faculty on all seven of the branches of medicine mentioned in Article II.

6. He must have paid in full all College dues, including the graduation fee.

ARTICLE IV. OF HONORARY DEGREES.

An honorary degree of "Doctor in Medicine" may be granted in numbers not exceeding one yearly, to distinguished physicians or scientific men of over forty years of age. But in such case the diploma shall bear across its face the word "Honorary," in conspicuous characters, and the same word shall always be appended to the name of the recipient in all lists of graduates.

ARTICLE V. OF FEES.

SECTION 1. All fees shall be paid in lawful money, and no promissory notes or promises to pay shall be accepted in lieu of cash for payment of fees.

SECTION 2. No ticket, or other certificate of attendance upon college exercises, shall be issued to any student until the dues for the same shall have been fully paid.

SECTION 3. The established fees for the exercises of the regular session, except the matriculation fee, graduation fee, fee for dissections, may be reduced not more than one-half to graduates of other affiliated colleges of less than three years' standing, and to undergraduates of the same who have already attended two full courses of the instruction of the regular session.

SECTION 4. The same fees may be remitted altogether to a college's own alumni, to graduates of other affiliated colleges of three years' standing—the three years dating from the time of graduation, and ending at the close of the regular session for which the tickets are given—to undergraduates who have already attended two full courses of the instruction of the regular session, the latter of which, at least, shall have been in the college making the remission, and to theological students, when not candidates for a diploma.

SECTION 5. The same fees may be reduced or remitted to deserving indigent students, to a number not exceeding five per cent. of the number of matriculates at the previous regular session of the college.

SECTION 6. Under no circumstances whatever, other than the above, shall the Faculties, or any members of the same, grant, *upon their own authority*, any remissions or reductions of established fees. And it is distinctly understood and agreed that the Faculties will discountenance and oppose the authorizing by governing Boards of the admission of individual students upon other than the regularly established charges for their grade.

SECTION 7. Remission or reduction of fees for other exercises than those of the regular session, return to a student of any moneys after payment of fees, or an appropriation of funds of the college for payment of any student's fees, or part thereof, shall be deemed violation of the provisions of this article in regard to remission or reduction of fees.

ARTICLE VI. OF RECOGNITION OF OTHER COLLEGES.

No college shall admit to the privileges accorded in Articles III. and V. the students or graduates of any college which, during any period of the student's or graduate's pupilage, shall have been excluded from the list of affiliated colleges recognized by the Association.

ALUMNI ASSOCIATION OF THE JEFFERSON MEDICAL COLLEGE OF PHILADELPHIA.

The objects of this Association are the promotion of the prosperity of the Jefferson Medical College, the offering of prizes, the publishing of meritorious theses, the endowment of scholarships for the free medical education at the College of the sons of Alumni whose means are limited, the collection of anatomical and pathological specimens for the College museum, the maintenance and cultivation of good feeling among the Alumni, and, above all, the advancement of the interests of medical education, and the diffusion of sound medical knowledge.

The members of the Association are the graduates and professors of the Jefferson Medical College. The trustees of the College, and its graduates, as well as the alumni of other recognized institutions, are eligible to honorary membership. The annual contribution is *one dollar*, and when first paid, constitutes the entrance fee to the Association. Any member who has paid his annual subscription for five years, or who has paid the sum of *five dollars*, becomes a life member, and receives a certificate, or diploma, of life membership, and is exempt from all further dues. *The latter is the preferable plan of payment.*

Every graduate of the school, in good standing in the profession, is cordially invited to join the Association, and thus contribute to the advancement of its important interests. The subscription for this purpose should be forwarded at the time of application for membership, by postal order or registered letter.

At the last annual meeting, held March 11, 1879, the following officers were elected for the ensuing year:—

PRESIDENT	S. D. GROSS, M.D., LL.D., D.C.L. OXON.
VICE-PRESIDENTS	{ ELLWOOD WILSON, M.D.,
	{ ADDINELL HEWSON, M.D.,
	{ P. S. CONNER, M.D.,
	{ EDWARD T. CASWELL, M.D.
TREASURER	NATHAN HATFIELD, M.D.
RECORDING SECRETARY	THOMAS H. ANDREWS, M.D.
CORRESPONDING SECRETARY	RICHARD J. DUNGLISON, M.D.

Special bequests or donations for the purposes of the Association will be acknowledged in the next succeeding Announcement of the College: all anatomi-

cal and pathological specimens to be forwarded in alcohol of reduced strength—say one-fifth to one-half the strength of ordinary commercial alcohol; when received, they will be labelled with the name of the donor.

Copies of Catalogues and Announcements of the College for the following years are needed, to complete the sets now in possession of the Association, and will be thankfully received:—

Catalogues—all prior to 1828-9; 1829-30; 1831-2; 1832-3; 1838-9.

Announcements—all prior to 1833; 1839; 1850; 1854.

Graduates are requested to forward to the Corresponding Secretary their present addresses, also the names and addresses of such of the Alumni of the College in good standing as may be known to them, and to report also the names of such Alumni as have died.

* * Members of the Association, who have already paid annual subscriptions, are respectfully reminded that the amount is due for every consecutive year from date of membership, and that it is desirable that they shall, at their earliest convenience, by completing the full amount specified for such purpose, become enrolled in the list of life members of the Association.

All communications should be addressed to

RICHARD J. DUNGLISON, M.D., *Corresponding Secretary*,
P. O. Box 2386, Philadelphia, Pa.