1903

79th Annual Announcement Session of 1903-1904: Jefferson Medical College of Philadelphia and Its Hospital: Register of Students for 1902-1903

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79th Annual Announcement

Jefferson Medical College
of Philadelphia and Its Hospital

Session of 1903-1904

Register of Students for 1902-1903
CALENDAR

1903

April 25th . . . . . . . Registration for Reserved Seats. Book Opened This Day. Students must Deposit $10 in Breakage Fund by October 1st, or Forfeit the Registration.

September 23d . . . . Examination for the Shain Scholarship.

September 24th . . . . Regular Session Begins. Introductory Address, 8 p. m.

September 24th . . . . Appointments Made for Entrance and Grading Examinations.

November 3d . . . . . Election Day; Holiday.

November 26th . . . . Thanksgiving Day; Holiday.

December 18th . . . . Christmas Recess Begins, 6 p. m.

1904

January 4th . . . . . . College Work Resumed, 9 a. m.

January 18th . . . . . . Second Term Begins.

February 12th . . . . . . Lincoln's Birthday; Holiday.

February 22d . . . . . . Washington's Birthday; Holiday.

April 1st and 2d . . . Easter Recess.

April 25th . . . . . . . Registration for Next Session.


May 26th . . . . . . . Annual Dinner.

May 27th . . . . . . . Annual Commencement.

The payment of a Breakage Deposit is necessary before a seat can be reserved or admission be had to the Laboratories.

BOARD OF TRUSTEES.

Hon. William Potter,
President.

Hon. Simon Gratz,
Secretary.

Edward H. Weil,
Treasurer.

Hon. Simon Gratz,
Hon. Michael Arnold,
Sutherland M. Prevost,
Hon. William Potter,
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Hon. Samuel Gustine Thompson,
Daniel Baugh,
Edward I. Smith,
Hon. George F. Edmunds,
Hon. Mayer Sulzberger, LL.D.
Charles C. Townsend,
Daniel Moreau Barringer
OFFICERS OF THE COLLEGE

FACULTY

ROBERTS BARTHOLOW, M.D., LL.D., Emeritus Professor of Materia Medica, General Therapeutics, and Hygiene, No. 1527 Locust Street.

WILLIAM THOMPSON, M.D., Emeritus Professor of Ophthalmology, No. 1426 Walnut Street.

HENRY C. CHAPMAN, M.D., Professor of Institutes of Medicine and Medical Jurisprudence, No. 2047 Walnut Street.

JOHN H. BRINTON, M.D., LL.D., Professor of the Practice of Surgery and of Clinical Surgery, No. 1423 Spruce Street.

JAMES W. HOLLAND, M.D., Professor of Medical Chemistry and Toxicology, and Dean, Jefferson Medical College.

WILLIAM S. FORBES, M.D., Professor of General, Descriptive, and Surgical Anatomy, No. 901 Pine Street.

WILLIAM W. KEEN, M.D., LL.D., F.R.C.S. (Hon.), Professor of the Principles of Surgery and Clinical Surgery, No. 1729 Chestnut Street.

H. A. HARE, M.D., Professor of Materia Medica and Therapeutics, No. 1801 Spruce Street.

JAMES C. WILSON, M.D., Professor of Practice of Medicine and Clinical Medicine, No. 1437 Walnut Street.

E. E. MONTGOMERY, M.D., LL.D., Professor of Gynecology, No. 1703 Walnut Street.

W. M. L. COPLIN, M.D., Professor of Pathology and Bacteriology, Jefferson Medical College.

EDWARD P. DAVIS, M.D., Professor of Obstetrics, No. 250 South 21st Street.

F. X. DERCUM, M.D., Professor of Nervous and Mental Diseases, No. 1719 Walnut Street.

J. CHALMERS DA COSTA, M.D., Professor of Principles of Surgery and Clinical Surgery, No. 2045 Walnut Street.

J. W. HOLLAND, M.D., Dean of the Faculty,

At the College Building, Tenth and Walnut Streets, Philadelphia.

HONORARY AND CLINICAL PROFESSORS

J. SOLIS-COHEN, M.D., Honorary Professor of Laryngology, No. 1824 Chestnut street.
HENRY W. STEFWAGON, M.D., Clinical Professor of Dermatology, No. 223 South 17th Street.

H. AUGUSTUS WILSON, M.D., Clinical Professor of Orthopedic Surgery, No. 1611 Spruce Street.

EDWIN E. GRAHAM, M.D., Clinical Professor of Diseases of Children, No. 1713 Spruce street.

ORVILLE HORWITZ, M.D., Clinical Professor of Genito-Urinary Diseases, No. 1721 Walnut Street.

S. MACCUEN SMITH, M.D., Clinical Professor of Otology, No. 1700 Walnut Street.

W. JOSEPH HEARN, M.D., Clinical Professor of Surgery, No. 1120 Walnut Street.

HOWARD F. HANSELL, M.D., Clinical Professor of Ophthalmology, No. 1528 Walnut Street.

WM. S. JONES, M. D., Clinical Professor of Laryngology, No. 301 Penn Street, Camden, N. J.

D. BRADEN KYLE, M.D., Clinical Professor of Laryngology, No. 1517 Walnut Street.

ADJUNCT AND ASSISTANT PROFESSORS

ALBERT P. BRUBAKER, M.D., Adjunct Professor of Physiology and Hygiene.

SOLOMON SOLIS-COHEN, M.D., Senior Assistant Professor of Clinical Medicine.

ADDINELL HEWSON, M.D., Assistant Professor and Demonstrator of Anatomy.

E. QUIN THORNTON, M.D., Assistant Professor of Materia Medica.

JOHN M. FISHER, M.D., Assistant Professor of Gynecology.

LECTURERS AND ASSOCIATES

S. SOLIS COHEN, M.D., Lecturer on Clinical Medicine.

STRICKER COLES, M.D., Clinical Lecturer on Obstetrics.

RANDLE C. ROSENBERGER, M.D., Associate in Bacteriology, and Curator of the Museum.

H. E. RADASCH, B.S., M.D., Associate in Histology and Embryology.
DEMONSTRATORS

J. TORRANCE RUGH, M.D., Demonstrator of Orthopedics.
GEORGE W. SPENCER, M.D., Demonstrator of Surgery.
WM. H. WELLS, M.D., Demonstrator of Clinical Obstetrics.
WARD BRINTON, M.D., Demonstrator of Physical Diagnosis.
JAY C. KNIFE, M.D., Demonstrator of Osteology.
H. R. LOUX, M.D., Demonstrator of Fracture Dressings and Dislocations.
MAX BOCHROCH, M.D., Demonstrator of Nervous Diseases.
STRICKER COLES, M.D., Demonstrator of Obstetrics.
JOHN C. DA COSTA, Jr., M.D., Demonstrator of Clinical Medicine.
FREDERICK JOHN KALTEYER, M.D., Demonstrator of Clinical Medicine.
J. P. BOLTON, M.D., Demonstrator of Chemistry.
L. H. PRINCE, M.D., Demonstrator of Morbid Histology.
ALLER G. ELLIS, M.D., Demonstrator of Morbid Anatomy.
D. G. METHENY, M.D., L. R. C. P. & S. E., Demonstrator of Syndesmology.

PROSECUTOR

HOWARD R. SWAYNE, M.D., Prosector and Assistant Curator.

INSTRUCTORS AND ASSISTANT DEMONSTRATORS

EMMANUEL J. STOUT, M.D., Instructor in Dermatology.
E. L. KLOPP, M.D., Instructor in Otology.
C. W. HOOPES, M.D., Instructor in Otology.
W. M. SWEET, M.D., Instructor in Ophthalmology.
A. B. KIRKPATRICK, M.D., Instructor in Laryngology.
G. BARINGER SLIFER, M.D., Instructor in Laryngology.
B. L. GORDON, M.D., Instructor in Obstetrics.
FREDERICK JOHN KALTEYER, M.D., Instructor in Hematology.
WILLIAM C. PICKETT, M.D., Instructor in Insanity and Neuro-Pathology.
ALFRED GORDON, M.D., Instructor in Nervous Diseases.
GEORGE A. ULRICH, M.D., Instructor in Clinical Obstetrics.
GEORGE B. ANGLE, M.D., Instructor in Clinical Obstetrics.
L. F. APPLEMAN, M.D., Instructor in Therapeutics.
HOWARD DEHONEY, M.D., Assistant Demonstrator of Anatomy.
J. KINNIER CRAWFORD, M.D., Assistant Demonstrator of Anatomy.
F. HURST MAIER, M.D., Assistant Demonstrator of Gynecology.
W. KRUSEN, M.D., Assistant Demonstrator of Gynecology.

T. J. BUCHANAN, M.D., Assistant Demonstrator of Anatomy and Morbid Anatomy.
D. GREGG METHENY, M.D., Assistant Demonstrator of Surgery.
JAMES W. McINTOSH, M.D., Assistant Demonstrator of Surgery and Pathology and Assistant Instructor of Bandaging.
W. J. ROE, M.D., Assistant Demonstrator of Surgery and Anatomy.
S. A. S. METHENY, M.D., Assistant Demonstrator of Surgery.
G. J. SCHWARTZ, M.D., Assistant Demonstrator of Surgery.
W. P. HEARN, M.D., Assistant Demonstrator of Surgery.
E. RUSSELL KENNEDY, M.D., Assistant Demonstrator of Pharmacy and Materia Medica.
C. D. S. FRUH, M.D., Assistant Demonstrator of Anatomy.
B. F. ROVER, M.D., Assistant Demonstrator of Anatomy.
M. J. BROWN, M.D., Assistant Demonstrator of Anatomy.
EDWARD H. GREEN, M.D., Assistant Demonstrator of Anatomy.
CHARLES S. HIRSCH, M.D., Assistant Demonstrator of Anatomy.
H. D. FRASER, M.D., Assistant in Bandaging.
FRANK C. HAMMOND, M.D., Assistant Demonstrator in Gynecology.
J. COLES BRICK, M.D., Assistant Demonstrator of Visceral Anatomy.
C. S. BARNES, M.D., Assistant Demonstrator of Gynecology.
L. F. APPLEMAN, M.D., Assistant Demonstrator of Materia Medica.
ALONZO SARGENT, M.D., Assistant Demonstrator of Histology and Embryology.

GEORGE VINCENT RIDLEY, Assistant in Morbid Histology and Bacteriology.

ORLANDO H. PETTY, B.S., Assistant in Bacteriology.
P. BROOK BLAND, M.D., Instructor in 3d year Gynecology.
JAMES McCOY, M.D., Instructor in Clinical Obstetrics.
D. R. MacCARROLL, M.D., Instructor in Clinical Obstetrics.
ROBERT CASPERSON, M.D., Instructor in External Diseases of the Eye.
WENDELL REBER, M.D., Instructor in Ophthalmoscopy.
C. W. LEFEVRE, M.D., Instructor in Errors of Refraction.
GEO. F. DOYLE, Assistant in Histology and Embryology.
SAMUEL A. MUMFORD, A.B., Assistant in Histology and Embryology.
ALEXANDER J. ORENSTEIN, Assistant in Histology and Embryology.
C. H. LEFCOWITCH, M.D., Instructor in Pediatrics.
R. REESER, M.D., Instructor in Pediatrics.
T. J. SMYTH, M.D., Assistant Demonstrator of Anatomy.
A. B. CRAIG, M.D., Assistant Demonstrator of Anatomy.
H. K. GASKILL, Assistant in Chemistry.
A. E. AUSTIN, Assistant in Chemistry.
W. MEYERSON, Assistant in Chemistry.
HENRY RITTER, Assistant in Physiology.
ERNEST H. MAIER, Assistant in Physiology.
JEFFERSON MEDICAL COLLEGE
HOSPITAL

MEDICAL DIRECTOR, JOSEPH S. NEFF, M.D.
HOSPITAL STAFF

JOHN H. BRINTON, M.D., LL.D., Professor of the Practice of Surgery and of Clinical Surgery.
WILLIAM S. FORBES, M.D., Professor of General, Descriptive, and Surgical Anatomy.
WILLIAM W. KEEN, M.D., LL.D., F.R.C.S. (Hon.), Professor of the Principles of Surgery and Clinical Surgery.
H. A. HARE, M.D., Professor of Materia Medica and Therapeutics.
JAMES C. WILSON, M.D., Professor of Medicine and Clinical Medicine.
E. E. MONTGOMERY, M.D., Professor of Clinical Gynecology.
W. M. L. COPLIN, M.D., Professor of Pathology (Director of Hospital Laboratories).
EDWARD F. DAVIS, M.D., Professor of Obstetrics.
F. X. DERCUM, M.D., Professor of Nervous and Mental Diseases.
J. SOLIS-COHEN, M.D., Honorary Professor of Laryngology.
HENRY M. STELWAGON, M.D., Clinical Professor of Dermatology.
H. AUGUSTUS WILSON, M.D., Clinical Professor of Orthopedic Surgery.
EDWIN F. GRAHAM, M.D., Clinical Professor of Diseases of Children.
ORVILLE HORWITZ, M.D., Clinical Professor of Genito-Urinary Diseases.
S. MACCUEN SMITH, M.D., Clinical Professor of Otology.
W. JOSEPH HEARN, M.D., Clinical Professor of Surgery.
HOWARD F. HANSELL, M.D., Clinical Professor of Ophthalmology.
D. BRADEN KYLE, M.D., Clinical Professor of Laryngology, and Secretary.
W. S. JONES, M.D., Clinical Professor of Laryngology.
J. CHALMERS DA COSTA, M.D., Professor of Surgery.
JOHN C. DA COSTA, JR., M.D., Gynecologist.
HENRY LEFFMAN, M.D., Pathological Chemist.
RANDLE C. ROSENBERGER, M.D., Bacteriologist.
G. W. SPENCER, M.D., Assistant Surgeon.
M. H. BOCHROCH, M.D., Assistant Neurologist.
STRICKER COLES, M.D., Assistant Obstetrician.
J. M. FISHER, M.D., Assistant Gynecologist.
C. W. HOOPES, M.D., Assistant Aurist.
A. B. KIRKPATRICK, M.D., Assistant Laryngologist.
E. C. KLOPP, M.D., Assistant Aurist.
J. C. DA COSTA, JR., M.D., Assistant Physician.
F. J. KALTEYER, M.D., Assistant Physician.
F. T. STEWART, M.D., Assistant Surgeon.
H. R. LOUX, M.D., Assistant Genito-Urinary Surgeon.

J. T. RUGH, M.D., Assistant Orthopedist.
H. M. SHRINER, M.D., Assistant Pediatrician.
E. J. STOUT, M.D., Assistant Dermatologist.
W. M. SWEET, M.D., Assistant Ophthalmologist.
C. A. VEASEY, M.D., Assistant Ophthalmologist.
CHAS. W. COBURN, M.D., Assistant Laryngologist.
L. H. PRINCE, M.D., Assistant Pathologist.
S. A. S. METHENY, M.D., Skiagraphist.
J. COLES BRICK, M.D., Clinical Assistant in charge of Rectal Clinic.
W. J. ROE, M.D., Clinical Assistant in charge of Clinic for Diseases of the Mouth.

RESIDENT PHYSICIANS

Drs. JOHN FUNK, LEWIS H. MCKINNIE, RALPH WALDO WAKEFIELD, ALFRED HEINIEBERG, PHILIP H. MOORE, C. AMORY DEXTER, CLARENCE F. ELY, NORMAN W. SHARP, OMER R. GILLETT.

Superintendent of the Hospital, GEORGE BAILEY, JR.
Directress of Training School, MISS SUSAN C. HEARLE.
Matron, MRS. SCHLECHT.

OUT-PATIENT STAFF

MEDICAL

JOHN C. DA COSTA, JR., M.D., FRED. J. KALTEYER, M.D., Chief Clinical Assistants.

Assistants.—H. R. M. LANDIS, M.D., ARCHIBALD H. GRAHAM, M.D., ARTHUR DARE, M.D., WARD BRINTON, M.D., D. R. MACCARRON, M.D., H. G. GODFREY, M.D., J. L. HARKNESS, M.D., J. FUNK, M.D.

SURGICAL

GEORGE W. SPENCER, M.D., FRANCIS T. STEWART, M.D., Chief Clinical Assistants.

E. HARVEY WIGGINS, M.D., J. W. MACINTOSH, Etherizers, S. A. S. METHENY, M.D., Skiagrapher.

Assistants.—J. C. BOYER, M.D., W. P. HEARN, M.D., GEORGE J. SCHWARTZ, M.D., T. J. BUCHANAN, M.D., J. M. MONTGOMERY, M.D., CHAS. PRICE, M.D., H. H. LIPPCOFT, M.D., A. B. CRAIG, M.D., THOS. F. SMYTH, M.D.

CLINIC FOR DISEASES ON THE RECTUM

J. COLES BRICK, M.D., Clinical Assistant in Charge.

CLINIC FOR DISEASES OF THE MOUTH

W. J. ROE, M.D., Clinical Assistant in Charge.

OBSTETRICAL

STRICKER COLES, M.D., Chief Clinical Assistant.

Assistants.—B. F. ROYER, M.D., B. L. GORDON, M.D., G. A. ULRICH, M.D.
GYNECOLOGICAL

John M. Fisher, M.D., Chief Clinical Assistant.

Assistants.—F. Hurst Maier, M.D., Wilmer Krusen, M.D., Frank C. Hammond, M.D., Alpheus McKibben, M.D., Anesthetist, Chas. S. Barnes, M.D., Pathologist and Bacteriologist, P. Brooke Bland, M.D.

OPHTHALMOLOGICAL

Wm. M. Sweet, M.D., Clarence A. Veasey, M.D., Chief Clinical Assistants.

Assistants.—Wendell Reber, M.D., C. W. Le Fevre, M.D., Robert Watt, M.D., Robert Casperson, Jr., M.D., E. H. Wiggins, M.D., H. D. Fraser, M.D., Louis Spitz, M.D.

LARYNGOLOGICAL

Andrew B. Kirkpatrick, M.D., G. Baringer Slifer, M.D., Chief Clinical Assistants.


OTOLOGICAL

E. L. Klopp, M.D., Charles W. Hoopes, M.D., Chief Clinical Assistants.

Assistants.—J. W. Michener, M.D., G. B. Slifer, M.D.

ORTHOPEDICAL

J. T. Rugh, M.D., Chief Clinical Assistant.


A. Gustav Geyvke, Mechanician; J. H. Anderson, Registrar.

DISEASES OF CHILDREN

Howard M. Shriver, M.D., Chief Clinical Assistant.

Assistants.—Charles Leftwich, M.D., Wm. E. Pole, M.D., R. Reeser, M.D.

S. Kimmelman, M.D., Registrar.

DERMATOLOGICAL

Emmanuel J. Stout, M.D., Chief Clinical Assistant.

Assistants.—Franklin Machette, M.D., F. W. Goddard, M.D.

NEUROLOGICAL

Max H. Bohr Koch, M.D., Chief Clinical Assistant.

Assistants.—Joseph F. Bolton, M.D., Alfred Gordon, M.D., S. F. Gilpin, M.D., William Pickett, M.D., Jesse O. Arnold, M.D.

Mary Louisa Pope, Masseuse.

GENITO-URINARY

Hiram R. Loux, M.D., Chief Clinical Assistant.

B. F. Roey, M.D., Etherizer.

Assistants.—R. O. Kevin, M.D., C. S. Hirsch, M.D., Leo N. Gartman, M.D., Geo. W. Ferguson, M.D., Charles N. Hunsicker, M.D., Bacteriologist; J. B. Horinstei, M.D., Registrar.

SEVENTY-NINTH ANNUAL ANNOUNCEMENT

OF THE

JEFFERSON MEDICAL COLLEGE

THE COLLEGE BUILDINGS.

The College buildings are situated on the corner of Walnut and Tenth Streets, and on Sansom Street between Tenth and Eleventh. They consist of the Medical Hall, the Laboratory Building, and the Jefferson Medical College Hospital. The Jefferson Maternity is situated on Washington Square, at 224 South Seventh Street.

THE NEW MEDICAL HALL.

The inauguration of the graded four years' course created a requirement for new buildings. Therefore the new Medical Hall has been erected, providing for four lecture rooms, besides recitation rooms and laboratories.

The new hall is fireproof and modern in construction. It is at the corner of Walnut and Tenth Streets, with a front on Walnut of one hundred and eighteen feet. The situation has been chosen as the best for the purpose, because its central location insures a constant supply of clinical material at the dispensaries and at the Hospital, besides having the advantage of nearness to the Pennsylvania Hospital. The side is joined to the new laboratory building, thus extending one hundred and eight feet on Tenth Street and one hundred and eighteen feet on Moravian Street. Between the two buildings is a large light well, and along the entire length of the building stretches a wide skylight, which, with the three surrounding streets, give an abundance of light. The entrance on Walnut Street admits to a tiled floored vestibule hall, lobby for the main stairs and passenger elevator. The basement is occupied mainly by rooms devoted to the recess hours of the student—i.e., a large, well-equipped gymnasium, with lockers and shower bath; a lavatory, rooms for billiards, for reading and smoking and for storage of bicycles. The first floor contains a reception room for visitors, the clerk's room, with telephone communication to the public wires and to different floors; the Dean's office, Trustees' room, library fully supplied with the newest medical books and periodicals, kitchen and pantry for receptions, recitation rooms, professors' private rooms, first story of the
lower amphitheater, and a room for students' lockers. The second
floor has a large museum room, newly equipped by the donation of
a warm friend of the College. It stores in the best manner for study
the great collection of the late Professor Samuel D. Gross, of the late
Professor Parvin, of the late Professor Da Costa, and a large collection
of models, of preparations and specimens. On the second floor also
is a laboratory for the study of Morbid Anatomy and the second story
of the lower amphitheater. The third floor is occupied by a large
lecture hall, brilliantly lighted, connecting with a chemical apparatus
room; a small lecture hall, with large windows and having communica-
tion with the private room of the Professor of Physiology, the
apparatus room and the laboratory of Physiology. The fourth floor
completes the upper part of the two lecture halls and provides a labo-
rapy for instruction in bandaging and obstetric manipulations and a
storage room. The fifth floor is occupied by the first story of the
amphitheater, the dissecting room, two stories high, unusually well
lighted by two tiers of windows and a skylight extending the whole
length of the room; the laboratory for operative surgery, four private
rooms for professors and prosector, and a locker room for students.
The sixth floor is occupied by the upper story of the amphitheater and
dissecting room, and incinerating furnace and bone library. Almost
every floor has a lavatory.

The system for heating and ventilation embodies the latest principles
and is entirely adequate. By means of a filtration plant of the latest
construction and of large capacity the entire water supply of the Col-
lege and of the Hospital is filtered.

THE NEW LABORATORY BUILDING.

The College has ten large laboratories for students and seventeen
smaller private rooms for individual research. Most of these are pro-
vided for in the structure which adjoins the medical hall, and is directly
connected with it. In the basement are the boilers, engines and two
dynamos for the heating and ventilation plant, for the two elevators and
for the refrigerating apparatus which keeps the cold storage room at a
low temperature for preserving subjects without immersion in brine.
The first floor is occupied by a large laboratory of pharmacy, and a
room used for recitations and for the students' societies. The second
floor is occupied by a large laboratory of medical chemistry and toxici-
ology, a pharmacy storage room and two private rooms for research
by professors. The third floor provides a large laboratory for physi-
ology, a chemical storage room, a chemical preparation and weighing
room. The fourth floor has a large laboratory for normal histology, a
room for storage and two private rooms for pathological research. The
fifth floor has a large laboratory for pathological histology, a room for
storage and one for the demonstrator of anatomy. On the sixth floor
are the laboratory of bacteriology, the operating room and the private
research room of pathology.

All the students' laboratories are lighted by windows on three sides,
besides incandescent electric lights; have individual desks and outfits
entirely under control of the student while working. The equipment
was provided in part by funds subscribed by the Alumni. It has,
among other notable features, one hundred and fifty microscopes of the
most recent make, a complete outfit for electric lantern projection, and
one for photography, besides the microtomes, models and other appar-
atus required for thorough study.

THE HOSPITAL.

The Hospital of the Jefferson Medical College provides a wealth of
clinical material unequalled in America and seldom equaled in
Europe. It contains beds for 140 patients, which are constantly
filled, and in the out-patient departments over 338 cases are treated
daily. In the out-patient service there were treated in 1902: Surgical
Diseases, including cases in the special clinics, Gynecological, Oph-
thalmological, Laryngological, Aural, Genito-Urinary and Orthopedic,
80,523 patients; Medical Diseases, including cases in the special
clinics, Neurological, Dermatological, and for children 18,389 pa-
tients. These, and 542 obstetric cases, added to 2029 patients

10

542 patients treated in the wards, and the accident cases, make in all 104,630

11

patients treated in 1902. The grand total of the work for twenty-

4 years is 1,581,258 consultations.

During the last year 3175 accident cases were treated.

In addition to the rooms in which the classes are taught in sections,
in which they have the opportunity of examining cases and are
instructed in clinical medicine and other practical branches, there is a
large amphitheater capable of seating nearly 800 students.

THE NEW JEFFERSON HOSPITAL.

There is now in course of erection a new Hospital for the College
upon the site of the old College buildings, extended by demolishing a
number of neighboring structures. It will embody all the latest ideas
for heating, ventilation and disinfection, and provide every facility for
clinical instruction in the wards to sections of convenient size. It will
be absolutely fire-proof, six stories in height, with a basement and roof
garden. The basement will contain the power plant, X-ray room,
incinerating plant and postmortem and disinfecting rooms. The
administration office, eye department, men's receiving ward, surgical
and out-patient departments will be on the first floor, while on the second floor will be the men’s department, with a semicircular surgical ward, operating-rooms, medical ward, dining-rooms, quiet-rooms, baths, etc. The women’s department, similarly arranged, will occupy the third floor. On the fourth floor will be the children’s ward, while on the fifth there will be 29 bedrooms, drugrooms, diet kitchens, etc. The sixth floor will contain dining-rooms, private wards, storage-rooms, etc. The cost will aggregate $700,000.

THE MATERNITY DEPARTMENT.

The Maternity Department is in a separate building at 224 South Seventh Street. Here bedside instruction in Midwifery is given to each member of the graduating class. During 1902 there were 542 new obstetric cases and 400 children under treatment.

TRAINING SCHOOL FOR NURSES

In connection with the Hospital a Training School for Nurses is maintained, from which pupil nurses can be had at $10 per week by application at the Hospital.

A Nurses’ Home has been established at 226 South Seventh Street, where the nurses have commodious lodgings.

THE WOMEN’S AUXILIARY OF JEFFERSON MEDICAL COLLEGE

is composed of a committee of ladies having charge of the College Library. They raise funds to purchase books and pay the salary of the librarian, who is constantly in attendance. The library is well equipped with books of reference and text books and also the leading medical journals of this country and Europe.

Students desiring the use of the library must sign an application giving name and address and will then receive a library card. Not being a circulating library a deposit is required when books are taken out over night.

COURSE OF INSTRUCTION.

THE REGULAR LECTURES.

The regular session begins with an introductory on the evening of September 24th, at 8 o’clock.

The regular course is a graded four years’ curriculum at college. It is so arranged that the student is trained in both the fundamental and practical branches of medicine. The instruction consists of didactic lectures and recitations, laboratory work, clinical lectures, ward classes and practical demonstrations by the professors and instructors in each branch.

Didactic Lectures and Recitations are given in the Medical Hall, on Practice of Medicine, Surgery, Obstetrics, Gynecology, Materia Medica and Therapeutics, Ophthalmology, Neurology, Chemistry, Physiology, Pathology, including Post-mortem Examinations, Bacteriology, Anatomy, Medical Jurisprudence and Hygiene. Recitations are also held on Pediatrics, Genito-Urinary Diseases and Orthopedic Surgery. In the laboratories special instruction is given in Physiology, Chemistry, Pharmacy, Pathology, Morbid Anatomy, Bacteriology, Hematology, Histology and Embryology, Dissections and Major and Minor Surgery, with Bandaging.

Work in the Hospital consists in Clinics on Medicine, Surgery, Obstetrics, Gynecology, Ophthalmology, Laryngology, Dermatology, Diseases of Children, Orthopedics, Neurology, Genito-Urinary Diseases and Otolaryngology, and in small ward classes taken to the bedside or to various special dispensaries and the private operating rooms.

REQUIREMENTS FOR ADMISSION.

To be matriculated the student must exhibit to the Dean (by mail or otherwise) : First. A certificate of good moral character signed by two physicians of good standing in the State in which the applicant last resided. Second. His diploma or certificate upon which he expects to be accredited for admission to the Freshman Class or to advanced standing. If these are approved by the Dean the student pays the fee of $5; his name is registered as a student and he receives a matriculation ticket.

To be admitted to the Freshman Class the applicant must show a diploma or certificate from a reputable college granting the degree of A. B., B. S., or equivalent degree; a diploma from a normal school established by State authority or a high school of the first grade; a medical student’s certificate issued after an equivalent examination by a State Board;* a student’s certificate of examination for admission to the Freshman Class of a reputable literary or scientific college; or a certificate of his having passed an examination conducted by certified examiners appointed by the State Superintendent of Public Instruction, or by members of the Faculty of a literary college, or by the College Examination Board of the Middle States.

The examination will include:

(a) English Composition, Grammar, Rhetoric, the equivalent of two years’ work in this branch.

* The examinations by the State Examiners of Pennsylvania are held at Philadelphia and Pittsburgh June 13th, September 26th and October 9th. A schedule stating the amount of knowledge expected and the times and places of examinations can be obtained by writing to James W. Latta, Secretary, Medical Council, Harrisburg, Pa.
(b) Mathematics, including Arithmetic, Algebra and plane Geometry.

(c) Latin, the equivalent of one year's study, covering at least one book of Caesar's Commentaries or an equivalent thereof.

(d) Elementary Physics.

(e) United States History.

(f) Three additional branches of the student's choice (each one to be an equivalent of a year's work) selected from the following: General History, Civics, English Literature, German, French, Latin (Caesar, Virgil or Cicero), Physiology, Botany, Zoology, Chemistry, Physical Geography.

In place of any part of this examination, official certificates will be accepted from the above described schools. If the student should fail to pass in two-fifths of the branches of the examination, he will be admitted with the condition that he make up his deficiencies before entering the Sophomore Class. Instruction in the conditioned branches can be obtained from competent teachers in Philadelphia for a small fee, and examinations will be held by official examiners at convenient times. In physics and chemistry instruction and examinations are given during the freshman year at the College. The preliminary examination is not held by any person connected with this College.

RULES FOR ADMISSION TO ADVANCED STANDING.

College graduates in Arts or Science, who during their college course have devoted the stated number of hours to the study of the following branches, or equivalent subjects bearing upon the science of medicine, and have passed examinations in them: Anatomy, Human and Mammalian, 288 hours; Biological Sciences, including Histology and Embryology, 210 hours; Chemistry, 210 hours; Physics, 210 hours; Physiology and Zoology, 140 hours, are admitted to the Sophomore Class under the following conditions: During this year they must take Materia Medica and Pharmacy (including the laboratory work) and at the end of the year be examined in them. At the end of the sophomore year they must also have completed the dissection of the entire human body and be examined in the entire subjects of Anatomy and Physiology. They have the option of taking freshman Anatomy and Physiology at the end of their sophomore year, and their sophomore-year Anatomy and Physiology at the end of their junior year. There will be no charge to this class of students for dissections in their junior year.

FROM OTHER MEDICAL COLLEGES.

Every applicant for advanced standing, including graduates of medicine, will be required to present credentials from an accredited medical college, showing “passed cards” and satisfactory attendance upon courses equivalent to those already attended by the class to which he seeks admission. If he has passed in the majority of branches he may make up his deficiencies on admission, or be received under “conditions,” in the minority of branches, which he must be clear of when the session closes.

MEDICAL POST-GRADUATES.

Graduates in Medicine desiring to take the work of the senior year, without being candidates for the degree, and therefore without examination, may receive a certificate of attendance, on completing the full course satisfactorily.

GRADUATES OF PHARMACY.

Graduates of recognized Colleges of Pharmacy will be given credit for the work which they have done in inorganic Chemistry, Materia Medica and Pharmacy, and will be excused from the lectures, laboratory work and recitations upon these subjects in the freshman year. The fee for the freshman year to Graduates of Pharmacy will be $130.

CLASS PROMOTIONS AND CONDITIONS.

In order to advance with his class to a higher grade, or be eligible for the October examination on conditioned branches, a student must have passed the majority of the required examinations of the year when the session closes. If he does not pass the remainder at the examination in October he may continue with his class as a conditioned student for that one session only, and must be free of conditions when the session closes. If he does not get clear of these conditions by the end of the session, he must repeat the year's work.

No student may become a conditioned or unconditioned member of the Sophomore Class unless he has passed at least the majority of the required examinations of the freshman year when that year closes; nor of the Junior Class unless he has passed all the freshman examinations and in addition a majority of those of the sophomore year when that year closes, and of the Senior Class unless he has passed all of the freshman and sophomore branches and a majority of the junior year when that year closes.
EXAMINATION FOR THE DOCTORATE.*

The examination for the Degree of Doctor of Medicine is held at the close of the term of lectures. It will be conducted by the Faculty—each Professor in his own branch—and will be written, or both oral and written. Students failing to reach, in all the branches, the standard required for the degree, may be credited with having passed on those branches in which they have acquired the requisite average, and will not be required to stand an examination on these branches at a second examination, should they re-enter the college. They are required to repeat the studies in which they have failed to pass. Candidates for the Degree of Doctor of Medicine who have failed to pass all the branches required at two annual examinations will be required, if they stand for a third, to take an examination in all the branches of the entire course. The presentation of a Thesis is not required, unless in competition for a prize. The candidates are examined in turn upon the subjects of the final year, given on page 32.

The candidate for the degree of Doctor of Medicine must present a certificate of good moral character, and be at least twenty-one years of age. He must show that he has attended four courses of medical lectures. The degrees of Bachelors of Arts and Science obtained after preparatory medical studies, will be accepted as the first year of medical study, under conditions stated on page 14. He must have attended at least the final year in the College as a graded student of that year.

Students who fail in the required final examinations in more than two branches may be re-examined Wednesday, November 4th, 1903. The successful candidates will receive their diplomas at the Commencement in May, 1904. Meantime they will receive certificates stating that they have passed their examinations and that their diplomas will be conferred at the time stated. This will enable them to come before the State Board of Medical Examiners of Pennsylvania, and if successful to enter upon practice immediately.

ANNUAL LIMITATION OF RULES AND FEES.

All the above rules, as well as the fees stated below, relate to the year ending June 1st, 1904, only. The right is reserved to make changes in the curriculum, rules of examination, the corps of instructors and all the regulations whenever the College authorities deem it expedient.

*To secure recognition by the Examining Boards of the Royal College of Physicians and the Royal College of Surgeons, London, and the Triple Qualification of the Royal College of Physicians and Surgeons of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow, the graduate of Jefferson Medical College must first have passed a recognized examination in Arts before commencing his professional studies. He must show certificates of preliminary education, of five years of professional study, four of which must have been in this College, or one of equal rank, and exhibit his diploma from this College. The address of the Secretary is Frederick G. Hallett, M. L., Examination Hall, Victoria Embankment, London, W. C., England.

Students will be entitled to receive the instruction of the College at the current rates in force at the time of their first full course of lectures in this institution for the four consecutive years immediately following:

FEES.

Matriculation, paid once ........................... $5.00

Freshman Year.

Full Course, including Laboratory Work and Dissection .... $180.00
Use of Anatomical Material, per part ..................... 1.50

Sophomore Year.

Full Course, including Laboratories, Dissection and Clinics, $180.00
Use of Anatomical Material, per part ..................... 1.50

Junior Year.

Full Course, including Laboratory Work and Clinics ..... $180.00
Use of Operative Surgery Material ........................ 1.00

If dissections are taken in this year a fee of $10 is required.

Senior Year.

Full Course ............................................. $180.00
If dissections are taken in this year a fee of $10 is required.

The annual fee is due and payable before October 1st. To secure the tuition at this rate the whole amount, $180, must be paid at the Dean’s office before November 1st. If the whole fee is not paid by November 1st the annual fee paid on or after that date will be $185 for that year. Of this $185, at least $95 must be paid before November 1st, and the $90 additional before February 1st. The entire indebtedness of a student must be paid before any examination can be taken.

Fees are not returnable or transferable; promissory notes are under no circumstances accepted as payment; and no ticket is issued until full payment for the same has been made. Students are advised to pay fees by check for the exact amount. Remittances for other expenses are best made by postal money orders, or notes sent by express. The College will not endorse checks for private expenses.

A deposit of $10 is required of all students before their names are entered on the official lists for laboratory work at the College or section work at the Hospital. This deposit will be returned at the close of the session, less the amount charged against it for breakage, for cost of materials, unpaid fees and locker. This deposit must be paid before October 1st.

DISCIPLINE AND GOOD ORDER.

The Faculty will, as heretofore, expect all students to observe the principles of good conduct and order in the course of their connection with the College; and the Faculty will deal with infractions of these requirements by such penalties, including expulsion, as they may, subject to the general power of the Trustees, deem just.
THE TRUSTEES' SCHOLARSHIPS.

The Trustees of the Jefferson Medical College have given to the Board of Education of Philadelphia two free scholarships in the College during each period of four years.

These scholarships are open to the members of the graduating classes in the year of graduation in the Boys' Central High School or the Manual Training Schools of Philadelphia who shall have the requisite qualifications for admission.

One of these scholarships was awarded in October, 1901, and the next will be in September, 1904. The award is to be made by the committee on scholarships of the Board of Public Education, subject to confirmation by the Board.

THE FRANCIS W. SHAIN SCHOLARSHIPS.

By a bequest of Francis W. Shain, M.D., two scholarships have been created, open to white male graduates of the Boys' Central High School or any of the Manual Training Schools of Philadelphia. Applicants must register with the Dean their names, addresses and certificates of graduation on or before September 10th of the year of graduation.

One of these scholarships will be awarded by competitive examination in 1903 on September 23rd, at 10 o'clock a.m. The examination will be on the following-named branches of study, viz.: English Composition (an essay of about three hundred words on a given subject), Higher Grammar, English Literature, Arithmetic, Algebra, Physics and Chemistry; any two of the three following-named languages at the election of the applicants, viz.: Latin, French, German.

The examination may be oral or written; the character and scope of the questions shall be such as will cover the respective branches of study to the extent to which they are taught in the best class of high schools having a four years' course of study.

CLINICAL INSTRUCTION.

Clinical teaching has always been an important feature of this College, in which, indeed, systematic clinical methods were first inaugurated in this country.

CLINICAL MEDICINE.

The Medical Clinics are held by Professors Wilson or Hare twice a week.

Bedside instruction in Clinical Medicine is also given by Professors Wilson and Hare or their assistants daily at the Hospital to two small sections of the class. The course is illustrated by the ample material of the wards and daily clinic. Each student is thus made familiar with practical medicine. The success attending this method of instruction at previous sessions encourages the hope of the best results from its continuance. Practical instruction in Physical Diagnosis is given to the students of the second and third years at the Jefferson and the Philadelphia Hospitals in sections by the Demonstrators of Clinical Medicine.

CLINICAL SURGERY.

The General Surgical Clinic of the Jefferson Hospital is held by Professors Keen, Hearn or Da Costa twice a week. Professor Forbes will give from time to time special clinics upon the surgery of the bladder and prostate gland and the removal of vesical calculi. Instruction is also given in the Surgical Dispensary and in the ward classes by Professor Hearn and by Drs. George W. Spencer, Francis T. Stewart, Joseph Coles Brick, William J. Roe, T. J. Buchanan and J. W. MacIntosh. Professors Da Costa, Hearn and Horwitz also give instruction in Clinical Surgery in the clinics of the Philadelphia Hospital.

CLINICAL OBSTETRICS.

Obstetric clinics are given to the class in sections at the Maternity Department of the Jefferson Hospital, 224 South Seventh Street, by Professor Davis and the Clinical Lecturer, Dr. Stricker Coles. In addition, members of the Graduating Class are summoned to witness confinements, and are given practical instruction in obstetrics. Students are also taken to out-patient confinements by the Staff of the Maternity. Professor Davis gives an Obstetric Clinic at the Philadelphia Hospital once weekly during a portion of the term. The Out-Patient Department, under the charge of Dr. W. H. Wells, Demonstrator of Clinical Obstetrics, enables the graduating class to obtain practical experience in the houses of patients.

CLINICAL GYNECOLOGY.

The course in Clinical Gynecology consists in the General Gynecological Clinic by Professor Montgomery and in attendance upon operations and examinations in the Private Operating Room. In addition there is instruction in the wards or in the out-patient department by the demonstrator and the assistant demonstrators.

CLINICAL DERMATOLOGY.

The teaching in Clinical Dermatology consists in a weekly clinic by Professor Stelwagon, and instruction in the out-patient department by the Chief of the Clinic and his assistants.

CLINICAL ORTHOPEDICS.

The course in Clinical Orthopedic Surgery is composed of a weekly clinic, a weekly recitation for half the session by Professor H. Augustus Wilson and instruction to small sections of the class by the professor and the demonstrator in the out-patient department.
CLINICAL PEDIATRICS.

In addition to the general clinic on Children's Diseases by Professor Graham there is instruction in the out-patient department in this branch.

CLINICAL NEUROLOGY.

Professor Dercum gives a weekly clinic on Nervous Diseases and instruction in Neurology and Insanity is given in the out-patient department or in the wards of the Philadelphia Hospital, which, in addition to its department for nervous diseases, has a large Insane Department. Instruction will be given to the class in sections in the electrotherapeutics of nervous disorders.

GENITO-URINARY DISEASES.

Instruction in this branch is given by Professor Horwitz in the Jefferson Hospital and at the Philadelphia Hospital.

CLINICAL OPHTHALMOLOGY.

The Ophthalmological Clinics will be held once a week at the Hospital by Professor Hansell. Practical instruction in Diseases of the Eye, Ophthalmoscopy and Refraction will be given to fourth-year students in sections by the professor or his assistants, and demonstrations upon animals' eyes by the demonstrator.

CLINICAL LARYNGOLOGY AND RHINOLOGY.

Professors Cohen, Jones and Kyle give a clinic on these subjects, and instruction is given to the class in small sections by the Chief of the Clinic and the assistants.

CLINICAL OTOLOGY.

The course of Otology consists of clinical lectures by Professor S. MacCuen Smith and instruction in the treatment of diseases of the ear in the out-patient department.

ADDITIONAL HOSPITAL-TEACHING FACILITIES.

In addition to the facilities for clinical instruction afforded by the large and varied service of the Jefferson Medical College Hospital, the following hospitals provide opportunities for teaching by the various members of the Staff of the College:

The Pennsylvania Hospital is situated in the vicinity of the College. The field for instruction in acute diseases and surgical injuries is very large. The students of Jefferson College, by reason of the proximity of the College to the Hospital and its immense resources for the illustration of all forms of diseases and accidents, have peculiar advantages. Professor J. C. Wilson is a member of the Staff. Clinical lectures are delivered in the amphitheater by members of the Staff.

The Philadelphia Hospital.—This extensive Hospital of 1300 beds presents a large number and variety of cases for clinical instruction. A number of the Faculty and Instructors of Jefferson Medical College are members of the Staff of this institution and utilize their wards and clinics for the daily instruction of the students of the Jefferson College. Professor Coplin and Drs. Prince and Ellis are on the Pathological Staff, Professor Stelwagon on the Dermatological Staff, Professor Dercum on the Neurological Staff, Professors Da Costa, Hearn and Horwitz on the Surgical Staff, Dr. S. Solis-Cohen, on the Medical Staff, Professor Davis and Dr. J. M. Fisher on the Obstetrical and Gynecological Staff, Professor H. Augustus Wilson on the Orthopedical Staff and Professor E. E. Graham on the Pediatric Staff. Dr. Rosenberger is Bacteriologist.

St. Joseph's Hospital.—Professor Montgomery is Gynecologist to this Hospital, Professor J. Chalmers Da Costa is Consulting Surgeon, Drs. Krusen and Maier are Assistant Gynecologists and Dr. Rosenberger is Pathologist. Their classes will have the benefit of their practice there.

German Hospital.—The Staff of this important Hospital have now made arrangements for clinical teaching, in which the resources of this excellent institution are utilized to the fullest extent. Professor J. C. Wilson is Physician-in-Chief. A clinical Amphitheater, with ample seating capacity, has been recently erected.

Wills Eye Hospital.—This well-known and extensive Hospital is within a convenient distance of the College, and daily clinics are held there.

The Municipal Hospital.—In this institution none but contagious diseases are received. Such third year students as desire it will have opportunities to study the contagious diseases at the bedside.

In all, Philadelphia has 20 hospitals, 9 dispensaries and 38 other charitable institutions with which infirmaries are connected. Almost every special branch of medicine and surgery has its distinct institution, as the Dispensary for Diseases of the Skin, Children's Hospital and others. Graduates and advanced students desiring to pursue any special branch of medical science have, therefore, ample opportunities afforded them in these various hospitals.

Spring and Summer Courses.—The facilities of the College Laboratories and Hospital clinics will be afforded to practitioners of medicine and undergraduates of this College by the Faculty and instructors during the spring and summer. For particulars, application should be made to the Dean.

LABORATORY COURSES.

The laboratory courses are as follows, and are obligatory. Each student, on completing a laboratory course, must have his ticket countersigned by the instructor or demonstrator in that branch.
THE LABORATORY OF PRACTICAL CHEMISTRY.

The Laboratory for Medical Chemistry and Toxicology is under the supervision of the Professor of Chemistry, aided by the Demonstrator and his assistant. Each student, during his course, has assigned to him a table, with full reagent sets and apparatus.

The instruction here given is in harmony with the chemical lectures of the winter session, and is 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 will be useful in his subsequent practice.

The course of the freshman year consists of:

1. Manipulations, in which each student himself performs various experiments, shown and explained by the Professor of Chemistry in his regular lectures previous to the holidays. These include Acidimetry and Alkalimetry.

2. Toxicology, especially adapted to the wants of the medical practitioner. This includes an extensive range of testing for the various poisons, mineral and organic, commonly met with in practice, and concludes with a practical examination of samples of vomited matters of unknown composition.

The course of the sophomore year includes the Examination of Normal and Abnormal Products of the human body, in the diagnosis of diseases. The practical Chemistry of the Bile and the Blood, the most approved methods of examining Urine, the Gastric Contents, and Milk, are performed by each student according to the principles taught by the Professor of Chemistry. At the close of this course each of the students make a diagnostic examination of a sample of urine of an unknown composition.

THE LABORATORIES OF PHARMACY, MATERIA MEDICA AND EXPERIMENTAL THERAPEUTICS.

The Laboratory of Pharmacy, Materia Medica and Experimental Therapeutics contains a complete cabinet of materia medica preparations, finished products, digestive ferments and active principles for study by each pupil. The room is equipped for pharmaceutical instruction, and a systematic course in pharmacy and prescription writing is given. The laboratory is provided with instruments and appliances for special researches in the physiological action of remedies. Members of the class who desire to carry on original research in experimental therapeutics will be assigned remedies for studies, under the direction of the Professor and his assistants. A number of valuable special researches have been made by members of the class and published from time to time as original contributions to knowledge.

In the course on Pharmacy each student performs the necessary manipulations and makes in turn the various preparations.

THE LABORATORY OF PHYSIOLOGY.

This Laboratory is well equipped with apparatus for the illustration of the subjects of Physiological Physics, such as the explanation of the metric system, the demonstration of the theory of the balance methods of obtaining specific gravity, the arranging of galvanic batteries, galvanometers, chronographic apparatus, methods of analysis of food and gases. Also with apparatus for the demonstration of the essential phenomena of nutrition, digestion, absorption, circulation, respiration, excretion, the functions of the nervous system, the reproductive apparatus and development of the embryo.

THE STUDENTS' NEW LABORATORY OF PHYSIOLOGY.

The Students' new Laboratory of Physiology was opened in the fall of 1899 with an outfit presented by a member of the Board of Trustees, and has been in successful operation during four sessions. The outfit includes appropriate apparatus for the study of fundamental facts in physiological chemistry, apparatus for the study of the physiological mechanism of the heart, nerves, muscles, spinal cord, etc. The equipment is such that sections of fifty students can work at the same time, each student being provided with all necessary apparatus—e.g., kymograph, induction coil, keys, moist chamber, electrodes, rheocord, commutators, time markers, levers, test solutions, etc., etc. In the course of two years the student will perform a large number of the cardinal experiments in physiology relating to the above mentioned subjects.

THE LABORATORY OF MORBID ANATOMY.

This Laboratory contains a complete collection of specimens illustrating the course in special and general pathology. The student has demonstrated to him, by the Demonstrator and his assistants, the various organs and tissues in the body, showing the morbid conditions to which each organ is subject. While the collection of tumors, diseased organs, etc., belonging to the laboratory, is believed to be quite complete, the large general museum can be drawn upon whenever necessary. The post-mortems at the Jefferson Medical College Hospital supply abundant material for the demonstration of fresh specimens. There has been installed a complete macroprojection outfit by means of which the slides prepared for and by the class can be demonstrated to a large section. An elaborate macroprojection outfit is at present in course of installation and will be in use during the coming term.

Post-mortems.—The class, divided into sections, is given detailed instruction in the method of conducting post-mortems and the examination of fresh specimens.

The Bureau of Charities and Corrections of the City of Philadelphia have made available for teaching purposes, the Museum of the Philadelphia Hospital, containing a splendid accumulation of specimens, the
result of many years' collection. In addition, the class is now admitted to post-mortem. Professor Coplin is the Senior Pathologist; Drs. Prince and Ellis are his assistants.

Arrangements have been completed by which sections of the class are taken weekly for post-mortem instruction and study of the material in the museum.

THE LABORATORIES OF THE JEFFERSON MEDICAL COLLEGE HOSPITAL.

A description of these laboratories will be found on page 10.

Each student working in any of the laboratories of this department makes a deposit to cover breakage, but such deposit does not cover all injuries to the microscope supplied him.

The facilities for post-graduate teaching in the laboratories of the Hospital are believed to be unexcelled. Such teaching is conducted at hours not interfering with the undergraduate teaching and constitutes individual instruction. Spring and summer courses are given.

THE LABORATORY OF NORMAL HISTOLOGY AND EMBRYOLOGY.—This Laboratory is on the fifth floor of the new Laboratory building. The instruction in Normal Histology embraces the manner of using the microscope, the preparation of tissue, the cutting, staining and mounting of sections, and demonstrations of the minute or microscopical anatomy of the various tissues and organs. The class is divided into sections of fifty, and each student is supplied with a microscope, a desk, and all reagents necessary for the pursuit of his studies. As the sections which he mounts are his after the completion of the course, the student is only expected to supply or replace what he takes away, also his needles, forceps, etc., which are usually in his anatomical dissecting set. The collection of slides made by the student in this course will be valuable for future reference.

THE LABORATORY OF EMBRYOLOGY.—The instruction in this department is given in connection with the course in Practical Histology. The technic of embryologic methods is taught by the preparation of sections, the examination of embryos, particularly of the chick, by elaborate lantern demonstration and from accurate but greatly enlarged wax models especially imported for the department. The course is essential for students desiring familiarity with the normal process of development—the intrauterine growth of the embryo, the formation of the placenta, etc.—and the errors in developmental processes that end in the production of malformations.

THE LABORATORY OF MORbid HISTOLOGY.—This Laboratory occupies the fourth story of the new Laboratory building. The regular undergraduate instruction in this department consists in the sectioning, mounting and study under the microscope of diseased tissues. The course embraces the examination of the urine and other fluids, excre-

tions and pathological exudates. Each student is supplied with microscope, desk, and all needed reagents for the work. The student supplies his own slides and cover glasses and the few trifling instruments used in the mounting, such as needles, forceps, etc., which are usually in his anatomical dissecting case. When the course is completed the mounted specimens are the property of the student, and in this way he is enabled to secure a collection of typical slides invaluable for future reference. A dark room is set apart for special work on photomicrography, for which a most elaborate and complete outfit is at command. Students or post-graduates, desiring to pursue any special line of research can find facilities afforded.

THE LABORATORY OF BACTERIOLOGY.—This Laboratory occupies the sixth floor of the new Laboratory building, above the noise and dirt of the city streets. The equipment is complete in every detail, all microscopes, microtomes, incubators, serum apparatus and other accessories for the study of bacteria are available. A large collection of pathogenic and other bacteria is constantly on hand, and a comprehensive course is given in practical bacteriology, including methods of studying bacteria, identification of the pathogenic forms, disinfection, etc. The course includes bacteriologic examination of normal and abnormal discharges, such as urine and sputum, and also pathologic exudates. As in the other laboratories, each student has his own desk, with lock and key. Adjoining the laboratory is a room where diseased animals may be kept under observation. The student is supplied with all reagents for his work, but supplies for himself forceps, needles, scissors, etc., his dissecting set usually containing the needed instruments. The slides mounted belong to the student, and he may in this way secure a collection of stained bacteria valuable for future reference.

THE COURSE IN HEMATOLOGY.—During the course in Bacteriology the student is given practical instruction in Hematology, including various clinical methods for the examination of the blood. Dr. Kalt-eyer, who conducts the course in Hematology, is Hematologist to the Jefferson Medical College Hospital, from which an abundance of material for the study of morbid conditions can be obtained.

PRACTICAL ANATOMY.

The rooms are spacious and provided with every convenience. They are open during the winter session daily.

The course in Anatomy will begin with the dissection of lower animals. The entire freshman class, in sections, will dissect this material before beginning the dissection of the human cadaver.

The material is furnished at $1.50 per part, and no extra or inci-

dental charges are made.
Under the operation of the Anatomical Act the supply of material has much increased and is now ample.

The methods are such as to render the teaching of Anatomy efficient. No lectures are given by the Demonstrators, but their duties are confined to directing the work of the students, and their work has three special features:

1. The demonstration of the bone, ligaments and joints to the students beginning anatomical study.

2. The demonstration on the cadaver, as the students proceed in their dissection. Examination of each student on the anatomy of the part he has dissected is made weekly, and his status is recorded at the time.

3. Weekly, during the entire session, demonstrators are detailed to hold demonstrations and recitations on special parts and organs.

Report is made to the Professor of each student's work.

With a view to introduce students properly to the study of Practical Anatomy before beginning dissections, each student, with the material in his hands, under the direction of the Demonstrators, acquires the necessary elementary knowledge of the skeleton and its articulations.

The bones and joints are demonstrated and loose bones issued to each student, which he may take to his room for more deliberate study and upon which recitations are held.

Systematic demonstrations on the cadaver are made to aid the dissections of the students. Careful supervision is had of the work of the students as they proceed in their dissections, to insure thorough acquisition of anatomical knowledge and recitations are held over the dissected body.

The Professor of Anatomy holds recitations over the dead body weekly.

VISCERAL ANATOMY.

Heretofore this important subject has been taught to advanced students only, but the demands of the departments of Physiology, Histology, and Embryology, as well as the importance of an accurate knowledge of the gross anatomy and relations of the viscera, have led to the inauguration of a course in visceral anatomy given in the freshman year. The instruction is conducted by a demonstrator, under the supervision of the Professor of Anatomy, and consists of practical demonstrations to sections of the class, taking up all the important viscera, their gross anatomy, relations and developmental origin; in this way the student is prepared to appreciate the instruction given in other departments and receives a course introductory to the work of the sophomore year.

OPERATIVE Obstetrics.

The Demonstrator of Obstetrics, under the supervision of the Professor, will review with the students in each section the anatomy of the birth canal and of the fetus. He will further instruct them in the diagnosis of the presentations and positions of pregnancy, with the modes of rectifying errors and accomplishing delivery by manual and instrumental means. Models, diagrams, and the manikin will be used.

THE LABORATORIES OF OPERATIVE, AND MINOR SURGERY AND BANDAGING.

These departments are in charge of the Demonstrators of Surgery and of Fractures and Dislocations and the Instructer in Bandaging and their assistants, under the direction of the Professors of Surgery.

Students of the freshman year are taught the proper methods of applying all bandages, including the handkerchief system of Mayor, and the fixed bandages, together with the plaster-of-Paris, silicate of sodium and starch bandages.

Students of the junior year are carefully instructed in the use of fracture dressings, which they are individually required to apply, and the manual for the reduction of dislocations.

Each student is taught the use of the hypodermic syringe, the proper method of passing the catheter, of performing intravenous injection, the application of tourniquets, etc.

The members of each section of the junior class are required to perform on the cadaver amputations, resections, ligations of arteries, trephining, tracheotomy, nerve resections, perineal section, and the various operations of abdominal and genito-urinary surgery.

Before an operation is performed, the Demonstrator carefully instructs the student in the surgical anatomy of the part, in the management of instruments, the surgical dressings and the proper methods of operating.

HYGIENE.

The course in Hygiene is so arranged that the student receives, by didactic and practical instruction, definite ideas regarding the laws of growth, development and physiological activity of the body; the correction of deformities and the prevention of disease through measures relating to physical exercise, diet, clothing, bathing, etc.; the prevention of disease by the sanitary arrangement of the dwelling, including water supply, drainage, ventilation, heating, etc., as well as the water supply and drainage of communities.

CLINICAL MICROSCOPY.

The course in Clinical Microscopy is under the direct supervision of the Professor of Pathology. The course is now conducted in connection with the laboratory work in morbid histology and will include the examination of sputum, pus, blood, including the counting of blood-corpuscles and the estimation of hemoglobin, etc., also a course in Urinary Microscopy.
RECICTIONS BY PROFESSORS AND INSTRUCTORS.

Systematic recitations constitute an important part of the instruction, and are provided without charge in connection with the regular teaching of the respective chairs. No other recitations are officially endorsed by the Faculty.

The recitations are conducted as follows:

Physiology.—By Professors Chapman and Brubaker.
Surgery.—By Professors Brinton and Da Costa and Dr. George W. Spencer.
Chemistry.—By Professor Holland.
Anatomy.—By Professor Forbes and the demonstrators.
Therapeutics.—By Professor Hare and Drs. Thornton, Appleman and Kennedy.
Practice of Medicine.—By Professor J. C. Wilson and Drs. Da Costa and Kalteyer.
Gynecology.—By Professor Montgomery and the demonstrators.
Pathology.—By Professor Coplin and assistants.
Ophthalmology.—By Professor Hansell and Dr. Veasey.
Obstetrics.—By Professor Davis and assistants.
Histology.—By the Demonstrator and his assistants.
Bacteriology.—By Dr. Rosenberger.
Laryngology.—By Professors Jones and Kyle.
Dermatology.—By Professor Stelwagon and Dr. E. J. Stout.
Orthopedic Surgery.—By Professor H. Augustus Wilson and Dr. J. T. Rugh.
Pediatrics.—By Professor Graham.
Neurology.—By Professor Dercum.
Otology.—By Professors Smith and Drs. Klepp and Hoopes.
Genito-Urinary Surgery.—By Professor Horwitz.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE.*

The graded curriculum is arranged as follows:

FRESHMAN YEAR.

Anatomy.—One lecture, ten hours of dissection, three demonstrations in Osteology, three demonstrations in Syndesmology per week, and three in Visceral Anatomy, with recitations.

Normal Histology.—One recitation per week throughout the term, and eighteen hours' laboratory instruction per week part of the term.
Bacteriology.—One recitation per week throughout the term. The latter part of this course is devoted to animal parasites.

Physiology.—One lecture per week and four hours of laboratory instruction per week for a period of six weeks.

General Chemistry and Toxicology.—Two lectures, two recitations and six hours of laboratory instruction per week one-fourth of the term.

Materia Medica and Pharmacy.—Two hours of laboratory work and a recitation per week for the session.

Bandaging.—Four hours of practical instruction per week for part of the term.

Embryology.—Practical instruction six hours per week for part of the term.

Examinations will be held at the close of the term in Anatomy (Osteology, Syndesmology, Myology), Normal Histology and Elementary Bacteriology, Embryology, Physiology (Digestion, Absorption, Circulation, Animal Heat, Respiration and Excretion), General Chemistry and Toxicology, Materia Medica and Pharmacy and Bandaging.

No student can advance to the sophomore class unless he has passed the required examinations or a majority of them. He can be conditioned in the minority until the closing examination of the sophomore year. If he should fail then he must repeat his year's work.

SOPHOMORE YEAR.

Anatomy.—Three lectures, ten hours' dissection per week and recitations over cadaver weekly for half the term.

General Pathology.—Two lectures and one recitation per week.

Hygiene.—One lecture per week.

Pathological Histology.—Seventeen hours of laboratory work and recitations per week part of the term.

Physiology.—Two lectures per week and four hours of laboratory instruction per week for a period of six weeks.

Medical Chemistry.—One lecture and one recitation per week and twelve hours' laboratory instruction in Clinical Chemistry per week one-fourth of the term.

Therapeutics.—Two lectures per week.

Principles of Surgery.—Two lectures per week, with recitations.

*Subject to change.
Symptomatology and Physical Diagnosis. — One lecture per week.

Medical Jurisprudence. — Two lectures per week in the latter half of term.

Examinations will be held at the close of the term in Anatomy, General Pathology and Pathological Histology, Physiology (Nervous System, Special Senses, Reproduction), Medical Jurisprudence, Medical Chemistry, the part of Surgery taught this year, and Symptomatology and Physical Diagnosis.

No student can advance to the junior class unless he has passed all the freshman examinations and a majority of those of the sophomore year. He can be conditioned in the minority until the closing examinations of the junior year. If he should fail then he must repeat his year's work.

JUNIOR YEAR.

Pathology. — Two lectures and one recitation per week.

Bacteriology. — Thirteen hours per week for part of the term.

Morbid Anatomy. — Six hours per week for part of the term. This course includes instruction in post-mortem, given to the class in sections. The instruction in neuro-pathology is given in connection with this course.

Obstetrics. — Two lectures per week.

Operative Obstetrics. — Two demonstrations per week.

Therapeutics. — Two lectures per week.

Surgery. — Two lectures and one hour of class examination per week.

Clinical Surgery. — Two clinics of two hours each per week.

Operative Surgery. — Six hours per week for part of the term.

Fracture Dressings. — Three demonstrations per week for part of the term.

Practice of Medicine. — Three lectures and two hours of class examination per week.

Hematology. — Three hours per week for part of the term.

Clinical Medicine. — Two clinics per week.

Symptomatology and Physical Diagnosis. — One bedside demonstration per week.

Gynecology. — One recitation per week on Symptomatology and Diagnosis for the first half of the year.

Examinations will be held at the close of the term in the Practice of Medicine, Pathology and Bacteriology, Obstetrics, including Operative Obstetrics, Therapeutics, Surgery (Fractures, Dislocations, Hernia,


No student can advance to the senior class unless he has passed all the freshman and sophomore examinations and a majority of those of the junior year. He can be conditioned in the minority until the closing examinations of the senior year.

SENIOR YEAR.

Special Therapeutics. — One lecture or recitation per week.

Electro-Therapeutics. — Section work.

Gynecology. — One clinical lecture; one recitation or lecture and one hour section instruction per week.

Obstetrics. — Two obstetric clinics and one didactic lecture weekly, bedside demonstration and attendance upon cases.

Special Surgery. — One lecture per week and one hour of recitation every other week.

Clinical Surgery. — Two clinical lectures of two hours and one hour of bedside instruction every week.

Practice of Medicine. — Three lectures per week and two hours of bedside instruction per week.

Clinical Ophthalmology. — One clinic and one hour of practical instruction per week.

Clinical Laryngology. — One clinic per week and eight hours of practical instruction.

Clinical Otology. — One clinic per week and eight hours of practical instruction.

Clinical Orthopedics. — One clinic per week, eight hours of practical instruction and one recitation per week for half of the session.

Clinical Pediatrics. — One clinic per week and eight hours of practical instruction.

Clinical Dermatology. — One clinic per week and eight hours of practical instruction.

Clinical Neurology. — One clinic per week and eight hours of practical instruction.

Clinical Genito-Urinary Diseases. — One clinic per week and eight hours of practical instruction.
Attendance upon the special clinics, ward classes and demonstrations must be certified by the Instructor of each branch.

General Clinics, Medical and Surgical, at the Pennsylvania and Philadelphia Hospitals.

Final Examinations will be held at the close of the term in Therapeutics (including Climate, Baths, Diet, Electro-Therapeutics), Gynecology, Clinical Obstetrics, Practice of Medicine (beside general medicine, this examination will include questions given by the clinical Professors of Dermatology and Pediatrics), Neurology, Surgery (in addition to the questions in the parts of Surgery not covered by the third-year examinations, there will be included questions given by the clinical Professors of Orthopedics, Genito-Urinary Diseases, Laryngology, Otology and Ophthalmology). See also examinations for the doctorate, p. 16.

HOSPITAL APPOINTMENTS.

Every year six Resident Physicians to the College Hospital and six substitutes are appointed from the graduating class. These are chosen from among the graduates attaining 80 per cent. and over. Seven Resident Physicians and seven alternates to the Philadelphia Hospital are selected from the graduates of this College after passing the civil service examination by the Directors of Charities. At the other hospitals over 80 resident appointments are made annually, for the most part by competition, open to graduates in medicine. The Faculty has appointed a committee to collect definite information that will facilitate the securing of appointment for our graduates to positions as Resident Physicians in the various hospitals in this country. The committee will be glad to receive any information from former Resident Physicians and others that will aid its organized efforts, and will be pleased to assist applicants for such positions. The committee is composed of Prof. James C. Wilson, Chairman; Dr. Joseph S. Neff, Medical Director of Hospital; Prof. E. E. Montgomery, and Dr. J. T. Rugh, Secretary.

STUDENTS' MEDICAL SOCIETIES.

Members of different classes have organized the Hare, Keen, Wilson, Forbes, Davis, Chapman, Coplin, Dercum, Montgomery and Horwitz Medical Societies. The Academy is a society composed of students who hold college degrees from recognized literary institutions. Meetings are held twice a month for consideration of essays on Therapeutics, Surgery, Practice of Medicine, Anatomy, Obstetrics, Physiology and Pathology.

The meetings are held in the students' society rooms.

PRIZES

The following prizes are offered to the graduates of the Jefferson Medical College, to be conferred at the Annual Commencement in 1904:

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professor of Medicine to the graduate in his opinion most worthy.

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professors of Surgery to the graduate in their opinion most worthy.

Physiology Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on the best Examination on a subject pertaining to Physiology (open to undergraduates of the second year).

Practice Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on a subject pertaining to the Practice of Medicine.

Therapeutics Prize. A Gold Medal, for the best Examination in Therapeutics.

Surgery Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on a subject pertaining to Surgery.

Obstetrical Prize. A Gold Medal, for General Excellence in Obstetrics.

Chemical Prize. A Gold Medal, for the best Original Work in the Chemical Laboratory (open for undergraduates).

Anatomy Prize. A Gold Medal, for the best Anatomical Preparation (open to undergraduates).

Pathology Prize. A Gold Medal, for the best Essay embodying original research on some subject connected with Pathology, or for best Examination.

Gynecology Prize. By Professor Montgomery, a Gold Medal, for the best Examination in Gynecology.

Neurology Prize. By Professor Dercum, a Gold Medal, for the best examination in Neurology.

Demonstrator of Anatomy Prize. By Dr. Addisell Hewson, a Pocket Case of Instruments, for the best Record of Anomalies made in the dissection-room.

Clinical Orthopedics Prize. By Professor H. Augustus Wilson, Twenty-five Dollars, for the best Examination in Orthopedic Surgery.

Clinical Pediatrics Prize. By Professor Graham, Twenty-five Dollars, for the best Report on his Clinics.

Clinical Genito-Urinary Prize. By Professor Horwitz, Twenty-five Dollars, for the best Examination in Genito-Urinary Surgery.

Clinical Obstetrics Prize. By Professor Davis, Twenty-five Dollars, for the best Report of his Clinics.


Clinical Oto-Rhino-Laryngology Prize. By Professor S. MacCuen Smith, Twenty-five Dollars, for the best Examination in Oto-Rhino-Laryngology.

Clinical Dermatology Prize. By Professor Stelwagon, Twenty-five Dollars, for the best Examination in Dermatology.

Clinical Laryngology Prize. By Professor Kyle, Twenty-five Dollars for the best Original Essay on a subject pertaining to Laryngology and Rhinology.

Clinical Laryngology Prize. By Professor Jones, Twenty-five Dollars, for the best Report of his Clinics.

Alumni Prize. By the Alumni Association, a Medal for the best General Average gained in the examinations for the entire curriculum.

W. B. Saunders Prize. Twenty Volumes complete of Saunders' Medical Hand Atlases, to the student who passes the best General Examination at the close of the next college term.

Out-Patient Obstetric Prize. By Dr. W. H. Wells, Demonstrator of Clinical Obstetrics, a Case of Instruments, for the best Report of work in Out-Patient Maternity Service.
TEXT-BOOKS.

FIRST YEAR.

Text-Books, Required.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Authors</th>
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<tbody>
<tr>
<td>Physiology</td>
<td>Chapman; Brubaker</td>
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<tr>
<td>Chemistry</td>
<td>Simon; Holland on the Urine, the Common Poisons, and the Milk.</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Morris; Gray; Holdens's Dissector, by Hewson.</td>
</tr>
<tr>
<td>Materia Medica</td>
<td>Hare's Text-Book of Practical Therapeutics; Thornton's Prescription Writing.</td>
</tr>
<tr>
<td>Histology</td>
<td>Sillbr.</td>
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<tr>
<td>Bacteriology</td>
<td>Manual of Bacteriology; Muir and Ritchie; Coplin's Manual of Pathology.</td>
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<tr>
<td>Embryology</td>
<td>Minot, A Laboratory Text-Book of Embryology.</td>
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<table>
<thead>
<tr>
<th>Subject</th>
<th>Authors</th>
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</thead>
<tbody>
<tr>
<td>Taylor on Poisons.</td>
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<tr>
<td>Sudder and Trimble, Medical and Pharmaceutical Chemistry.</td>
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<tr>
<td>Architecture of the Brain, by Fuller. Quain.</td>
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</table>

SECOND, THIRD AND FOURTH YEARS.

Text-Books, Required.

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Physiology</td>
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<tr>
<td>Medical Jurisprudence</td>
<td>Chapman.</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Holland on the Urine, the Common Poisons, and the Milk.</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Morris; Gray; Holdens's Dissector, by Hewson.</td>
</tr>
<tr>
<td>Materia Medica</td>
<td>Hare's Text-Book of Practical Therapeutics; Thornton's Prescription Writing.</td>
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<tr>
<td>Hygiene and Public Health</td>
<td>Coplin and Bevan.</td>
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<tr>
<td>Obstetrics</td>
<td>Davis.</td>
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<tr>
<td>Gynecology</td>
<td>Montgomery on Practical Gynecology.</td>
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<tr>
<td>Pediatrics</td>
<td>Holt on Diseases of Children.</td>
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<tr>
<td>Pathology</td>
<td>Klieger; Coplin's Manual of Pathology.</td>
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<tr>
<td>Practice of Medicine</td>
<td>The American Text-Book of the Theory and Practice of Medicine.</td>
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<tr>
<td>Laryngology and Rhinology</td>
<td>Cohen.</td>
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<tr>
<td>Dermatology</td>
<td>Stelwagon's Essentials of Diseases of the Skin; Stelwagon's Treatise on Diseases of the Skin.</td>
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<tr>
<td>Neurology</td>
<td>D'Arcy; Chapin on Insanity.</td>
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<tr>
<td>Ophthalmology</td>
<td>Ear: Volume IV, Chapter on Diseases of Ear in Hare's System of Practical Therapeutics.</td>
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<tr>
<td>Genito-Urinary Surgery</td>
<td>Taylor on Venereal Diseases; Feng in Gonorrhea; Harrison on Surgical Diseases of the Urinary Organs.</td>
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<tr>
<td>Medical Dictionaries</td>
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<table>
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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Taylor's Medical Jurisprudence.</td>
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<tr>
<td>Neustru and Vogel on the Urine. Black on the Urine. Quain.</td>
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</table>

INFORMATION FOR STUDENTS

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 $4 to $5 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, can live at lower rates.

Students will save time and expense by going directly to the College, corner of Tenth and Walnut Streets, on their arrival in the city. The clerk will at once see that they are provided with board.

Students are advised to register and procure their tickets without delay, as numbered seats are given in the order of registration. The Dean can be seen at his office, in the College building, every day, during the term, from 10 A. M. to 12 M., or at such times as he may hereafter announce.

Any student will receive the Jefferson College Hand-Book, by writing to the Inter-Collegiate Secretary, Y. M. C. A., at Fifteenth and Chestnut Streets, Philadelphia. Representatives of the Jefferson College Y. M. C. A. wearing red badges will be at all trains during the opening days to meet new students and assist in securing suitable rooms and boarding places.

All business connected with the College is transacted at the office of the Dean.

Students are advised to pay fees by check for the exact amount. Remittances for other expenses should be in Postal money-orders or Drafts or notes by express, as the College will not endorse checks for private expenses.

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

By the Faculty: J. W. HOLLAND, M.D., Dean.

Approved by the Board of Trustees: WM. POTTER, President.

SIMON GRATZ, Secretary.
Order of Lectures and Practical Instruction

**FRESHMAN YEAR***

<table>
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<tr>
<th>HR.</th>
<th>MONDAY</th>
<th>TUESDAY</th>
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<th>SATURDAY</th>
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<td>9</td>
<td>Dissection and Sections in Chemical Laboratories</td>
<td>Recit. in Histology</td>
<td>Sections in Histology</td>
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<td>Dissection and Sections in Pathological Histology</td>
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<td>Dissection and Sections in Pharmacy and Pharmacology</td>
<td>Bandaging Pharmacy and Surgery</td>
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<td>Dissection and Sections in Pathological Histology</td>
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<td>Holland Chemistry and Toxidology</td>
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<td>Chapman Physiology</td>
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* Subject to alteration

**SOPHOMORE YEAR***

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<td>J. C. Wilson or Hare Medical Clinic</td>
<td>Recitation in Pathology</td>
<td>Keen Surgical Clinic Jefferson Hospital</td>
<td>J. C. Wilson or Hare Medical Clinic</td>
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* Subject to alteration
### JUNIOR YEAR

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<tr>
<td>9</td>
<td>Sections in Bacteriology or Hematology</td>
<td>Sections in Bacteriology or Hematology</td>
<td>Sections in Bacteriology or Hematology</td>
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<td>11</td>
<td>Brinton Surgery</td>
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<td>Horwitz Gynecology first half</td>
<td>Montgomery Gynecology</td>
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<td>Coplin Pathology</td>
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<td>Hearn or Da Costa Surgical Clinic</td>
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<td>J. C. Wilson or Hare Medical Clinic</td>
<td>Montgomery Gynecol. Clinic</td>
<td>Keen Surgical Clinic Jefferson Hospital</td>
<td>J. C. Wilson or Hare Med. Clinic</td>
<td>J. C. Wilson or Hare Med. Clinic</td>
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<td>H. A. Wilson to Jan. 19 Medical Clinic</td>
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<td>3</td>
<td>Morbid Anatomy, Fracture Dressings</td>
<td>Morbid Anatomy, Fracture Dressings</td>
<td>Morbid Anatomy</td>
<td>Hansell Eye Clinic</td>
<td>2 P. M. Morbid Anatomy Post-mortem</td>
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<td>Recitations in Surgery 4:30 to 5:30</td>
<td>J. C. Wilson Practice of Medicine</td>
<td>Davis Obstetrics</td>
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<td>Hare Therapeutics</td>
<td>Davis Obstetrics</td>
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<td>Recitations in Practice of Medicine</td>
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*Subject to alteration

### SENIOR YEAR

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<tr>
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<td>Spencer Recitations in Surgery</td>
<td>Sections - Barnes Gynecology</td>
<td>Sections - Spencer Surgery</td>
<td>Appleman Prescription Writing</td>
<td>Sections - Stewart Surgery</td>
<td>Sections - Stewart Surgery</td>
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<tr>
<td>10</td>
<td>Smith Ear Clinic</td>
<td>Graham Recitation in Pediatrics</td>
<td>Cohen, Kyle, or Jones Throat and Nose Clinic</td>
<td>Montgomery Gynecology</td>
<td>H. A. Wilson to Jan. 18 Orthopedics</td>
<td>Bechroch Electro-Therapeut. in Hospital</td>
</tr>
<tr>
<td>11</td>
<td>Stelwagon Skin Clinic</td>
<td>H. A. Wilson Orthopedic Clinic</td>
<td>Horwitz Genito-Urinary Surgery</td>
<td>Horwitz Genito-Urinary Surgery</td>
<td>Dercum Neurological Clinic</td>
<td>Graham Children Clinic</td>
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<td>12</td>
<td>Sections - Roe Surgery</td>
<td>Sections - Brick Surgery</td>
<td>Sections - Stewart Surgery</td>
<td>Sections - Hearn Surgery</td>
<td>Sections - Kalteyer Medicine</td>
<td>Sections - Kalteyer Medicine</td>
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<tr>
<td>J. C. Wilson or Hare Medical Clinic</td>
<td>Montogany Gynecol. Clinic</td>
<td>J. C. Wilson to Jan. 19 Medical Clinic</td>
<td>Montogany Gynecol. Clinic</td>
<td>Montogany Gynecol. Clinic</td>
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<td>3</td>
<td>Hansell and Sweet Eye</td>
<td>Sections - Hansell and Sweet Eye</td>
<td>Sections - Hansell and Sweet Eye</td>
<td>Sections - Hansell and Sweet Eye</td>
<td>Montogany Gynecol. Clinic</td>
<td>Montogany Gynecol. Clinic</td>
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<tr>
<td>5</td>
<td>Davis Obstetric</td>
<td>Dercum Mental Diseases</td>
<td>H. A. Hare Special Therapeutics and Recitation</td>
<td>Keen Surgery</td>
<td>Davis Obstetric Clinic</td>
<td>Davis Obstetric Clinic</td>
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<tr>
<td>8</td>
<td>Da Costa Recitation Practice</td>
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<td></td>
<td>Kalteyer Recitation Practice</td>
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</table>

*Subject to alteration

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38

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39
GRADUATES
OF
THE JEFFERSON MEDICAL COLLEGE
OF PHILADELPHIA
MAY 29TH, 1902

At a Public Commencement, held at the American Academy of Music on the 29th day of May, 1902, the Degree of Doctor of Medicine was conferred upon the following gentlemen by the President, Hon. William Potter, the ceremonies closing with an Address by Hon. Charles Emory Smith.

<table>
<thead>
<tr>
<th>NAME</th>
<th>STATE OR COUNTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agnew, Fred F.</td>
<td>Iowa</td>
</tr>
<tr>
<td>Albertson, Harry Walter</td>
<td>Pa.</td>
</tr>
<tr>
<td>Atkins, George Hulings</td>
<td>Del.</td>
</tr>
<tr>
<td>Bachrach, Benjamin</td>
<td>Ill.</td>
</tr>
<tr>
<td>Beardsley, Edward John</td>
<td>Conn.</td>
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<tr>
<td>Bell, Elliott Edwin</td>
<td>Pa.</td>
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<tr>
<td>Bellamy, Robert Hartle</td>
<td>N. C.</td>
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<tr>
<td>Bergeron, Pierre Norbert</td>
<td>Mass.</td>
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<tr>
<td>Bertaut, Walter Melot</td>
<td>Pa.</td>
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<tr>
<td>Bice, Herbert Lawrick</td>
<td>W. Va.</td>
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<tr>
<td>Bittner, Henry Edward</td>
<td>Pa.</td>
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<td>Blackwood, James Magee</td>
<td>Pa.</td>
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<tr>
<td>Bowman, Thomas Edward</td>
<td>Pa.</td>
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<tr>
<td>Boyle, Patrick Francis</td>
<td>Cal.</td>
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<td>Brit, Charles Carroll</td>
<td>Mass.</td>
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<tr>
<td>Brown, George Christopher</td>
<td>Pa.</td>
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<td>Burt, James Clark</td>
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<tr>
<td>Carlin, Robert Gooden</td>
<td>Mass.</td>
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<tr>
<td>Carson, Jason Wilson</td>
<td>N. J.</td>
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<tr>
<td>Chamberlin, John Leavitt</td>
<td>Col.</td>
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<tr>
<td>Coleman, Edgar Welsie</td>
<td>Iowa</td>
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<tr>
<td>Conrey, Thomas Jackson</td>
<td>Md.</td>
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<tr>
<td>Cope, William Franklin</td>
<td>Pa.</td>
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<tr>
<td>Crowe, Frank Beresford</td>
<td>Pa.</td>
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<tr>
<td>Davis, William McKay</td>
<td>Ga.</td>
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<tr>
<td>Dexter, Charles Amory</td>
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<td>Dinkelspiel, Max Robert</td>
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<td>Drick, George Rosenmiller</td>
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<td>Duhigg, Thomas Francis</td>
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<td>Ely, Clarence Francis</td>
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<td>Ernst, Charles Henry</td>
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<td>Ewing, Samuel Eldridge</td>
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<td>Fitzpatrick, William Wando</td>
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<td>Fox, Francis H.</td>
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<td>Freeburg, Harry Walden</td>
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<td>Friedman, Aaron</td>
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<table>
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<th>NAME</th>
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<tr>
<td>McCoy, James Edward</td>
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<td>McKinnie, Lewis Hugh</td>
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<td>Maclay, Joseph Alan</td>
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<td>Markel, Henry Clayton</td>
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<tr>
<td>Mead, Harry Burton</td>
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<td>Midley, Harry St. John</td>
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<td>Miller, James Morgan</td>
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<td>Miller, Solomon Metz</td>
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<td>Moore, Joseph Aloysius</td>
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<td>Moore, Philip Henry</td>
<td>Me.</td>
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<td>Mundhenk, Herbert Conner</td>
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<td>Newson, Albertus</td>
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<td>Nofer, George Hancock</td>
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<td>Noll, Norman Bead</td>
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<td>Outerson, Richard Ambrose</td>
<td>Conn.</td>
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<td>Parker, Charles Walter</td>
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<td>Pechin, Edward Charles</td>
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<td>Pelouze, Percy Starr</td>
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<td>Poole, Louis Bein</td>
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<td>Potter, George Walter</td>
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<td>Ralston, William James</td>
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<td>Ransom, Matthias Lent</td>
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<td>Rhoads, John Henry</td>
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<td>Round, Frederick Lutwyche</td>
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<td>Rufe, John Johnson</td>
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<td>Saltzman, Louis Andrew</td>
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<td>Schaffner, Boyd William</td>
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<td>Schoffstall, Joseph Wellington</td>
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RECAPITULATION

<table>
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<tr>
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<tr>
<td>Pennsylvania</td>
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<td>New Jersey</td>
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<td>Massachusetts</td>
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<td>Total</td>
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</table>

There are now 11,309 names on the list of graduates.

HONORARY DEGREE

The honorary degree of Doctor of Science was conferred upon Dr. Charles Finlay, of Havana, Cuba, a graduate of this College of 1854, in recognition of his contributions to the Science of Medicine with reference to the causation of yellow fever.
PRIZES.

The following prizes were awarded:

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professor of Medicine to the graduate in his opinion most worthy, to George Hancock Nofer, of Pennsylvania.

The Henry M. Phillips Prize of Seventy-five Dollars. Awarded upon the recommendation of the Professor of Surgery to the graduate in his opinion most worthy, to Philip Henry Moore, of Maine.

Physiology Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on a subject pertaining to Physiology (open to Undergraduates of the second year), to Undergraduate Bernard Bard, of Pennsylvania.

Practice of Medicine Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Essay on the Practice of Medicine, to Max R. Dinkelapsiel, of New York, with honorable mention of Louis Spitz, of Pennsylvania.

Surgery Prize. Awarded by bequest of Dr. Francis W. Shain, for the best Examination in Surgery, to Alfred Heineberg, of Alabama.

Therapeutics Prize. A Gold Medal, for the best Examination in Therapeutics, to William McKay Davis, of Pennsylvania.

Obstetrics Prize. A Gold Medal, for General Excellence in Obstetrics, to Joseph Alan Maclay, of New Jersey.

Anatomy Prize. A Gold Medal, for the best Anatomical Preparation (open to Undergraduate John Forseythe Little, of Pennsylvania."

Pathology Prize. A Gold Medal, for the best Research Work in Pathology, to Lewis Hugh McKinnie, of Colorado.

Ophthalmology Prize. By Professor De Schweinitz, a Gold Medal, for the best Examination on Ophthalmology, to Clarence Francis Ely, of Pennsylvania, with honorable mention of William McKay Davis, of Pennsylvania, and Edward Gwyn, of New York.

Gynecology Prize. By Professor Montgomery, a Gold Medal, for the best Examination in Gynecology, to William McKay Davis, of Pennsylvania, with honorable mention of Philip Henry Moore, of Maine, and George Hancock Nofer, of Pennsylvania.

Anatomical League Prize of One Hundred and Fifty Dollars, given by Professor Forbes to the member of the Anatomical League having the highest standing in a competitive Examination in Anatomy, to Harry Edward Kirschner, of Pennsylvania, with honorable mention of Granville Walker, of Pennsylvania, and George W. Lincoln, of Pennsylvania.

Neurology Prize. By Professor Dercum, Twenty-five Dollars, for the best Examination in Neurology, to Percy S. Pelouze, of New Jersey, with honorable mention of E. Edwin Bell, of Pennsylvania, and Joseph Alan Maclay, of New Jersey.

Clinical Orthopedics Prize. By Professor H. Augustus Wilson, Twenty-five Dollars, for the best Examination in Orthopedic Surgery, to Roi K. Hartzell, of Pennsylvania, with honorable mention of George H. Nofer, of Pennsylvania.


Clinical Obstetrics Prize. By Professor Davis, Twenty-five Dollars, for the best Report of his Clinical duties to Samuel Eldridge Ewing, of New Jersey, with honorable mention of John Worth Hartman, of Pennsylvania, and Otto Kerr Snyder, of Wisconsin.


Clinical Dermatology Prize. By Professor Stelwagon, Twenty-five Dollars, for the best Examination in Dermatology, to Philip Attie Sheaff, of Pennsylvania, with honorable mention of Alfred Heineberg, of Alabama.

Clinical Laryngology Prize. By Professor Jones, Twenty-five Dollars, for the best Report of his Clinical duties to Joseph Alan Maclay, of New Jersey.

Alumni Prize. By the Alumni Association, a Medal for the best General Average gained in the examinations for the entire course, to George Hancock Nofer, of Pennsylvania.

W. B. Saunders Prize. Eighteen Volumes of Saunders' Medical Hand Atlas, to the student who passes the best General Examination at the close of the college term, to Philip Henry Moore, of Maine.

Out-Patient Department Obstetric Prize. By Dr. W. H. Wells, Demonstrator of Clinical Obstetrics, a Case of Instruments, for the best Report of his duties in out-patient maternity service, to Alfred Heineberg, of Alabama, with honorable mention of Max R. Dinkelapsiel, of New York.

HOSPITAL APPOINTMENTS.

The following appointments were secured by the graduates of the Class of 1902:


POTTSTOWN HOSPITAL, Pa.—E. W. Collins and C. E. Shannon.

PITTSTON HOSPITAL, Pa.—H. B. Lochhead.

NEW HAVEN HOSPITAL, Conn.—F. L. Heacox.


COOK'S HOSPITAL, Fairmount, W. Va.—H. E. Kirscher.

ST. MARY'S, Philadelphia.—J. D. Lehman and J. A. Moore.

EAST BRANCH HOME FOR DISABLED VOLUNTEER SOLDIERS, Togus, Maine.—Robert L. Hull.

MERCY HOSPITAL, Pittsburg, Pa.—W. A. Woodburn.

SAGINAW GENERAL, Mich.—E. E. Webber.


ST. TIMOTHY'S, Roxborough.—J. D. Linton and N. R. Ingraham.

PATERSON GENERAL, N. J.—J. A. Maclay.


ST. BARNABAS, Newark, N. J.—F. P. Pelouze.

WESTINGHOUSE, Pittsburg.—W. M. Davis.

R. I. STATE HOSPITAL FOR INSANE, Providence.—Samuel M. Beale, Jr.

METHODOIST, Philadelphia.—Charles E. Trainor.

STATE HOSPITAL, Wernersville, Pa.—P. A. Sheaff.

ST. JOSEPH'S, Philadelphia.—G. H. Nofer and P. N. Bergeron.

COOPER HOSPITAL, Camden, N. J.—George D. Grimes and Herbert Lionel Taylor, first alternate.

MUNICIPAL HOSPITAL, Camden, N. J.—John L. Chamberlin.

ALTOONA HOSPITAL, Pa.—L. E. Glasgow.

STATE HOSPITAL, Scranton, Pa.—B. B. Wormser.

ALLEGHENY GENERAL, Pittsburgh.—C. C. Jarvis, R. C. Scott.

CHESTER, Pa.—H. W. Albertson.

STATE HOSPITAL, Hazleton, Pa.—G. H. Walker.

PITTSBURG CITY HOME, ETC.—Harry S. Midgley.

MERCY HOSPITAL, Wilkesbarre, Pa.—Charles Henry Ernst.

YORK CITY HOSPITAL, Pa.—Austin M. Grove.

N. W. BACKUS HOSPITAL, Norwich, Conn.—R. A. Outser.

EASTON HOSPITAL, Pa.—Herbert C. Mundhenk.

JEWISH HOSPITAL, Philadelphia.—H. L. Taylor.

SOLDIERS' HOME, Dayton, Ohio.—George W. Potter.

ST. PAUL'S SANITARIUM, Dallas, Texas.—W. W. Fitzpatrick.

ATLANTIC CITY HOSPITAL.—M. I. Ireland.

ST. JOSEPH'S, Reading.—F. B. Crowe.
MATRICULATES
SESSION 1922-1923

SENIOR STUDENTS

Adcock, Lee Campbell  ....... Ky.  
Adler, Benjamin L.  ....... Pa.  
Akers, Andrew Frank  ....... Pa.  
Allen, Frederick Blunt  ....... N. Y.  
Allen, Charles Walker  ....... Va.  
Allison, Lucian Dent  ....... Pa.  
Armstrong, Thomas Smith  ....... Pa.  
Baines, Matthew Carroll  ....... Pa.  
Baltz, Samuel Austin  ....... Pa.  
Barber, Raymond  ....... Pa.  
Belaval, Jose Sustano  ....... Porto Rico  
Bell, David Major  ....... Pa.  
Bennett, Clarence Elmer  ....... Pa.  
Biehn, William Milton  ....... Pa.  
Blankemeyer, Henry Joseph  ....... Pa.  
Bornean, John Henry  ....... N. C.  
Boyce, Lee  ....... Pa.  
Brown, Albert Whittier  ....... Me.  
Bryson, John Frampton  ....... Pa.  
Burg, Stoddard Somers  ....... Pa.  
Bushey, Harry Frederick  ....... Pa.  
Calhoun, Howard Boyd  ....... Pa.  
Campbell, W. Lowrie  ....... Pa.  
Carney, Samuel David  ....... Pa.  
Carroll, Thomas Benjamin  ....... Ohio  
Chamberlain, Leslie  ....... N. Y.  
Clagett, Augustus Henry  ....... Pa.  
Cooper, Herbert  ....... Mass.  
Cohen, Abraham Joseph  ....... Pa.  
Corry, James Howell  ....... Pa.  
Cottham, Edward Ralph  ....... Ark.  
Cottrell, Emil Lester  ....... Cal.  
Crane, Harold Hayes  ....... Me.  
Crawford, James Calvin  ....... Pa.  
Crow, Arthur Everett  ....... Pa.  
Cunningham, George Aloysius  ....... Pa.  
Dana, Lawrence Wellington  ....... Pa.  
Davis, George Anthony  ....... Conn.  
Dean, John Henry  ....... Texas  
Eastwood, Edmund T  ....... N. J.  
Edwards, William McEwen  ....... Wis.  
Eisenhower, Charles Wilhelm  ....... Pa.  
Elder, James Clarence  ....... Ohio  
Ellison, Thomas  ....... Pa.  
Elmere, John Alfred  ....... Mass.  
Farquhar, Raleigh Claude  ....... Pa.  
Flatley, John Walter  ....... Pa.  
Fledderjohann, Ferdinand Frederick  ....... Ohio  
Fleming, Edwin Rahn  ....... Pa.  
Pogarty, Charles W.  ....... Minn.  
Foster, Wilbur A.  ....... Pa.  
Garretson, William  ....... Pa.  
Gibson, Albert Mathew  ....... Ala.  
Gilmore, Wilbur Hanley  ....... Ill.  
Glenn, Frank Doolittle  ....... Pa.  
Goodman, Bert Edward  ....... Ohio  
Gormley, James Aloysius  ....... N. J.  
Gratiot, William Marcy  ....... Wis.  
Green, Max  ....... Pa.  
Grunmly, Edward Chauncey Fullerton  ....... N. J.  
Harper, Howard Cyrus  ....... Pa.  
Harrington, James Leon  ....... Conn.  
Harrison, John Francis  ....... Conn.  
Harshe, Charles Lloyd  ....... Pa.  
Hart, Charles Vincent  ....... Pa.  
Hay, George  ....... Pa.  
Hazlett, Frank Leslie  ....... Pa.  
Heed, Charles Rittenhouse  ....... Pa.  
Heim, Lyman David  ....... Pa.  
Heinzer, Frank Joseph  ....... Pa.  
Henry, Albert Leon  ....... Pa.  
Hess, Adolph  ....... Pa.  
Heyser, Jonas Edward  ....... Pa.  
Hill, George Price  ....... Pa.  
Hixson, George W.  ....... Ohio  
Hoffman, Charles Wilbur W.  ....... Va.  
Holston, John George Frederick, Jr.  ....... Ohio  
Houston, John Bernard  ....... Pa.  
Howell, Samuel McKeithan  ....... Pa.  
Hudson, Harry, Jr.  ....... Pa.  
Hutzel, Oliver L.  ....... Ohio  
Hyskell, William Emory  ....... Pa.  
Imboden, Henry Miles  ....... Pa.  
Ireland, Frederic W.  ....... N. Y.  
Janisch, Frederick William  ....... Pa.  
Jones, John Bayley, Jr.  ....... Pa.  
Jones, William Thomas  ....... Miss.  
Kane, Clinton Austin  ....... Md.  
Kelley, Alfred Logan  ....... Del.  
Kelly, Thomas Martin  ....... Pa.  
Kerr, William Edmund  ....... Ohio  
Kiefer, Raymond Arndt  ....... N. J.  
King, Roy Morton  ....... N. C.  
Kosek, Frank Joseph  ....... Pa.  
Koer, Martin Luther  ....... Neb.  
Kriebel, Asher Griesemer  ....... Pa.  
Kunkel, Oscar Franklin  ....... Pa.  
Laidlaw, Frank Winfield  ....... N. Y.  
Larkins, Clyde R  ....... Ohio  
Lawless, Nicholas William  ....... N. J.  
Lehman, George Weidner  ....... Pa.  
Loewy, Ignatz David  ....... Pa.  
Logan, Edward Johnson  ....... R. I.  
Loper, John C.  ....... N. J.  
Luck, John D.  ....... Ark.  
McCracken, James Aloysius  ....... Pa.  
McKenny, John William  ....... Ohio  
MacMullen, J. William  ....... Pa.  
Manges, Willis Fastnacht  ....... Pa.  
Manning, Charles LaForge  ....... N. J.  
Macy, Charles Holmes  ....... Pa.  
McCormick, Arthur Foster  ....... Pa.  
Meals, Roy Clark  ....... Pa.  
Mervine, Robert Batten  ....... Pa.  
Miller, Henry Ernest  ....... Pa.  
Miller, John Hume  ....... S. Ca.  
Miller, Richard Oliver  ....... Pa.  
Miller, Walter Marion  ....... Pa.  
Moore, Darius Carrier  ....... Pa.  
More, Henry Eckert  ....... Pa.  
Moser, Raymond Anson  ....... Pa.  
Murphy, Henry Stokes  ....... N. Ca.  
Munsch, Augustin Philip  ....... Pa.  
Myers, Edward Aloysius  ....... Pa.  
Myers, Edward Ralph  ....... Pa.  
Myihan, Walter Franklin  ....... Pa.  
Neil, Thomas Franklin  ....... Pa.  
Neptune, Norman William  ....... Ohio  
Newcomb, Marcus W.  ....... N. J.  
Nickel, James Edward  ....... Pa.  
North, Henry Urban  ....... Pa.  
O'Brien, John Daniel  ....... Pa.  
Ogilvie, Roy K.  ....... Mo.  
Oglee, Thomas Edison  ....... Pa.  
O'Neill, Michael Joseph  ....... K. I.  
Patterson, Robert Mehard  ....... Pa.  
Peltz, Philip Malcolm  ....... Pa.  
Petigean, John William  ....... Ind.  
Pilling, George Platt, Jr.  ....... Pa.  
Platt, Thomas Heritage, Jr.  ....... N. J.  
Plymire, Isaac Swartz  ....... Pa.  
Poor, George Ernest  ....... Mass.  
Fritchard, Frederick Morris  ....... Pa.  
Prothero, Harold Ney  ....... Pa.  
Quiney, James  ....... N. J.  
Ralston, James Curtis  ....... Pa.  
Reber, Conrad Samuel  ....... Pa.  
Reed, Henry David  ....... Pa.  
Reed, Marvin Warren  ....... Pa.  
Reidy, John Aloysius  ....... Pa.  
Reser, William Marven  ....... Ind.  
Robinson, Clair Edward  ....... Pa.  
Robison, William Henry  ....... Ohio  
Rose, Horace Lewis  ....... N. J.  
Salus, Harry Weider  ....... Pa.  
Sauer, Emil  ....... Mass.  
Saxton, Silas Warren  ....... Pa.  
Schaffer, Harry Abraham  ....... Pa.  
Schenck, Daniel Scott  ....... Pa.  
Schnader, Amos Bowman  ....... Pa.  
Schneider, Louis Theodore  ....... Pa.  
Schoolman, Noah  ....... Pa.  
Schwartz, Lorraine L.  ....... Pa.  
Scott, Hiram Chishworth  ....... Pa.  
Segal, Julius  ....... Calif.  
Sewall, Millard Freeman  ....... Me.  
Sherger, John Adam  ....... Pa.  
Sheridan, Lawrence Thomas  ....... Pa.  
Shimmon, Joseph  ....... Persia  
Smith, Frederick Charles  ....... Minn.  
Smith, Howard Sedwrick  ....... N. J.  
Smith, Lawrence DeHaven  ....... Del.  
Sollenberger, George Hartley  ....... Iowa  
Stanton, Joseph  ....... Pa.  
Stellwagen, Thomas Cook, Jr.  ....... Pa.  
Stevenson, George  ....... N. Y.  
Stewart, Robert Armstrong  ....... Pa.  
Stokes, John Wallace  ....... N. Y.  
Strayer, Walter Adolph  ....... Ohio  
Sullivan, Joseph Vincent  ....... Mass.  
Swan, James Hayes  ....... Pa.  
Thomas, James William  ....... Ore.  
Thompson, Winfield Otis  ....... Kan.  

44

45
Thomson, John Danner  Ga. 
Tinney, Alfred Grant  Pa. 1
Todd, Clarence Milton  N. Y. 
Ullman, Jacob Sontheimer  Miss. 
Ullom, Frank Sellers  Pa. 

WARD, TOOD POPE  Ill. 
Ward, William J. A.  N. Y. 
Washbaugh, William Graham  Pa. 
Weed, Sherman Chauncey  Conn. 
White, Francis William  R. I. 
Whitehead, Ira Bratton  Pa.  
Whitmore, George Byron  N. Y. 
Winsliew, Herring  Ga. 

JUNIOR CLASS.

Abbott, Frank Cook  Pa. ✔
Alexander, Eben, Jr.  N. C. 
Alexander, Emory Graham  N. C.  
Anderson, James Howard  Pa. 
Apple, Clarence Elwood  Pa. 
Bader, Walter P  Pa. 
Barsumian, Hagop G.  Turkey 
Battle, Ivan Proctor  N. C. 
Bausch, Frederick Rudolph  Pa.  
Beckett, John Wesley Saltier  Md.  
Bershad, Leonard  Pa.  
Besser, David Valentine  Pa. 
Biello, Joseph Albert  Pa.  
Blair, James Dana  Pa. 
Bonney, Charles Walter  N. Y. 
Botsford, Harry Levis  W. Va. 
Brody, Myer  Pa. 
Brown, Joel Daniel  Pa. 
Buckingham, Harry Sheldon  N. J. 
Callan, George John  Pa. 
Campbell, M. D.  Pa. 
Carey, Harris May  Del.  
Carper, James Clayburne  Pa. 
Carstairpshe, William Turner  N. Y.  
Charlesworth, Ralph Robert  Pa. 
Chodoff, Louis  Pa. 
Colbert, Wm. T., Jr.  Pa. 
Coll, James Patrick  Pa.  
Cotton, Frank Webster  Ohio 
Davis, Frank Thomas, Jr.  Pa. 
Davitich, David H.  Pa. 
Dennis, Isaac J. B.  Pa. 
Dodge, Arthur Howard  R. I. 
Donahoe, John Patrick  Pa.  
Eyanson, John Norbert  Ind.  
Fernan, John Wesley  Pa. 
Forrier, William Henry  N. Y. 
Fishman, Abraham Pincos  N. J.  
Flemming, Major Try  . N. C. 
Forster, Andrew E.  Pa.  
Fortner, Howard Garfield  Pa. 
Fredrikson, Elam Albert  Pa.  
Fulmer, David Herman  Mass. 
Fulmer, Gailard Botchford  Ohio 
Fulton, John Clements  Wis. 
Gillum, John Randolph  Ind.  
Goldberg, Maurice  Pa. 
Goodman, Lee McKluskie  Pa. 
Gray, Stoddard Perry  N. Y. 
Grier, George Washington  N. J. 
Grove, John Odie  Pa. 
Hall, James King  N. C. 
Hamati, Elias Essad  Syria 
Harman, Charles Henry  N. H.  
Harris, Robert Edward  Ga. 
Hartman, Gustav  Pa. 
Heiner, Louis Benjamin  Pa. 
Henry, Daniel Webster  Pa. ✔
Hensyl, William Curtis  Pa. 
Hoffman, George Llewellyn  Pa. 
Hope, John Ferguson  Pa. 
Houser, Burton Clayton  Pa. 
Jefferson, James  N. J. 
Kagey, Thomas J.  Va. 
Kaufman, Alexander Spencer  Pa. 
Keagy, Frank  Pa. 
Keenan, W. H.  Ohio ✔
Keddel, Victor  Texas  
Kennedy, William Morton  Pa. 
Kilgus, Harry E.  Pa. 
King, Harry Howard  Pa. 
Klein, Adam Raymond  Iowa  
Lancaster, Carl  Pa. 
Lane, Harry Hamilton  N. Y. 
Leventhal, Nathan Lewis  Pa. 
Leytze, Frank Cornelius  Iowa  
Little, John Forayth  Pa. 

LONGFELLOW, CHARLES FAY  Ill. 
Lore, Harry Elmer  N. C.  
Lowry, Robert Spear  Pa.  
Luman, Clark McEwen  Pa. 

McCarey, Hugh Edward  Mass. 
McCormack, Condon Carleton Ore. 
McLaughlin, Charles Molten  Pa. 
McLean, McCormick Earle  Pa. 
MacCallum, Wallace Peter  Mass. 
MacDonald, Albyn B.  Mass  
Magill, Hugh R.  Pa. 
Meisel, Frederick Aaron  Pa.  
Metivis, Alexis Merritt  Pa. 
Mervin, Graydon Duncan  Pa. 
Mitchell, Atlee David  Pa. 
Monahan, Thomas A.  Pa.  
Morris, Robert  Pa.  
Murphy, Eugene Francis  Minn. 
Murrin, Connell Edward  Pa. 
Muschltz, Charles Henry  Pa. 
Muta, Samuel A.  N. J.  
Nicholas, Samuel  Pa. 
Niles, William Gordon  Cal. 
North, Harry Ross  N. J.  

O'NEILL, OWEN  Conn. 
Parry, Evan Jenkins  Pa.  
Patterson, Ross Vernet  Ill. 
Pearson, Preston Winton  Texas  
Peiffer, Charles Oscar  Pa.  
Penrod, Harry Hartzell  Pa. 
Petty, Orlando H.  Ohio  
Porteous, Edward Johnston  Pa. 
Pumphrey, Josiah Morton  Ohio  

RE, CLAURENCE GALLERHER  Ind. 
Reazin, Henry Le Roy  Alaska  
Ridley, George Vincent  Ohio  
Kidway, William Frederick  N. J. 
Riter, James Foster  Ohio  
Kitter, Henry  Pa.  
Kroger, Jerome B.  N. J. 
Krohrbach, James Nathan  Pa. 
Ruhl, Levi Albertus  Ohio  
Rust, Emery Andrus  Iowa  

SAUNDERS, THOMAS HENRY  Mass. 
Schaubel, Charles Wesley  Pa. 
Schindlein, George William  Pa. 
Scott, Backner Fairfax  W. Va.  
Serrill, William Wilfong  Pa. 
Severs, George Harvey  Pa. 
Shenberger, William Jacob  Pa. 
Shirey, Harlan M.  Ind.  
Short, William H.  Pa. 
Shrom, Ralph Edwin  Pa. 
Siggins, George  Pa.  
Smith, Owen  N. Ca.  
Smith, Samuel Calvin  Pa.  
Smith, William Francis  Ill.  
Snyder, Howard Lincoln  Kan. 
Sprague, Hugh Roger  Utah  
Spraklen, Paul Darling  Pa. 
St. Clair, Frank Earle E.  In. 
Stembler, Harry Abraham  Pa. 
Stevenson, Eber Fortner  Iowa 
Stevenson, Ellerslie Wallace  Pa. 
Sullivan, Timothy Daniel  Mass.  
Taylor, Jackson  Pa. 
Taylor, Walter Albert  N. J.  
Templin, Theodore B.  Ind. 
Thiemann, Ernest  Iowa  
Tierney, Michael Francis  Pa. 
Topper, John Albert  Pa. 
Treat, Ernest  Pa. 
Trinder, John Holmes  Pa. 
Wagner, James Frederick  Pa.  
Waiter, Henry V.  Pa. 
Weinberg, Morris  Pa.  
Werner, Julius  Pa.  
White, J. Norman  Y.  
Whitehill, Ira Engler  Md. 
Wignall, Horace Lewis Walters  N. J. 
Williams, Ernest Thornton  Pa.  
Williams, James Thomas  Cal. 
Williams, Walter Edward  Pa. 
Willis, Herbert  Pa. 
Wingate, Otis Lee  Pa. 
Woolley, Herbert  N. J.  

Zimmerman, Randall  Pa.

JOHNSTON, MAKE BARRINGTON L. MCKENZIE, JACOB CRAYFORD MELLINGE.
SOPHOMORE CLASS

Albertson, Charles Stuart       .Ind.
Austin, Albert Elmer            .Mass.
Berry, Lawrence Francis         .Pa.
Bevan, Frank Jones              .Pa.
Blanchard, Howard E.            .R. I.
Boland, James Carlyle           .Pa.
Bosworth, Robinson              .Vt.
Boyesen, Theophilus Henry, Jr.  .N. J.
Bradley, John Aloysius          .Pa.
Bramble, Halsey Sanford         .N. Y.
Brown, Ray Clifton              .Me.
Burkholder, John Lewis          .Pa.
Carhart, Earl Clyde             .Ia.
Clark, Warren Thomas            .N. J.
Conaway, Benjamin Franklin      .W. Va.
Cooney, Richard E.              .Ind.
d'Apery, Tello, J.              .N. Y.
Davenport, Frederick Marshall   .Ind.
Davidson, Seward Roland         .Pa.
Dolby, John Lawrence            .Conn.
Dolley, George Ferguson         .Pa.
Dunn, Harrison Albert           .Pa.
Dwyer, James Eugene             .Pa.
Eichman, Edward Aloysius        .Pa.
Ellinger, Jacob Edgar           .Pa.
Ellis, Oliver J.                .N. H.
Ellis, Walter Winthrop          .Del.
Evans, Horace Elmer             .Del.
Ferguson, Gilbert Aloysius      .Pa.
Fisher, Mulford Keene           .N. J.
Fleming, Henry Craig            .Pa.
Fluke, George Thomas            .Pa.
Friedenberg, Samuel             .Pa.
Glenn, Nicholas Thomas          .Pa.
Glick, William Henry            .Pa.
Gorman, John Francis            .Pa.
Hanchett, Harry Bigelow         .Conn.
Harley, John Parker             .Pa.
Herff, Ferdinand Peter          .Texas
Jackson, Rice Robinson          .Texas
Jackson, Joseph Walter          .N. J.
Kell, Ralph Chester             .Pa.
Killian, Frederick William      .Pa.
Knight, Guy Augustus            .Pa.
Koch, George John Peter         .N. J.
Larimer, Parry Bernard          .Pa.
Larrabee, Fay Frederick         .Me.
McCallum, Chester Harold        .Pa.
McDaniel, Roy Cowles            .Ore.
MacFarlane, James P.            .Pa.
Mace, Lloyd Russell             .Pa.
Marcus, Henry                   .Pa.
Miller, Clarence Haldeman       .Pa.
Miller, Oliver Joseph           .Fla.
Milliken, Lorenzo Freumont      .Pa.
Munford, Samuel Archer          .Ind.
Ogden, Edward Messinger         .N. Y.
Penton, Jose Luis               .Cuba
Rains, Jesse Lewis              .Idaho
Reichard, Morris                .Hungary
Riker, George A.                .N. Y.
Robinson, William Arthur        .N. J.
Ruopp, Charles Frederick        .N. J.
Ryan, John Timothy              .Pa.
Schneider, Emil Sebastian       .Pa.
Sebold, William Franklin        .N. Y.

FRESHMAN CLASS.

Ashbaugh, Reed Theodore         .Ohio
Aydelotte, John Thomas          .Pa.
Bachman, Milton Homer           .Pa.
Barnette, William Mason         .Conn.
Barston, Harry Walter M.        .N. J.
Beebe, James                    .Del.
Benjamin, Floyd A.              .N. Y.
Bew, Richard                    .N. J.
Bigley, Francis Peter           .Pa.
Blank, Henry                    .N. J.
Bonelli, Victor E.              .Me.
Borzell, Francis Frank          .Pa.
Bowersox, Benjamin Franklin     .Pa.
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**RECAPITULATION**

**SUMMARY**

Students of Senior Class ..... 207
Students of Freshman Class ..... 203
Students of Junior Class ..... 176
Students of Sophomore Class ..... 177
Special Students ..... 7
Total ..... 770

**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, offering of prizes, publishing of the meritorious theses, endowment of scholarships for free medical education at the College of sons of Alumni whose means are limited, collection of anatomical and pathological specimens for the College museum, maintenance and cultivation of good feeling among the Alumni, and, above all, advancement of the interests of medical education and 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 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 diploma of life-membership, and is exempt from further dues. The latter is the preferable plan of payment.

Officers for the ensuing year:

President, Thomas D. Davis, Pittsburg, Pa.


Corresponding Secretary, Charles S. Barnes, 292 South 15th Street, Philadelphia, Pa.

Recording Secretary, Frank C. Hammond, 1470 Tioga Street, Philadelphia, Pa.

Treasurer, W. M. Sweet, 1000 Spruce Street, Philadelphia, Pa.

Chairman of Executive Committee, J. H. Gibbon, 372 South 15th Street, Philadelphia, Pa.

The Philadelphia Chapter will hold four clinical meetings during the year. The annual business meeting will be held the last week in May.

Graduates are requested to forward to the Corresponding Secretary their present address.

*Members of the Association who have already paid annual subscriptions are respectfully reminded that the amount is due for five years 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.