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FIFTY-SIXTH

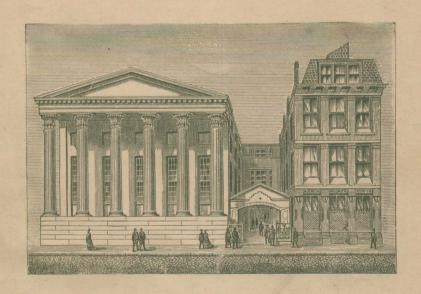
ANNUAL ANNOUNCEMENT

OF THE

JEFFERSON MEDICAL COLLEGE

OF

PHILADELPHIA.



The Session of 1880-81 will begin on Monday, October 4th.

COLLINS, PRINTER.



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COLLINS, PRINTER.

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G. MASON WARD, M.D., DEMONSTRATOR OF CHEMISTRY.

MORRIS LONGSTRETH, M.D.,
DEMONSTRATOR OF PATHOLOGICAL ANATOMY, AND CURATOR OF THE MUSEUM.

WM. S. LEFFMAN, Janitor, at the College, Tenth Street, between Chestnut and Walnut.

HOSPITAL STAFF.

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J. EWING MEARS, M.D.

AURAL SURGEON.
L. TURNBULL, M.D.

PATHOLOGIST.
MORRIS LONGSTRETH, M.D.

ANNOUNCEMENT.

IN issuing the Announcement of the Fifty-Sixth 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. Iowa. Oregon. New Jersey. Kentucky. Indian Territory. Ohio. Cuba. New Hampshire. Indiana. Brazil. Michigan. Tennessee. Nebraska. Virginia. West Virginia. Alabama. Nicaragua. Illinois. Arkansas. West Indies. Delaware. New Brunswick. Japan. Kansas. Central America. Nova Scotia. Massachusetts. Wisconsin. Porto Rico. New York. Minnesota. Ireland. Georgia. California. France. North Carolina. Maryland. Burmah. Missouri. Mississippi. Isle of Man. Maine. Canada. England. Connecticut. Rhode Island. Syria. Texas.

The Graduating Class of March, 1880, numbered 196; the whole number of graduates to date is 7461.

The Faculty lament the loss, by death, during the past Session, of their honored Colleague, Dr. Jas. Aitken Meigs, who was, for many years, the Professor of the Institutes of Medicine and Medical Jurisprudence.

The Board of Trustees have filled this Chair by the appointment of Dr. Henry C. Chapman, of Philadelphia, who, by his devotion to this branch, both in the direction of investigation and instruction, had already won such a reputation as to lead the Faculty to invite him to complete the unfinished course of Professor Meigs.

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, in which a number of additional seats have been provided; large and comfortable Dissecting Rooms, and an extensive and valuable Anatomical, Surgical, and Pathological Museum, to which important additions have recently been made.

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, Physiology, and Materia Medica and Pharmacy; 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 accommodation of 125 patients. In connection with the hospital is the out-door or dispensary department of the College, which furnishes much valuable material for clinical instruction. The amphitheatre, provided for Clinical Lectures, is probably one of 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 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 and the Dispensaries (where an immense number and almost endless variety of cases are annually presented), furnish 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 W. H. Pancoast, during the remaining period. The Medical Clinic, on Mondays and Thursdays, by Professors Da Costa and Bartholow. The Clinic of Diseases of Women and Children, on Tuesdays, by Professor Wallace, assisted by Drs. Getchell and Mears. The Clinic of Diseases of the Eye, by Professor 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.

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 Prof. 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 Professor Da Costa, Dr. R. J. Levis, and Dr. Morris Longstreth.

PHILADELPHIA HOSPITAL. This extensive Hospital presents a large number and great variety of cases for clinical instruction. Cases of smallpox and of other contagious diseases are treated at the Municipal Hospital, a separate and distant institution. Professor Pancoast and Drs. Brinton and S. W. Gross are connected with the Staff of this Hospital.

WILLS OPHTHALMIC HOSPITAL. This old and extensive hospital 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.

PRACTICAL INSTRUCTION.

The Professor of Practice will, during his clinical term, devote an hour weekly to a *Clinical Conference*. During this, the advanced student will have a case assigned him, which he will be required, with the aid of the Chief Clinical Assistant, to examine beforehand, and which, then, with remarks on the diagnosis, prognosis, and treatment, he will present to the class. Some facilities will also be afforded for Practical Instruction in Physical Diagnosis.

PRACTICAL CHEMISTRY.

The Working Laboratory for Practical Chemistry, under the supervision of the Professor of Chemistry, aided by the Demonstrator, is open twice a week during the Winter and Spring Sessions.

The instructions here given will be in harmony with the Chemical Lectures of the Winter Session, and will be conducted in such a manner as to secure to the student a practical familiarity with the apparatus, materials, processes, and reactions which are the subjects of his professional study, and which are to be availed of in his subsequent practice.

The courses will be arranged under three heads, according to the preparation of the pupil, and his own especial wants and choice.

- I. Manipulation, in which each student will himself prepare the apparatus, perform the various experiments, and trace the reactions, as shown and explained in the regular Winter Lectures of the Professor of Chemistry.
- II. QUALITATIVE and QUANTITATIVE ANALYSIS, so far as relates to the wants of the Medical Practitioner. This will include an extensive range of testing for the discrimination between the various hurtful substances that may call for antidotes, and those which are harmless; and will embrace Toxicology, or the practical separation and detection of poisons in Organic Mixtures and Tissues.

The student will also in this course be conducted *practically* through the manufacture of all the prominent Acids and Salts, and the extraction or preparation of the important Alkaloids, Ethers, and other organic products.

III. The Examination of Normal and Abnormal Products of the human body as aiding in the diagnosis of disease, such as urine, urinary deposits, bile, blood, etc.

EXAMINATIONS.—In connection with these courses of instruction, the student will be systematically examined upon the subjects of his study.

THE MATERIA MEDICA LABORATORY.

Two rooms have been equipped as a laboratory of Materia Medica and Therapeutics since the close of the last session. They contain a complete cabinet of materia medica, preparations, and active principles, for study by each pupil, as

the articles are taken up by the Professor during the regular term. One room has been equipped especially for pharmaceutical instruction, and a systematic, although necessarily restricted, course in pharmacy will be given. The laboratory is provided with the following instruments and appliances for special researches in the physiological action of remedies: a kymographion with recording cylinders and Foucault's regulator; a Fick's spring kymographion; a mercurial pump run by an electro-motor for artificial respiration; a double myograph; Marey's sphygmograph; Coat's apparatus; a recording stethometer, mercurial manometer, Rhumkorff's coil, metronome, dissecting and other microscopes, Czermack's holder, and other apparatus necessary for this purpose. Practitioners and advanced students desiring to pursue special investigations will be afforded the opportunity to do so.

The rooms will be in charge of special instructors under the direction of the Professor, and will be open to the candidates for graduation, to third year's men, and to physicians. No fees will be charged. Each student will pay three dollars, which is merely the cost of the necessary material used.

PHYSIOLOGICAL LABORATORY.

Practical instruction will be given in the Laboratory, twice a week, to members of the Graduating Class, free of charge, under the personal supervision of the Professor.

The Graduating Class will be divided into sections, and practical demonstrations in Histology and Physiology will be given.

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.

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 4th 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.
- " Practice of Medicine and Clinical Medicine.
- " General, Descriptive, and Surgical Anatomy.
- " Medical Chemistry and Toxicology.
- " Materia Medica and General Therapeutics.
- "Institutes of Medicine (or Physiology) and Medical Jurisprudence.

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 6th of September, and continues until the opening of the Winter Term, and embraces special instruction on the following subjects:—

Therapeutics .						. 1	Ву	Prof. BARTHOLOW.
Physiology .							66	Prof. CHAPMAN.
Ophthalmology is tre	eated 1	both o	didac	ticall	y and	d		
clinically .							66	Prof. WILLIAM THOMSON.
Pathological Anatom	у .			. 46			66	Dr. Morris Longstreth.
Operative Surgery, v								
subject		-15.					66	Dr. John H. Brinton.
Venereal Diseases a								
Genital Organs							66	Dr. S. W. Gross.
Laryngoscopy, with								
Anatomy .								

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 during the Spring of 1880, were as follows:—

Clinical Surgery and Medicine	By the Hospital Staff.
Clinical Lectures at the Pennsylvania Hospital	" Dr. Longstreth.
Electro-Therapeutics	" Prof. Bartholow.
Physiology and Comparative Anatomy	" Prof. CHAPMAN.
Ophthalmic Surgery	" Prof. Thomson.
Anatomy	" Dr. W. S. FORBES.
Operative Surgery	" Dr. J. H. BRINTON.
Clinic on Venereal Diseases and Diseases of the	
Urino-Genital Apparatus at College Hospital.	" Dr. S. W. GROSS.
Laryngoscopy and Diseases of the Throat, with	
Illustrations	" Dr. J. Solis Cohen.
Pathological Anatomy, with Demonstrations .	" Dr. Morris Longstreth.
Physical Diagnosis, with Practical Demonstra-	
tions	" Dr. J. C. WILSON.
Diseases of Children	" Dr. W. B. ATKINSON.
Microscopy with Practical Demonstrations .	" Dr. J. GIBBONS HUNT.
Toxicology	" Dr. H. LEFFMANN.
Urinary Pathology	" Dr. Jos. S. Neff.

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, or to Graduates of other recognized Colleges of more than three years' standing, 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

		10	, 00 N	00000	1160		
Matriculation							\$5
Full Course of	Lectures						140
Dissection .		-					10
							\$155
		Sec	ond i	Sessi	ion.		
Matriculation							\$0
Full Course of	Lectures						140
Graduation Fe	e	-					30
							170
							\$325

PRIZES OFFERED.

The following Prizes are offered to the graduates of the Jefferson Medical College, at the annual Commencement, March, 1881:—

1. A prize of \$100, by Henry C. Lea's Sons, for the best Thesis founded upon original experiments, clinical observation, or superior excellence in scholarship.

FACULTY PRIZES.

- 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 Obstetrics and Diseases of Women and Children.
- 4. A prize of \$50 for the best Essay on a subject pertaining to Materia Medica and Therapeutics.
- 5. A prize of \$50 for the best Anatomical preparation. All such preparations offered to belong to the College Museum.

PROFESSORS' PRIZES.

- 6. A prize of \$50 for the best Original Research in the Chemical Laboratory, or the best Essay on some Chemical Subject.
 - 7. A prize for the best final examination on Physiology.

OTHER PRIZES.

- 8. A Gold Medal, by the Demonstrator of Surgery, for the best operations on the Cadaver.
- 9. 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 1880-81 will begin on Monday, October 4th, 1880, and will continue until the 1st of March, 1881.

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 gladly received by the Dean.

GRADUATES.

At a Public Commencement, held at the American Academy of Music on the 13th of March, 1880, 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 Robert E. Rogers, M.D.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Alexander, James H.	Tennessee.	Typhoid Fever.
Allen, Charles L.	Pennsylvania.	Phenomenal Hydrophobia.
Ames, Robert P. M.	Massachusetts.	Rupture of the Uterus.
Anderson, Edward Lane	Pennsylvania.	Malaria.
Angell, Charles E.	Indiana.	Purpura Hæmorrhagica.
Ard, Wilson P.	Pennsylvania.	Diphtheria.
Baird, Alexander B.	Kentucky.	Post-partum Hæmorrhage.
Baker, Harry B.	Massachusetts.	Urticaria.
Baldwin, J. Marion	Pennsylvania.	Erysipelas.
Barclay, William H.	Pennsylvania.	Venereal Contamination.
Barry, William M.	Texas.	A Few Clinical Observations on Ty-
		phoid Fever as occurring in the 32d
		parallel.
Barton, George C.	Pennsylvania.	Psoriasis.
Batman, William F.	Indiana.	Remittent Fever.
Beatty, Thomas J.	Pennsylvania.	Ergot.
Benninger, Amandus A.	Pennsylvania.	Report of a Clinical Case.
Bliss, Gerald C. W.	New Brunswick.	Cinchona.
Board, John J.	Virginia.	Acute Dysentery.
Bochroch, Max. H.	Pennsylvania.	Essential Anæmia.
Braden, Leroy	Pennsylvania.	Typhoid Fever.
Brainard, Medad P.	Ohio.	Gunshot Injuries.
Bready, Conrad R.	Pennsylvania.	Bromide of Ethyl as an Anæsthetic.
Bricker, Charles E.	Pennsylvania.	Anæsthesia in Labor.
Bright, John W.	Pennsylvania.	Pyothorax.
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NAME.	STATE OR COUNTRY	SUBJECT OF THESIS.
Brundage, Emerson K.	Pennsylvania.	Abortion.
Burwell, John P.	Virginia.	Progress of Medicine.
Caldwell, Frank H.	Georgia.	Eucalyptus Globulus.
Cameron, Norris	Pennsylvania.	Diphtheria.
Carroll, Edgar	Ohio.	The Arrest of Hæmorrhage.
Caterson, William H.	Pennsylvania.	Stimulation.
Charlton, Alonzo P.	Pennsylvania.	Typhoid Fever.
Clark, Frank A.	Pennsylvania.	Typhoid Fever.
Cline, Charles H.	New Jersey.	Anatomical Structure of the Human
		Body.
Cline, James C.	Pennsylvania.	Diphtheria.
Cochran, William G.	Illinois.	Scarlatina.
Coley, Andrew J.	Alabama.	Sporadic Dysentery.
Conwell, Joseph A.	Delaware.	Ice and Cold Water as Therapeutic
Coulton Ponismin E	Dannaulwania	Agents.
Coulter, Benjamin F.	Pennsylvania.	The Study of Anatomy.
Cramer, David C.	Pennsylvania. Pennsylvania.	Diphtheria.
Crandall, Charles R. Cunningham Abelard V.	Pennsylvania.	Sources of Danger in Surgery. Cerebral Hyperæmia.
	Pennsylvania.	Menstruation.
Cunningham, Dewees	remisyivama.	menstruation.
Dalsen, Charles M.	Pennsylvania.	Cholera Infantum.
Davidson, Charles C.	Pennsylvania.	Isomorphisms and Chemistry of
		Alums.
Davis, James G.	Pennsylvania.	Pathology of Inflammation.
Decker, Corben J.	New Jersey.	Inflammation.
De Vore, Henry V.	Indiana.	Dysentery.
De Witt, John H.	Illinois.	Acute Arsenical Poisoning.
De Young, A. Henriques S.	Pennsylvania.	Physiology of the Sympathetic Nervous System.
Dock, Clifford	Pennsylvania.	Dislocation of the Elbow-joint, with
		an Apparatus for Reduction.
Donnan, Edmund A.	Pennsylvania.	Ovariotomy.
Doyle, Charles F.	Pennsylvania.	Diphtheria.
Ferguson, William A.	Kansas.	Digestion.
Fetherolf, James A.	Pennsylvania.	Labor.
Fiedler, Daniel W.	Pennsylvania.	Laceration of the Perineum.
Fonseca, Antonio M. da	Brazil.	Digestion.
Foster, Rufus M.	Tennessee.	Hysteria.
Frankhouser, Fremont W.		Apoplexy.
Frankish, Joseph	Pennsylvania.	Physiology of Death.
Freund, Henry H.	Pennsylvania.	Symptomatology and Pathology of
	a laterage of Total	Angular Curvature of the Spine.
Fulton, Thomas Chalmers	Pennsylvania.	Erythoxylon Coca.
Furry, Samuel E.	Pennsylvania.	Waste and Repair.
C 1 II 1 I	D	The second secon
Gardner, Herbert D.	Pennsylvania.	Inguinal Hernia.
Garrison, Daniel	New Jersey.	Intermittent Fever.

NAME.	STATE OR COUNTRY	. SUBJECT OF THESIS.
Godey, Harry	Pennsylvania.	Anæsthetics.
Goodman, William R.	Pennsylvania.	Cervical Cellulitis.
Gratiot, Charles C.	California.	Physiological and Therapeutical Value of Mercury.
Grayson, Charles M. P.	Pennsylvania.	The Tympanitis of Typhoid Fever.
Greene, Frank C.	New Jersey.	Dyspepsia.
Gregg, Albert E.	Pennsylvania.	Scarlet Fever.
Grim, Bladen S.	Pennsylvania.	Indigestion or Dyspepsia.
Groff, James E.	Pennsylvania.	Acute Pericarditis.
Grove, Aaron B.	Pennsylvania.	Diphtheria.
Hafley, Lewis A.	Pennsylvania.	Aneurism.
Halbert, Francis M.	Mississippi.	Diphtheria.
Hallowell, Charles E.	Pennsylvania.	Variola.
Halsey, Luther M.	New Jersey.	Glycosuria.
Hardister, Nathan G.	Arkansas.	Pernicious Fever.
Harman, George G.	Pennsylvania.	Phthisis Tuberculosis.
Hartman, Harry Y.	Pennsylvania.	Typhoid Fever.
Hawk, William A.	Pennsylvania.	Burns.
Hecht, John P.	Pennsylvania.	Urinary Deposits.
Heffner, Charles W.	Ohio.	Ovulation and Menstruation.
Heiser, Edwin S.	Pennsylvania.	Acute Pericarditis.
Hepburn, John, Jr.	New Jersey.	Reduction of Temperature.
Herff, Adolph C.	Texas.	Asphyxia Neonatorum.
Hershey, Emanuel R.	Pennsylvania.	Scarlatina.
Hillegass, Eugene Z.	Pennsylvania.	Arterial Anomalies.
Hoffman, John Y.	Pennsylvania.	Respiration.
Hollingsworth, John B.	North Carolina.	Variola—Smallpox.
Hood, Thomas M.	West Virginia.	Luxation of the Shoulder-joint.
Houston, Isaac N.	Pennsylvania.	Acute Articular Rheumatism.
Hubbard, J. Clark	Massachusetts.	Malaria in the Connecticut Valley.
Hudders, Clarence	New Jersey.	Signs and Symptoms of Pregnancy.
Janney, William S.	Pennsylvania.	Inguinal Hernia on Right or Left Side.
Jurist, Louis	Pennsylvania.	Constipation.
Keeler, Joseph P.	Pennsylvania.	Scarlatina.
Keelor, Vincent Z.	Pennsylvania.	Physical Strain versus Physical Culture.
Kempton, Augustus	Pennsylvania.	Anæsthesia and Anæsthetics.
Kennedy, James S.	Pennsylvania.	Medical Jurisprudence.
Kimmell, Harry S.	Pennsylvania.	The Medicine of Nature and the Medicine of Theory.
King, Eugene P.	Rhode Island.	On the Identity of Genius and Talent.
Kinnier, Robert Gray	Virginia.	Prophylaxis of Yellow Fever.
Klipstein, George T.	Virginia.	Natural Labor and its Management.
Knecht, Cyrus	Pennsylvania.	Physiological and Toxicological Effects of Chloroform as an Anæsthetic.
Knowles, Henry B.	Pennsylvania.	Mortification.
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NAME.	STATE OR COUNTRY	. SUBJECT OF THESIS.
Koontz, John W.	Virginia.	Chancre and its Consequences.
Kurtz, J. Ellis	Pennsylvania.	Fractures of the Clavicle.
		Control of the Contro
Langton, Daniel J.	Pennsylvania.	Conjunctivitis.
Leberknight, Daniel C.	Pennsylvania.	Scorbutus.
Leech, William W.	Pennsylvania.	Typhoid Fever.
Lesher, David T.	Pennsylvania.	Medico-Surgical Rest.
Lockard, Daniel H.	Illinois.	Hair.
Loman, Matthew F.	Pennsylvania.	Diphtheria.
Masser, Frank B.	Pennsylvania.	Acute Lobar Pneumonitis.
Miller, D. Warren	Illinois.	Milk.
Mitchell, Charles L.	Pennsylvania.	Chronic Gastritis.
Mitchell, John T.	Missouri.	Compression of the Brain.
Montgomery, James R.	Pennsylvania.	Diplopia.
Morales, José M.	Nicaragua.	Intermittent Fever.
Moser, Ira D.	Pennsylvania.	Typhoid versus Typhus Fever.
Muelheims, Robert	Illinois.	Gonorrhœa.
Musser, C. Sumner	Pennsylvania.	Monstrosities.
Myers, Herschel S.	Indiana.	Foreign Bodies in the Air-Passages.
McKinley, Lucien	Pennsylvania.	Tenotomy with its application.
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Neale, Henry M.	Connecticut.	Secale Cornutum.
Nelson, Frank W.	Virginia.	Treatment of Typhoid Fever.
Nelson, H. W.	Ohio.	Pneumonia.
Newton, Frederick G.	Pennsylvania.	Diphtheria.
Nicklin, John	Oregon.	Physiology of Blood.
North, James	New Jersey.	Arterial Transfusion with the Theory
		of Oxidation in Transfusion.
Odbert, Frank N.	Pennsylvania.	Jaundice.
Ono, Shunji	Japan.	Hakke or Beriberi.
Ormsbee, Richard S.	Ohio.	Laceration of Cervix Uteri.
Phillips, George S.	Pennsylvania.	Morbilli.
Plummer, Amos Weston	Maine.	Digestion.
Pollock, Stephen D.	Illinois.	Tendency of Therapeutics.
Ramsaur, G. Alexander	North Carolina.	Abortion.
Reagan, Robert S.	Pennsylvania.	Scarlatina.
Reed, Charles	Pennsylvania.	Report of Surgical Clinic at the Penn-
		sylvania Hospital.
Reed, William E.	Pennsylvania.	Practical Examination of Urine.
Reger, Robert A.	West Virginia.	Diphtheria.
Riley, Edward W.	Kansas	Coma,
Ringwalt, Martin	Pennsylvania.	Diseases of the Rectum.
Robinson, Charles E.	Arkansas.	Intermittent Fever.
Rodgers, Daniel R.	West Virginia.	Hypertrophy of the Prostate.
Rosenthal, Edwin	Pennsylvania.	Germs the Cause and Origin of Epi-
		demic Diseases.

NAME.	STATE OR COUNTRY.	SUBJECT OF THESIS.
Samuel, Edmund W.	Pennsylvania.	Report of Surgical Clinics held at
		Pennsylvania Hospital by Dr. Levis.
Scott, James W. C.	Indiana.	Scarlet Fever.
Seagle, Edwin H.	North Carolina.	Scorbutus.
Sharpless, B. Frank	Pennsylvania.	Puerperal Convulsions.
Sheaff, Charles G.	Pennsylvania.	Syphilis.
Sherman, James S.	Missouri.	Human Urine.
Sheilds, Edgar A.	Indiana.	Inflammation.
Shope, Jacob W.	Pennsylvania.	The Circulation.
Shriver, J. Milton	Pennsylvania.	Alcohol. Its Use as a Medicine.
Silva, Joseph C. P. e	Brazil.	Yellow Fever.
Smith, Jacob H.	Pennsylvania.	Intermittent Fever.
Snoddy, Lot J.	Kansas.	Diphtheria.
Sockman, Henry A.	Ohio.	Delirium Tremens.
Steck, John M.	Maryland.	Intellectual Disorders of Pregnancy.
Steinbach, Lewis W.	Pennsylvania.	Report of Dr. Levis's Clinics at the Pennsylvania Hospital.
Stephens, James T.	Texas.	Hæmaturia Miasmatica.
Sterrett, Samuel J. O.	Pennsylvania.	Scrofula.
Stevens, Atherton B.	Pennsylvania.	The Three Stages of Labor.
Stevenson, Robley D.	Indiana.	Typhoid Fever.
Stewart, James M.	Pennsylvania.	Diphtheria.
Stirling, Samuel R.	Pennsylvania.	Otology.
Stone, Lewis P.	Pennsylvania.	Report of Dr. Levis's Clinics at the
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Strayer, Jacob P.	Pennsylvania.	Acute Rheumatism.
Strobel, John, Jr.	Pennsylvania.	Digitalin.
Stuart, Richard H., Jr.	Virginia.	Inflammation.
Swallow, Edward E.	Massachusetts.	Hydrocele.
Thompson, John Calvin	Pennsylvania.	Pneumorrhagia.
Tobin, Hugh L.	Kentucky.	Report of a Railroad Accident.
Todd, Alonzo R.	Delaware.	The Combined Salts of Cinchonia
		versus Quinia alone in the Treat-
		ment of Intermittent Fever.
Uhler, Sydenham P.	Pennsylvania.	Typhoid Fever.
Vest, William	Iowa.	Dislocation of the Shoulder-Joint.
Walter, Eyer	Pennsylvania.	Physical Heat.
Weatherley, T. Ogden	Pennsylvania.	Influence of the Mind on the Body.
Weeks, Albert	New Jersey.	Cerebro-spinal Fever.
Weeks, Carlile B.	New Jersey.	Scorbutus.
Weisel, Adolph	North Carolina.	Inflammation.
Welsh, Horace G.	Ohio.	Scarlatina.
Wert, John M.	Pennsylvania.	Non-identity of Croup and Diphtheria.
Westcott, Frank W.	New Jersey.	Acute Desquamative Nephritis.
Wiley, Robert B. M.	New Brunswick.	Diphtheria.
Wilkinson, George W.	Pennsylvania.	Chronic Urethritis.
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NAME.	STATE OR COUNTRY	. SUBJECT OF THESIS.
Wolff, Lawrence	Pennsylvania.	The Organic Force of Life.
Wolford, M. Luther	Pennsylvania.	Anæsthetics.
Wood, George H.	Pennsylvania.	Typhoid Fever.
Wood, Irving C.	New York.	Differential Diagnosis between Typhus and Typhoid Fever.
York, George W.	Canada.	Pulmonary Tuberculosis.
Yost, B. Myers	Pennsylvania.	The Heart and its Actions in Health.
Young, Thomas O.	Pennsylvania.	Scarlatina.
Zieber, Edward S.	Pennsylvania.	Resources of the Human Economy.
Ziegler, William H.	Pennsylvania.	Acute Lobar Pneumonia.

Of the above there were from-

Pennsylvania	113	West Virginia	3	Georgia	1	Maine 1
New Jersey	11	Kansas	3	Alabama	1	Maryland 1
Virginia	7	Tennessee	2	California	1	Nicaragua 1
Ohio	7	Kentucky	2	Mississippi	1	Canada 1
Indiana	7	Delaware	2	Rhode Island	1	Japan 1
Illinois	6	Arkansas	2	Connecticut	1	
Massachusetts	4	Missouri	2	Iowa	1	Total196
North Carolina.	4	Brazil	2	New York	1	
Texus	3	New Brunswick	2	Oregon	1	

The following prizes were awarded:-

- 1. A prize of \$100, by Henry C. Lea, Esq., for the best Thesis, to Robert P. M. Ames, of Massachusetts; with honorable mention of the Theses of Vincent Z. Keelor, of Pennsylvania; Shunji Ono, of Japan; Cyrus Knecht, of Pennsylvania; J. A. Conwell, of Delaware; and Edwin Rosenthal, of Pennsylvania.
- 2. A prize of \$50, for the best Essay on a subject pertaining to Surgery, to L. A. Hafley, of Pennsylvania; with honorable mention of the Theses of Charles R. Crandall, of Pennsylvania.
- 3. A prize of \$50, for the best Essay on a subject pertaining to Physiology, to B M. Yost, of Pennsylvania; with honorable mention of the Theses of Amos W. Plummer, of Maine; Samuel E. Furry, of Pennsylvania; A. H. S. De Young, of Pennsylvania; and James R. Montgomery, of Pennsylvania.
- 4. A prize of \$50 for the best Original Research in the Working Chemical Laboratory, to C. C. Davidson, of Pennsylvania; with honorable mention of the Essay of John H. Dewitt, of Illinois.
- 5. A prize of \$50, for the best Essay on a subject pertaining to the Theory and Practice of Medicine, to J. C. Hubbard, of Massachusetts; with honorable mention of the Thesis of Charles L. Mitchell, of Pennsylvania.
- 6. A prize of a case of clinical instruments by Prof. Bartholow to Norris Cameron for the best examination in Materia Medica and Therapeutics.
- 7. 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 L. W. Steinbach, of Pennsylvania; with honorable mention of the Reports of Charles Reed, of Pennsylvania; Edwin Rosenthal, of Pennsylvania; and Edmund W. Samuel, of Pennsylvania.
- 8. A prize of a Gold Medal, by Dr. Thomas G. Morton, for a Report of his Surgical Clinic at the Pennsylvania Hospital, to Edwin Rosenthal, of Pennsylvania.

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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 Clinical Instruction and of Practical Anatomy. Candidates for Graduation who have not taken any Dissecting Ticket prior to September 1, 1880, will be required to take the Dissecting Ticket of this College for at least one session. This rule does not apply to those who are already Graduates of other recognized schools. 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 another 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 another 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 the fees for a general ticket are for the first session \$60, and for the second session \$100; and Colleges of Pharmacy, the fee for a general ticket is \$100 for each session.

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; Barnes on Diseases of Women; Tanner on the Diseases of Infancy.
- III. MATERIA MEDICA AND GENERAL THERAPEUTICS.—Bartholow's Materia Medica and Therapeutics; Biddle's Materia Medica.
- IV. Institutes of Medicine.—Carpenter's Human Physiology; Dalton's Human Physiology; Dunglison's Medical Dictionary.
- V. Practice of Medicine.—Da Costa on Diagnosis; 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 12th, 1880, the following officers were elected for the ensuing year:—

PRESIDENT	S. D. GROSS, M.D., LL.D., D.C.L. Oxon.
Vian Panarauma	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.

EXECUTIVE COMMITTEE.

Drs. R. J. Levis,	Drs. J. H. Brown,	Drs. Wm. S. Little,
S. W. Gross,	Wm. W. Keen,	W. G. MacConnell,
W. B. Atkinson,	Jesse Williamson,	Henry Morris,
W. Thomson,	T. H. Ingram,	W. S. Stewart,
Hugo Engel,	Frank Woodbury,	H. A. Wilson,
J. M. Barton,	E. R. Stone,	A. Hewson, Jr.,
R. S. Wharton,	J. B. Roberts,	L. P. Stone,
O. H. Allis,	Charles Wirgman,	A. F. Kempton.

VICE-PRESIDENTS FROM THE SEVERAL STATES.

Maine—Dr. Eugene F. Sanger.
New Hampshire-Dr. John L. Swett.
Vermont—Dr. Joseph Draper.
Massachusetts—Dr. R. L. Hodgdon.
Rhode Island—Dr. Jas. H. Eldridge.
Connecticut—Dr. John S. Butler.
New York-Dr. J. Marion Sims.
New Jersey—Dr. A. Coles.
Pennsylvania—Dr. Thomas Lyon.
Delaware—Dr. Wm. Marshall.
West Virginia-Dr. John C. Hupp.
North Carolina-Dr. Rob't L. Payne.
Florida-Dr. John W. Eppes.

Texas—Dr. Joseph M. Fort.
Arkansas—Dr. Algernon S. Garnett.
Kentucky—Dr. Robert H. Gale.
Tennessee—Dr. B. B. Lenoir.
Wisconsin—Dr. James T. Reeve.
Minnesota—Dr. Samuel D. Flagg.
Colorado—Dr. Wm. F. McClelland.
District of Columbia—Dr. Jos. M. Toner.
U. S. Army—Dr. E. P. Vollum.
U. S. Navy—Dr. Richard C. Dean.
Montana—Dr. J. C. Thompson.
California—Dr. R. Beverly Cole.
Canada—Dr. W. T. Aikins.

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