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CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE,

Medical Department of Union University.

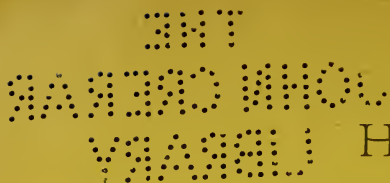
57TH SESSION, 1887-88,



AND

Announcement for Session, 1888-89.

ALBANY, N. Y.
BURDICK & TAYLOR, PRINTERS,
1888.



HOSPITALS.

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

ALBANY HOSPITAL,

Howard Street, corner of Eagle Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physician,

THOMAS HUN, M. D., LL. D.

Surgeons.

ALBERT VANDER VEER, M. D.,
WILLIAM HAILES JR., M. D.,
SAMUEL R. MORROW, M. D.

Physicians.

SAMUEL H. FREEMAN, M. D.,
JOSEPH LEWI, M. D.,
JOHN M. BIGELOW, M. D.,
SAMUEL B. WARD, M. D.

Ophthalmic and Aural Surgeons.

CYRUS S. MERRILL, M. D.,
HERMAN BENDELL, M. D.

Obstetrician.

WILLIAM H. BAILEY, M. D.

Diseases of the Skin.

FREDERIC C. CURTIS, M. D.

Diseases of Women.

JAMES P. BOYD, M. D.

Resident Physicians and Surgeons.

WILLIS G. McDONALD, M. D.,
MYRON E. STEPHENS, M. D.,
JAMES E. SADLIER, M. D.,

ST. PETER'S HOSPITAL.

Corner North Broadway and North Ferry Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M. D., LL. D.,
SAMUEL B. WARD, M. D.,
DANIEL V. O'LEARY, M. D.

Consulting Surgeons.

ALBERT VANDER VEER, M. D.,
LEWIS BALCH, M. D.

Consulting Ophthalmic and Aural Surgeon.

CYRUS S. MERRILL, M. D.

Consulting Obstetric Surgeon.

JAMES P. BOYD, M. D.,

Attending Physicians.

HENRY HUN, M. D.,
SELWYN A. RUSSELL, M. D.,
T. KIRK PERRY, M. D.

Attending Surgeons.

SAMUEL R. MORROW, M. D.,
PATRICK J. KEEGAN, M. D.,
WILLIAM HAILES, JR., M. D.

Laryngoscopy and Throat Diseases.

JOHN M. BIGELOW, M. D.

Obstetric Surgeons.

FRANK'N TOWNSEND, JR., M. D.,
JOHN V. HENNESSY, M. D.

Ophthalmic and Aural Surgeons.

GEORGE S. MUNSON, M. D.,
THEODORE F. C. VAN ALLEN, M. D.

Diseases of the Skin.

FREDERIC C. CURTIS, M. D.

Resident Physician and Surgeon.

MICHAEL KEENAN, JR., M. D.

Sen. Ass't Res. Phys. and Surg.

ZOPHER F. DUNNING, M. D.

COUNTY HOSPITAL.

Physician and Surgeon.

JOHN THOMPSON, M. D.

Resident Physician.

JAMES F. EARLEY.

CATALOGUE
OF THE
ALBANY MEDICAL COLLEGE,

Medical Department of Union University.

57TH SESSION, 1887-88,



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Announcement for Session, 1888-89.

ALBANY, N. Y.
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H. A.

TRUSTEES
OF THE
ALBANY MEDICAL COLLEGE.

PRESIDENT:
AMASA J. PARKER.

VICE-PRESIDENT:
BRADFORD R. WOOD.

TREASURER AND SECRETARY:
JOSEPH W. RUSSELL.

ISAAC W. VOSBURGH,	JOHN M. CRAPO,
ERASTUS D. PALMER,	ARCHIBALD McCLURE,
CHARLES B. LANSING,	CHARLES L. PRUYN,
JOSEPH H. RAMSEY,	JAMES MacNAUGHTON,
ELIPHALET N. POTTER,	ABRAHAM LANSING,
JOHN F. RATHBONE,	JAMES D. WASSON,
GEORGE B. STEELE,	OSGOOD H. SHEPARD,
ALBION RANSOM,	WILLIAM L. LEARNED,
CLARENCE RATHBONE,	MATTHEW HALE,

DAVID MURRAY,
MAYOR OF ALBANY,
RECORDER OF ALBANY, } *Ex-officiis.*

CURATORS.

SAMUEL H. FREEMAN, M. D.,	- - - -	Albany, N. Y.
WILLIAM H. CRAIG, M. D.,	- - - -	Albany, N. Y.
JAMES D. FEATHERSTONHAUGH, M. D.,	-	Cohoes, N. Y.
LE ROY McLEAN, M. D.,	- - - -	Troy, N. Y.
WILLIAM H. BAILEY, M. D.,	- - - -	Albany, N. Y.

CATALOGUES.

are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M. D.,
REGISTRAR ALBANY MEDICAL COLLEGE,
4 Lancaster street, Albany, N. Y.

FACULTY.

THOMAS HUN, M. D., LL. D.,

Dean of the Faculty, and Emeritus Professor of the Institutes of Medicine.

ALBERT VANDER VEER, M. D., Ph. D.,

Professor of Surgery and Clinical Surgery.

MAURICE PERKINS, M. D.,

Professor of Chemical Philosophy and Organic Chemistry.

JOHN MILTON BIGELOW, M. D.,

Professor of Materia Medica, Therapeutics, Diseases of the Throat and Clinical Laryngoscopy.

LEWIS BALCH, M. D., Ph. D.,

Professor of Anatomy and Medical Jurisprudence.

SAMUEL BALDWIN WARD, M. D., Ph. D.,

Professor of Pathology, Practice, Clinical Medicine and Hygiene.

JAMES PETER BOYD, M. D.,

Professor of Obstetrics, Gynecology and Diseases of Children.

WILLIS GAYLORD TUCKER, M. D., Ph. D., REGISTRAR,

Professor of Inorganic and Analytical Chemistry and Toxicology.

WILLIAM HAILES, M. D.,

Anthony Professor of Histology, Pathological Anatomy and Clinical Surgery.

CYRUS STRONG MERRILL, M. D.,

Professor of Ophthalmology and Otology.

FRANKLIN TOWNSEND, M. D.,

Professor of Physiology.

FREDERIC COLTON CURTIS, M. D.,

Professor of Dermatology.

HENRY HUN, M. D.,

Professor of Diseases of the Nervous System and of Psychological Medicine.

SAMUEL ROSEBURGH MORROW, M. D.,

Adjunct Professor of Surgery and Lecturer on Anatomy.

JOSEPH DAVIS CRAIG, M. D.,

Demonstrator of Anatomy and Curator of the Museum.

ASSISTANTS IN THE FOLLOWING DEPARTMENTS:

ELMER EGBERT LARKIN, M. D., *Surgery.*

DANIEL H. COOK, M. D., *Materia Medica.*

JOSEPH DAVIS CRAIG, M. D., *Anatomy.*

SELWYN ABIJAH RUSSELL, M. D., *Clinical Medicine.*

ALBERT MARSH, M. D., *Obstetrics.*

THOMAS HINCKLEY WILLARD, M. D., *Histology.*

THEODORE FRELINGHUYSEN CORNELL VAN ALLEN, M. D., *Ophthalmology.*

JOHN VINCENT HENNESSY, M. D., *Physiology.*

CALENDAR, 1888-9.

	1888.	
Regular winter session begins	- - - -	Tuesday, September 25.
Election vacation begins	- - - -	Monday, November 5.
Lectures resumed	- - - -	Thursday, November 8.
Thanksgiving vacation begins	- - - -	Wed. afternoon, Nov. 28.
Lectures resumed	- - - -	Monday, December 3
Christmas vacation begins	- - - -	Monday, December 24.
	1889.	
Lectures resumed	- - - -	Thursday, January 3.
Lectures suspended for day	- - - -	Friday, February 22.
Commencement	- - - -	Wednesday, March 20.

PRELIMINARY EXAMINATION. Graduates from recognized academies, colleges, colleges of pharmacy, scientific schools or like institutions, and students presenting regents' or teachers' certificates or certificates of competency from the president or censors of the medical society of the county from which they come, will not be required to pass the preliminary examination on entering the school.

All others will be required to pass an examination by a page written at the time, of which the orthography, grammatical construction and penmanship will be considered, and in arithmetic, grammar, geography, and the elements of natural philosophy.

MONTHLY WRITTEN EXAMINATIONS of the candidates for primary or final examination are held during the term. A printed schedule of these examinations is furnished the class.

EXAMINATION IN PRIMARY STUDIES. Students who have attended two full courses of lectures in the departments of Anatomy, Physiology, Materia Medica and Chemistry may be examined on these subjects at the close of the term, and if the examinations are passed satisfactorily, they are examined only in the other three departments (Surgery, Practice and Obstetrics) at the end of their third course (see graded course, page 7).

CLINICS.

TUESDAY—4 P. M., St. Peter's (Gynecology), Prof. Townsend.

5 P. M., St. Peter's (Medical), Prof. Hun.

WEDNESDAY—10 A. M., Albany Hospital (Gynecology), Prof. Boyd.

11 A. M., Albany Hospital (Medical), Prof. Ward.

12 M., St. Peter's (Surgical), Prof. Hailes.

THURSDAY—12 M., Medical College (Dermatology), Prof. Curtis.

4 P. M., Medical College (Laryngology), Prof. Bigelow.

FRIDAY—12 M., Albany Hospital (Ophthalmology and Otolaryngology), Prof. Merrill.

5 P. M., St. Peter's (Neurology), Prof. Hun.

SATURDAY—11 A. M., Albany Hospital (Surgical) Prof. Vander Veer.

Clinic in Orthopædic Surgery at Child's Hospital during session.

1888-89.

Union University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School, and the Dudley Observatory, all at Albany, and Union College and the School of Civil Engineering at Schenectady.

The faculty are gratified in seeing that the changes made in the course of study, and the higher requirements demanded for graduation, continue to meet with the approval of the Alumni and the profession generally.

The college building, situated on Eagle street, is well appointed in its lecture rooms, laboratories, dissecting rooms, library and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting room and a physiological laboratory. *Special arrangements have been made by which an abundant supply of material is secured.* The chemical laboratory was rebuilt in 1884, and a two story building erected, fitted with every requisite for the illustration of the lectures, and the use of the students in practical chemistry, while "Alumni Hall," constituting the south wing of the college building, was greatly improved and refurnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises.

During the summer of 1887, the anatomical amphitheatre, in which most of the lectures are delivered, was entirely remodelled and furnished with roomy, comfortable chairs which proved a great improvement upon the benches which they replaced. The entire building is now heated by steam and the ventilation made perfect, so that all halls, lecture-rooms and ante-rooms are at all times equably warmed and amply supplied with fresh air. These improvements were completed before the opening of the last session.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations, unequalled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models recently

added by Dr. Vander Veer. The library of the college contains nearly 5,000 volumes, and additions to it are being constantly made.

The aim of the faculty is to make the course practical and scientific. It combines didactic lectures, recitations, practical work in the laboratories and dissecting room, and clinical instruction.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the Dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, are annually made, and are competed for by members of the graduating class.

COURSE OF INSTRUCTION.

Six or more lectures or clinics are given each week day except upon Saturday, when the forenoon only is occupied. Laboratory and dissecting classes, quizzes, etc., are arranged to meet at hours which do not conflict with the lectures. The order of lectures and clinics for the last session is given below, and that for 1888-89 will be essentially the same.

No. 2.

9-26-'87.

ALBANY MEDICAL COLLEGE

Order of Lectures and Clinics 1887-88.

Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9 A. M.	Materia Medica & Therapeutics. Prof. BIGELOW.	Histology and Pathological Anat. Prof. HAILES.	Materia Medica & Therapeutics. Prof. BIGELOW.	Histology and Pathological Anat. Prof. HAILES.	Materia Medica & Therapeutics. Prof. BIGELOW.	Chemistry. Prof. PERRINS.
10 A. M.	Diseases of Nervous System. Prof. H. HUN.	Obstet. & Diseases of Women & Child. Prof. BOYD.	Obstet. & Diseases of Women & Child. Prof. BOYD.	Surgery Prof. MORROW.	Surgery. Prof. MORROW.	Obstet. & Diseases of Women & Child. Prof. BOYD.
11 A. M.	Theory & Practice & Clinical Medicine. Prof. WARD.	Theory & Practice & Clinical Medicine Prof. WARD.	Medical Clinic Prof. WARD.	Theory & Practice & Clinical Medicine. Prof. WARD.	Theory & Practice & Clinical Medicine. Prof. WARD.	Surgical Clinic. ALBANY HOSPITAL 11 A. M. to 1 P. M. Prof. VAN DER VEER
12 M.	Surgery. Prof. VAN DER VEER.	Surgery. Prof. VAN DER VEER.	Surgery. Prof. VAN DER VEER.	Clinic. Skin Diseases. Prof. CURTIS.	Ophth'y & Otology, Eye & Ear Clinic. Prof. MERRILL.	
3 P. M.	Physiology. Prof. TOWNSEND.	Chemistry. Prof. TUCKER.	Physiology. Prof. TOWNSEND.	Chemistry. Prof. TUCKER.	Physiology. Prof. TOWNSEND.	
4 P. M.	Anatomy. Profs. BALCH and MORROW.	Anatomy. Profs. BALCH and MORROW.	Anatomy. Profs. BALCH and MORROW.	Clinic Throat Diseases. Prof. BIGELOW.	Chemistry. Prof. PERRINS.	

Prof. Balch will lecture on Med. Jurisprudence, Mondays at 5 P. M.
Surgical Clinics every Saturday at the Albany Hospital at 11 A. M.
Medical Clinics every Wednesday, at the Albany Hospital at 11 A. M.
Throat Clinic, Thursday, 4 P. M., and Diseases of the Skin, Thursday, 12 M.
Eye and Ear Clinic every Friday at the Albany Hospital at 12 M.
Gynaecological Clinic for Seniors, at St. Peter's Hospital, by Prof. Townsend, Tuesday at 4 P. M.
Clinics at St. Peter's and Child's Hospital. Hours announced hereafter.
Laboratory Classes in Practical Chemistry, under charge of Prof. Tucker.
Laboratory Classes in Normal and Pathol. Histology and Urinary Analysis by Prof. Hailes.

THREE YEARS' GRADED COURSE—DIVISION OF SUBJECTS.

The three years' course now required in this college (save as stated in the requirements for graduation at page 11) includes two full courses of lectures upon each subject, as follows: The first year the primary branches, anatomy, materia medica, physiology and chemistry shall be attended, and practical anatomy studied in the dissecting room, while the laboratory courses in chemistry and histology may be most advantageously pursued during this course. The second year the full course of lectures shall be attended, and at its conclusion the student may present himself for examination in the primary branches, and if these be passed satisfactorily, the third year the lectures upon theory and practice, surgery, obstetrics and the allied branches, only, need be attended. Students have the privilege of attending any or all other lectures if they deem it advisable, and if they fail to pass one or more of the primary branches, are examined upon such branch or branches at the end of the third year.

OUTLINES OF COURSES.

PRACTICE OF MEDICINE.—*Profs. Ward, Curtis and Hun.* The studies in pathology and practice are devoted to diagnosis, pathology, clinical study and treatment of diseases. Hygiene is considered with reference to its practical use by the practitioner. Study in some standard work on practice is recommended, and daily reviews of previous lectures are a part of the course. A systematic course of lectures on diseases of the nervous system is given, and a clinic of nervous diseases held each week. Clinics on insanity will be held each week at the asylum connected with the Albany Alms House. Diseases of the skin are taught by weekly didactic and clinical lectures.

SURGERY.—*Profs. Vander Veer, Merrill and Morrow.* In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia, pyæmia, poisoned wounds, etc., etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to take it up after becoming occupied with the details of practice. The course on operative surgery includes all the usual operations. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student.

All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

Ophthalmology and otology are taught by both didactic and clinical lectures; the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.—*Prof. Boyd.* This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the dispensary of the Albany Hospital.

CHEMISTRY.—*Profs. Perkins and Tucker.* The course in this department includes lectures upon certain branches of physics—more especially light, heat and electricity—the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations form a prominent feature in the course.

ANATOMY.—*Profs. Balch, Hailes and Morrow.* The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect under the direction of the demonstrator of anatomy before they can present themselves for final examination.

The course in histology, embryology and pathology consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc.

MATERIA MEDICA.—*Prof. Bigelow.* The lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

On diseases of the throat and nose, clinics are held each week by the same professor, and the student becomes familiar, not only with the diseases of these parts, but is also made acquainted with the various

methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.—*Prof. Townsend.* This branch is taught by means of didactic lectures, weekly recitations and frequent demonstrations upon the lower animals, the study being naturally divided into various departments, as physiological chemistry, physiological anatomy and histology, nutrition—comprising the subjects of digestion, absorption, secretion, the blood and its circulation—the nervous system, etc. The student thus can study the body “as a machine, learning the construction of its parts, the mechanism of their action, the materials with which it is supplied, the chemical transformation of its internal nutrition, as well as the phenomena which it exhibits in every department of the vital operations.”

LABORATORIES.

PRACTICAL CHEMISTRY. During the summer of 1884, the chemical laboratory was entirely rebuilt and refurnished throughout. A second story was added, giving abundance of room for the classes in practical chemistry, and furnishing every facility for the illustration of the lectures in the chemical department. The laboratory is open during the entire year, students being received singly or in classes, for instruction in chemical analysis and medical chemistry. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

The laboratory is well lighted and conveniently arranged. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus. During the lecture course the laboratory classes are so arranged as not to interfere with the lectures and other college exercises. Students are urged to avail themselves of the privileges thus afforded if possible during their first course of lectures.

PATHOLOGICAL ANATOMY AND HISTOLOGY. The study of minute anatomy, in the first instance by microscopes, is aided by illustrations before the class by means of the oxyhydrogen lantern.

Classes in embryology, normal and pathological histology (including the diagnosis of tumors, etc.) and the examination of the urine, will be formed immediately after the beginning of the session. The fee is \$10, including the use of the microscope, reagents and material.

The laboratory facilities of this college are unsurpassed, and special attention is given to these important branches. The laboratory is open daily for work in histology and pathology. Each student is furnished

with reagents, working table and a separate compartment for instruments, etc. The material for use in the various courses is abundant and in available form for study. While each student is required to make free-hand sections for examination, thousands of sections are cut upon a new freezing microtome devised by Prof. Wm. Hailes, who is in charge of this department. The sections of the various representative tissues and organs are cut from 1-1000 to 1-1600 of an inch in thickness, and furnished to each student, during the course in both normal and pathological histology, who is also supplied with a series of outline plates or charts (according to the plan suggested by Prof. Sterling, of Aberdeen, Scotland), in which the main features of the part to be examined are indicated, and he is required to fill out the necessary details. At the end of the course, therefore, each student will be in possession of a full set of microscopic preparations, and of an atlas representing the structure of the more important points. Thus the student at once begins to acquire the art of representing on paper what he sees through the microscope.

FEES AND EXPENSES.

All fees are payable in advance, and are as follows : For matriculation, five dollars, payable each year ; for the year's lectures, one hundred dollars ; perpetual lecture ticket, entitling to attendance upon two or more courses, one hundred and fifty dollars. Students who have attended two full courses of lectures at this college will be required to pay only the matriculation fee. Students who have attended two full courses of lectures at other accredited medical colleges will be required to pay twenty-five dollars and the matriculation fee. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon paying the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course ; dissecting material is free, and there are no incidentals in this department. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination. Courses in the chemical laboratory and in histology, ten dollars each.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates. This plan has been adopted by many students, and several mess clubs are organized annually.

INCENTIVES.

SURGICAL PRIZES. Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics.

Professor Merrill offers a prize for the best report of the eye and ear clinics, and Professor Townsend offers a prize to the student of the junior class presenting the best report of the lectures upon physiology at the close of the term.

To the senior student passing the best final examination, Dr. T. W. Nellis offers a prize consisting of a case of surgical instruments.

HOSPITAL APPOINTMENTS. At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray HISTOLOGY—Frey, Satterthwaite PATHOLOGICAL ANATOMY—Greene, Woodhead.	Holden, Holden's Osteology, Sharpey and Quain, Stricker. [Weisse. Cornil & Ranvier, Wagner.
PHYSIOLOGY—Dalton.	Flint, Foster, Yeo's Manual, Kirke, Sanderson.
MAT. MED. & THERAPEUTICS—Bartholow, Wood. THROAT AND NOSE—Sajous.	Ringer, U. S. Dispensatory. Cohen, Mackenzie.
CHEMICAL PHILOSOPHY—Fownes. ORGANIC CHEMISTRY—Fownes. INORGANIC—Clarke's Elements. ANALYTICAL CHEMISTRY—Crafts. MED. JURISPRUDENCE AND TOXICOLOGY—Taylor. CHEMISTRY OF URINE—Legg, Tyson	Withaus. Dewar, Rolfe's Clin. Chem. Fownes, Witthaus, Simon. Fresenius. Wharton and Stillé, Woodman and Tidy. Thudichum, Neubauer and Vogel.
THEORY AND PRACTICE—Loomis. HYGIENE—Rohé, Wilson PSYCHOLOGICAL MEDICINE—Griesinger DERMATOLOGY—Bulkeley, Van Harlingen. DISEASES NERVOUS SYSTEM—Strümpell.	Bartholow, Flint, Aitken, Strümpell. Parkes. Bucknill & Tuke, Blanford. Duhring. Ross' Treatise.
FRACTURES AND DISLOCATIONS—Hamilton. PRIN. AND PRAC. OF SURGERY—Bryant. SURGICAL PATHOLOGY—Billroth. OPERATIVE SURGERY—Smith's Hand-Book SURGICAL DIAGNOSIS—Ranney OPHTHALMOLOGY—Juler. OTOLOGY—Roosa, Burnet.	Stimson. Gross, Wyeth, Holmes, Erichsen, Smith. Paget, Bernard & Huette. Wells, Stellweg. Politzer.
OBSTETRICS—Lusk. GYNECOLOGY—Emmet. DISEASES OF CHILDREN—Smith, J. Lewis.	Playfair, Leishman, King. Barnes, Mundé, Winckel. Meigs & Pepper, Goodhart.

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a term of three years.

He must have attended a three years' graded course of lectures in this college, or the equivalent of the first course thereof elsewhere, and the last two courses in this college, or the equivalent of the first two courses thereof elsewhere, and the last course in this college, provided : (1) that graduates of recognized literary colleges, scientific schools or colleges of pharmacy will be allowed to present themselves for graduation at the end of their second full course if all other requirements for graduation are fulfilled ; (2) that students desiring to enter the second year class, may do so if they successfully pass an examination in anatomy, materia medica, chemistry and physiology, and are deemed competent so to enter, and (3) that students who have attended a full course of lectures in this college or elsewhere, may enter the senior class on passing a satisfactory entrance examination in all the departments. Students entering the second year class in either instance, as above provided, must attend the full course of lectures each year, and are examined in all the branches at the end of the second course. Students entering the senior class as above provided, must attend the full course of lectures, and are examined in all the branches at its close.

He must be of good moral character.

He must deliver to the registrar, six weeks before the end of the term, a thesis written by himself on some medical subject, and be prepared to defend it at his examination. Theses must be written upon paper ten inches by eight inches in size, with a wide margin on the inside of each page.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing.

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,
4 Lancaster St., Albany, N. Y.

June 1st, 1888.

MATRICULANTS

OF FIFTY-SEVENTH SESSION, 1887-88.

NAME.	STATE.	PRECEPTOR.
Will Augustine Alexander...	N. Y..	<i>Dr. O. C. Alexander.</i>
Robert Matthews Andrews..	N. Y..	<i>Drs. A. De Graff and M. J. Levi.</i>
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Edward Willers Campbell ..	N. Y..	<i>Drs. G. E. Gorham and C. E. Jones.</i>
William Melancton Campbell	N. Y..	<i>Drs. M. W. Campbell and E. Zeh.</i>
Fred Carr.....	N. Y..	<i>D. F. M. Boyce.</i>
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Merlin Jay Zeh	N. Y..	<i>Drs. J. C. Shiland and A. E. Tuck.</i>

GRADUATES OF 1888, WITH SUBJECTS OF THESES.

COMMENCEMENT EXERCISES HELD AT LELAND OPERA HOUSE,
MARCH 15, 1888.

Robert Matthews Andrews.....	<i>Cholera Infantum.</i>	
John Archibold.....	<i>Acute Pleurisy.</i>	
Fred Morgan Barney.....	<i>Croupous Laryngitis.</i>	
David James Barry.....	<i>Diphtheria.</i>	
Rudolph Bestle.....	<i>Chronic Nephritis.</i>	
Fred Carr.....	<i>Anaesthetics.</i>	
Charles Francis Clowe.....	<i>Inflammation.</i>	
James Cronin.....	<i>Diabetes Mellitus.</i>	
Charles Burdick Cunningham.....	<i>Acute Articular Rheumatism.</i>	
Zopher Finch Dunning.....	<i>Acute Articular Rheumatism.</i>	
John Joseph Evans.....	<i>Hypermetropia.</i>	
Willard Henry Fox.....	<i>Medical Amenities.</i>	
Alfred Frederick Hodgman.....	<i>Post-partum Hemorrhage.</i>	
William Hutchinson.....	<i>Water as a Therapeutic Agent.</i>	
Michael Keenan, Jr.....	<i>Laceration of the Cervix.</i>	
Frank Herbert Lee.....	<i>Massage.</i>	
George Gustave Lempe.....	<i>Cretinism.</i>	
Ellis Lengfeld.....	<i>Asthma.</i>	
Emerson Augustus Ludden.....	<i>Hygiene and Sanitary Science.</i>	
Robert Forgie Macfarlane.....	<i>Infantile Paralysis.</i>	
John Miller McClellan.....	<i>Scrotal Tumors.</i>	
John Sampson Newcomb.....	<i>Diphtheria.</i>	[in Syphilis.]
William Thomas Peet.....	<i>Uses of Iodide Potassium and Mercury</i>	
Everett Eli Potter.....	<i>Dislocations of the Hip.</i>	
John Scott Boyd Pratt.....	<i>Fracture of the Clavicle.</i>	
John Wesley Quinlan.....	<i>Acute Pericarditis.</i>	
George Palmer Rider.....	<i>Peritonitis.</i>	
Charles Darius Rogers.....	<i>Absorption.</i>	
Edward Fitzgerald Sheehan.....	<i>Acute or Dry Pleurisy.</i>	
Dennis Miller Smith.....	<i>Mercury.</i>	
Frank Townsend Stannard.....	<i>Ether as an Anaesthetic.</i>	
Myron Ebenezer Stephens.....	<i>Fractura Cervicis Femoris.</i>	
John Joseph Timlin.....	<i>Fractures of the Shaft of the Femur.</i>	
Albert Lake Tuttle.....	<i>Treatment of Morbus Coxæ.</i>	
Edward Brand Wells.....	<i>Diphtheria.</i>	
Frank Augustus Winship.....	<i>Dietetics.</i>	
Adelbert Warner Witter.....	<i>Acute Peritonitis.</i>	

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE.

INCORPORATED FEBRUARY 6TH, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 1804. Names and addresses upon the roll, 1111. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

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DR. JOHN L. SCHOOLCRAFT ('79), Schenectady, N. Y.

DR. WILLIAM O. STILLMAN ('78), Albany, N. Y.

together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex-officiis*.

The next annual meeting will be held in the college building on Wednesday, March 20th, 1889. The Alumni dinner will take place in the evening. So far as their addresses can be ascertained, all graduates of the college are notified of the annual meeting through the mail. Those who do not receive such notice regularly, are requested to furnish the secretary with their addresses, and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. T. W. Nellis, Treasurer, Albany, N. Y.

WILLIAM H. BAILEY, M. D., *President*.

WILLIS G. TUCKER, M. D., *Rec. Sec'y*,

Albany Medical College, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.

DEPARTMENT OF PHARMACY, UNION UNIVERSITY.

SESSION OF 1888-89.

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The eighth course of lectures will open on Monday, October 1, 1888, and close March 5, 1889. The exercises of the college are held in the Albany Medical College building on Eagle street.

The following constitute the faculty:

WILLIS G. TUCKER, M. D., Ph. D., President,
Professor of Chemistry.

ALFRED B. HUESTED, M. D., Ph. G., Secretary,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph. G.,
Professor of Pharmacy.

The course extends over two years, divided into junior and senior classes, composed of first and second year students respectively. Three or more lectures are delivered to each class each week besides laboratory classes and other exercises. Senior lectures on Monday, Wednesday and Friday evenings, and junior lectures on Tuesday and Thursday evenings and Saturday afternoons. Candidates for the degree of *Graduate in Pharmacy (Ph. G.)* must attend two full courses of lectures, be at least twenty-one years of age, submit a thesis and pass the required examinations. They must also have served at least four years with some reputable pharmacist. Fees: Matriculation fee (paid but once), \$3.00; lecture tickets for full course (with no charge for courses after the second), per session, \$30.00; laboratory fee, \$15.00; graduation fee, \$10.00. Various prizes are awarded to meritorious students at the close of the term.

For catalogues, or further information, address

ALFRED B. HUESTED, M. D., *Secretary,*
144 State St., Albany, N. Y.

DUDLEY OBSERVATORY, ALBANY.

This department of Union University was reorganized in the summer of 1876. The buildings and scientific apparatus of the observatory constitute an effective equipment for purposes of astronomical investigation, in which it is constantly employed.

Visitors are admitted only on Tuesday evenings, from 8 to 10 o'clock and on passes obtainable from members of the Board of Trustees.

DIRECTOR—PROF. LEWIS BOSS, A. M.

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The object of this department, which was organized in UNION COLLEGE in 1845, is to give its students such instruction in the theory and practice of CIVIL ENGINEERING as to qualify them for immediate usefulness in the field and office in subordinate relations, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice.

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UNION COLLEGE.

The College offers to students the usual classical course, a scientific course (embracing more of mathematical and English studies; also modern languages or Latin), an engineering, a chemical and an eclectic course; also post-graduate courses. There is also a department of physical training and one of military instruction.

Union College students have the privilege of attending the medical lectures of the Albany Medical College without expense, and matriculation is granted to Union College graduates without examination.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismissal and pass satisfactory examination.

The fee for tuition and room is \$30 a term, payable in advance, with \$5 for Freshman entrance, \$7 for Sophomore, \$9 for Junior, \$12 for Senior, unless the student comes from another college. Board costs \$3.75 a week. Scholarships exist, yielding some remission on term bill. Commencement occurs always on the fourth Wednesday of June. Fall term of 1888 begins September 19th. Entrance examinations are held on the two days following commencement, and the two preceding any term.

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CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE,

Medical Department of Union University.

58th Session, 1888-89,



AND

Announcement for Session, 1889-90.

ALBANY, N. Y.
BURDICK & TAYLOR, PRINTERS.
1889.

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JAMES F. EARLEY, M. D.

CATALOGUE
OF THE
ALBANY MEDICAL COLLEGE,

Medical Department of Union University.

58th Session, 1888-89,



AND

Announcement for Session, 1889-90.

ALBANY, N. Y.
BURDICK & TAYLOR, PRINTERS.

1889.
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CURATORS.

SAMUEL H. FREEMAN, M. D.,	- - - -	Albany, N. Y.
WILLIAM H. CRAIG, M. D.,	- - - -	Albany, N. Y.
JAMES D. FEATHERSTONHAUGH, M. D.,	-	Cohoes, N. Y.
LE ROY McLEAN, M. D.,	- - - -	Troy, N. Y.
WILLIAM H. BAILEY, M. D.,	- - - -	Albany, N. Y.

CATALOGUES

are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M. D.,
REGISTRAR ALBANY MEDICAL COLLEGE,
4 Lancaster street, Albany, N. Y.

FACULTY.

HARRISON EDWIN WEBSTER, LL.D.,
President of the University.

THOMAS HUN, M. D., LL.D.,
Dean of the Faculty, and Emeritus Professor of the Institutes of Medicine.

ALBERT VANDER VEER, M. D., Ph. D.,
Professor of Didactic, Abdominal and Clinical Surgery.

MAURICE PERKINS, M. D.,
Professor of Chemical Philosophy and Organic Chemistry.

JOHN MILTON BIGELOW, M. D.,
Professor of Materia Medica, Therapeutics and Diseases of Throat and Nose.

LEWIS BALCH, M. D., Ph. D.,
Professor of Anatomy and Medical Jurisprudence.

SAMUEL BALDWIN WARD, M. D., Ph. D.,
Professor of Theory and Practice of Medicine.

JAMES PETER BOYD, M. D.,
Professor of Obstetrics, Gynecology and Diseases of Children.

WILLIS GAYLORD TUCKER, M. D., Ph. D., REGISTRAR,
Professor of Inorganic and Analytical Chemistry and Toxicology.

WILLIAM HAILES, M. D.,
Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.

CYRUS STRONG MERRILL, M. D.,
Professor of Ophthalmology and Otology.

FRANKLIN TOWNSEND, M. D.,
Professor of Physiology.

FREDERIC COLTON CURTIS, M. D.,
Professor of Dermatology.

HENRY HUN, M. D.,
Professor of Diseases of the Nervous System and of Psychological Medicine.

SAMUEL ROSEBURGH MORROW, M. D.,
Adjunct Professor of Anatomy and Orthopædic Surgery.

JOSEPH DAVIS CRAIG, M. D.,
Demonstrator of Anatomy and Curator of the Museum.

ASSISTANTS IN THE FOLLOWING DEPARTMENTS:

ELMER EGBERT LARKIN, M. D., *Surgery.*

WILLIS GOSS McDONALD, M. D., *Abdominal Surgery.*

DANIEL H. COOK, M. D., *Materia Medica.*

JOSEPH DAVIS CRAIG, M. D., *Anatomy.*

SELWYN ABIJAH RUSSELL, M. D., *Clinical Medicine.*

ALBERT MARSH, M. D., *Obstetrics.*

THOMAS HINCKLEY WILLARD, M. D., *Histology.*

THEODORE FRELINGHUYSEN CORNELL VAN ALLEN, M. D., *Ophthalmology.*

JOHN VINCENT HENNESSY, M. D., *Physiology.*

CALENDAR, 1889-90.

1889.

Regular winter session begins	- -	Tuesday, September 24.
Thanksgiving vacation begins	- - -	Wednesday afternoon, Nov. 27.
Lectures resumed	- - -	Monday, December 2.
Christmas vacation begins	- - -	Tuesday, December 24.

1890.

Lectures resumed	- - - -	Friday, January 3.
Lectures suspended for day	- -	Saturday, February 22.
Commencement	- - - -	Wednesday, March 19.

PRELIMINARY EXAMINATION. Graduates from recognized academies, colleges, colleges of pharmacy, scientific schools or like institutions, and students presenting regents' or teachers' certificates or certificates of competency from the president or censors of the medical society of the county from which they come, will not be required to pass the preliminary examination on entering the school.

All others will be required to pass an examination by a page written at the time, of which the orthography, grammatical construction and penmanship will be considered, and in arithmetic, grammar, geography, and the elements of natural philosophy.

MONTHLY WRITTEN EXAMINATIONS of the candidates for primary or final examination are held during the term. A printed schedule of these examinations is furnished the class.

EXAMINATION IN PRIMARY STUDIES. Students who have attended two full courses of lectures in the departments of Anatomy, Physiology, Materia Medica and Chemistry may be examined on these subjects at the close of the term, and if the examinations are passed satisfactorily, they are examined only in the other three departments (Surgery, Practice and Obstetrics) at the end of their third course (see graded course, page 6).

CLINICS.

TUESDAY—4 P. M., St. Peter's (Gynecology), Prof. Townsend.
5 P. M., St. Peter's (Medical), Prof. Hun.

WEDNESDAY—10 A. M., Albany Hospital (Gynecology), Prof. Boyd.
11 A. M., Albany Hospital (Medical), Prof. Ward.
12 M., St. Peter's (Surgical), Prof. Hailes.

THURSDAY—12 M., Medical College (Dermatology), Prof. Curtis.
4 P. M., Medical College (Laryngology), Prof. Bigelow.

FRIDAY—12 M., Albany Hospital (Ophthalmology and Otology), Prof. Merrill.
5 P. M., St. Peter's (Neurology), Prof. Hun.

SATURDAY—11 A. M., Albany Hospital (Surgical), Prof. Vander Veer.

Clinics in Orthopædic Surgery at Child's Hospital during session.

1889-90.

Union University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School, and the Dudley Observatory, all at Albany, and Union College and the School of Civil Engineering at Schenectady.

The faculty are gratified in seeing that the changes made in the course of study, and the high requirements demanded for graduation, continue to meet with the approval of the Alumni and the profession generally.

The college building, situated on Eagle street, is well appointed in its lecture rooms, laboratories, dissecting rooms, library and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting room and a physiological laboratory. *Special arrangements have been made by which an abundant supply of material is secured.* The chemical laboratory was rebuilt in 1884, and a two story building erected, fitted with every requisite for the illustration of the lectures, and the use of the students in practical chemistry, while "Alumni Hall," constituting the south wing of the college building, was greatly improved and refurnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises.

During the summer of 1887, the anatomical amphitheatre, in which most of the lectures are delivered, was entirely remodelled and furnished with roomy, comfortable chairs, and the entire building is now heated by steam, and all halls, lecture-rooms and ante-rooms equally warmed and amply supplied with fresh air.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations, unequaled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models recently added by Dr. Vander Veer. The library of the college contains nearly 5,000 volumes, and additions to it are being constantly made.

The aim of the faculty is to make the course practical and scientific. It combines didactic lectures, recitations, practical work in the laboratories and dissecting room, and clinical instruction.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the Dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, are annually made and competed for by members of the graduating class.

COURSE OF INSTRUCTION.

Six or more lectures or clinics are given each week day except upon Saturday, when the forenoon only is occupied. Laboratory and dissecting classes, quizzes, etc., are arranged to meet at hours which do not conflict with the lectures. Regular recitations on primary branches will hereafter be held during the term, which first course students will be required to attend. The order of lectures and clinics for the last session is given below, and that for 1889-90 will be essentially the same.

No. 1.

9-25-'88.

ALBANY MEDICAL COLLEGE.

Order of Lectures and Clinics 1888-89.

Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9 A. M.	Materia Medica & Therapeutics. Prof. BIGELOW.	Histology and Pathological Anat. Prof. HAILES.	Materia Medica & Therapeutics. Prof. BIGELOW.	Histology and Pathological Anat. Prof. HAILES.	Materia Medica & Therapeutics. Prof. BIGELOW.	Chemistry. Prof. PERKINS.
10 A. M.	Diseases of Nervous System. Prof. H. HUN.	Obstet. & Diseases of Women & Child. Prof. BOYD.	Obstet. & Diseases of Women & Child. Prof. BOYD.	Surgery. Prof. MORROW.	Surgery. Prof. MORROW.	Obstet. & Diseases of Women & Child. Prof. BOYD.
11 A. M.	Theory & Practice & Clinical Medicine. Prof. WARD.	Theory & Practice & Clinical Medicine. Prof. WARD.	Medical Clinic. Prof. WARD.	Theory & Practice & Clinical Medicine. Prof. WARD.	Theory & Practice & Clinical Medicine. Prof. WARD.	Surgical Clinic. ALBANY HOSPITAL.
12 M.	Surgery. Prof. VAN DER VEER.	Surgery. Prof. VAN DER VEER.	Surgery. Prof. VAN DER VEER.	Clinic. Skin Diseases. Prof. CURTIS.	Ophth'y & Otology, Eye & Ear Clinic. Prof. MERRILL.	11 A. M. to 1 P. M. Prof. VAN DER VEER
3 P. M.	Physiology. Prof. TOWNSEND.	Chemistry. Prof. TUCKER.	Physiology. Prof. TOWNSEND.	Chemistry. Prof. TUCKER.	Physiology. Prof. TOWNSEND.	
4 P. M.	Anatomy. Profs. BALCH and MORROW.	Anatomy. Profs. BALCH and MORROW.	Anatomy. Profs. BALCH and MORROW.	Clinic Throat Diseases. Prof. BIGELOW.	Chemistry. Prof. PERKINS.	

Prof. Balch will lecture on Med. Jurisprudence, Mondays at 5 P. M.

Surgical Clinics every Saturday at the Albany Hospital at 11 A. M.

Medical Clinics every Wednesday, at the Albany Hospital at 11 A. M.

Throat Clinic, Thursday, 4 P. M., and Diseases of the Skin, Thursday, 12 M.

Eye and Ear Clinic every Friday at the Albany Hospital at 12 M.

Gynaecological Clinic, Wednesday, 10 A. M., Albany Hospital.

Gynaecological Clinic for Seniors, Prof. Townsend, St. Peter's Hospital, Tuesday at 4 P. M.

Medical Clinic, St. Peter's, Tuesday, 5 P. M., and Neurological, Friday, 5 P. M., by Prof. Hun.

Surgical Clinic, St. Peter's, Wednesday, 12 M., by Prof. Hailes.

Clinic in Orthopædic Surgery at Child's Hospital during session.

Laboratory Classes in Practical Chemistry, under charge of Prof. Tucker.

Laboratory Classes in Normal and Pathol. Histology and Urinary Analysis by Prof. Hailes.

THREE YEARS' GRADED COURSE—DIVISION OF SUBJECTS.

The three years' course now required in this college (save as stated in the requirements for graduation at page 11) includes two full courses of lectures upon each subject, as follows: The first year the primary branches, anatomy, materia medica, physiology and chemistry shall be attended, with recitations upon these subjects, and practical anatomy studied in the dissecting room, while the laboratory courses in chemistry and histology may be most advantageously pursued during this course. The second year the full course of lectures, with clinics and recitations, shall be attended, and at its conclusion the student may present himself for exam-

ination in the primary branches, and if these be passed satisfactorily, the third year the lectures, clinics and recitations upon theory and practice, surgery, obstetrics and the allied branches, only, need be attended. Students have the privilege of attending any or all other lectures if they deem it advisable, and if they fail to pass one or more of the primary branches, are examined upon such branch or branches at the end of the third year.

OUTLINES OF COURSES.

PRACTICE OF MEDICINE.—*Profs. Ward, Curtis and Hun.*

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens. These lectures are supplemented by study in some standard text-book, and each week the students are examined by Dr. Russell, his clinical assistant, on the subject matter of the lectures of that week.

Hygiene is taught by Prof. Ward in lectures which have special reference to the needs of the general practitioner.

Diseases of the Heart and Lungs. Prof. Hun delivers two lectures each week on this subject. These lectures are illustrated with pathological specimens, and each lecture is preceded by a short recitation on the preceding lecture.

Clinical Medicine. Prof. Ward holds a medical clinic each week, in the amphitheatre of the Albany Hospital, before the junior and senior classes; and Prof. Hun holds a medical clinic each week, in St. Peter's or the Child's Hospital, before the senior class. In these clinics the students have opportunities for the personal examination of patients; their examination and diagnosis being criticised by the professor.

Auscultation and Percussion and Physical Examination is taught practically by Dr. Russell to the senior class, which for this purpose is divided up into small groups.

Diseases of the Nervous System. Prof. Hun delivers a didactic lecture and also holds a clinic on this subject each week. (During the first month of each term both hours are devoted to a short course on the anatomy and physiology of the nervous system.) At the clinic the students are trained practically in the examination of patients and in the method of arriving at a diagnosis.

Insanity. In the early part of the term, Prof. Hun delivers a short course of lectures on this subject and holds clinics at the asylum connected with the alms house.

Diseases of the Skin. Prof. Curtis delivers each week on this subject a lecture which is illustrated with plates and with a large number of patients.

SURGERY.—*Profs. Vander Veer, Hailes, Merrill and Morrow.* In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia, pyæmia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to

take it up after becoming occupied with the details of practice. The course on operative surgery includes all the usual operations. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

Fractures and Dislocations. This subject will be treated in a practical manner, a thorough course of lectures being given, in which the various fractures and dislocations will be illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, will be taught in the lecture-room, and followed by clinical instruction at the hospital, senior students being required to examine and diagnose injuries, and to select, prepare and apply the proper dressings for reduction and for the retention of the appliances used.

Ophthalmology and Otology are taught by both didactic and clinical lectures; the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

Orthopædic Surgery will be taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.—*Prof. Boyd.* This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the dispensary of the Albany Hospital.

CHEMISTRY.—*Profs. Perkins and Tucker.* The course in this department includes lectures upon certain branches of physics—more especially light, heat and electricity—the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations form a prominent feature in the course.

ANATOMY.—*Profs. Balch, Hailes and Morrow.* The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect under the direction of the demonstrator of anatomy before they can present themselves for final examination.

The course in histology, embryology and pathology consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc.

MATERIA MEDICA.—*Prof. Bigelow.* The lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and

preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

Diseases of the Throat and Nose. Clinics are held each week by the same professor, and the student familiarized with the diseases of these parts, and made acquainted with the various methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.—*Prof. Townsend.* This branch is taught by means of didactic lectures, weekly recitations and frequent demonstrations upon the lower animals, the study being naturally divided into several departments, as physiological chemistry, physiological anatomy and histology, nutrition—comprising the subjects of digestion, absorption, secretion, the blood and its circulation—the nervous system, etc. The student thus can study the body “as a machine, learning the construction of its parts, the mechanism of their action, the materials with which it is supplied, the chemical transformation of its internal nutrition, as well as the phenomena which it exhibits in every department of the vital operations.”

LABORATORIES.

PRACTICAL CHEMISTRY. During the summer of 1884, the chemical laboratory was entirely rebuilt and refurnished throughout. A second story was added, giving abundance of room for the classes in practical chemistry, and furnishing every facility for the illustration of the lectures in the chemical department. The laboratory is open during the entire year, students being received singly or in classes, for instruction in chemical analysis and medical chemistry. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

The laboratory is well lighted and conveniently arranged. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus. During the lecture course the laboratory classes are so arranged as not to interfere with the lectures or other college exercises. Students are urged to avail themselves of the privileges thus afforded, if possible, during their first course of lectures.

PATHOLOGICAL ANATOMY AND HISTOLOGY. The study of minute anatomy, in the first instance by microscopes, is aided by illustrations before the class by means of the oxyhydrogen lantern.

Classes in embryology, normal and pathological histology (including the diagnosis of tumors, etc.,) and the examination of the urine, will be formed immediately after the beginning of the session. The fee is \$10, including the use of the microscope, reagents and material.

The laboratory facilities of this college are unsurpassed, and special attention is given to these important branches. The laboratory is open daily for work in histology and pathology. Each student is furnished

with reagents, working table and a separate compartment for instruments, etc. The material for use in the various courses is abundant and in available form for study. While each student is required to make free-hand sections for examination, thousands of sections are cut upon a new freezing microtome devised by Prof. Wm. Hailes, who is in charge of this department. The sections of the various representative tissues and organs are cut from 1-1000 to 1-1600 of an inch in thickness, and furnished to each student, during the course in both normal and pathological histology, who is also supplied with a series of outline plates or charts (according to the plan suggested by Prof. Sterling, of Aberdeen, Scotland), in which the main features of the part to be examined are indicated, and he is required to fill out the necessary details. At the end of the course, therefore, each student will be in possession of a full set of microscopic preparations, and of an atlas representing the structure of the more important points. Thus the student at once begins to acquire the art of representing on paper what he sees through the microscope.

FEES AND EXPENSES.

All fees are payable in advance, and are as follows: For matriculation, five dollars, payable each year; for the year's lectures, one hundred dollars; perpetual lecture ticket, entitling to attendance upon two or more courses, one hundred and fifty dollars. Students who have attended two full courses of lectures at this college will be required to pay only the matriculation fee. Students who have attended two full courses of lectures at other accredited medical colleges will be required to pay twenty-five dollars and the matriculation fee. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon paying the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course; dissecting material is free, and there are no incidentals in this department. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination. Courses in the chemical laboratory and in histology, ten dollars each.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates. This plan has been adopted by many students, and several mess clubs are organized annually.

INCENTIVES.

SURGICAL PRIZES. Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics. Professor Merrill offers a prize for the best report of the eye and ear clinics, and Professor Townsend offers a prize to the student of the junior class presenting the best report of the lectures upon physiology at the close of the term.

HOSPITAL APPOINTMENTS. At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray	Holden, Holden's Osteology, Sharpey and Quain, Stricker. [Weisse.
HISTOLOGY—Frey, Satterthwaite	Cornil & Ranvier, Wagner.
PATHOLOGICAL ANATOMY—Greene, Woodhead	Flint, Foster, Yeo's Manual, Kirke, Sanderson.
PHYSIOLOGY—Dalton	Ringer, U. S. Dispensatory. Cohen, Mackenzie.
MAT. MED. & THERAPEUTICS—Bartholow, Wood ..	Withhaus.
THROAT AND NOSE—Sajous	Remsen, Rolfe's Clin. Chem. Fownes, Withhaus, Simon. Fresenius.
CHEMICAL PHILOSOPHY—Fownes	Wharton and Stillé, Woodman and Tidy. Thudichum, Neubauer and Vogel.
ORGANIC CHEMISTRY—Fownes	Bartholow, Flint, Aitken, Strümpell. Parkes.
INORGANIC—Clarke's Elements	Bucknill & Tuke. Duhring. Gowers.
ANALYTICAL CHEMISTRY—Crafts	Stimson.
MED. JURISPRUD. AND TOXICOL.—Taylor, Wormley ..	Gross, Wyeth, Holmes, Erichsen, Smith. Paget. Bernard & Huette.
CHEMISTRY OF URINE—Tyson	Wells, Stellwag. Politzer.
THEORY AND PRACTICE—Loomis	Playfair, Leishman, King, Parvin. Barnes, Mundé, Winkel, Skene. Meigs and Pepper, Goodhart, Henoch.
HYGIENE—Rohé, Wilson	
PSYCHOLOGICAL MEDICINE—Spitzka	
DERMATOLOGY—Bulkley, Van Harlingen	
DISEASES NERVOUS SYSTEM—Strümpell	
FRACTURES AND DISLOCATIONS—Hamilton	
PRIN. AND PRAC. OF SURGERY—Bryant	
SURGICAL PATHOLOGY—Billroth	
OPERATIVE SURGERY—Smith's Hand-Book	
SURGICAL DIAGNOSIS—Ranney	
OPHTHALMOLOGY—Juler	
OTOLOGY—Roosa, Burnet	
OBSTETRICS—Lusk	
GYNECOLOGY—Emmet	
DISEASES OF CHILDREN—Smith, J. Lewis	

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a term of three years.

He must have attended a three years' graded course of lectures in this college, or the equivalent of the first course thereof elsewhere, and the last two courses in this college, or the equivalent of the first two courses thereof elsewhere, and the last (full) course in this college, provided: (1) that graduates of recognized literary colleges, scientific schools or colleges of pharmacy will be allowed to present themselves for graduation at the end of their second full course if all other requirements for graduation are fulfilled; (2) that students desiring to enter the second year class, may do so if they successfully pass an examination in anatomy, materia medica, chemistry and physiology, and are deemed competent so to enter, and (3) that students who have attended a full course of lectures in this college or elsewhere, may enter the senior class on passing a satisfactory entrance examination in all the departments. Students entering the second year class in either instance, as above provided, must attend the full course of lectures each year, and are examined in all the branches at the end of the second course. Students entering the senior class as above provided, must attend the full course of lectures, and are examined in all the branches at its close.

He must must be of good moral character.

He must deliver to the registrar, six weeks before the end of the term,

a thesis written by himself on some medical subject, and be prepared to defend it at his examination. Theses must be written upon paper ten inches by eight inches in size, with a wide margin on the inside of each page.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing.

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,
4 Lancaster Street, Albany, N. Y.

June 1st, 1889.

MATRICULANTS

OF FIFTY-EIGHTH SESSION, 1888-89.

NAME.	STATE.	PRECEPTOR.
William Samuel Ackert	N. Y..	<i>Dr. C. S. Van Etten.</i>
Will Augustine Alexander..	N. Y..	<i>Dr. O. C. Alexander.</i>
Horatio Seymour Ansley... .	N. Y..	<i>Dr. John Swinburne.</i>
Andrew Herbert Bayard	N. Y..	<i>Drs. A. L. Browne and Wm. Hailes.</i>
Frank Augustus Bell.....	N. Y..	<i>Drs. W. W. Hall and J. H. Van Rensselaer.</i>
Howard Francis Bonesteel..	N. Y..	<i>Dr. William N. Bonesteel.</i>
Burton Sylvander Booth....	N. Y..	<i>Drs. L. McLean and C. C. Schuyler.</i>
Charles Henry Booth.....	N. Y..	<i>Dr. C. C. Schuyler.</i>
John Molyneaux Bowman..	N. Y..	<i>Dr. A. C. Hall.</i>
James Edward Brennan....	N. Y..	<i>Dr. S. B. Ward and D. V. O'Leary.</i>
Charles Gilchrist Briggs....	N. Y..	<i>Drs. P. C. Curtis and A. Vander Veer.</i>
Henry Wilson Brown	Mass..	<i>Drs. P. P. Comey, L. B. Rulison and E. A. Bartlett.</i>
Merton Wheelock Brown... .	N. Y..	<i>Dr. Wm. H. Brown.</i>
Charles Smith Bumstead ...	N. Y..	<i>Dr. H. J. Wood.</i>
A. Marshall Burt.....	N. Y..	<i>Drs. S. R. Morrow and C. E. Crandall.</i>
Charles Harlow Callender..	Mass..	<i>Drs. B. S. and C. P. McCabe.</i>
William Melancthon Camp- bell	N. Y..	<i>Drs. M. W. Campbell and E. Zeh.</i>
Tompkins Wild Charles....	N. Y..	<i>Drs. L. Balch and W. P. Brierley.</i>
Samuel Chesebrough	N. Y..	<i>Dr. C. A. Foster.</i>
Frank Melville Clement, } Ph. G.....	N. Y..	<i>Drs. T. K. Perry and F. Townsend.</i>
Albert Crocker Cobb	Mass..	<i>Dr. D. H. Cannon.</i>
John Hunting Cobb.....	N. Y..	<i>Dr. J. W. Cobb.</i>
Willis Sylvester Cobb.....	Mass..	<i>Dr. R. Beebe.</i>

- Edward Bernard Coburn, } N. Y.. *Dr. E. S. Coburn.*
 A. B. }
 Edward Vincent Colbert ... N. Y.. *Dr. J. M. Bigelow.*
 Christopher Francis Cole- } N. Y.. *Dr. M. J. Dwyer.*
 man }
 Walter Henry Conley, Ph. G. N. Y.. *Drs. S. B. Ward and T. K. Perry.*
 Clement Salts Crosby N. Y. *Dr. E. E. Larkin.*
 Frederick Crouse, Jr. N. Y.. *Drs. F. and C. J. Crouse.*
 Charles Edmond Davis N. Y.. *Drs. J. Swinburne, E. E. Larkin*
and E. Zeh.
 Frank Edward Dean Vt. *Dr. R. W. Bennett.*
 Charles De La Montanye... N. Y.. *Dr. Jacob Chambers.*
 Franklin Edward Deuerlein, N. Y.. *Dr. J. W. Hedden.*
 Fred S. Deyoe N. Y.. *Dr. G. A. Deyoe.*
 Alphonzo Cajetan Dorval .. N. Y.. *Albany Medical College.*
 Joseph William Droogan... N. Y.. *Dr. L. E. Kenney.*
 Jeremiah Auchmoody Du } N. Y.. *Drs. J. and J. Hasbrouck, Jr.*
 Bois }
 Richard Francis Duncan, } Mass.. *Drs. E. Van Slyke and A. Vander*
 B. S. } *Veer.*
 James Francis Earley N. Y.. *Dr. G. H. Newcomb.*
 William John Fleming N. Y.. *Dr. Bernard Eagan.*
 Thomas Henry Flynn N. J.. *Dr. F. A. Donohue.*
 Herbert Ashley Francisco.. Vt. *Dr. G. H. Fox.*
 Robert Furman, Jr. N. Y.. *Drs. A. Vander Veer and H. V. Hull.*
 Arthur Leicester George ... N. Y.. *Dr. A. Vander Veer.*
 John Philip Gilligan N. Y.. *Dr. J. M. Bigelow.*
 Bert Louis Goldthwait N. Y.. *Drs. W. P. Brierley and R. C. Paris.*
 Frederic Crosswell Gorham.. Ct. *Dr. I. R. Sanford.*
 Homer J. Grant Mass.. *Dr. Frank Paddock.*
 William James Green N. Y.. *Dr. G. F. Comstock.*
 Charles Edgar Greenman .. N. Y.. *Drs. J. H. Mitchell and J. P. Boyd.*
 Frederick Edward Guerin .. N. Y.. *Dr. L. B. Rulison.*
 John Adelbert Hagar N. Y.. *Drs. A. Vander Veer and W. J. Ped-*
die.
 Frank Morgan Hall N. Y.. *Dr. H. Hollidey.*
 William Henry Happel. N. Y.. *Dr. Eugene Van Slyke.*
 Hurand Harootune Hekimian, Asia.. *Drs. Wm. Hailes and J. H. Skilli-*
corn.
 Thomas Helme, Jr. N. Y.. *Dr. Thomas Helme.*
 Edward Alton Hoffman N. Y.. *Dr. Daniel H. Cook.*
 Elmer Jesse Hunt N. Y.. *Drs. C. H. Crawford and Cyrus*
Ecker.
 Edward Lee Johnson N. Y.. *Dr. T. B. Van Alstyne.*
 Elmer Ellsworth Johnston.. N. Y.. *Dr. J. M. Bigelow.*
 Edward Joslin N. Y.. *Dr. D. C. Case.*
 Sherman S. Kathan N. Y.. *Dr. D. L. Kathan.*
 James Francis Kelley N. H.. *Drs. R. J. Hallaren and G. A. Un-*
derhill.
 Joseph Eugene Kelly Canada *Dr. J. A. Flynn.*
 James Benedict Kennah, } N. Y.. *Dr. R. J. Brown.*
 A. B. }

- William James Kernan N. Y.. *Dr. S. B. Ward.*
 John Warner Kniskern N. Y.. *Drs. R. J. Roscoe, A. N. Guffin and
A. J. Blessing.*
 William Newell Knowlton N. Y.. *Dr. F. E. Sweatt.*
 Michael Jay Lawler N. Y.. *Dr. Thomas Lawler.*
 Wilbur Fisk Lamont, A. B. N. Y.. *Dr. T. B. Van Alstyne.*
 Louis Le Brun N. Y.. *Dr. W. G. Tucker.*
 Sherwood Le Fevre N. Y.. *Dr. W. E. Milbank.*
 George Griffin Lewis N. Y.. *Dr. S. D. Lewis.*
 William Alexander Liddle N. Y.. *Dr. W. H. Robb.*
 Robert Samuel Lindsay N. Y.. *Dr. Cyrus Haven.*
 Edwin Cameron Living- }
 ston, A. B. } N. Y.. *Dr. M. Besemer.*
 George Emory Lochner N. Y.. *Dr. A. Vander Veer.*
 Archibald Gow Losee N. Y.. *Dr. W. G. Tucker.*
 Frederic William Loughran N. Y.. *Drs. A. Vander Veer and W. J.
Nellis.*
 James Henry Lyons, A. B. N. Y.. *Drs. D. L. Kathan and E. N. Beale.*
 John Joseph Lyons N. Y.. *Drs. D. L. Kathan and W. C. Crom-
bie.*
 John Edward Mace, Ph. G. N. Y.. *Dr. F. M. Boyce.*
 Frederic Mackey N. Y.. *Drs. H. B. and W. S. Maben.*
 Clive Charles McCullough N. Y.. *Dr. P. A. Hayes.*
 Seth Adelbert Mereness N. Y.. *Dr. R. J. Roscoe.*
 Thomas Francis Merrett Pa. *Dr. James H. Struble.*
 Edward Stevens Merrington N. Y.. *Dr. F. J. Merrington.*
 George Tomlinson Moston N. Y.. *Drs. W. G. Tucker and C. J. Log-
gins.*
 Jesse Montgomery Mosher, }
 A. B. } N. Y.. *Drs. S. B. Ward and C. M. Culver.*
 Walter Graham Murphy N. Y.. *Dr. A. Vander Veer.*
 Grant Newcomb N. Y.. *Dr. Wm. Hailes.*
 Charles William Nichols N. Y.. *Dr. E. S. Willard.*
 Emmett Niver N. Y.. *Dr. R. Beebe.*
 Lewis Ryan Oatman N. Y.. *Dr. W. B. Madison.*
 John Clement O'Haire N. Y.. *Dr. J. C. Shiland.*
 Charles Everett Onslow N. Y.. *Dr. Josiah Hasbrouck, Jr.*
 Charles Henry Pearson N. Y.. *Dr. Bernard Eagan.*
 William James Pennington N. Y.. *Dr. George Meredith.*
 Michael Francis Phelan N. Y.. *Dr. W. T. Baynes.*
 Alonzo Thomas Powell N. Y.. *Dr. W. A. Wasson.*
 George Henry Reynolds N. Y.. *Dr. E. W. Gallup.*
 Frank Kelly Roarke N. Y.. *Drs. L. McLean and C. C. Schuyler.*
 Arthur Guernsey Root Mass.. *Drs. W. P. Brierley, Wm. Hailes
and M. Jones.*
 Jesse Wood Roscoe N. Y.. *Drs. R. J. Roscoe and A. N. Guffin.*
 Alanson Decatur Rose R. I.. *Dr. J. E. Bennett.*
 Ward Beecher Saltsman N. Y.. *Dr. F. V. Brownell.*
 Will Orvis Scott N. Y.. *Dr. F. L. Harter.*
 William Rufus Seeber N. Y.. *Dr. A. S. Seeber.*
 Thomas Joseph Sheridan N. Y.. *Dr. William P. Brierley.*
 Abram Baker Simmons N. Y.. *Dr. D. W. Houston.*

- Edgar Seymour Simpkins .. N. Y.. *Drs. Wm. Hailes and J. Lawyer.*
 James Ezra Smith..... N. Y.. *Dr. A. Vander Veer.*
 Marion Robert Smith, M. D. N. Y.. *Dr. A. L. Richman.*
 Frank Simeon Snow..... N. Y.. *Dr. A. Vander Veer.*
 Charles Wight Snyder..... N. Y.. *Dr. H. Hadley Smith.*
 Leonard John Somers N. Y.. *Dr. W. B. Melick.*
 Harmon Arthur Staley..... N. Y.. *Dr. C. H. Crawford.*
 Minot Alpheus Steele..... N. H.. *Dr. R. J. Hallaren.*
 James Read Strang..... N. Y.. *Drs. W. S. Donnelly and D. L. Kathan.*
 John Jay Sullivan, A. B.... N. Y.. *Drs. E. F. Sheehan and V. E. McConoughy.*
 Ichabod Thomas Sutton.... N. Y.. *Dr. B. A. Johnson.*
 Daniel Lewis Taylor..... N. Y.. *Dr. J. H. Van Rensselaer.*
 Andrew Martin Church } N. Y.. *Dr. C. B. Herrick.*
 Templeton }
 James Henry Timmers..... N. Y.. *Dr. Charles H. Moore.*
 James Henry Tobin N. Y.. *Dr. P. J. Keegan.*
 Evert Evertsen Tracy N. Y.. *Dr. Charles E. Jones.*
 Myron Wesley Traver N. Y.. *Dr. Edwin S. Hoyt.*
 Channing Turner N. Y.. *Dr. T. J. Kilmer.*
 Harvey Ward Van Allen ... N. Y.. *Dr. J. B. Southworth.*
 William Van Doren..... N. Y.. *Drs. J. Lawyer and W. C. Marselius.*
 Arthur Burton Van Loon... N. Y.. *Dr. W. E. Milbank.*
 George John Van Veghten . N. Y.. *Dr. George Hudson.*
 Thomas Catlin Washburn .. N. Y.. *Drs. A. H. Terry, H. E. Mereness and S. R. Morrow.*
 Frederic Allen Williams.... N. Y.. *Dr. A. Vander Veer.*
 James Wesley Wiltse N. Y.. *Dr. B. A. Johnson.*
 Merlin Jay Zeh N. Y.. *Drs. J. C. Shiland and A. E. Tuck*

GRADUATES OF 1889, WITH SUBJECTS OF THESES.

COMMENCEMENT EXERCISES HELD AT LELAND OPERA HOUSE,
MARCH 21, 1889.

- Andrew Herbert Bayard.....*Ruptured Perinæum.*
Frank Augustus Bell.....*Pyæmia.*
Howard Francis Bonesteel.....*Syphilides.*
Burton Sylvander Booth.....*Physical Signs of the Heart.*
James Edward Brennan.....*Quantitative Urinalysis.*
Charles Gilchrist Briggs.....*Mechanical Treatment of Disease of Hip Joint.*
Henry Wilson Brown.....*Exercise as a Remedial Agent.*
Charlis Smith Bumstead.....*Facial Paralysis.*
A. Marshall Burt.....*Variola.*
Charles Harlow Callender.....*Hæmaturia.*
William Melancthon Campbell.....*Hereditary Syphilis.*
Samuel Chesebrough.....*Scarlatina.*
Fred S. Deyoe.....*Croupous Pneumonia.*
Alphonzo Cajetan Dorval.....*Induction of Premature Labor.*
Richard Francis Duncan.....*Cremation as a Sanitary Precaution.*
Robert Furman, Jr.....*Bacteria.*
Frederic Crosswell Gorham.....*Cystitis.*
Charles Edgar Greenman.....*Cerebro-Spinal Meningitis.*
Hurand Harootune Hekimian.....*Anæsthesia and Anæsthetics.*
Elmer Ellsworth Johnston.....*Acute Lobar Pneumonia.*
James Benedict Kennah.....*Diphtheria.*
Wilbur Fisk Lamont.....*Syphilis.*
George Emory Lochner.....*Diagnosis of Tumors within Scrotum.*
Archibald Gow Losee.....*Locomotor Ataxia.*
Clive Charles McCullough.....*Eczema.*
Jesse Montgomery Mosher.....*General Paralysis of the Insane.*
Charles William Nichols.....*Inflammation.*
Emmett Niver.....*Neuralgia.*
Alonzo Thomas Powell.....*Puerperal Fever.*
Jesse Wood Roscoe.....*Scarlatina.*
Alanson Decatur Rose.....*Ambloma.*
William Rufus Seeber.....*Digestion.*
James Ezra Smith.....*Supra-Pubic Cystotomy.*
Marion Robert Smith.....*Acute Diffuse Nephritis.*
Frank Simeon Snow.....*Herniotomy.*
Charles Wight Snyder.....*Diphtheria.*
Leonard John Somers.....*Antiseptic Surgery.*
James Read Strang.....*Hypertrophy of the Prostate.*
William Van Doren.....*Stricture of the Urethra.*
Thomas Catlin Washburn.....*Inguinal Hernia.*
Merlin Jay Zeh.....*Phthisis Pulmonalis.*

List of Commencements and Graduates, 1839-1889.

No. of Course.	Date of Commencement.	Number of Students Attending.	Number of Graduates.	No. of Course.	Date of Commencement.	Number of Students Attending.	Number of Graduates.	
1	April 24, 1839	68	13	31	December 23, 1862	98	28	
2	April 24, 1840	73	17	32	May 28, 1863	60	22	
3	February 24, 1841	122	30	33	December 22, 1863	104	21	
4	February 23, 1842	101	28	34	December 24, 1864	110	45	
5	January 24, 1843	103	20	35	December 25, 1865	111	41	
6	January 23, 1844	108	24	36	December 22, 1866	116	53	
7	January 21, 1845	108	22	37	December 24, 1867	88	34	
8	January 27, 1846	115	42	38	December 22, 1868	96	28	
9	January 26, 1847	109	31	39	December 23, 1869	76	33	
10	January 25, 1848	88	20	40	December 22, 1870	86	27	
11	January 23, 1849	96	25	41	December 26, 1871	100	33	
12	January 22, 1850	93	24	42	December 23, 1872	100	25	
13	January 21, 1851	81	22	43	January 20, 1874	107	34	
14	January 27, 1852	66	28	44	December 22, 1874	116	47	
15	January 25, 1853	58	19	45	December 23, 1875	123	39	
16	May 31, 1853	38	12	46	January 31, 1877	116	38	
17	December 27, 1853	75	22	47	January 30, 1878	123	31	
18	June 13, 1854	89	31	48	January 29, 1879	153	43	
19	December 26, 1854	76	18	49	March 3, 1880	161	47	
20	June 12, 1855	73	40	50	March 2, 1881	179	58	
21	December 24, 1855	74	26	51	March 1, 1882	170	54	
22	June 10, 1856	81	46	52	March 7, 1883	157	51	
23	December 19, 1856	56	18	53	March 5, 1884	149	43	
24	June 9, 1857	50	27	54	March 4, 1885	143	33	
25	December 26, 1857	99	22	55	March 3, 1886	145	40	
26	June 8, 1858	71	25	56	March 16, 1887	145	37	
27	December 28, 1858	65	29	57	March 15, 1888	132	37	
28	December 27, 1859	85	40	58	March 21, 1889	136	41	
29	December 26, 1860	73	23					
30	December 21, 1861	63	21					
				Total number of Graduates				1828

HISTORICAL LIST OF FACULTY, 1839-1889.

- EBENEZER EMMONS, M.D., Chemistry and Natural History from 1838 to 1839; *Materia Medica* and Natural History, 1840 to 1843; *Obstetrics* and Natural History, 1843 to 1853; *Emeritus Professor* of *Obstetrics* and Natural History, 1853 to 1854.
- JAMES H. ARMSBY, M.D., *Anatomy* and *Physiology*, 1838 to 1839; *Anatomy*, 1840 to 1869; *Principles and Practice of Surgery*, 1870 to 1875; died 1875.
- DAVID M. REESE, M.D., *Theory and Practice of Medicine*, 1839 to 1840.
- ALDEN MARCH, M.D., *Surgery*, 1838 to 1869; died 1869.
- HENRY GREENE M.D., *Obstetrics* and *Diseases of Women and Children*, 1838 to 1839.
- DAVID M. MACLACHLAN, M.D., *Materia Medica* and *Pharmacy*, 1838 to 1839; *Materia Medica* and *Therapeutics*, 1839 to 1840; *Diseases of Women and Children*, 1840 to 1842.
- AMOS DEAN, ESQ., *Medical Jurisprudence*, 1839 to 1859; *Emeritus Professor* of *Medical Jurisprudence*, 1867 to 1868; died 1868.
- THOMAS HUN, M.D., *Institutes of Medicine*, 1839 to 1853; *Institutes of Medicine* and *Materia Medica*, 1853 to 1855; *Institutes of Medicine*, 1855 to 1859; *Emeritus Professor* of the *Institutes of Medicine*, 1876 to —.
- GUNNING S. BEDFORD, M. D., *Obstetrics*, 1839 to 1840.
- JAMES McNAUGHTON, M. D., *Theory and Practice of Medicine*, 1840 to 1874; died 1874.

- LEWIS C. BECK, M.D., Chemistry and Therapeutics, 1840 to 1841; Chemistry and Pharmacy, 1841 to 1853; died 1853.
- T. ROMEYN BECK, M.D., *Materia Medica*, 1842 to 1853; Emeritus Professor of *Materia Medica*, 1853 to 1856; died 1856.
- HOWARD TOWNSEND, M.D., Obstetrics, 1853 to 1855; *Materia Medica*, 1855 to 1859; *Materia Medica and Physiology*, 1859 to 1867; died 1867.
- EZRA S. CARR, M.D., Chemistry and Pharmacy, 1853 to 1857.
- JOHN V. P. QUACKENBUSH, M.D., Obstetrics and Diseases of Women and Children, 1855 to 1856; Midwifery and Diseases of Women and Children, 1856 to 1859; Obstetrics and Diseases of Women and Children, 1859 to 1870; Diseases of Women and Children, 1876; died 1876.
- CHARLES H. PORTER, M.D., Chemistry and Pharmacy, 1857 to 1859; Chemistry and Medical Jurisprudence, 1859 to 1864.
- GEORGE F. BARKER, M.D., Acting Professor of Chemistry, 1862 to 1863.
- JACOB S. MOSHER, M.D., PH.D., Lecturer on Chemistry, 1864; Chemistry and Medical Jurisprudence, 1864 to 1870; Medical Jurisprudence and Hygiene, 1876 to 1882; Pathology, Practice, Clinical Medicine and Hygiene, 1882 to 1883; died 1883.
- S. OAKLEY VANDER POEL, M.D., LL.D., General Pathology and Clinical Medicine, 1867 to 1870; Theory and Practice and Clinical Medicine, 1876 to 1878; Pathology, Practice and Clinical Medicine, 1878 to 1882; Emeritus Professor of Pathology, Practice and Clinical Medicine, 1882 to 1886; died 1886.
- JAMES E. POMFRET, M.D., Lecturer on Anatomy, 1861; Physiology, 1867 to 1869; died 1869.
- JOHN V. LANSING, M.D., *Materia Medica*, 1867 to 1870; Physiology and Clinical Medicine, 1870 to 1873; Principles and Practice of Medicine and Clinical Medicine, 1873 to 1876.
- HENRY R. HASKINS, M.D., Surgical and Descriptive Anatomy, 1869 to 1874; Anatomy, 1874 to 1876.
- ALBERT VANDER VEER, M.D., General and Special Anatomy, 1869 to 1873; Principles and Practice of Surgery, 1876 to 1880; Principles and Practice of Surgery and Clinical Surgery, 1880 to 1883; Surgery and Clinical Surgery, 1883 to 1889; Didactic, Abdominal and Clinical Surgery, 1889 to —.
- EDMUND R. PEASLEE, M.D., Diseases of Women, 1870 to 1873.
- MEREDITH CLYMER, M.D., Diseases of Nervous System and the Mind, 1870 to 1873.
- WILLIAM P. SEYMOUR, M.D., Obstetrics and Diseases of Women and Children, 1870 to 1876.
- GEORGE T. STEVENS, M.D., Ophthalmology and Orthopædic Surgery, 1870 to 1873; Physiology and Ophthalmology, 1873 to 1875; Ophthalmology, 1875 to 1876.
- JOHN M. BIGELOW, M.D., *Materia Medica* 1870 to 1873; *Materia Medica and Therapeutics*, 1873; *Materia Medica and Therapeutics*, 1876 to 1882; *Materia Medica and Therapeutics*, Diseases of the Throat and Clinical Laryngoscopy, 1882 to 1888; *Materia Medica*, Therapeutics and Diseases of the Throat and Nose, 1888 to —.
- MAURICE PERKINS, M.D., Chemistry and Toxicology, 1870 to 1876; Chemical Philosophy and Organic Chemistry, 1876 to —.
- IRA HARRIS, LL.D., Medical Jurisprudence, 1870 to 1874.
- WILLIS G. TUCKER, M.D., Assistant Professor of Chemistry, 1871 to 1874; Lecturer on *Materia Medica* and Assistant Professor of Chemistry, 1874 to 1875; Adjunct Professor of *Materia Medica* and Chemistry, 1875 to 1876; Inorganic and Analytical

- Chemistry, 1876 to 1882; Inorganic and Analytical Chemistry and Medical Jurisprudence, 1882 to 1887; Inorganic and Analytical Chemistry and Toxicology, 1887 to —.
- WILLIAM HAILES, M.D., Lecturer on Pathological Anatomy, 1874 to 1875; Adjunct Professor of Pathological Anatomy, 1875 to 1876; Histology and Pathological Anatomy, 1876 to 1886; Histology and Pathological Anatomy and Clinical Surgery, 1886 to 1889; Pathological Anatomy, Histology and Fractures and Dislocations, 1889 to —.
- HARRISON E. WEBSTER, A.M., Lecturer on Physiology, 1875 to 1880.
- JOHN SWINBURNE, M.D., Fractures and Dislocations and Clinical Surgery, 1876 to 1880.
- LEWIS BALCH, M.D., Anatomy, 1876 to 1887; Anatomy and Medical Jurisprudence, 1887 to —.
- SAMUEL B. WARD, M.D., Surgical Pathology and Operative Surgery, 1876 to 1880; Surgical Pathology and Operative Surgery and Clinical Surgery, 1880 to 1883; Pathology, Practice, Clinical Medicine and Hygiene, 1883 to 1889; Theory and Practice of Medicine, 1889 to —.
- JOHN P. GRAY, M.D., LL.D., Psychological Medicine, 1876 to 1886, died 1886.
- EDWARD R. HUN, M.D., Diseases of Nervous System, 1876 to 1880; died 1880.
- JAMES P. BOYD, JR., M.D., Diseases of Women and Children, 1876 to 1876; Obstetrics and Diseases of Women and Children, 1876 to 1886; Obstetrics, Gynecology and Diseases of Children, 1886 to —.
- CYRUS S. MERRILL, M.D., Ophthalmology, 1876 to 1881; Ophthalmology and Otology, 1881 to —.
- S. O. VANDER POEL, JR., M.D., Adjunct Professor of Pathology, Practice and Clinical Medicine, 1880 to 1884.
- FRANKLIN TOWNSEND, JR., M.D., Lecturer on Physiology, 1880 to 1881; Professor of Physiology, 1881 to —.
- FREDERIC C. CURTIS, M.D., Adjunct Professor of Dermatology, 1880 to 1884; Professor of Dermatology, 1884 to —.
- HENRY HUN, M.D., Lecturer on Nervous Diseases, 1883 to 1885; Diseases of the Nervous System, 1885 to 1887; Diseases of the Nervous System and Psychological Medicine, 1887 to —.
- SAMUEL R. MORROW, M.D., Lecturer Adjunct to the Chair of Surgery, 1884 to 1886; Adjunct Professor of Surgery, 1886 to 1887; Adjunct Professor of Surgery and Lecturer on Anatomy, 1887 to 1889; Adjunct Professor of Anatomy and Orthopædic Surgery, 1889 to —.

LIST OF GRADUATES, 1839-1889.

Abbott, James K.....1871	Avery, Thos. S.....1847	Becker, John H.....1853	Bostwick, David E.....1846	Brownell, Gilbert H.....1839
George M.....1879	George W.....1850	Isaac S.....1856	Bosworth, George G.....1869	Frank V.....1852
Abrams, Alva E.....1881	Gabriel D.....1853	Hiram.....1864	Boulware, Jephtha R.....1859	Brumaghim, Peter A.....1844
Hiram C.....1882	Douglas.....1865	Beckett, Thos.....1861	Bowen, Elisha C.....1858	Brundage, Alfred H.....1856
Adams, Frederick C.....1847	Babbitt, Robert A.....1860	Bedell, Caleb C.....1874	Asa B.....1868	Bryant, Charles G.....1852
John S.....1855	Babcock, Welcome A.....1842	Beebe, Dewitt C.....1863	J. Edwin.....1884	Buck, Harmon A.....1855
Newton H.....1859	James L.....1850	Frank.....1881	Horace L.....1864	Buckbee, Israel L.....1841
Aiken, Ephraim R.....1851	Henry E.....1855	Beech, John H.....1841	Bowne, Townsend.....1872	Frank G.....1871
Edward.....1868	Marvin.....1873	Bell, Harvey W.....1866	Boyce, Arlington.....1840	Bucklin, Daniel D.....1846
Akin, Washington.....1858	Robert.....1884	William F.....1880	Elias B.....1858	Buffington, Charles E.....1873
Albee, Elmore S.....1870	Bacon, Jas. G.....1860	Frank A.....1889	Frank M.....1872	Bulkley, J. Lyman.....1874
Albright, Isaac N.....1885	Charles J.....1865	Bellinger, Frederick P.....1880	Boynton, Henry W.....1866	Bullard, Geo. E.....1853
Aldrich, Charles F.....1883	Charles G.....1874	Bendel, Herman.....1862	Brett, George A.....1883	Bullions, H. L.....1854
Alexander, O. C.....1854	Bailey, Jas. S.....1853	Benedict, Ford H.....1868	Charles N.....1887	Bumstead, Chas. Smith.....1839
Jaues J.....1871	William H.....1853	Benson, Geo. E.....1853	Bradley, Elvin D.....1881	Burbeck, Charles H.....1859
Allaben, Jas. L.....1866	William C.....1873	Benton, Jas. D.....1857	John N.....1875	Burdick, John E.....1863
Allen, Almon N.....1845	William L.....1863	Bennett, Henry J.....1856	Charles N.....1887	Burger, Albert B.....1866
James H.....1852	Dorman.....1877	Benson, Geo. E.....1853	Bradner, N. Roe, Jr.....1864	Burgess, Frank S.....1850
W. E.....1856	Barber, Hiram.....1847	Benton, Jas. D.....1857	Bradford, David S.....1866	Burke, Abraham C.....1845
William G.....1857	Charles B.....1866	Bestle, Rudolph.....1888	Brady, Robert W.....1863	Burnett, Charles S.....1879
Charles H.....1859	Barker, Geo. F.....1863	Betts, W. Winthrop.....1883	Bragg, Jas. D.....1867	Barnham, William G.....1866
Duncan S.....1865	James F.....1877	Bidwell, J. P.....1860	Braman, Delos W.....1853	Burr, A. E.....1858
Henry W.....1868	Barman, Menzo.....1879	Bigelow, Uriah G.....1843	Brand, Warren M.....1875	Burt, Asahel, Jr.....1861
Almon S.....1872	Barnard, S. P.....1853	John M.....1870	Brady, Robert W.....1863	A. Marshall.....1889
J. Emerson.....1872	James T.....1865	Blandin, O. H.....1863	Bragg, Jas. D.....1867	Burch, Harry M.....1882
William L.....1881	Barnes, Orson.....1852	Biggam, William H.....1841	Delos W.....1853	Burton, Casper V. W.....1842
Almy, Henry A.....1846	N. Rounds.....1858	Billings, William H.....1841	Brand, Warren M.....1875	William T.....1851
Alsdorf, David F.....1855	Edwin.....1865	Billings, A. Judson.....1854	Brennan, Jas. Edward.....1869	Matthew H.....1853
Amble, Will Burette.....1883	Barney, A. G.....1860	Bingham, A. Judson.....1854	Brett, Jas. R.....1858	Reuben B.....1855
Andrew, Russel G.....1866	Reuben.....1865	Bingham, Charles S.....1883	Brewer, Frederic H.....1878	Stephen C.....1880
Andrews, Robert M.....1888	Charles S.....1883	Fred Morgan.....1888	Brierley, William P.....1886	Frank.....1882
Angus, Ernest L.....1885	Fred Morgan.....1888	Barnum, D. Albert.....1865	Brisson, William P.....1886	Bush, Wm. P.....1858
Apple, William W.....1870	Barrus, Geo. B.....1854	Barrus, Geo. B.....1854	Briggs, Jacob Myers.....1869	Bushnell, Benjamin E.....1844
Archambeault, L. J. S.....1881	Barry, David James.....1888	Barry, David James.....1888	Brook, Wm. Wallace.....1887	Kenyon A.....1879
Archibold, John.....1888	Barstow, H. B.....1853	Barstow, H. B.....1853	Bronk, Edmund F.....1884	Buswell, Elbridge G.....1846
Armsby, Gideon H.....1864	Barton, Thomas J.....1855	Barton, Thomas J.....1855	Brooks, A. J.....1860	Butman, Wm. C. P.....1854
Armstrong, Lewis.....1843	Bartlett, Ezra A.....1879	Bartlett, Ezra A.....1879	N. G.....1861	Butts, Elihu.....1843
William M.....1882	Bass, Edgar C.....1858	Ezra A.....1879	Henry T.....1887	Ovid L.....1866
Samuel E.....1885	Basset, Jared.....1839	Bass, Edgar C.....1858	Bronson, Levi, Jr.....1842	Byington, Cassius P.....1882
Arnold, Jno. D.....1846	Wilson T.....1844	George A. R.....1881	Brooks, A. J.....1860	Cady, Wm. F.....1853
J. Newton.....1862	William.....1844	Blaisdell, E. Collins.....1858	N. G.....1861	Caldwell, Nathan A.....1881
Arthur, William, Jr.....1856	George D.....1852	Blakeslee, Alfred P.....1841	Henry T.....1887	Calhoun, John.....1845
Ashton, Lourie.....1883	Bates, Henry G.....1846	Blanchard, Henry Delos.....1852	Brook, Wm. Wallace.....1887	Callender, Chas. H.....1839
Atkins, Edward B.....1874	Charles E.....1856	Blatner, J. H.....1875	Brooks, A. J.....1860	Cameron, John S.....1842
Atwater, David.....1841	Xyris T.....1867	Blessing, Adam J.....1886	N. G.....1861	R. H.....1849
Austin, J. McM.....1843	Bayard, Andrew H.....1889	Bliss, Wm Anson.....1862	Henry T.....1887	Campbell, John.....1843
Solomon W.....1854	Baynes, Wm. T.....1871	Solon F.....1874	Brower, Abram Giles.....1861	Augustus.....1840
Hervey N.....1859	Joseph E.....1886	Bloss, Fred S.....1884	Brown, Jos. B.....1844	William B.....1880
Eugene M.....1887	Beakes, Geo. M.....1856	Bolz, Charles.....1883	William B.....1853	
	Beakley, Geo.....1850	Bonesteel, William N.....1865	Cyrus N.....1858	
	Beals, Diodorus S.....1846	William N.....1863	Benjamin F.....1865	
	Beard, Frankin P.....1875	Howard F.....1889	Ira D.....1865	
	Beardsley, David S.....1840	Bonter, Joseph.....1872	William A.....1866	
	S. T.....1856	Boorn, Henry W.....1866	Joseph R.....1868	
	Beaudria, L. C. G.....1862	Booth, Burton S.....1889	Edward E.....1879	
		Bosley, Geo. H.....1864	Richard J.....1882	
			Edward F.....1885	
			Henry W.....1889	
			Browne, Alfred L.....1886	

Campbell, William M. 1889	Clowe, Chas. Francis 1888	Crawford, Charles H. 1881	Deitz, Wallace E. 1882	Dutton, Wm. H. 1855
Capron, Elijah W. 1855	Clyne, Jas. A. 1886	Crocker, Edwin 1868	De La Mater, Stephen G. 1842	Dwan, J. M. 1860
Arthur S. 1886	Cobb, John W. 1858	Cromwell, Jas. 1853	Ira M. 1850	Dwyer, Martin, 1883
Carhart, G. L. 1848	Cochran, George D. 1871	Phillip I. 1870	Horace B. 1877	Eagan, Bernard. 1882
Edward W. 1878	Cochrane, Luther. 1845	Crombie, Walter C. 1879	Stephen T. 1886	Eastman, Noah L. 1886
Carmichael, John H. 1873	Adam H. 1857	Cronin, James, 1888	William H. 1880	Eaton, Jas. H. 1854
Carpenter, Charles H. 1857	James B. 1864	Cronkite, Henry M. 1858	De Frank T. 1883	Ebell, Adrian J. 1869
Henry H. 1859	Coe, Chas. M. 1884	Cross, Jere. A. 1856	Delavan, John Savage, 1861	Eccleston, Alvin H. 1880
Edward A. 1869	Colburn, John E. 1877	Lemuel. 1856	De Long, William H. 1866	Ecker, Cyrus 1874
Calvin E. 1882	Colby, Jas. R. 1867	Willis H. 1858	Dennison, Jno. 1846	Edgerly, Edward F. 1864
Carr, Robt F. 1855	Colcord, Daniel W. 1874	Thomas D. 1865	Devoll, Franklin M. 1884	Edmeston, Alexander A. 1853
James 1886	Coleman, J. Cash. 1863	Crouse, Jacob A. 1844	De Witt, Jno. H. 1863	Edmonds, Almon B. 1839
Fred. 1888	Collier, Albert V. D. 1866	Conrad J. 1846	Deyoe, Geo. A. 1869	Hiram A. 1853
Carrier, Lester R. 1859	Collins, Jerome R. 1856	John F. 1868	Fred S. 1889	Edsall, Henry M. 1856
Carroll, Terence L. 1885	Isaac 1856	Jesse 1877	De Zouche, Isaac. 1869	Edmonds, William H. 1877
Carson, Matthew R. 1857	Isaac Griffin, 1858	Andrew C. 1885	Dickerson, D. E. 1857	Edson, Isaac C. 1867
Wm. Alonzo, 1803	Edgar C. 1880	Crouse, Simeon, 1851	Dickinson, Charles 1860	Edwards, Henry S. 1877
Carter, Norris M. 1859	Comfort, John E. 1864	Crowell, A. W. 1843	Dickson, Edward J. 1866	Ellison, Obadiah T. 1856
Cartier, Henry, 1839	Condit, Daniel T. 1874	Crowley, John A. 1877	Dickson, George F. 1874	Ellithorp, Oscar A. 1880
Case, Henry S. 1853	Conklin, George W. 1849	Cullen, Robt. J. 1877	Dickson, Gilbert J. 1879	Ellsworth, E. P. 1858
Daniel C. 1870	Conkling, Geo. 1871	Culver, Charles M. 1881	Didam, Henry D. 1846	Elmendorf, George E. 1875
Casey, Jas. E. 1852	Conlin, Berthold M. J. 1875	Cumming, R. L. 1854	Diefendorf, Edward. 1845	Emerson, Geo. 1873
Casler, Alonzo P. 1880	Connelly, R. S. 1858	Cummings, Wm. A. E. 1884	Dimon, Russell J. 1883	Joseph 1883
Cass, Jonathan, 1854	Conover, Charles L. 1878	Cunningham, Chas. B. 1888	Dirker, John. 1857	Emory, Grenville A. 1867
Catlin, Chas. A. 1861	Cook, Alfred 1839	Curley, Peter F. 1883	Dixon, John C. 1851	Engle, Sanford J. 1879
Caughlin, D. M. 1858	Cooke, D. Henry 1867	Curran, Sylvanus C. 1885	Dockstader, Jacob A. 1845	Ennis, Alex. 1855
Chadwick, George H. 1857	Cookingham, H. L. 1871	Curry, David 1859	Dodge, Samuel, 1848	Ensign, E. Lee. 1856
Chaffee, Heman. 1854	Cooley, Clinton G. 1884	Curtis, Simeon, 1849	Daniel G. 1849	Robert E. 1857
Chaloner, Clarence A. 1881	Coon, Lewis. 1857	William N. 1870	Diond, Lyndhurst C. 1862	C. W. 1871
Chamberlain, C. H. 1870	Coons, Eugene H. 1886	Pierson C. 1884	Dolan, Wm. E. 1877	Entwistle, James G. W. 1883
Chambers, Thomas H. 1855	Cooper, Alvin, 1850	Cutler, Hiram C. 1855	Dolson, Jos. S. 1848	Evans, Benjamin F. 1875
William B. 1858	William S. 1861	Cutter, John A. 1886	Donald, Wm. J. 1877	Owen J. 1862
Chanplin, Hallan C. 1843	John W. 1865	Daggett, Nathan G. 1867	Donhauser, Alois 1877	John Joseph. 1888
Chapin, Francis L. R. 1851	Warren C. 1881	Dana, Henry T. 1863	Donnelly, William S. 1883	Evarts, Herman C. 1873
Chapman, S., Jr. 1854	Corliss, Albert H. 1845	Dansereau, Hercule. 1853	Donoghue, Daniel F. 1880	Everest, Nelson. 1881
Charrette, Louis. 1842	Cornell, Valentine. 1874	Darrall, C. B. 1863	Dorn, John H. 1864	Everitt, Edward A. 1856
Chase, Edwin R. 1854	Cornish, Francis O. 1880	Darrow, C. H. 1854	Dornet, Jas. S. 1882	J. Lowman 1859
Herman. 1875	Cornish, Harris J. 1870	Davenport, Theodore 1851	Dorval, Alphonzo C. 1889	Faling, Peter. 1854
Cheeseman, N. S. 1860	Corson, John W. 1842	Davidson, J. Reid. 1869	Doty, J. M. 1861	Falk, Jacob M. 1884
Chesebrough, Silas James. 1844	Cotter, John H. 1878	Davis, Willard G. 1841	Douglass, G. Carpenter, 1861	Fairbank, Alex. W. 1874
Izrahiah W. 1846	Peter Gerald, 1887	DeBaun, Estis H. 1854	Dox, Geo. N. 1843	Fairchild, David S. 1868
Samuel 1859	Cotton, Henry C. 1863	Darroll, C. B. 1863	Drake, Thos. B. 1857	Merritt B. 1868
Chipman, E. D. 1863	Cowles, Rockwell 1843	Darrow, C. H. 1854	Dornel, Jas. S. 1882	Fay, Henry B. 1843
Christman, Harvey J. 1864	Cox, James W. 1852	Davenport, Theodore 1851	Dorval, Alphonzo C. 1889	Fanning, Nelson, Jr. 1859
Chittenden, George W. 1846	Crawford, George F. 1875	Davidson, J. Reid. 1869	Doty, J. M. 1861	Fawcley, Wm Cady 1885
Church, Ennis, 1843	Crocker, Edwin 1868	Day, Horace B. 1844	Douglas, G. Carpenter, 1861	Featherstonhaugh, James D. 1874
Levi R. 1854	Cromwell, Jas. 1853	Asbury M. 1860	Dox, Geo. N. 1843	Thomas R. 1877
Churchill, Alonzo 1874	Cross, Jere. A. 1856	Warren E. 1863	Drake, Thos. B. 1857	Felch, Lyman C. 1845
Cipperly, John, 1856	Crown, James, 1888	John D. 1875	D. D. 1864	Fellows, Harris I. 1874
Clapsaddle, H. H. 1872	Cronkite, Henry M. 1858	Dean, Anderson S. 1839	Draper, George W. 1858	Feltner, Mahlon, 1859
Clark, Wm. A. 1843	Crowell, A. W. 1843	Dearborn, George S. 1857	Drury, M. Francis 1887	Fennelly, Paul E. 1869
Denman 1845	Croyle, Edward S. 1882	DeBaun, George S. 1857	Duane, Henry, 1861	Fernald, Lewis. 1875
Peleg A. 1854	Craig, Wm. H. 1852	DeFreest, Cornelius W. 1887	Dubois, H. H. 1856	Ferry, Jos. E. 1868
Caleb 1862	R Orr 1855	Dedrick, A. C. 1856	Duffin, John 1849	Field, Hiram S. 1862
Clarke, E. H. 1848	Horatio 1878	DeFreest, Jacob C. 1870	Duffy, Edward, 1842	Finch, Morgan L. 1841
Henry Kipp. 1862	Jos. Davis. 1884	DeGolia, William S. 1882	Dunford, C. J. 1805	
Henry A. 1866	Crandall, W. B. 1858	DeGraf, A. 1858	Duncan, Richard F. 1889	
Classen, Fred L. 1881	Charles E. 1873	DeGraw, Hamilton 1855	Dunning, Zopher F. 1888	
	Edward L. 1881		Durant, Thomas C. 1840	
	Crary, Chas. W. 1858		Durvey, C. C. 1881	
	Henry A. 1866		Dutcher, Egbert W. 1870	
	Crawford, S. 1857			

Finch, Henry C. 1882 Elmer E. 1886	Furbeck, Henry L. 1881 Furman, Robert, Jr. 1889 Galloway, P. J. 1856 Gallup, Ezekiel W. 1866 James H. 1871 Garbutt, Frank, 1872 Gardiner, W. Frederick, 1883 Gardner, Thomas J. 1853 George F. 1878	Griffin, James M. 1869 Albert C. 1880 Grinnel, Benjamin P. 1856 Griswold, W. R. 1853 Groesbeck, Abram. 1849 Groot, Cornelius A. 1864 Grover, Allen C. 1866 Guffin, Andrew J. 1868 Alfredo N. 1885 Gunn, Chas. B. 1844 Guy, Sam'l S. 1846 Hagadorn, Wm. H. 1880 Hailes, Wm. Jr. 1870 Haines, Edwin, 1867 Hale, Lorenzo, 1868 Francis E. 1875 Hall, Edwards, 1844 Martin C. 1846 John D. 1855 Wm. Asbury, 1875 John E. 1877 Hallam, John 1840 Hallenbeck, Orlando, J. 1879 Hamill, Alex. 1865 Hamilton, Wm. 1854 Horace 1858 Hamlin, David D. T. 1841 Hamlyn, Francis M. 1868 Hammond, F. M. 1845 Reuben H. 1853 L. H. 1858 Henry T. 1874 John. 1881 Hance, Samuel F. 1854 Hanks, Horace T. 1861 Hard, Chas. S. 1867 James T. 1877 Hardenbergh, Daniel S. 1863 Harker, E. Willard. 1850 Harlow, Addison S. 1859 Harmon, Joseph W. 1845 Harper, Jas. M. 1859 Harrington, S. Henry. 1855 Z. G. 1857 Harris, J. J. 1856 Newton C. 1857 Ira. 1881 Louis A. 1884 Harter, Frank L. 1882 Hartwell, John B. 1856 Harwood, Forrest H. 1846 Hasbrouck, Josiah. 1855 Cornelius J. 1873 Walter D. 1883 Josiah, Jr. 1885 Haskins, Henry R. 1861 Havens, Jeremiah D. 1861 R. Grant. 1874 Hawkins, Luther E. 1877	Hawley, Henry T. 1851 William A. 1851 Hayden, Ferdinand V. 1853 Haynes, J. K. 1858 John U. 1872 Hays, Wm. N. 1875 Thomas. 1881 Franklin R. 1883 Hazeltine, Charles S. 1866 Hazen, D. Clinton. 1882 Head, A. D. 1882 Healey, L. B. 1856 James C. 1872 Heath, Chas. E. 1856 Newton E. 1883 Heatly, John Alex. 1887 Hekimian, Hurand H. 1889 Helme, Thos. 1854 Helmer, Josiah H. 1847 Henderson, Frederick T. 1853 Hendricks, William M. 1863 Hennessee, John V. 1884 Herrick, Jno. S. 1847 William A. 1859 O. E. 1871 Clinton B. 1880 Herrington, Hiram T. 1873 Hewett, Charles N. 1857 Hewitt, Adelbert. 1869 Hickey, Clinton G. 1884 Higgins, D. E. 1881 Hill, Odenanthus, 1841 John H. 1853 J. Stewart. 1872 Albert D. 1879 Hillegas, Willard. 1882 Hiscox, David W. 1841 Hoadley, Alfred H. 1886 Hoag, Pierre C. 1878 Hodgkins, Lewis W. 1856 Hodgman, Alfred F. 1888 Hoff, Jno. S. V. R. 1871 Hogan, Garret L. 1887 Richard John, 1887 Hoit, Lehman B. 1880 Holbrook, Guy, 1866 Holcomb, William F. 1850 Jerome B. 1855 B. Rush. 1864 Fred. 1882 Holden, Austiu W. 1848 Holding, George W. 1884 Holley, Jas. A. 1886 Hollidey, Hamilton. 1884 Hollister, William L. 1861	Holmes, J. H. 1847 Henry P. 1875 Geo. James. 1882 Holsapple, David H. 1847 Hooker, Samuel L. 1851 Hopkins, George F. 1878 Horton, Harvey A. 1856 Henry L. 1859 H. J. 1862 Hostetter, Daniel J. 1855 William B. 1865 Hotelling, John, 1863 Houghton, Geo. Henry. 1882 House, Charles, 1846 Houser, John W. 1875 Howard, Daniel B. 1865 Howe, Edward N. 1857 Howes, Thos. C. 1849 Hoystrat, J. H. 1853 Hoyt, Edwin S. 1874 Hubbard, G. N. 1854 Jackson A. 1863 Levi Clark. 1882 Winfield G. 1884 Hubbs, Hiram, 1845 Wm. N. 1850 Hubon, Peter E. 1858 Huddleston, Charles F. 1879 Hudson, A. S. 1846 Abijah T. 1847 Richard E. 1854 George 1882 Husted, Alfred B. 1863 Hughes, Wm. M. 1859 David. 1874 Michael H. 1880 Hulett, Giles S. 1867 Hull, Alson D. 1841 William H. 1866 Alonzo E. 1873 Henry V. 1874 Hulst, Peter H. 1866 Humphrey, D. L. 1865 James L. 1866 Hunt, Delos W. 1856 Robert M. 1869 Huntington, George F. 1841 Henry 1847 Huntly, Ezra D. 1852 Hurd, Willard O. 1861 Hurst, Jno. W. 1855 Hutchinson, C. 1855 William. 1888 Hyde, Romeo E. 1868 Ingersoll, R. E. 1863 Ingham, Stephen A. 1871 Ingraham, Samael. 1849 Charles A. 1878 Irwin, Chas. K. 1855 S. B. 1863 Ives, Hiram L. 1884 Jackson, Albert P. 1862 Jansen, Urban. 1856
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Jendrault, Henri A.....1883	King, Levi Leroy ..1870	Leonard, Alfred M.....1883	Mann, Delos H.1848	McKown, Abram H.....1845
Jennings, Nathaniel.....1850	James W.....1884	Le Roy, Irving D.....1883	George R.....1858	James F.....1860
Jerome, Milton,1846	Kinloch, Osman F.....1879	Lester, Wm. A.1880	Thomas H.....1870	McLain, Stephen.....1867
Jewitt, Rensselaer.....1844	Kinmer, Wm. H.1802	Letcher, Cornelius J.....1880	John W.....1882	McLean, Henry K.....1850
Johnson, Lyman B. W. 1848	Kling, Jay.....1886	Lewi, Maurice J.1877	March, Henry, 1853	LeRoy.....1855
Stephen.....1849	Klock, Arie V.1850	Lewis, Morgan,1840	Marselius, Willard C.....1884	William H.....1864
Ianthus G.....1853	Knapp, Daniel.....1844	Marsh, Marvin M.....1841	Charles D.....1850	McLaughlin, George W.....1878
L. M.....1855	Charles R.....1885	Edward F.....1882	Albert.....1885	McMahon, Henry.....1853
Henry B.....1855	Knight, Jno. W.1855	James P.....1885	Marshall, Molford.....1854	McMurray, George H.....1887
Hammond.....1856	Knowles, Horace S.....1880	Lidell, John A.1848	Martindale, Frank E.....1853	McNaughton, A. W.....1848
James A.....1856	Knox, Otho S.....1866	Lilienthal, Henry.....1878	Maryott, Edgar E.....1882	Henry G.....1856
Stephen P.....1859	Koon, A Hubbel.....1847	Lincoln, Harrie M.....1886	Mathews, J. R.1871	William.....1886
William E.....1859	Krug, Geo. A.....1881	Linendoll, Robert A.....1879	Mathews, Andrew.....1874	McNeil, Daniel,1841
W. L.....1865	Kunker, Frank T.....1883	Lingenfelter, William H.....1871	Matteson, Dewitt J.....1878	McRae, Frank,1870
Enoch Eaton,1866	La Baw, Wm. B.1857	Little, J. Russell.....1856	Mattice, Menzo B.....1881	McTammany, George H.....1884
George P.....1867	LaDow, J. Chas.1883	Livingston, Allan C.....1846	Mattimore, Frank J.....1860	Mead, Charles,1857
Frank E.....1870	La Due, Edmund K.....1862	Llobdell, H. W.1856	Mason, Wm. P.1881	Martin L.....1859
J. Ashbel.....1877	La Grange, John H.....1871	Lochner, Geo. Emory, 1889	Masten, Edson W.....1879	Joel H.....1863
Frank Potter,1881	Laird, Samuel N.....1865	Locke, Frank B.....1882	Mav, Ezra.....1840	Richard T.....1863
Henry N.....1881	Lambert, J. Leavitt.....1864	Lockrow, Thos.1856	Edward S.....1866	William H.....1868
Edward F.....1882	Lamont, Wilbur F.....1889	Lockwood, John F.....1881	Mayo, Henry O.....1842	Jasper, Jr.....1874
George L.....1883	La Moree, De Witt M.....1870	Long, Charles,1867	McAllister, J. J. D.....1879	Melick, Wm. B., 2d..1884
Alex. L.....1885	George S.....1872	Longendyke, Reville T.1869	McAvenue, Owen F.....1887	Melius, Robert H.....1864
Arthur Wing,1887	La Moure, Uriah B.....1878	Lord, Chas. H.1853	McCabe, Bradley S.....1850	Mereness, Henry E.....1874
Johnston, John W.....1866	Landon, Douglass S.....1884	Lorillard, Geo.1846	Charles P.....1883	Merrifield, Emery A.....1853
Brayton A.....1873	Lanehart, Louis N.....1883	Losee, John E.1852	McCamus, Edward.....1849	Merrill, J. H.....1858
Austin D.....1875	Langdon, Seth W.....1847	Henry D.....1868	McCarty, Richard H.....1886	Merrington, Frank J., Jr.1880
Elmer E.....1889	Laning, Henry,1864	Archibald G.1880	McCaughin, James A.....1884	Merritt, Geo. L.1873
Jones, Amos P.1840	Lansing, Joseph McC.1875	Lott, Schuyler,1868	McClellan, Matthew.....1874	Merville, Dan'l,1866
Erasmus D.....1841	Elmer E.....1884	Lotrbridge, William E.....1879	McClellan, Samuel.....1874	Mesick, Nelson H.....1868
James D.....1849	Lan ingh, Kilian V. R.1870	Loughran, Robert.....1857	John Miller.....1888	Nelson H.....1868
Amos S.....1854	Lape, Rushmore.....1877	Loving, J. D.1860	McClellan, Gordon C.....1858	Metcalf, Carl G.1869
Jas. Elias.....1855	Lawlor, Wm. M.1867	Low, John.....1855	McClelland, John D.....1855	John E.....1874
George A.....1867	Lawrence, Henry W.....1879	Lowe, Ivory.....1862	McClelland, John D.....1855	Middleditch, Alvarado.....1856
Charles E.....1872	Edward S.....1881	Lowell, Inmon S.....1877	McClellan, Matthew.....1874	Milbank, William E.....1872
Arthur A.....1884	Lawton, E. J.....1888	Ludlow, Mark M.....1877	Samuel.....1874	Miller, Wm. G.1862
Eugene M.....1887	David A.....1869	Lyker, Almer A.....1878	John Miller.....1888	Miller, Charles,1841
Judd, Herbert.....1867	Lawyer, Nicholas N.....1843	Lyon, Caleb.....1871	McClelland, Gordon C.....1858	William H.....1845
Kamp, Wm.....1882	Thomas.....1852	Macallister, John.....1856	McClelland, John D.....1855	John N.....1856
Karner, Wm. B.1883	Layman, William S.....1857	Macfarlane, Robert F.....1888	McClelland, John D.....1855	Jacob L.....1867
Kathan, Dayton L.....1886	Lee, D. M.....1864	Mackie, Adam, Jr.....1868	McCulloch, Charles.....1877	J. J.....1871
Keay, John T.....1879	Franc H.....1888	MacMillan, Andrew L.....1879	McCullough, Clive C.....1889	Horace C.....1873
Keegan, Wm. E.1880	Leefer, Jehiel.....1864	Madill, Wm. A.1859	McDonald, Willis G.....1887	Howard.....1881
Keeler, Jas., Jr.1846	Charles M.....1870	Madison, William B.....1880	McDougall, S. J.....1857	William T.....1881
Keenan, Michael, Jr.....1888	Lempe, Geo. Gustave,1888	Maine Lewis.1858	Ralph A.....1885	Walter B.....1882
Keeny, Joseph.1851	Lemrow, William H.....1886	Mallery, Charles B.....1886	McFadden, Gustavus.....1864	Edwin A.....1885
Kellogg, Wm. Clinton,1884	Lent, Isaac H.1873	Maltby, Wm. A.1874	Orrel.....1865	Webster.....1887
Kells, Robert.....1840	Lengfeld, Ellis,1888	Mambert, Adelbert H.1878	McFarlane, Andrew.....1887	Milliken, J.....1858
Kelly, Sam'l H.1848		Mandeville, Fred. DeL.....1877	McFarlane, Andrew.....1887	Thomas.....1843
James.....1868			McGregor, William W.....1873	Miner, Julius F.1847
Kelsey, Dana E.....1857			McHarg, Henry B.....1847	Mitchell, Jas. H.1881
Kelso, Nelson W.....1881			Martin.....1885	Monroe, Nahum P.....1839
Kenpe, Julius J.....1868			McIntosh, Francis T.....1886	Isaac T.....1866
Kennah, Jas. B.1889			McIntyre, James.....1842	Montford, K. V. R.....1856
Kennedy, Edward C.....1881			McIntyre, James.....1842	Montgomery, Charles T.....1874
Kenney, Arthur G.....1877			McIntyre, James.....1842	Alex. C.....1880
Laurence E.1881			McIntyre, James.....1842	Moody, Adelbert E.....1885
Kenyon, Jno. D.1857			McIntyre, James.....1842	Moore, John H.1872
Dwight R.....1874			McIntyre, James.....1842	Moore, Sam'l.1841
Kershaw, James B.....1875			McIntyre, James.....1842	Levi.....1851
Ketchum, A. V.1863			McIntyre, James.....1842	John A.....1880
Keys, Roger.....1853			McIntyre, James.....1842	Charles H.....1887
Kidder, Franklin.....1857			McIntyre, James.....1842	
Kiersted, Christopher.....1846			McIntyre, James.....1842	
Kilmer, Washington,1860			McIntyre, James.....1842	
Kimball, Jas. P.1864			McIntyre, James.....1842	
King, Thos. J.....1855			McIntyre, James.....1842	

Morehouse, Edgar W. 1884	Nichols, Jonathan 1848 William H. 1867 Charles Wm. 1889	Parshall, Jas. G. 1852	Ranney, Henry D. 1840	Runkle, Wm. H. 1852
Moriarta, Donglass C. 1885	Nihill, John L. 1855	Parsons, Milton 1882	Ransom, Bryan F. 1841	Russell, Jas. A. 1845
Morin, Jos. O. 1840	Niles, John O. 1850	Patch, Allen F. 1849	Rawson, Jas. 1844	John 1864
Morgan, Thomas L. 1855 William 1869	Niver, Jas. D. 1843 Emmett 1889	Patrick, David W. 1846	Ray, Fred H. 1882	Sabin, Robt. H. 1856
Morrill, Linzie T. 1873 Fred. Dana 1881	Noble, Geo. H. 1852	Peabody, J. Frank 1862 William F. 1875	Read, Jas. H. 1846	William B. 1882
Morris, Rowley 1844 Robert, Jr. 1846 W. H. H. 1864 George F. 1878 John W. 1881 S. Hall 1881	Norbury, John F. 1844	Peake, Marcus T. 1839	Reed, Chris. C. 1864	Sadlier, Jas. E. 1887
Morse, Willard H. 1880	North, Adelman D. 1849	Peardon, Wm. L. 1873	Reid, G. B. 1858	Safley, Andrew F. 1852
Mosher, Francis G. 1848 Charles M. 1856 Cornelius D. 1859 Jacob S. 1863 J. Montg'ry. 1889	Norwood, David 1867 Jacob B. 1868 Nott, E., Jr. 1858	Peaslee, John S. 1874	Reidy, Jas. H. 1871	Safford, Chas. 1864
Mott, Walter 1844 Orville H. 1847	Noxon, Benj. Wait. 1867	Peck, Marvin R. 1851	Reilly, Jno. F. 1883	Sallsbury, James H. 1850
Mower, Jno. W. 1852	O'Brien, Philip T. 1872	Peddie, Wm. J. 1882	Reno, Griffin. 1862	Sampson, Ernest L. 1882
Mowris, Jas. A. 1853	O'Connell, R. S. 1871	Peet, Wm. Thos. 1888	Reynolds, Tabor B. 1842	Saunders, Carman C. 1847
Moyer, Sol. W. 1845	O'Connor, Jeremiah. 1881	Peets, Alex. J. 1877	Rice, De Witt C. 1848 N. B. 1854	Sawyer, Conant 1865 P. R. H. 1874
Moyse, Moreau, 1841	O'Dell, Herbert L. 1883	Pendleton, Lewis W. 1864	Rich, Jacob A. 1884	Scattergood, Charles F. 1868
Moxley, Isaac J. 1853	O'Donohue, W. 1850	Perkins, Maurice 1870	Richards, Chas. 1855	Schermerhorn, Jacob M. 1842 Isaac 1844 W. Scott 1853
Mull, Philip W. 1852	O'Flaherty, John 1864	Perry, John L., Jr. 1862 T. Kirkland. 1875	Richardson, Samuel A. 1856 Charles S. 1856	Schley, Fayette E. 1881
Müller, Henry F. C. 1887	O'Hara, John S. 1877	Peters, Chas. A. 1855	Richmond, Gilbert. 1847	Schoolcraft, John L. 1879
Munn, Julius D. 1844	O'Leary, C. B. 1860	Phillips, Henry Tyler, 1860 James A. 1865	Rider, E. Hudson. 1885	Schmidt, Julius R. 1875
Munson, Geo. S. 1880	O'Neil, V. 1866	Henderson A. 1866	Riley, Jos. W. 1882	Schureman, Irving C. 1869
Murphy, Jas. K. 1843	O'Ormond, Peter 1847	Carroll H. 1880	Rippey, Jno. N. 1862	Schutter, William L. 1883
Charles C. 1848	Orton, Darius S. 1866	Jno. Spencer, 1887	Ritzmann, Otto, 1879	Schuyler, Clarkson C. 1875
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Peter M. 1863	Ott, Friend Jas. 1865	George A. 1872	Roberts, Charles H. 1846	Scollard, Jas. I. 1849
William J. 1881	Ottman, Rensselaer. 1844	Pine, Milford L. 1875	Rober, Wm. H. 1865	Scorin, Zebulon W. 1852
Murray, James F. 1866	Overholt, George H. 1866	Platner, Rensselaer. 1846	Roberts, Charles H. 1846	Scoon, Jas. H. 1849
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Medical Department of Union University.

59th SESSION, 1889-90.



AND

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Professor of Obstetrics, Gynecology and Diseases of Children.

WILLIS GAYLORD TUCKER, M. D., PH. D., REGISTRAR,

Professor of Inorganic and Analytical Chemistry and Toxicology.

WILLIAM HAILES, M. D.,

Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.

CYRUS STRONG MERRILL, M. D.,

Professor of Ophthalmology and Otology.

FRANKLIN TOWNSEND, M. D.,

Professor of Physiology.

FREDERIC COLTON CURTIS, M. D.,

Professor of Dermatology.

HENRY HUN, M. D.,

Professor of Diseases of the Chest and of the Nervous System.

SAMUEL ROSEBURGH MORROW, M. D.,

Professor of Anatomy and Orthopedic Surgery.

DEMONSTRATORS.

JOSEPH DAVIS CRAIG, M. D.,

Demonstrator of Anatomy and Curator of the Museum.

GEORGE GUSTAVE LEMPE, M. D.,

Assistant Demonstrator of Anatomy.

OTHER INSTRUCTORS.

LECTURERS.

JOSEPH DAVIS CRAIG, M. D.,
Lecturer on Anatomy.

HOWARD VAN RENSSELAER, M. D.,
Lecturer on Materia Medica.

HERMON CAMP GORDINIER, M. D.,
Lecturer on Anatomy of the Nervous System.

INSTRUCTORS.

ELMER EGBERT LARKIN, M. D.,
WILLIS GOSS McDONALD, M. D.,
Surgery.

JAMES EDWARD BRENNAN, M. D.,
HOWARD VAN RENSSELAER, M. D.,
Theory and Practice of Medicine.

HERMON CAMP GORDINIER, M. D.,
Physical Diagnosis.

ALBERT MARSH, M. D.,
Obstetrics.

ROBERT BABCOCK, M. D.,
Materia Medica and Therapeutics.

GEORGE EMORY LOCHNER, M. D.,
Diseases of the Throat and Nose.

EZRA ALBERT BARTLETT, M. D.,
Electro-Therapeutics.

REUBEN DAVID CLARK, M. D.,
ARCHIBALD GOW LOSEE, M. D.,
Chemistry.

THOMAS HINCKLEY WILLARD, M. D.,
ROBERT FORGIE MACFARLANE, M. D.,
Histology and Pathological Anatomy.

THEODORE F. C. VAN ALLEN, M. D.,
Ophthalmology and Otology.

FRANK MELVILLE CLEMENT, M. D.,
Physiology.

CLINICAL ASSISTANTS.

JAMES EDWARD BRENNAN, M. D.,
Theory and Practice of Medicine.

THOMAS MARKLEY TREGO, M. D.,
WILLIAM PITNEY BRIERLEY, M. D.,
Obstetrics.

JAMES BENEDICT KENNAH, M. D.,

FREDERIC WILLIAM LOUGHRAN, M. D.,
Diseases Throat and Nose.

CHARLES HENRY MOORE, M. D.,
Ophthalmology and Otology.

ALBERT WELLS KILBOURNE, M. D.,

FREDERICK DANA MORRILL, M. D.,

CALENDAR, 1890-91.

1890.

Regular winter session begins - - - - -	Tuesday, September 23.
Election vacation - - - - -	Tuesday, November 4.
Thanksgiving vacation begins - - - - -	Wednesday afternoon, Nov. 26.
Lectures resumed - - - - -	Monday, December 1.
Christmas vacation begins - - - - -	Wednesday, December 21.

1891.

Lectures resumed - - - - -	Monday, January 5.
Lectures suspended (State Medical Society) - - - - -	Tues. and Wed., Feb. 3 and 4.
Commencement - - - - -	Wednesday, April 1.

PRELIMINARY EXAMINATION.— Since September 1, 1876, all students entering this college have been required to pass an examination in the ordinary English branches and in the elements of natural philosophy, unless evidence has been presented of a satisfactory preliminary education. The faculty are now relieved of this duty, and heartily approve the existing law applying to all medical colleges in the State, by which the preliminary examination of medical students is placed under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine are advised to apply to the Examinations Department, University State New York, Albany, by letter or otherwise, for information concerning this examination. One of the examinations will be held in Albany September 23-25, 1890, in order that students may be put to no unnecessary inconvenience or delay. (For copy of law, with credentials and qualifications accepted by the Regents in place of examination and times and places at which examinations are held, see pages 27 and 28.)

MONTHLY WRITTEN EXAMINATIONS in all the departments are held during the term. A printed schedule of these examinations is furnished the class.

CLINICS.

TUESDAY—10 A. M., Albany Hospital (Gynecology), Prof. Boyd.
WEDNESDAY—10:30 A. M., St. Peter's (Medical), Prof. Hun.
11:30 A. M., St. Peter's (Surgical), Profs. Hailes and Morrow.
THURSDAY—12 M., Medical College (Dermatology), Prof. Curtis.
5 P. M., St. Peter's (Neurology), Prof. Hun.
FRIDAY—12 M., Albany Hospital (Eye and Ear), Prof. Merrill.
4 P. M., Albany Hospital (Nose and Throat), Prof. Bigelow.
SATURDAY—10:30 A. M., Albany Hospital (Medical), Prof. Ward.
11:30 A. M., Albany Hospital (Surgical), Prof. Vander Veer.

Clinics in Medicine, Ophthalmology and Orthopedic Surgery at Child's Hospital.

Medical and Surgical Clinics at Albany Hospital for Incurables.

Clinics in Insanity at Marshall Infirmary, Troy.

1890=91.

Union University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School, and the Dudley Observatory, all at Albany, and Union College and the School of Civil Engineering at Schenectady.

During the last ten years the faculty of the ALBANY MEDICAL COLLEGE have required attendance upon three courses of lectures prior to graduation, with a few exceptions, which have been stated in the catalogue. They have also required evidence of preliminary education by entrance examination, and in many other ways have endeavored to render their instruction more thorough, and to raise the standard of medical education in this State. They believe that their course has met the approval, not alone of the alumni of the college, but of the profession generally, *and they now take pleasure in announcing the adoption of a strictly graded course, and call attention to the fact, that three courses of lectures will hereafter be an essential prerequisite for graduation.* The new curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments will be assisted by clinical assistants and demonstrators. The faculty hope to receive the continued encouragement and support of the profession, and particularly of their own alumni in their earnest endeavor to render their instruction more practical and more thorough.

The college building, situated on Eagle street, is well appointed in its lecture-rooms, laboratories, dissecting-rooms, library and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting-room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting-room and a physiological laboratory. Special arrangements have been made by which an abundant supply of material is secured. The chemical laboratory was rebuilt in 1884, and a two-story building erected, fitted with every requisite for the illustration of the lectures, and the use of the students in practical chemistry, while "Alumni Hall," constituting the south wing of the college building, was greatly improved and re-furnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises.

During the summer of 1887, the anatomical amphitheatre, in which most of the lectures are delivered, was entirely remodeled and furnished with roomy, comfortable chairs, and the entire building is now heated by steam, and all halls, lecture-rooms and ante-rooms equally warmed and amply supplied with fresh air.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological prepara-

tions, unequaled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models recently added by Dr. Vander Veer. The library of the college contains nearly 5,000 volumes, and additions to it are being constantly made.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, are annually made and competed for by members of the graduating class.

COURSE OF INSTRUCTION.

The three years' graded course now required in this college is arranged as follows: The studies of the first year are anatomy and histology, physics, inorganic and organic chemistry, physiology and materia medica, with laboratory work in chemistry and histology, dissection and attendance upon the general medical and surgical clinic. The final examination in inorganic chemistry, histology and materia medica, and an annual examination in organic chemistry, anatomy and physiology are held at the close of the term.

The studies of the second year are anatomy, including topographical anatomy and anatomy of the nervous system; pathological anatomy, physiology, organic chemistry, therapeutics, surgery, practice of medicine, obstetrics and gynecology, with laboratory work in pathological anatomy and clinics. At the end of this year final examinations are held in organic chemistry, anatomy, pathological anatomy, physiology and therapeutics.

The studies of the third year are practice of medicine, surgery, obstetrics, diseases of children, gynecology, diseases of the nervous system and of the eye, ear, skin, nose and throat, insanity and medical jurisprudence, with clinics and conferences. At the end of this year final examinations are held in practice, surgery and obstetrics.

Believing that instruction by recitation is as essential in medical as in literary colleges, the faculty have greatly enlarged and extended this department of the teaching in this college. The recitations, which have hitherto been held during unoccupied hours in the evening, are now made part of the regular curriculum. Every study taught in the college by lectures is also made the subject of recitations, the ratio of the number of lectures to that of recitations being in general two to one. By thus making the recitations a part of the regular course of instruction, it is possible to make sure not only that they are properly conducted, and that the students thoroughly understand the lectures, but also to save the students from a considerable expenditure of money, and to do away with all outside quiz-classes and with the objectionable system of cramming which such classes encourage.

The arrangement is fully shown in the order of instruction following.

ORDER OF INSTRUCTION.

FIRST YEAR.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Laboratory work in Histology.	Histology.				Organic Chemistry.
10		Laboratory work in Chemistry.		Laboratory work in Chemistry.		10:30 to 1:30 Medical and Surgical Clinics at Alb. Hospital.
11						
12	Materia Medica.		Anatomy.	Anatomy.	Anatomy.	
3	Physiology.	Chemistry.	Physiology.	Chemistry.	Physiology.	Final Examinations in Chemistry, Histology and Materia Medica.
4					Organic Chemistry.	
5	Recitation Physiology.	Recitation Anatomy.	Recitation Chemistry.	Recitation Materia Medica.	Recitation Organic Chem.	Annual Examinations in Organic Chemistry, Anatomy and Physiology.
6	Dissection.	Dissection.	Dissection.	Dissection.	Dissection.	

SECOND YEAR.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Therapeutics.	Therapeutics.	Surgery.	Pathological Anatomy.	Surgery.	Organic Chemistry.
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.		Surgery.	Obstetrics and Gynecology.	10:30 to 1:30 Medical and Surgical Clinics at Alb. Hospital.
11	Theory and Practice.	Diseases of Heart and Lungs.		Theory and Practice.	Diseases of Heart and Lungs.	
12	Surgery.	Surgery.	Anatomy.	Anatomy.	Anatomy.	
2				Laboratory work in Pathological Anatomy.		Final Examinations in Organic Chemistry, Anatomy, Pathological Anatomy, Physiology and Therapeutics.
3	Physiology.	Topographical Anatomy.	Physiology.		Physiology.	
4	Practical Courses in Physical Examination, Bandaging, etc. Class divided into four sections.				Organic Chemistry.	
5	Recitation Anatomy.	Recitation Physiology.	Recitation Therapeutics.	Recitation Organic Chemistry.	Anatomy of Nerv. System.	

THIRD YEAR.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Diseases of Nervous System.		Surgery.	Diseases of Children.	Surgery.	
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	10:30 to 1:30 Medical and Surgical Clinics at St. Peter's Hospital.	Surgery.	Obstetrics and Gynecology.	10:30 to 1:30 Medical and Surgical Clinics at Alb. Hospital.
11	Theory and Practice.	Diseases of Heart and Lungs.		Theory and Practice.	Diseases of Heart and Lungs.	
12	Surgery.	Surgery.		Dermatology.	Ophthalmology.	
3	Recitation Theory and Practice.	Recitation Heart and Lungs.	Recitations in Specialties.	Recitation Surgery.	Recitation Surgery.	Final Examinations in Surgery, Theory and Practice and Obstetrics.
4	Practical Courses in Operative Surgery, Ophthalmoscopy, etc. Class divided into four sections.			Clinic Nose and Throat.		
5	Medical Conference.	Surgical Conference.	Medical Jurisp. and Insanity.	Neurological Clinic.	Recitation Obstetrics.	

OUTLINES OF COURSES.

PRACTICE OF MEDICINE.—*Profs. Ward, Curtis and Hun.*

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens. These lectures are supplemented by study in some standard text-book, and each week the students are examined by Dr. Brennan, on the subject-matter of the lectures of that week.

Hygiene is taught by Prof. Ward in lectures which have special reference to the needs of the general practitioner.

Diseases of the Heart and Lungs. Prof. Hun delivers two lectures, illustrated with pathological specimens, each week on this subject, and Dr. Van Rensselaer conducts a recitation each week on the subject-matter of the lectures.

Clinical Medicine. Prof. Ward holds a medical clinic each week, in the amphitheatre of the Albany Hospital, and Prof. Hun holds a medical clinic each week, in St. Peter's or the Child's Hospital, before the senior class. In these clinics the students have opportunities for the personal examination of patients; their examination and diagnosis being criticised by the professor.

Auscultation and Percussion and Physical Examination is taught practically by Dr. Gordinier to the junior class, which for this purpose is divided up into small groups.

Diseases of Nervous System. Prof. Hun delivers a didactic lecture, and also holds a clinic on this subject each week. At the clinic the students are trained practically in the examination of patients and in the method of arriving at a diagnosis. As a preparation to this course Dr. Gordinier delivers to the junior class a lecture each week on the anatomy of the nervous system. These lectures are profusely illustrated by dissections of the central nervous organs, and by charts and plates.

Insanity. Prof. Hun delivers a short course of lectures on this subject and holds clinics at the asylum connected with the alms-house, and at the Marshall Infirmary, Troy.

Diseases of the Skin. Prof. Curtis delivers each week on this subject a lecture which is illustrated with plates and with a large number of patients.

SURGERY.—*Profs. Vander Veer, Hailes, Merrill and Morrow.* In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia, pyæmia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to take it up after becoming occupied with the details of practice. The course on operative surgery includes all the usual operations. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term the students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject will be treated in a practical manner, a thorough course of lectures being given, in which the various fractures and dislocations will be illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, will be taught in the lecture-room, and followed by clinical instruction at the hospital, senior students being required to examine and diagnose injuries, and to select, prepare and apply the proper dressings for reduction and for the retention of the appliances used.

Ophthalmology and Otology are taught by both didactic and clinical lectures; the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

Orthopedic Surgery will be taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.—*Prof. Boyd.* This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the Albany Hospital, the class being divided into sections in order to witness the operations. Provision will be made to enable members of the senior class to attend one or more cases of obstetrics during the term.

CHEMISTRY.—*Profs. Perkins and Tucker.* The course in this department includes lectures upon certain branches of physics—more especially light, heat and electricity—the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations are held in each department, and more time than heretofore will be devoted to practical work in the chemical laboratory, which is now required during the first year.

ANATOMY.—*Prof. Morrow and Drs. Craig and Gordinier.* The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect during the first year under the direction of the demonstrator and assistant demonstrator of anatomy.

Histology. The course in histology, embryology and pathology, by Prof. Hailes, consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc., and practical work in the histological laboratory two hours each week, which is now required during the first year, and in pathological anatomy during the second year.

MATERIA MEDICA.—*Prof. Bigelow and Dr. Van Rensselaer.* The

lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

Diseases of the Throat and Nose.—*Prof. Bigelow.* Clinics are held each week by the professor, and the student familiarized with the diseases of these parts, and made acquainted with the various methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.—*Prof. Townsend.* This branch is taught by means of didactic lectures, weekly recitations as well as frequent demonstrations upon the lower animals, the study being naturally divided into several departments, as physiological chemistry, physiological anatomy and histology, nutrition—comprising the subjects of digestion, absorption, secretion, the blood and its circulation—the nervous system, etc. The student thus can study the body “as a machine, learning the construction of its parts, the mechanism of their action, the materials with which it is supplied, the chemical transformation of its internal nutrition, as well as the phenomena which it exhibits in every department of the vital operations.”

LABORATORIES.

PRACTICAL CHEMISTRY. The chemical laboratory was recently entirely rebuilt and refurnished throughout. A second story was added, giving abundance of room for the classes in practical chemistry, and furnishing every facility for the illustration of the lectures in the chemical department. The laboratory is open during the entire year. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

The laboratory is well lighted and conveniently arranged. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus.

PATHOLOGICAL ANATOMY AND HISTOLOGY. The study of minute anatomy, in the first instance by microscopes, is aided by illustrations before the class by means of the oxyhydrogen lantern.

Classes in embryology, normal and pathological histology (including the diagnosis of tumors, etc.), and the examination of the urine, will be formed immediately after the beginning of the session.

The laboratory facilities of this college are unsurpassed, and special attention is given to these important branches. The laboratory is open daily for work in histology and pathology. Each student is furnished with reagents, working table and a separate compartment for instruments, etc. The material for use in the various courses is abundant and in available form for study. While each student is required to make freehand sections for examination,

thousands of sections are cut upon a new freezing microtome devised by Prof. Wm. Hailes, who is in charge of this department. The sections of the various representative tissues and organs are cut from 1-1000 to 1-1600 of an inch in thickness, and furnished to each student, during the course in both normal and pathological histology, who is also supplied with a series of outline plates or charts (according to the plan suggested by Prof. Sterling, of Aberdeen, Scotland), in which the main features of the part to be examined are indicated, and he is required to fill out the necessary details. At the end of the course, therefore, each student will be in possession of a full set of microscopic preparations, and of an atlas representing the structure of the more important points. Thus the student at once begins to acquire the art of representing on paper what he sees through the microscope.

FEES AND EXPENSES.

All fees are payable in advance, and are as follows: For matriculation, five dollars, payable each year; for the year's lectures, one hundred dollars; perpetual lecture ticket, entitling to attendance upon two or more courses, one hundred and fifty dollars. Students who have attended two courses of lectures at this college will be required to pay only the matriculation fee. Students who have attended one course of lectures at some other accredited medical colleges will be required to pay seventy-five dollars for their first (junior) and fifty dollars for their last (senior) course, and those who have attended two courses elsewhere will be required to pay seventy-five dollars for their senior course in the college. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon payment of fifty dollars and the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course; dissecting material is free, and there are no incidentals in this department. Courses in the chemical laboratory, and in histology and pathology, ten dollars each. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding-houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates. This plan has been adopted by many students, and several mess clubs are organized annually.

PRIZES AND HOSPITAL APPOINTMENTS.

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M. D., for many years a professor in this college. It consists of a practical working microscope and will be awarded to the senior student passing the best bedside examination in general medicine.

Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics.

Professor Merrill offers a prize for the best report of the eye and ear clinics.

Professor Townsend offers a prize to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examination in obstetrics.

Professor Bigelow offers prizes for the best dry preparation of the pharynx, larynx and œsophagus, and for the best dry preparation of the nose and nasopharynx.

To the senior student passing the best final examination, Dr. T. W. Nellis (A. M. C. '81) of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C. '82) of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the senior student presenting the best thesis.

Dr. A. B. Husted (A. M. C. '63) of Albany, offers a prize consisting of Gross' complete pocket case of instruments to the junior student passing the best final examination.

At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray.....	Holden, Holden's Osteology, Sharpey and Quain, Stricker. [Weisse.
HISTOLOGY—Frey, Satterthwaite.....	Cornil & Ranvier, Wagner.
PATHOLOGICAL ANATOMY—Greene, Woodhead.....	
PHYSIOLOGY—Dalton.....	Kirke, Yeo, Foster, Sterling, Sanderson.
MAT. MED. AND THERAPEUTICS—Wood.....	Ringer, Brunton.
THROAT AND NOSE—Sajous.....	Cohen, Mackenzie.
CHEMICAL PHILOSOPHY—Fownes.....	Witthaus.
ORGANIC CHEMISTRY—Fownes.....	Remsen, Rolfe's Clin. Chem.
INORGANIC CHEMISTRY—Clarke's Elements.....	Fownes, Witthaus, Simon.
ANALYTICAL CHEMISTRY—Crafts.....	Fresenius.
MED. JURISPRUD. AND TOXICOL.—Taylor, Wormley.	Wharton and Stillé, Woodman and Tidy.
CHEMISTRY OF URINE—Tyson.....	Thudichum, Neubauer and Vogel.
THEORY AND PRACTICE—Loomis.....	Bartholow, Flint, Aitken, Strümpell.
HYGIENE—Rohé, Wilson.....	Parkes.
PSYCHOLOGICAL MEDICINE—Spitzka.....	Bucknill & Tuke.
DERMATOLOGY—Bulkeley, Van Haringen.....	Duhring.
DISEASES NERVOUS SYSTEM—Strümpell.....	Gowers.
FRACTURES AND DISLOCATIONS—Hamilton.....	Stimson.
PRIN. AND PRAC. OF SURGERY—Bryant.....	Gross, Holmes, Erichsen, Smith, Gerster, Druitt.
SURGICAL PATHOLOGY—Billroth.....	Paget.
OPERATIVE SURGERY—Smith's Hand-Book.....	Bernard & Huette.
SYPHILIS & GEN. URIN. DISEA'S—Van Buren & Keyes	Cooper, Hutchinson, Morrow, Thompson, Taylor.
SURGICAL DIAGNOSIS—Ranney.....	
OPHTHALMOLOGY—Juler.....	Noyes, Wells, Stellwag.
OTOLOGY—Buck.....	Roosa, Burnett, Politzer.
OBSTETRICS—Lusk.....	Playfair, King, Parvin.
GYNECOLOGY—Emmet.....	Barnes, Mundé, Winckel, Skene, Tait, May.
DISEASES OF CHILDREN—Smith, J. Lewis.....	Meigs and Pepper, Goodhart, Henoch

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a term of three years, including time spent in attending lectures, and he must present evidence of having complied with the law concerning preliminary examination.

He must have attended not less than three regular courses of lectures, the last of which must have been at this college. Students who have taken two or more courses of lectures at other accredited medical colleges, desiring to enter the third year (senior) class in this college, must pass an examination in the departments of anatomy, materia medica and therapeutics, physiology and chemistry, unless a satisfactory certificate of having passed a final examination in these branches is presented. Students who have attended one or more courses elsewhere may enter the second year (junior) class on passing an examination in inorganic chemistry, histology and materia medica, or on furnishing evidence that such final examinations have been passed at some other accredited medical college. Such entrance examinations will be equivalent to those held at the end of the second, and of the first year, respectively, in this college.

He must be of good moral character.

He must deliver to the registrar, six weeks before the end of the term, a thesis written by himself on some medical subject, and be prepared to defend it at his examination. Theses must be written upon paper ten inches by eight inches in size, with a wide margin on the inside of each page.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing and in the order previously stated (see page 6).

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,
4 Lancaster street, Albany, N. Y.

June 15, 1890.

MATRICULANTS.

OF FIFTY-NINTH SESSION, 1889-90.

Name.	State.	Preceptor.
WILLIAM SAMUEL ACKERT.....	New York.	Dr. C. S. Van Etten.
LEO FRANK ADT	Conn	Dr. Thomas L. Axtelle.
WILL AUGUSTINE ALEXANDER	New York.	Dr. O. C. Alexander.
HORATIO SEYMOUR ANSLEY	New York.	Dr. Lewis Balch.
CHARLES FRANCIS ARCHAMBEAULT.	New York.	Dr. L. J. Archambeault.
PATRICK JOSEPH BARRETT	New York.	Dr. J. D. Featherstonhaugh.
LE ROY BECKER.....	New York.	Dr. Hiram Becker.
JOHN BELCHER BEEBE.....	Mass	Dr. Richard Beebe.
ROBERT WOODRUTH BELL, Jr.....	New York.	Dr. A. B. Willis.
CHARLES HENRY BOOTH	New York.	Dr. C. C. Schuyler.
JOHN MOLYNEAUX BOWMAN	New York.	Dr. A. C. Hull.
ROBERT BRITTAIN	New York.	Drs. J. P. Boyd and T. D. Mills.
JOHN CHARLES BROWN	New York.	Dr. R. J. Brown.
MERTON WHELOCK BROWN.....	New York.	Dr. William H. Brown.
WALLACE NELSON BROWN.....	New York.	Dr. M. L. Smith.
ALFRED ROYCE BRUNDAGE	New York.	Drs. J. P. Boyd and D. C. Case.

Name.	State.	Preceptor.
DONALD GILLIES BUCHANAN.....	New York.	Dr. W. T. Baynes.
HENRY BEAMAN BURTON.....	New York.	Dr. M. H. Burton.
FRED BELLINGER CASEY.....	New York.	Dr. J. E. Casey.
FRANK MELVILLE CLEMENT, Ph. G.	New York.	Drs. T. K. Perry and H. E. Mereness.
WILLIS SYLVESTER COBB.....	Mass.....	Dr. R. Beebe.
JOHN HUNTING COBB ..	New York.	Dr. J. W. Cobb.
EDWARD BERNARD COBURN, A. B.	New York.	Dr. E. S. Coburn.
EDWARD VINCENT COLBERT.....	New York.	Dr. J. M. Bigelow.
WALTER HENRY CONLEY, Ph. G..	New York.	Drs. S. B. Ward and T. K. Perry.
FREDERICK WILLIAM CORDES.....	New York.	Dr. John Ashton.
FREDERICK JOSEPH COX, A. B....	New York.	Dr. James W. Cox.
CLEMENT SALTS CROSBY.....	New York.	Dr. E. E. Larkin.
FREDERICK CROUNSE, Jr.....	New York.	Drs. F. and C. J. Crouse.
FRANK EDWARD DEAN.....	Vermont ..	Drs. R. W. Bennett and Wm. Hailes, Jr.
CHARLES DE LA MONTANYE.....	New York.	Dr. Jacob Chambers.
JOHN EMMANS DE MUND.....	New York.	Drs. S. B. Ward and R. F. Weir.
PETER JOHN DERVIN	Mass.....	Dr. J. A. Flynn.
BENKIN EDWARD DEUERLEIN... ..	New York.	Dr. J. W. Hedden.
BENVETT WHITE DEWAR.....	New York.	Dr. J. H. Van Rensselaer.
MELVILLE DAY DICKINSON.....	New York.	Drs. A. Vander Veer and Chas. Dickinson
JOSEPH WILLIAM DROOGAN... ..	New York.	Drs. A. Vander Veer and L. E. Kenney.
JEREMIAH AUCHMOODY DU BOIS..	New York.	Drs. J. Hasbrouck, Jr., and L. Balch.
JAMES FRANCIS EARLEY.....	New York.	Dr. G. H. Newcomb.
JAMES DENSLOW EGGLESTON.....	New York.	Dr. William Hailes, Jr.
PETER JAMES FAGAN.....	New York.	Drs. M. J. Dwyer and M. Keenan, Jr.
GEORGE MICHAEL FISHER.....	New York.	Dr. William Dudley.
WILLIAM JOHN FLEMING	New York.	Dr. Bernard Eagan.
THOMAS HENRY FLYNN.....	New Jersey.	Drs. F. M. Donohue and S. R. Morrow.
HERBERT ASHLEY FRANCISCO.....	Vermont ..	Dr. G. H. Fox.
EUGENE JAMES GALLAGER.....	New York.	Dr. M. J. Dwyer.
NATHAN DAVID GARNSEY, A. B..	New York.	Dr. C. B. Herrick.
CHARLES GARTNER	New York.	Drs. M. J. Zeh and J. C. Shiland.
JOHN PHILIP GILLIGAN.....	New York.	Dr. J. M. Bigelow.
WASHINGTON IRVING GOEWY	New York.	Dr. A. Boyce.
WILLIAM LEWIS GOEWY.....	New York.	Drs. A. Boyce and Wm. Hailes, Jr.
BERT LOUIS GOLDTHWAIT.....	New York.	Drs. W. P. Brierley and W. H. Hagadorn.
HOMER J. GRANT.....	Mass.....	Dr. Frank Paddock.
JOHN BUTLER GROVER.....	Penn.....	Dr. J. B. Weida.
JOHN ADELBERT HAGAR	New York.	Drs. J. S. Phillips, W. J. Peddie and A. Vander Veer.
ARTHUR CLESSON HAGEDORN.....	New York.	Dr. William Davis.
FRANK MORGAN HALL.....	New York.	Dr. H. Holliday.
WILLIAM HENRY HAPPEL.....	New York.	Dr. E. Van Slyke.
GEORGE SHERMAN HASWELL.....	New York.	Dr. A. T. Van Vranken.
FREDERICK PETER HAWKINS.....	New York.	Dr. J. M. Bigelow.
ROBERT ALOYSIUS HEENAN.....	New York.	Drs. R. J. Brown and F. L. Classen.

Name.	State.	Preceptor.
THOMAS HELME..	New York.	Dr. A. J. Blessing.
STANTON HENDRICK.....	New York.	Dr. Wm. B. Morrow.
EDWARD ALTON HOFFMAN.....	New York.	Dr. D. H. Cook.
JOHN HOUGHTON.....	New York.	Dr. R. C. Paris.
JOHN BYRON HULL.....	New York.	Drs. C. W. Geel and J. H. Bissell.
FRANK A. HUSTED	New York.	Dr. G. Q. Johnson.
EDWARD LEE JOHNSON.....	New York.	Dr. T. B. Van Alstyne.
HENRY WARNER JOHNSON, A. B..	New York.	Dr. J. U. Haynes.
EDWARD JOSLIN...	New York.	Drs. J. M. Bigelow and D. C. Case.
JOHN WHITMAN JOSLIN.....	New York.	Drs. W. B. Putnam and L. D. McWayne.
SHERMAN S. KATHAN.....	New York.	Drs. D. L. Kathan and A. Vander Veer.
JAMES FRANCIS KELLEY.....	New Hamp.	Dr. G. A. Underhill.
JOSEPH EUGENE KELLY.....	Mass.	Drs. J. A. Flynn and S. J. Kelly.
WILLIAM P. KELLY...	Mass.	Dr. William N. Mercer.
WILLIAM JAMES KERNAN.....	New York.	Dr. S. B. Ward.
JOHN WARNER KNISKERN.....	New York.	Drs. A. J. Blessing, R. J. Roscoe and A. N. Guffin.
WILLIAM NEWELL KNOWLTON... .	New York.	Drs. F. S. Sweatt and A. Vander Veer.
ROBERT BROCKWAY LAMB, Ph. G.	New York.	Drs. G. G. Lempe and G. M. Lamb.
MICHAEL J. LAWLER.....	New York.	Dr. E. F. Kelley.
LOUIS LE BRUN, Ph. G.....	New York.	Dr. S. R. Morrow.
SHERWOOD LE FEVRE.....	New York.	Dr. W. E. Milbank.
WILLIAM GRANT LEWI.....	New York.	Drs. Joseph and M. J. Lewi, H. Bendell.
GEORGE GRIFFIN LEWIS.. . . .	New York.	Drs. A. Vander Veer and S. D. Lewis.
ROBERT SAMUEL LINDSAY.....	New York.	Dr. Cyrus Haven.
EDWIN CAMERON LIVINGSTON, A. B.	New York.	Dr. M. Bessemer.
HOWARD EATON LOMAX.....	New York.	Dr. R. J. Smith.
FREDERIC WILLIAM LOUGHRAN... .	New York.	Drs. A. Vander Veer and W. J. Nellis.
JAMES HENRY LYONS, A. B.....	New York.	Drs. E. N. Beale and D. L. Kathan.
JOHN JOSEPH LYONS.....,.....	New York.	Drs. W. C. Crombie and D. L. Kathan.
ELMER ELLSWORTH MARTIN.....	New York.	Dr. E. H. Humphrey.
WILLIAM McALLASTER, Ph.G....	New York.	Dr. J. M. Bigelow.
WILLIAM JAMES MCKOWN.....	New York.	Dr. J. F. McKown.
DUNCAN McNAB, Jr.....	New York.	Drs. C. E. Greenman and W. C. Cooper.
FREDERICK AMMI MEAD.....	New York.	Dr. P. R. Furbeck.
SETH ADELBERT MERENESS.....	New York.	Dr. R. J. Roscoe.
CHARLES PARKER MONROE.....	New York.	Dr. L. A. Scovel.
JAMES MANNING MOORE	New York.	Dr. C. H. Moore.
CHARLES B. MOSHER.....	New York.	Dr. Jehiel Lefler.
GEORGE TOMLINSON MOSTON.....	New York.	Drs. A. Vander Veer and C. J. Loggins.
WALTER GRAHAM MURPHY.....	New York.	Dr. J. M. Bigelow.
LEO HAENDEL NEUMAN.....	New York.	Dr. S. B. Ward.
LEWIS RYAN OATMAN.....	New York.	Drs. W. B. Madison and J. M. Bigelow.
JOHN CLEMENT O'HAIRE.....	New York.	Drs. J. C. Shiland and G. H. Houghton.
CHARLES EVERETT ONSLOW*.....	New York.	Dr. Josiah Hasbrouck, Jr.

*Died February 1, 1890.

Name.	State.	Preceptor.
HARRY SEYMOUR PEARSE.....	New York.	Dr. Lewis Balch.
WILLIAM JAMES PENNINGTON.....	New York.	Dr. A. Vander Veer.
MICHAEL FRANCIS PHELAN.....	New York.	Dr. James P. Marsh.
LA ROSE RANCOUR	New York.	Dr. J. M. Bigelow.
ELMER ELLSWORTH REICHARD ...	New York.	Dr. Arlington Boyce.
MARTIN SILAS REID	New York.	Dr. F. M. Devoll.
GEORGE HENRY REYNOLDS.....	New York.	Dr. E. W. Gallup.
FRANK KELLY ROARKE.....	New York.	Drs. L. McLean and C. C. Schuyler.
SMITH MALON ROODS.....	New York.	Dr. H. M. Lincoln.
ARTHUR GUERNSEY ROOT.....	Mass.....	Drs. William Hailes, W. P. Brierley and M. Jones.
WALTER BUSKIRK ROSSMAN.....	New York.	Dr. F. Townsend, Jr.
THOMAS ADDIS RYAN.....	New York.	Drs. A. Vander Veer and W. C. Marselius
WARD BEECHER SALTSMAN.....	New York.	Dr. F. V. Brownell.
REED ALONZO SAUTER.	New York.	Dr. H. V. Mynderse.
ARTHUR SAUTTER, Ph. G.....	New York.	Drs. S. B. Ward and H. Lilienthal.
WILL ORVIS SCOTT.....	New York.	Dr. F. L. Harter.
CHARLES ROBERT SEYMOUR.....	New York.	Dr. J. F. Pratt.
IRA EARNEST SHAFFER.....	New York.	Dr. C. S. Van Etten.
MELVIN SHELDON	New York.	Dr. J. H. Allen.
ABRAM BAKER SIMMONS.....	New York.	Drs. D. W. Houston and W. H. T. Rey- nolds.
EDGAR SEYMOUR SIMPKINS.....	New York.	Drs. A. Vander Veer, William Hailes, Jr., and J. Lawyer.
HARMON ARTHUR STALEY.....	New York.	Dr. J. M. Bigelow.
MINOT ALPHEUS STEELE.	New York.	Dr. A. Vander Veer.
JOHN JAY SULLIVAN, A. B.....	New York.	Drs. R. H. McCarty and E. F. Sheehan.
ICHABOD THOMAS SUTTON... ..	New York.	Dr. B. A. Johnson.
ARTHUR AMBROSE SWANICK... ..	New York.	Dr. C. S. Grant.
WILLARD HAMILTON SWEET.....	New York.	Dr. F. R. Greene.
DAVID LEWIS TAYLOR.....	New York.	Dr. J. H. Van Rensselaer.
FRANKLIN STUART TEMPLE.....	Mass.....	Drs. L. T. Platt and J. L. Cooper.
CLEMENT FRANK THEISEN.....	New York.	Drs. T. P. Bailey and R. J. Smith.
JAMES HENRY TIMMERS.....	New York.	Dr. Charles H. Moore.
JAMES HENRY TOBIN.....	New York.	Dr. P. J. Keegan.
EVERT EVERTSEN TRACY.....	New York.	Dr. C. E. Jones.
HARVEY WARD VAN ALLEN.....	New York.	Drs. S. B. Ward and J. B. Southworth.
LANSING VAN AUKEN, A. B.....	New York.	Dr. R. D. Traver.
ARTHUR BURTON VAN LOON.....	New York.	Dr. W. E. Milbank.
GEORGE JOHN VAN VEGHTEN.....	New York.	Dr. George Hudson.
WILLIAM LEVI WEED.....	New York.	Dr. J. H. Bissell.
FREDERICK CHARLES WHITE.....	Mass.....	Dr. S. C. Burton.
ALFRED GEORGE WILDING.....	New York.	Dr. R. J. Wilding.
FREDERIC ALLEN WILLIAMS.....	New York.	Dr. A. Vander Veer.
GEORGE AUSTAIN WILLIAMS, M.D.S.	New York.	Drs. S. T. De La Mater and J. P. Boyd.
JAMES WESLEY WILTSE	New York.	Dr. B. A. Johnson.

Graduates of 1890, with Subjects of Theses.

COMMENCEMENT EXERCISES HELD AT HARMANUS BLEECKER HALL,
WEDNESDAY, MARCH 19, 1890.

Will Augustine Alexander,	-	-	-	-	<i>Remittent Fever.</i>
Horatio Seymour Ansley,	-	-	-	-	<i>Heat and Moisture in Surgery.</i>
Robert Brittain,	-	-	-	-	<i>Bacteria.</i>
Alfred Royce Brundage,	-	-	-	-	<i>Treatment of Typhoid Fever.</i>
Frank Melville Clement, Ph. G.,	-	-	-	-	<i>Infant Dietetics.</i>
Willis Sylvester Cobb,	-	-	-	-	<i>Pulmonary Phthisis.</i>
Edward Bernard Coburn, A. B.,	-	-	-	-	<i>Hints on Urinalysis.</i>
Edward Vincent Colbert,	-	-	-	-	<i>Acute Rhinitis.</i>
Clement Salts Crosby,	-	-	-	-	<i>Electricity in Medicine.</i>
Frederick Crouse, Jr.,	-	-	-	-	<i>Treatment of Abortion.</i>
Charles De La Montanye,	-	-	-	-	<i>Diphtheria.</i>
John Emmans De Mund,	-	-	-	-	<i>Uraemia.</i>
Melville Day Dickinson,	-	-	-	-	<i>Pathology of Inflammation.</i>
James Francis Earley,	-	-	-	-	<i>Variola.</i>
Thomas Henry Flynn,	-	-	-	-	<i>Examination of Urine.</i>
John Philip Gilligan,	-	-	-	-	<i>Influenza.</i>
John Adelbert Hagar,	-	-	-	-	<i>Antiseptic Surgery.</i>
Frank Morgan Hall,	-	-	-	-	<i>Hydro-Therapeutics.</i>
William Henry Happel,	-	-	-	-	<i>Sulfonal.</i>
Thomas Helme,	-	-	-	-	<i>Rubeola.</i>
John Houghton,	-	-	-	-	<i>Typhus Fever.</i>
John Warner Kniskern,	-	-	-	-	<i>La Grippe.</i>
Michael Jay Lawler,	-	-	-	-	<i>Pathology of Hereditary Syphilis.</i>
George Griffin Lewis,	-	-	-	-	<i>The Germ Theory.</i>
Robert Samuel Lindsay,	-	-	-	-	<i>Scarlatina.</i>
Frederic William Loughran,	-	-	-	-	<i>The Examination of Faeces.</i>
James Henry Lyons, A. B.,	-	-	-	-	<i>Scarlatina.</i>
John Joseph Lyons,	-	-	-	-	<i>Aortic Disease.</i>
Seth Adelbert Mereness,	-	-	-	-	<i>Etiology of Tuberculosis.</i>
George Tomlinson Moston,	-	-	-	-	<i>Rachitis.</i>
Walter Graham Murphy,	-	-	-	-	<i>Uraemic Toxaemia.</i>
Arthur Guernsey Root,	-	-	-	-	<i>Intubation of the Larynx.</i>
Edgar Seymour Simpkins,	-	-	-	-	<i>Gonorrhœa.</i>
Minot Alpheus Steele,	-	-	-	-	<i>Diphtheria.</i>
John Jay Sullivan, A. B.,	-	-	-	-	<i>Extra-Uterine Pregnancy.</i>
Ichabod Thomas Sutton,	-	-	-	-	<i>Acute Parenchymatous Nephritis.</i>
James Henry Tobin,	-	-	-	-	<i>A Case of Tetanus.</i>

List of Commencements and Graduates, 1839-1890.

No. of Course.	Date of Commencement.	Number of Students Attending.	Number of Graduates.	No. of Course.	Date of Commencement.	Number of Students Attending.	Number of Graduates.
1	April 24, 1839.....	68	13	32	May 28, 1863.....	60	22
2	April 24, 1840.....	73	17	33	December 22, 1863.....	104	21
3	February 24, 1841.....	122	30	34	December 24, 1864.....	110	45
4	February 23, 1842.....	101	28	35	December 25, 1865.....	111	41
5	January 24, 1843.....	103	20	36	December 22, 1866.....	116	53
6	January 23, 1844.....	108	24	37	December 4, 1867.....	88	34
7	January 21, 1845.....	108	22	38	December 22, 1868.....	96	33
8	January 27, 1846.....	115	42	39	December 23, 1869.....	76	28
9	January 26, 1847.....	109	31	40	December 22, 1870.....	86	27
10	January 25, 1848.....	88	20	41	December 26, 1871.....	100	33
11	January 23, 1849.....	96	25	42	December 23, 1872.....	100	25
12	January 22, 1850.....	93	24	43	January 20, 1874.....	107	34
13	January 21, 1851.....	81	22	44	December 22, 1874.....	116	47
14	January 27, 1852.....	66	28	45	December 23, 1875.....	123	39
15	January 25, 1853.....	58	19	46	January 31, 1877.....	116	38
16	May 31, 1853.....	38	12	47	January 30, 1878.....	123	31
17	December 27, 1853.....	75	22	48	January 29, 1879.....	153	43
18	June 13, 1854.....	89	31	49	March 3, 1880.....	161	47
19	December 26, 1854.....	76	18	50	March 2, 1881.....	179	58
20	June 12, 1855.....	73	40	51	March 1, 1882.....	170	54
21	December 24, 1855.....	74	26	52	March 7, 1883.....	157	51
22	June 10, 1856.....	81	46	53	March 5, 1884.....	149	43
23	December 19, 1856.....	56	18	54	March 4, 1885.....	143	33
24	June 9, 1857.....	50	27	55	March 3, 1886.....	145	40
25	December 26, 1857.....	99	22	56	March 16, 1887.....	145	37
26	June 8, 1858.....	71	25	57	March 15, 1888.....	132	37
27	December 28, 1858.....	65	29	58	March 21, 1889.....	136	41
28	December 27, 1859.....	85	40	59	March 19, 1890.....	148	37
29	December 26, 1860.....	73	23				
30	December 21, 1861.....	63	21				
31	December 23, 1862.....	98	28				
Total number of Graduates.....						1865	

HISTORICAL LIST OF FACULTY, 1839-1889.

- EBENEZER EMMONS, M. D., Chemistry and Natural History from 1838 to 1839; Materia Medica and Natural History, 1840 to 1843; Obstetrics and Natural History, 1843 to 1853; Emeritus Professor of Obstetrics and Natural History, 1853 to 1854.
- JAMES H. ARMSBY, M. D., Anatomy and Physiology, 1838 to 1839; Anatomy, 1840 to 1869; Principles and Practice of Surgery, 1870 to 1875; died 1875.
- DAVID M. REESE, M. D., Theory and Practice of Medicine, 1839 to 1840.
- ALDEN MARCH, M. D., Surgery, 1838 to 1869; died 1869.
- HENRY GREENE, M. D., Obstetrics and Diseases of Women and Children, 1838 to 1839.
- DAVID M. MACLACHLAN, M. D., Materia Medica and Pharmacy, 1838 to 1839; Materia Medica and Therapeutics, 1839 to 1840; Diseases of Women and Children, 1840 to 1842.
- AMOS DEAN, Esq., Medical Jurisprudence, 1839 to 1859; Emeritus Professor of Medical Jurisprudence, 1867 to 1868; died 1868.

- THOMAS HUN, M. D., Institutes of Medicine, 1839 to 1853; Institutes of Medicine and Materia Medica, 1853 to 1855; Institutes of Medicine, 1855 to 1859; Emeritus Professor of the Institutes of Medicine, 1876 to —.
- GUNNING S. BEDFORD, M. D., Obstetrics, 1839 to 1840.
- JAMES MCNAUGHTON, M. D., Theory and Practice of Medicine, 1840 to 1874; died 1874.
- LEWIS C. BECK, M. D., Chemistry and Therapeutics, 1840 to 1841; Chemistry and Pharmacy, 1841 to 1853; died 1853.
- T. ROMEYN BECK, M. D., Materia Medica, 1842 to 1853; Emeritus Professor of Materia Medica, 1853 to 1856; died 1856.
- HOWARD TOWNSEND, M. D., Obstetrics, 1853 to 1855; Materia Medica, 1855 to 1859; Materia Medica and Physiology, 1859 to 1867; died 1867.
- EZRA S. CARR, M. D., Chemistry and Pharmacy, 1853 to 1857.
- JOHN V. P. QUACKENBUSH, M. D., Obstetrics and Diseases of Women and Children, 1855 to 1856; Midwifery and Diseases of Women and Children, 1856 to 1859; Obstetrics and Diseases of Women and Children, 1859 to 1870; Diseases of Women and Children, 1876; died 1876.
- CHARLES H. PORTER, M. D., Chemistry and Pharmacy, 1857 to 1859; Chemistry and Medical Jurisprudence, 1859 to 1864.
- GEORGE F. BARKER, M. D., Acting Professor of Chemistry, 1862 to 1863.
- JACOB S. MOSHER, M. D., PH. D., Lecturer on Chemistry, 1864; Chemistry and Medical Jurisprudence, 1864 to 1870; Medical Jurisprudence and Hygiene, 1876 to 1882; Pathology, Practice, Clinical Medicine and Hygiene, 1882 to 1883; died 1883.
- S. OAKLEY VANDER POEL, M. D., LL. D., General Pathology and Clinical Medicine, 1867 to 1870; Theory and Practice and Clinical Medicine, 1876 to 1878; Pathology, Practice and Clinical Medicine, 1878 to 1882; Emeritus Professor of Pathology, Practice and Clinical Medicine, 1882 to 1886; died 1886.
- JAMES E. POMFRET, M. D., Lecturer on Anatomy, 1861; Physiology, 1867 to 1869; died 1869.
- JOHN V. LANSING, M. D., Materia Medica, 1867 to 1870; Physiology and Clinical Medicine, 1870 to 1873; Principles and Practice of Medicine and Clinical Medicine, 1873 to 1876.
- HENRY R. HASKINS, M. D., Surgical and Descriptive Anatomy, 1869 to 1874; Anatomy, 1874 to 1876.
- ALBERT VANDER VEER, M. D., General and Special Anatomy, 1869 to 1873; Principles and Practice of Surgery, 1876 to 1880; Principles and Practice of Surgery and Clinical Surgery, 1880 to 1883; Surgery and Clinical Surgery, 1883 to 1889; Didactic, Abdominal and Clinical Surgery, 1889 to —.
- EDMUND R. PEASLEE, M. D., Diseases of Women, 1870 to 1873.
- MEREDITH CLYMER, M. D., Diseases of Nervous System and the Mind, 1870 to 1873.
- WILLIAM P. SEYMOUR, M. D., Obstetrics and Diseases of Women and Children, 1870 to 1876.
- GEORGE T. STEVENS, M. D., Ophthalmology and Orthopedic Surgery, 1870 to 1873; Physiology and Ophthalmology, 1873 to 1875; Ophthalmology, 1875 to 1876.
- JOHN M. BIGELOW, M. D., Materia Medica, 1870 to 1873; Materia Medica and Therapeutics, 1873; Materia Medica and Therapeutics, 1876 to 1882; Materia Medica and

- Therapeutics, Diseases of the Throat and Clinical Laryngoscopy, 1882 to 1888; Materia Medica, Therapeutics and Diseases of the Throat and Nose, 1888 to —.
- MAURICE PERKINS, M. D., Chemistry and Toxicology, 1870 to 1876; Chemical Philosophy and Organic Chemistry, 1876 to —.
- IRA HARRIS, LL. D., Medical Jurisprudence, 1870 to 1874.
- WILLIS G. TUCKER, M. D., Assistant Professor of Chemistry, 1871 to 1874; Lecturer on Materia Medica and Assistant Professor of Chemistry, 1874 to 1875; Adjunct Professor of Materia Medica and Chemistry, 1875 to 1876; Inorganic and Analytical Chemistry, 1876 to 1882; Inorganic and Analytical Chemistry and Medical Jurisprudence, 1882 to 1887; Inorganic and Analytical Chemistry and Toxicology, 1887 to —.
- WILLIAM HAILES, M. D., Lecturer on Pathological Anatomy, 1874 to 1875; Adjunct Professor of Pathological Anatomy, 1875 to 1876; Histology and Pathological Anatomy, 1876 to 1886; Histology and Pathological Anatomy and Clinical Surgery, 1886 to 1889; Pathological Anatomy, Histology and Fractures and Dislocations, 1889 to —.
- HARRISON E. WEBSTER, A. M., Lecturer on Physiology, 1875 to 1880.
- JOHN SWINBURNE, M. D., Fractures and Dislocations and Clinical Surgery, 1876 to 1880.
- LEWIS BALCH, M. D., Anatomy, 1876 to 1887; Anatomy and Medical Jurisprudence, 1887 to —.
- SAMUEL B. WARD, M. D., Surgical Pathology and Operative Surgery, 1876 to 1880; Surgical Pathology and Operative Surgery and Clinical Surgery, 1880 to 1883; Pathology, Practice, Clinical Medicine and Hygiene, 1883 to 1889; Theory and Practice of Medicine, 1889 to —.
- JOHN P. GRAY, M. D., LL. D., Psychological Medicine, 1876 to 1886; died 1886.
- EDWARD R. HUN, M. D., Diseases of Nervous System, 1876 to 1880; died 1880.
- JAMES P. BOYD, Jr., M. D., Diseases of Women and Children, 1876; Obstetrics and Diseases of Women and Children, 1876 to 1886; Obstetrics, Gynecology and Diseases of Children, 1886 to —.
- CYRUS S. MERRILL, M. D., Ophthalmology, 1876 to 1881; Ophthalmology and Otolaryngology, 1881 to —.
- S. OAKLEY VANDER POEL, Jr., M. D., Adjunct Professor of Pathology, Practice and Clinical Medicine, 1880 to 1884.
- FRANKLIN TOWNSEND, Jr., M. D., Lecturer on Physiology, 1880 to 1881; Professor of Physiology, 1881 to —.
- FREDERIC C. CURTIS, M. D., Adjunct Professor of Dermatology, 1880 to 1884; Professor of Dermatology, 1884 to —.
- HENRY HUN, M. D., Lecturer on Nervous Diseases, 1883 to 1885; Diseases of the Nervous System, 1885 to 1887; Diseases of the Nervous System and Psychological Medicine, 1887 to —.
- SAMUEL R. MORROW, M. D., Lecturer Adjunct to the Chair of Surgery, 1884 to 1886; Adjunct Professor of Surgery, 1886 to 1887; Adjunct Professor of Surgery and Lecturer on Anatomy, 1887 to 1889; Adjunct Professor of Anatomy and Orthopedic Surgery, 1889 to —.

LIST OF GRADUATES, 1839-1890.

Abbott, James K.....1871	Avery, Thos. S.....1847	Beaudriau, L. C. G.....1862	Bosworth, George G.....1869	Browne, Alfred L.....1886
George M.....1879	George W.....1850	Becker, John H.....1853	Boulware, Jephtha R.....1859	Brownell, Gilbert H.....1839
Abrams, Alva E.....1881	Gabriel D.....1853	Isaac S.....1856	Bowen, Elisha C.....1858	Frank V.....1882
Hiram C.....1882	Douglas.....1865	Hiram.....1864	Asa B.....1868	Brumaghin, Peter A.....1844
Adams, Frederick C.....1847	Babbitt, Robert A.....1860	Beckett, Thos.....1861	J. Edwin.....1884	Brundage, Alfred H.....1856
John S.....1855	Babcock, Welcome A.....1842	Bedell, Caleb C.....1874	Horace L.....1864	Alfred R.....1890
Newton H.....1859	James L.....1850	Beebe, Dewitt C.....1863	Bowen, Townsend.....1872	Bryant, Charles G.....1852
Aiken, Ephraim R.....1851	Henry E.....1855	Beech, John H.....1841	Boyce, Arlington.....1849	Buck, Harman A.....1855
Edward.....1868	Marvin.....1873	Bell, Harvey W.....1866	Elias B.....1858	Buckbee, Israel I.....1841
Akin, Washington.....1858	Robert.....1884	William F.....1880	Frank M.....1872	Frank G.....1871
Alexander, O. C.....1854	Bacon, Jas. G.....1860	Frank A.....1889	Henry W.....1866	Bucklin, Daniel D.....1846
James J.....1871	Charles J.....1865	Bellinger, Frederick P.....1880	Bradbury, George A.....1883	Buffington, Charles E.....1873
Will A.....1890	Charles G.....1874	Bendel, Herman.....1862	Bradley, John N.....1875	Bulkley, J. Lyman.....1874
Allbee, Elmore S.....1870	William H.....1853	Benedict, Ford H.....1868	Elvin D.....1881	Bullard, Geo. E.....1853
Albright, Isaac N.....1885	William C.....1873	Benjamin, George H.....1872	Charles N.....1887	Bullions, H. L.....1854
Aldrich, Charles F.....1883	Baker, Chas. H.....1843	Bennett, Henry J.....1856	Charles N.....1887	Bumstead, Chas. Smith.....1889
Charles F.....1883	Bryan D.....1842	Benson, Geo. E.....1853	Bradner, N. Roe, Jr.....1864	Burbeck, Chas. H.....1859
Allaben, Jas. L.....1866	James I.....1854	Benton, Jas. D.....1857	David S.....1866	Burdick, John E.....1863
Allen, Almon N.....1845	George H.....1886	Bestle, Rudolph.....1888	Delos W.....1853	Burger, Albert B.....1866
James H.....1852	William L.....1863	Betts, W. Winthrop.....1883	Warren M.....1875	Burgess, Frank S.....1850
W. E.....1856	Dorman.....1877	Bidwell, J. P.....1860	Brennan, Jas. Edward.....1889	Burke, Abraham C.....1845
William G.....1857	Barber, Hiram.....1847	Bigelow, Uriah G.....1843	Brett, Jas. R.....1858	Burnett, Charles S.....1879
Charles H.....1859	Charles B.....1866	Billings, John M.....1870	Brewer, Frederic H.....1878	Burnham, William G.....1866
Duncan S.....1865	Barker, Geo. F.....1863	Bingham, Jeptha S.....1846	Brierley, William P.....1886	Burr, A. E.....1858
Henry W.....1868	James F.....1877	Blair, Myron.....1842	Briggs, Jacob Myers.....1869	Burt, Asahel, Jr.....1861
Almon S.....1872	Barkman, Menzo.....1879	Blenden, O. H.....1863	Warren M.....1875	A. Marshall.....1889
J. Emerson.....1872	Barnard, S. P.....1853	Biggam, Wm. H.....1841	Brennan, Jas. Edward.....1889	Burtch, Harry M.....1882
William L.....1881	James T.....1865	Billings, A. Judson.....1854	Brett, Jas. R.....1858	Burton, Casper V. W.....1842
Almy, Henry A.....1846	Barnes, Orson.....1852	Bingham, Jeptha S.....1846	Brewer, Frederic H.....1878	William T.....1851
Alsodrf, David F.....1855	N. Rounds.....1858	Birdsall, John.....1841	Brierley, William P.....1886	Matthew H.....1853
Amber, Will Burette.....1883	Edwin.....1865	Bissell, Jas. Harvey.....1887	Briggs, Jacob Myers.....1869	Reuben B.....1855
Andrew, Russell G.....1866	Barney, A. G.....1860	Blair, Myron.....1842	Solon.....1863	Stephen C.....1880
Andrews, Robert M.....1888	Reuben.....1865	Blair, Myron.....1842	Charles G.....1889	Frank.....1882
Angus, Ernest L.....1885	Charles S.....1883	Birdsall, John.....1841	Brinckerhoff, Truman S.....1856	Bush, Wm. P.....1858
Ansley, Horatio S.....1890	Fred Morgan.....1888	Bissell, Jas. Harvey.....1887	Bristol, Chas. G.....1862	Bushnell, Benjamin E.....1844
Appley, William W.....1870	Barnum, D. Albert.....1865	Blakeslee, Alfred P.....1841	Brittain, Robt.....1890	Kenyon A.....1879
Archambeault, L. J. S.....1881	Barrus, Geo. B.....1854	Blanchard, Henry Delos.....1882	Broga, Wm. Wallace.....1887	Buswell, Elbridge G.....1846
Archibold, John.....1888	Barry, David James.....1888	Blatner, J. H.....1875	Bronk, Edmund F.....1884	Butman, Wm. C. P.....1854
Armsby, Gideon H.....1864	Barstow, H. B.....1853	Blessing, Adam J.....1886	Bronson, Levi, Jr.....1842	Butts, Elihu.....1848
Armstrong, Lewis.....1843	Barton, Thomas J.....1855	Bliss, Wm. Anson.....1862	Brooks, A. J.....1863	Ovid L.....1866
Lewis.....1843	Bartlett, Ezra A.....1879	Blondel, J. H.....1875	N. G.....1861	Byington, Cassius P.....1882
Samuel E.....1885	Bass, Edgar C.....1858	Bloss, Fred S.....1884	Henry T.....1887	Cady, Wm. F.....1853
Arnold, Jno. D.....1846	Bassett, Jared.....1839	Bolz, Charles.....1883	Brower, Abram Giles.....1863	Caldwell, Nathan A.....1881
J. Newton.....1862	Wilson T.....1844	Bonesteel, William N.....1863	William B.....1844	Calhoun, John.....1845
Arthur, William, Jr.....1856	William.....1845	Bonster, Howard F.....1889	Cyrus N.....1863	Callender, Chas. H.....1889
Ashton, Lourie.....1883	George D.....1852	Boon, Henry W.....1866	Benjamin F.....1885	
Atkins, Edward B.....1874	Bates, Henry G.....1846	Booth, Burton S.....1889	Ira D.....1863	
Atwater, David.....1841	Charles E.....1856	Bosley, Geo. H.....1864	William A.....1866	
Austin, J. McM.....1843	Xyris T.....1867	Botwick, David E.....1846	Joseph R.....1868	
Solomon W.....1854	Bayard, Andrew H.....1889		Edward E.....1879	
Hervey N.....1859	Baynes, Wm. T.....1871		Richard J.....1882	
Eugene M.....1887	Joseph E.....1886		Edward F.....1885	
	Beakes, Geo. M.....1856		Henry W.....1889	
	Beakley, Geo.....1850			
	Beals, Diodorus S.....1846			
	Beard, Franklin P.....1875			
	Beardslee, S. T.....1856			
	Beardsley, David S.....1840			

Cameron, John S.1842 R. H.1870	Classen, Fred L.1881 Clement, Frank M.1890	Crandon, W. B.1858 Charles E.1873 Edward L.1881	De Golia, William S.1882 De Graff, A.1858	Dunning, Zopher F.1888 Durant, Thomas C.1840
Campbell, John.1843 Augustus1845 William B.1880 William M.1889	Clowe, Chas. Francis.1888 Clyne, Jas. A.1886 Cobb, John W.1858 Orson F.1868 Willis S.1890	Crary, Chas. W.1858 Henry A.1866 Crawford, S.1857 Charles H.1881	De Hamilton1855 Deitz, Wallace E.1882	Dui yee, C. C.1881 Dutcher, Egbert W.1870
Capron, Eliab W.1855 Arthur S.1886	Coburn, Edward B.1890	Crockett, Edwin.1868 Cromwell, Jas.1853 Philip I.1870	De La Mater, Stephen G.1842 Ira M.1850 Horace B.1877 Stephen T.1880 William H.1886	Dutton, Wm. H.1855 Dwan, J. M.1860 Dwyer, Martin.1883 Eagan, Bernard.1882
Carhart, G. L.1848 Edward W.1878	Cochran, George D.1871	Crombie, Walter C.1879	De La Montanye, Charles.1890	Earley, James F.1890
Carmichael, John H.1873	Cochrane, Luther.1845 Adam H.1857 James B.1864 Coe, Chas. M.1884	Cronin, James.1888 Cronkhitte, Henry M.1858	De Lano, Frank T.1883	Eastman, Noah L.1886
Carpenter, Charles H.1857 Henry H.1859 Edward A.1869 Calvin E.1882	Colbert, Edward V.1890	Crosby, Clement S.1890 Cross, Jere. A.1856 Lemuel.1856 Willis H.1858	Delavan, John Savage.1861	Eaton, Jas. H.1854 Ebell, Adrian J.1869
Carr, Rob't F.1855 James1886 Fred1888	Colburn, John E.1877 Colby, Jas. R.1867	Crothers, Thomas D.1865	De Long, William H.1866	Eccleston, Alvin H.1880 Ecker, Cyrus.1874 Ederly, Edward F.1864
Carrier, Lester R.1859	Colcord, Daniel W.1874	Crouse, Jacob A.1844 Conrad J.1846 John F.1868 Jesse1877 Andrew C.1885 Frederick, Jr.1890	De Mund, John E.1890 Dennison, Jno.1846	Edmeston, Alexander A.1853 Edmonds, Almon B.1839 Hiram A.1853
Carroll, Terence L.1885	Coleman, J. Cash.1863	Crowley, John A.1877 Cullen, Robt. J.1877	Devoll, Franklin M.1884 De Witt, Jno. H.1863 Devoe, Geo. A.1869 Fred S.1889	Edsall, Henry M.1856 William H.1877 Irving S.1885 Edson, Isaac C.1867 Henry S.1877
Carson, Matthew R.1857 Wm. Alonzo.1863	Collier, Albert V. D.1866	Crowell, A. W.1843	De Zouche, Isaac1869 Dickerson, D. E.1857	Edson, Isaac C.1867 Henry S.1877
Carter, Norris M.1859	Collins, Jerome R.1856 Isaac Griffin.1858 Edgar C.1880	Crowley, John A.1877	Dickson, Charles1860 Edward J.1866 George F.1874 Melville D.1890	Ellison, Obadiah T.1856 Ellithorp, Oscar A.1880
Cartier, Henry.1839 Case; Henry S.1853 Daniel C.1870	Comfort, John E.1864	Cullen, Robt. J.1877	Dickson, Gilbert J.1879	Ellsworth, E. P.1858 Elmendorf, George E.1875
Casey, Jas. E.1852	Condit, Daniel T.1874	Culver, Charles M.1881 Cumming, R. L.1854	Didama, Henry D.1846	Emerson, Geo.1873 Joseph1883
Casler, Alonzo P.1880	Conklin, George W.1840	Cumming, R. L.1854	Diefendorf, Edward1845	Emory, Grenville A.1867
Cass, Jonathan.1854	Conlin, Berthold M. J.1875	Cummings, Wm. A. E.1884	Diamond, Edward1845	Engle, Sanford J.1879
Catlin, Charles A.1861 Caughell, D. M.1858	Connelly, R. S.1858	Cunningham, Chas. B.1888	Dimon, Russell J.1883	Ennis, Alex.1855 Ensign, E. Lee.1856 Robert E.1857 C. W.1871
Chadwick, George H.1857	Conover, Charles I.1878	Curley, Peter F.1883	Dirker, John.1857	Robert E.1857 C. W.1871
Chaffee, Heman.1854	Cook, Alfred.1839 James B.1841 Charles R.1847 Daniel H.1873	Curran, Sylvanus C.1885 Curry, David.1859 Curtis, Simeon.1849 William N.1870 Pierson C.1884	Dixon, John C.1854 Dockstader, Jacob A.1845 Dodge, Samuel.1848 Daniel G.1849 Lyndhurst C.1862	Entwistle, James G. W.1883
Chaloner, Clarence A.1881	Cooper, Alvin.1850 William S.1861 John W.1865 Warren C.1881	Cutler, Hiram C.1855 Cutter, John A.1886	Dolan, Wm. E.1877 Dolson, Jos. S.1848 Donald, Wm. J.1877	Evans, Benjamin F.1875 Owen J.1862 John Joseph.1888
Chamberlain, C. H.1870	Coons, Eugene H.1886	Cutter, John A.1886	Donahue, William S.1883	Evarts, Herman C.1873
Chambers, Thomas H.1855 William B.1858	Cooper, Alvin.1850 William S.1861 John W.1865 Warren C.1881	Daggett, Nathan G.1867 Dana, Henry T.1863	Donnerly, William S.1883	Everett, Nelson.1881
Champlin, Hallen C.1843	Coorn, Lewis.1857	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Donoghue, Daniel F.1880	Everitt, Edward A.1856 J. Lowman.1859
Chapin, Francis L. R.1851	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dorn, John H.1864 Dornet, Jas. S.1882	Edward A.1856 J. Lowman.1859
Chapman, S., Jr.1854	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dorval, Alphonzo C.1889 Doty, J. M.1861	Faling, Peter.1854 Falk, Jacob M.1884
Charrette, Louis1842 Chase, Edwin R.1854 Herman1875	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Doyle, G. Carpenter.1857 Dox, Geo. N.1843 Drake, Thos. B.1857 D. D.1864	Fairbank, J Alex. W.1874
Chesebrough, Silas James.1844 Izrahiah W.1846 Samuel1889	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Draper, Geo. W.1858 Eugene M.1873	Fairchild, David S.1868 Merritt B.1868
Chipman, E. D.1863	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Drummond, J. B.1858	Fay, Henry B.1843
Christman, Harvey J.1864	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fanning, Nelson, Jr.1859 Fawdry, Wm. Cady.1885
Chittenden, George W.1846	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fatherstonhaugh, James D.1874 Thomas R.1877
Church, Ennis.1843 Levi R.1854	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
Churchill, Alonzo1874 Cippery, John.1856	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
Cippsaddle, H. H.1872	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
Clark, Wm. A.1843 Denman1845 Peleg A.1854 Caleb1862	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
Clarke, E. H.1848 Henry Kipp.1862 Henry A.1866	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.1889	Fawdry, Wm. Cady.1885
	Coors, Eugene H.1886	Dansereau, Hercule1853 Darrall, C. B.1863 Darrow, C. H.1854	Dunbar, M. Francis.1887 Duane, Henry.1861 Dubois, H. H.1856 Duffin, John.1849 Duffy, Edward.1842 Dumond, C. J.1865 Duncan, Richard F.	

Fernald, Lewis.....1875	Fuller, Robert.....1875	Greene, Joseph C.....1855	Haskins, Henry R.....1861	Holliday, Hamilton.....1884
Ferry, Jos. E.....1868	Earl D.....1878	Fred R.....1884	Havens, Jeremiah D.....1861	Hollister, William L.....1861
Field, Hiram R.....1862	Hezekiah D.....1879	Greenman, Chas. Edgar.....1889	R. Grant.....1874	Holmes, J. H.....1847
Finch, Morgan L.....1841	Furbeck, Henry L.....1881	Gregory, John R.....1858	Hawkins, Luther E.....1877	Henry P.....1875
Henry C.....1882	Furman, Robert, Jr.....1880	Justus E.....1863	Hawley, Henry T.....1851	Geo. James.....1882
Elmer E.....1886	Galloway, P. J.....1856	George W.....1879	William A.....1851	Holsapple, David H.....1847
Fish, Edmund F.....1879	Gallup, Ezekiel W.....1866	Griffin, Lansing.....1857	Hayden, Ferdinand V.....1853	Hooker, Samuel L.....1851
William B.....1879	James H.....1871	James M.....1869	Haynes, J. K.....1858	Hopkins, George F.....1878
Fisher, Chas. G.....1879	Garbutt, Frank.....1872	Albert C.....1880	John U.....1872	Horton, Harvey A.....1856
Fisk, E. Jay.....1871	Gardner, W. Frederick.....1883	Grinnel, Benjamin P.....1856	Hays, Wm. N.....1875	Henry L.....1859
Frank H.....1883	Gardner, Thomas J.....1853	Griswold, W. R.....1853	Thomas.....1881	H. J.....1862
Fitch, Wm.....1849	George F.....1878	Groesbeck, Abram.....1849	Franklin R.....1883	Hostetler, Daniel J.....1855
Allen.....1879	Gates, Stephen A.....1878	Groot, Cornelius A.....1864	Hazeltine, Charles S.....1866	William B.....1865
Fitzgerald, Reynaldo J.....1882	Gebhardt, Charles W.....1851	Grover, Allen C.....1866	Hazen, D. C. Linton.....1882	Hotaling, John.....1863
David J.....1884	Geel, Chas. W.....1885	Guffin, Andrew J.....1868	Head, A. D.....1882	Houghton, Geo. Henry.....1882
John F.....1886	Geer, Ira B.....1842	Alfredo N.....1885	Healey, L. B.....1856	John.....1890
Fivey, Robert E.....1887	Geoghan, Wm.....1873	Gunn, Chas. B.....1844	James C.....1877	House, Charles.....1846
Flagler, T. B.....1854	Getman, Jacob F.....1867	Guy, Sam'l S.....1846	Heath, Chas. E.....1856	Houser, John W.....1875
Emmett.....1865	A. A.....1871	Hagadorn, Wm. H.....1880	Newton E.....1883	Howard, Daniel B.....1865
Fleetwood, W. N.....1858	Gibbs, W. St. Clair.....1883	Hagar, John A.....1890	Heatly, John Alex.....1887	Howe, Edward N.....1857
Fletcher, Elmer Lewis.....1887	Gibson, Henry.....1840	Hailes, Wm., Jr.....1870	Hekimian, Hurand H.....1889	Howes, Thos. C.....1849
Fleischman, David.....1881	C. A.....1860	Haines, Edwin.....1867	Helme, Thos.....1854	Hoysradt, J. H.....1853
Fleming, Walter M.....1862	Giddings, A. W.....1854	Hale, Lorenzo.....1868	Thomas, Jr.....1890	Hoyt, Edwin S.....1874
Flickinger, John.....1856	Wm. H.....1845	Francis E.....1875	Helmer, Josiah H.....1847	Hubbard, G. N.....1854
John.....1856	Augustus H.....1851	Hall, Edwards.....1844	Henderson, Frederick T.....1853	Jackson A.....1863
Flint, John J.....1846	Gidney, John D.....1858	Martin C.....1846	Frederick T.....1853	Levi Clark.....1882
Charles C.....1885	Wm. Asbury.....1875	John D.....1858	Hendrickson, William M.....1863	Winfield G.....1884
Flynn, Jos. A.....1884	John E.....1877	Frank M.....1890	Hennessee, John V.....1884	Hubbs, Hiram.....1845
Thomas H.....1890	Hallam, John.....1840	Hallenbeck, Orlando J.....1879	Herrick, Jno. S.....1847	William N.....1850
Flower, Byron S.....1863	Hallenbeck, Hamill, Alex.....1865	Orlando J.....1879	William A.....1859	Hudson, Peter E.....1858
Dwight.....1865	Horatio.....1867	Hamill, Alex.....1865	O. E.....1871	Huddlestone, Charles F.....1879
Follette, J. A.....1858	Giles, Henry W.....1874	Hamilton, Wm.....1854	Clinton B.....1880	Hudson, A. S.....1846
Folts, Dan'l V.....1840	Henry W.....1874	Horace.....1858	Herrington, Hiram T.....1873	Abijah T.....1847
Foot, Henry C.....1850	Gillett, Jas. S.....1865	Hamlin, David D. T.....1841	Hewitt, Charles N.....1857	Richard E.....1854
Foot, Frank B.....1881	Willard.....1882	Francis M.....1868	Adelbert.....1869	George.....1882
Fonda, Sebastian F.....1841	Gilligan, John P.....1890	Hammond, F. M.....1845	Hickey, Clinton G.....1884	Husteded, Alfred B.....1863
Forbes, Solomon S.....1855	Gilliland, David.....1885	Reuben H.....1855	Higgins, D. E.....1881	Hughes, Wm. M.....1859
Force, Lyman.....1854	Gillette, Charles A.....1883	L. H.....1858	Hill, Odenanthus.....1841	David.....1874
Jacob F.....1871	Gillis, Daniel.....1855	Henry T.....1874	John H.....1853	Michael H.....1880
Ford, Eliakin R.....1846	Goff, Alex. C.....1865	John.....1881	J. Stewart.....1872	Hulet, Giles S.....1867
Edwin L.....1868	Goodale, Chas.....1841	Hance, Sam'l F.....1854	Albert D.....1879	Hull, Alson D.....1841
Fortune, William E.....1881	Addison W.....1858	Hanks, Horace T.....1861	Hillegas, Willard.....1882	William H.....1866
Fossard, George H.....1859	Goodrich, S. V. R.....1846	Happel, Wm. H.....1890	Hiscox, David W.....1841	Alonzo E.....1873
Foster, Geo. T.....1847	Goodwin, Edward M.....1863	Hard, Chas. S.....1867	Hoadley, Alfred H.....1886	Henry V.....1874
Samuel B.....1848	Gordinier, Hermon C.....1886	James T.....1877	Hoag, Pierre C.....1878	Hulst, Peter H.....1866
Fowler, Isaac.....1866	Gordon, Wilmer I.....1887	Hardenbergh, Daniel S.....1863	Hodgkins, Lewis W.....1856	Humphrey, D. L.....1865
Fox, Chas. J.....1846	Gorham, Frederic C.....1889	Harker, E. Willard.....1850	Hodgman, Alfred F.....1888	James L.....1866
William E.....1882	Goss, Augustus G.....1857	Harlow, Addison S.....1859	Hoff, Jno. S. V. R.....1871	Hunt, Delos W.....1856
Willard H.....1888	Gould, John W.....1880	Harmon, Joseph W.....1845	Hogan, Garret L.....1887	Robert M.....1869
France, Henry A.....1864	Gow, William.....1842	Harper, Jas. M.....1859	Hoggins, Richard John.....1887	Huntington, George F.....1841
Frasier, David.....1847	Graham, Thomas P.....1865	Harrington, S. Henry.....1855	Holbrook, Guy.....1866	Henry.....1847
Charles K.....1873	Grant, John.....1857	Z. G.....1857	Holcomb, William F.....1850	Huntly, Ezra D.....1852
Frazier, Leonard A.....1881	Charles S.....1866	Harris, J. J.....1856	Holmes, J. H.....1847	Hurd, Willard O.....1861
Freeman, S. Huntington.....1846	Graveline, Louis C. B.....1862	Newton C.....1857	Holden, Austin W.....1848	Hurst, Jno. W.....1855
James W.....1864	Gray, R. H.....1860	Ira.....1881	Holding, George W.....1884	Hutchinson, C.....1858
Freiort, Alfred K.....1886	Green, Edward A.....1872	Louis A.....1884	Holley, Jas. A.....1886	William.....1888
French, S. H., 2d.....1859	Greene, Fred S.....1846	Hoit, Lehman B.....1880	Holmes, J. H.....1847	Hyde, Romeo E.....1868
Mar. DeLaF.....1887	Louis C.....1851	Holbrook, Guy.....1866	Holmes, J. H.....1847	Ingersoll, R. E.....1863
Frisbie, Charles M.....1862	Gravine, Louis C. B.....1862	Holcomb, William F.....1850	Holmes, J. H.....1847	Ingram, Stephen A.....1871
Frisbee, Jno. A.....1868	Green, Edward A.....1872	Jerome B.....1855	Holmes, J. H.....1847	Samuel.....1849
Frisby, Levi C.....1841	Greene, Fred S.....1846	B. Rush.....1864	Holmes, J. H.....1847	Charles A.....1878
Frisselle, Edward J.....1856	Greene, Fred S.....1846	Fred.....1882	Holmes, J. H.....1847	Irwin, Chas. K.....1855
Edward J.....1856	Louis C.....1851	Holden, Austin W.....1848	Holmes, J. H.....1847	S. B.....1863
Fry, Chas. B.....1861	Greene, Fred S.....1846	Holding, George W.....1884	Holmes, J. H.....1847	Ives, Hiram L.....1884
Fuller, Robt. M.....1865	Louis C.....1851	Holley, Jas. A.....1886	Holmes, J. H.....1847	Jackson, Albert P.....1862
			Holmes, J. H.....1847	Jansen, Urban.....1856

Jendrault, Henri A.....1883	Kinne, Theo. Y.....1862	Le Roy, Irving D.....1883	Mann, Henry D.....1855	McLean, Henry K.....1850
Jennings, Nathaniel.....1850	Kinnier, Wm. H.....1870	Lester, Wm. A.....1880	George R.....1858	LeRoy.....1855
Jerome, Milton.....1846	Kling, Jay.....1850	Letcher, Cornelius J.....1880	Thomas H.....1870	William H.....1864
Jewett, Rensselaer.....1844	Klock, Arie V.....1886	Lewi, Maurice J.....1877	John W.....1882	McLaughlin, George W.....1878
Johnson, Lyman B. W.....1848	Knapp, J. Wiltzie.....1872	Lewis, Morgan.....1840	March, Henry.....1853	McMahon, Henry.....1853
Stephan.....1840	Charles R.....1885	Daniel.....1844	Marshall, Willard C.....1884	McMurdy, Robert S.....1846
Lanthus G.....1853	Knight, Jno. W.....1855	Sylvester.....1846	Marsh, Marvin M.....1841	McMurray, George H.....1887
L. M.....1855	Kniskern, John W.....1890	John D.....1854	Charles D.....1850	McNaughton, A. W.....1848
Henry B.....1855	Knowles, Horace S.....1880	Sylvester D.....1866	Edward F.....1882	Henry G.....1856
Hammond.....1856	Knox, Otho S.....1866	Henry, Jr.....1879	Albert.....1885	William.....1886
James A.....1856	A. Hubbel.....1847	George G.....1890	James P.....1885	McNeil, Daniel.....1841
Stephen P.....1859	Krug, Geo. A.....1881	Lidell, John A.....1848	Marshall, Mulford.....1854	McRae, Frank.....1870
William E.....1859	Kunker, Frank T.....1883	Lillenthal, Henry.....1878	Martin, Leslie.....1864	McTammay, George H.....1884
W. L.....1865	La Bow, Wm. B.....1857	Lincoln, Harrie M.....1886	Martindale, Frank E.....1853	Mead, Charles.....1857
Enoch Eaton.....1866	LaDow, J. Chas.....1883	Lindsay, Robert S.....1890	Martineau, Edw. E.....1882	Martin L.....1859
George P.....1867	LaDue, Edmund K.....1862	Linendoll, Robert A.....1879	Mason, Wm. P.....1881	Joel H.....1863
Frank E.....1870	Fred L.....1883	Lingenfelter, William H.....1871	Masten, Edson W.....1879	Richard T.....1863
J. Ashbel.....1877	LaGrange, John H.....1871	Little, J. Russell.....1856	Mathews, J. R.....1871	William H.....1868
Frank Potter.....1881	LaHann, Henry, Jr.....1878	George W.....1858	Mathews, Andrew.....1874	Jasper, Jr.....1874
Henry N.....1881	Laird, Samuel N.....1865	Livingston, Allan C.....1846	Matteson, Dewitt J.....1878	Melick, Wm. B., 2d.....1884
Edward F.....1882	Lambert, J. Leavitt.....1864	George P.....1847	Mattice, Menzo B.....1881	Melius, Robert H.....1864
George L.....1883	Lamont, Wilbur F.....1889	Lobdell, H. W.....1856	Mattimore, Frank J.....1860	Mereness, Henry E.....1874
Alex. L.....1885	LaMoree, De Witt M.....1870	Lochner, Geo. Emory.....1889	May, Ezra.....1840	Seth A.....1890
Arthur Wing.....1887	George S.....1872	Lockwood, John F.....1881	Edward S.....1866	Merfield, Emery A.....1853
Johnston, John W.....1866	LaMoure, Uriah B.....1878	Long, Charles.....1867	Mavo, Henry O.....1842	Merrill, J. H.....1858
Brayton A.....1873	Landon, Douglass S.....1854	Longendyke, Revillo T.....1869	McAllister, J. J. D.....1879	Merrington, Frank J., Jr.....1880
Austin D.....1878	Lanehart, Louis N.....1883	Lord, Chas. H.....1853	McAvenue, Owen F.....1887	Merritt, Geo. L.....1873
Elmer E.....1880	Langdon, Seth W.....1847	Lorillard, Geo.....1846	McCabe, Bradley S.....1850	Merville, Dan'l.....1866
Jones, Amos P.....1840	Langdon, Henry.....1864	Losee, John E.....1852	Charles P.....1883	Mesick, Nelson H.....1868
Erasmus D.....1841	Lansing, Joseph McC.....1875	Henry D.....1868	McCamus, Edward.....1849	Metcalf, Carl G.....1869
James D.....1849	Elmer E.....1884	Archibald G.....1889	McCarthy, Richard H.....1886	John E.....1874
Amos S.....1854	Lansingh, Killian V. R.....1870	Lott, Schuyler.....1868	McCaughin, James A.....1884	Middleditch, Alvarado.....1856
Jas. Elias.....1855	Lape, Rushmore.....1877	Lothridge, William E.....1879	McClellan, Matthew.....1874	Milbank, Wm. E.....1872
George A.....1867	Larkin, Elmer E.....1885	Loughran, Robert.....1857	Samuel.....1874	Miller, Wm. G.....1862
Charles E.....1872	Lasher, Jas. H.....1871	Frederic W.....1890	John Miller.....1888	William H.....1845
Arthur A.....1884	Lauderdale, William F.....1855	Loving, J. D.....1860	John D.....1855	John N.....1856
Eugene M.....1887	Lawler, Michael J.....1890	Low, John.....1855	McCulloch, Charles.....1877	Jacob L.....1867
Judd, Herbert.....1867	Lawlor, Wm. M.....1867	Low, Ivory.....1862	Clive C.....1889	J. J.....1871
Kamp, Wm.....1882	Lawrence, Henry W.....1879	Lowell, Immon S.....1871	McDonald, Willis G.....1887	Horace C.....1873
Karner, Wm. B.....1883	Edward S.....1881	Lown, David H.....1877	McDougall, S. J.....1857	Howard.....1881
Kathan, Dayton L.....1886	Lawton, E. J.....1858	Mark M.....1877	Ralph A.....1885	William T.....1881
Keay, John T.....1879	David A.....1869	Ludden, Emerson A.....1888	McFadden, Gustavus.....1864	Walter B.....1882
Keegan, Wm. E.....1880	Lawyer, Nicholas N.....1843	Lyker, Almer A.....1878	Orrel.....1865	Edwin A.....1885
Keeler, Jas., Jr.....1846	Thomas.....1852	Lyon, Caleb.....1871	McFarlane, Andrew.....1887	Webster.....1887
Keenan, Michael, Jr.....1888	Lawton, David A.....1869	George E.....1882	McGregor, William W.....1873	Milliken, J.....1858
Keeny, Joseph.....1851	Lawton, David A.....1869	Lyons, James H.....1890	McHarg, Henry B.....1847	Millspaugh, Thomas.....1843
Kellogg, Wm. Clinton.....1884	Lawton, David A.....1869	John Joseph.....1890	Martin.....1885	Miner, Julius F.....1872
Kells, Robert.....1840	Lawton, David A.....1869	Maben, Hamblin B.....1857	McIntosh, Francis T.....1886	Mitchell, Jas. H.....1881
Kelly, Sam'l H.....1848	Lawton, David A.....1869	Macallister, John.....1856	McIntyre, Jas.....1842	Monroe, Nahum P.....1839
James.....1868	Lawton, David A.....1869	Macfarlane, Robert F.....1888	Asa D.....1853	Isaac T.....1866
Kelsey, Dana E.....1857	Lawton, David A.....1869	Mackie, Adam, Jr.....1868	McKenna, Henry.....1856	Montford, K. V. R.....1856
Kelso, Nelson W.....1881	Lawton, David A.....1869	MacMillan, Andrew L.....1879	McKown, Henry.....1856	Montgomery, Charles T.....1874
Kempe, Julius J.....1868	Lawton, David A.....1869	Madison, William B.....1880	McLain, John.....1867	Alex. C.....1880
Kennah, Jas. B.....1889	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	Moody, Adalbert E.....1885
Kennedy, Edward C.....1881	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	Moon, John H.....1872
Kenny, Arthur G.....1877	Lawton, David A.....1869	Mally, Charles B.....1886	McLellan, John.....1855	Moore, Sam'l.....1841
Laurence E.....1881	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	Levi.....1851
Kenyon, Jno. D.....1857	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	John A.....1880
Dwight R.....1874	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	Charles H.....1887
Kershaw, James B.....1875	Lawton, David A.....1869	Mally, Charles B.....1886	McLellan, John.....1855	Morehouse, Edgar W.....1884
Thomas A. V.....1863	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	Moriarta, Douglass C.....1885
Keyes, Roger.....1853	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	Morgan, John.....1840
Kidder, Franklin.....1857	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	Morgan, Thomas L.....1855
Kiersted, Christopher.....1846	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
Kilmer, Washington.....1860	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
Kimball, Jas. P.....1864	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
King, Thos. J.....1855	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
Levi Leroy.....1870	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
James W.....1884	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
Kinloch, Osman F.....1879	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
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	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
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	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
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	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
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	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
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	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
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	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
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	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
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	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
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	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	
	Lawton, David A.....1869	Maine, Lewis.....1858	McLellan, John.....1855	
	Lawton, David A.....1869	Mallery, Charles B.....1886	McLellan, John.....1855	
	Lawton, David A.....1869	Mambert, Maltby, Wm. A.....1874	McLellan, John.....1855	
	Lawton, David A.....1869	Madison, William B.....1880	McLellan, John.....1855	

Morgan, William	1869	Niver, Jas. D.	1843	Payne, Isaac B.	1857	Reid, G. B.	1838	Saunders, Carman C.	1847
Morrill, Linzie T.	1873	Emmett	1889	Peabody, Dan'l.	1863	Henry G.	1869	Sanford, Milton A.	1861
Fred. Dana.	1881	Noble, Geo. H.	1852	Peake, Marcus T.	1839	Reilly, Jno. F.	1883	Sargent, George W.	1857
Morris, Rowley.	1844	Norbury, John F.	1844	Pearson, Wm. L.	1878	James H.	1886	Sawyer, Conant.	1865
Robert, Jr.	1846	North, Adelman D.	1849	Peaslee, John S.	1874	Reno, Griffin	1862	P. R. H.	1874
W. H. H.	1864	Norwood, David	1867	Peck, Marvin R.	1851	Reynolds, Tabor B.	1842	Scattergood, Charles F.	1868
George F.	1878	David	1868	Henry C.	1875	George W.	1848	Schermerhorn, Jacob M.	1842
John W.	1881	Jacob B.	1868	Peddle, Wm. J.	1882	John H.	1851	Isaac	1844
S. Hall	1881	Nott, E., Jr.	1858	Peet, Wm. Thos.	1888	Herman M.	1853	W. Scott.	1853
Morse, Willard H.	1880	Noxon, Benj. Wait.	1867	Peets, Alex. J.	1877	Porter L. F.	1861	Schley, Fayette E.	1881
Mosher, Francis G.	1848	O'Brien, Philip T.	1872	Clarence J.	1877	Thomas O.	1866	Schoolcraft, John L.	1879
Charles M.	1856	O'Connell, R. S.	1871	Pendleton, Lewis W.	1864	Meyer L.	1880	Schmidt, Julius R.	1875
Cornelius D.	1859	O'Connor, Jeremiah	1881	Perkins, Maurice	1870	Rice, De Witt C.	1848	Schureman, Irving C.	1869
Jacob S.	1863	Odell, Herbert L.	1883	Perry, John L., Jr.	1862	N. B.	1854	Schutter, William L.	1883
J. Montg'ry.	1889	O'Donohue, W.	1850	T. Kirkland	1875	George	1872	Schuyler, Clarkson C.	1875
Moston, George T.	1890	O'Flaherty, John	1864	Ransom J.	1886	Rich, Jacob A.	1884	Scofield, Darius.	1858
Mott, Walter	1844	O'Hara, John S.	1877	Peters, Chas. A.	1855	Richards, Chas.	1855	Walter W.	1882
Orville H.	1847	O'Leary, C. B.	1866	Frank S.	1874	Richardson, Samuel A.	1856	Scoon, Jas. H.	1849
Mower, Jno. W.	1852	Daniel V.	1866	Phillips, Henry Tyler.	1860	Charles S.	1856	Scollard, Jas. I.	1874
Mowris, Jas. A.	1853	Olin, Gilbert S.	1877	Henderson A.	1866	Richmond, Gilbert	1847	Scriven, Zebulon W.	1852
Moyer, Sol. W.	1845	Oliver, John N.	1860	Carroll H.	1880	Rider, E. Hudson	1885	Scully, Thos. P.	1885
Moyle, Moreau.	1841	Alden M.	1874	Jno. Spencer.	1887	George P.	1888	Seaman, Marinus W.	1853
Moxley, Isaac J.	1853	Onderdonk, Peter	1847	Pierce, C. M.	1856	Riggs, James	1844	Frank G.	1881
Mull, Philip W.	1852	O'Reilly, Miles J.	1874	George A.	1872	Riker, Aaron W.	1856	Seeber, Wm. Rufus.	1889
Müller, Henry F. C.	1887	Orton, Darius S.	1866	Pine, Milford L.	1875	Riley, Jos. W.	1882	Seelye, Darius H.	1853
Munn, Julius D.	1844	Osborn, B. E.	1854	Platner, Rensselaer	1846	Ripley, Jno. N.	1862	Seger, Chas. E.	1863
Munson, Geo. S.	1880	Ott, Friend Jas.	1865	William B.	1882	Ritzmann, Otto.	1879	Selkirk, James	1884
Murphy, Jas. K.	1843	Ottman, Rensselaer.	1844	Pomerooy, George P. K.	1878	Robb, Wm. H.	1865	Shaffer, Levi.	1850
Charles C.	1848	Overholt, George H.	1866	Pomfret, James E.	1858	Roberts, Charles H.	1846	Shanks, Seth G.	1875
William	1854	Owen, R. R.	1854	Pope, Gustavus W.	1851	Addison O.	1882	Sheehan, Edward F.	1888
Peter M.	1863	Jesse T.	1872	Gustavus W.	1851	Robertson, William H.	1860	Sheldon, Benjamin A.	1847
William J.	1881	Paige, Nathaniel E.	1871	Benjamin F.	1864	Robinson, Lucius G.	1852	Sheffield, J. Wesley.	1886
Walter G.	1890	Wolcott W.	1856	Porter, Chas. H.	1861	J. Henry	1856	Sherman, B. Franklin.	1841
Murray, James F.	1866	Paine, Nathaniel E.	1871	James M.	1874	Charles W.	1856	Rens, R.	1849
William H.	1869	Howard S.	1885	Potter, Henry C.	1844	Walter F.	1884	Shelton, Dennis P.	1880
George B.	1873	Clarence M.	1887	Henry J., Jr.	1887	Robson, Jno. A.	1886	Shields, John Milton.	1868
Daniel D.	1881	Palen, Gilbert E.	1855	Everett Eli.	1888	Roe, Sanford C.	1877	Winfield S.	1873
Myers, John Jacob.	1857	Palmer, Henry.	1854	Poucher, J. Wilson.	1883	Rogers, Edmund C.	1853	Shiland, Alex.	1853
John T.	1859	Warren W.	1855	Poulin, Jos. N.	1842	Edmund C.	1853	John C.	1878
Oscar	1873	Rufus	1856	Porter, Chas. H.	1861	William C.	1854	Shiriff, John.	1859
Adam V.	1882	Warren B.	1880	James M.	1874	Sidney F.	1882	Shumway, J. Phelps.	1860
Mygatt, A. S.	1871	Frank A.	1882	Potter, Henry C.	1844	Chas. Darius.	1888	Shurtleff, Frank A.	1864
Mynderse, Barent A.	1853	Hermann F.	1885	Henry J., Jr.	1887	Erasmus D.	1842	James F.	1867
Herman V.	1887	George F.	1887	Everett Eli.	1888	Edward B.	1856	Herbert	1869
Nash, Marion.	1855	Robert, Jr.	1827	Pouchet, J. Wilson.	1883	Arthur G.	1890	Sickler, Peter E.	1851
Neal, John T.	1854	Pangburn, David	1847	Powell, C. C.	1864	Roscoe, Jesse Wood	1889	Daniel	1879
Necfus, Robert H.	1870	Pardee, Moses B.	1855	Horace R.	1882	Rose, Lauren F.	1881	Silcox, Edwin F.	1855
Neeley, Thomas H.	1850	Daniel	1855	Alonzo Thos.	1889	Phineas S.	1863	Sill, Francis N.	1840
Nelson, Oliver B.	1849	Parent, Jos. S.	1886	Pratt, Henry Z.	1887	Alanson D.	1889	Edward	1851
Newcomb, George H.	1855	Parish, Chas. E.	1880	John S. Boyd.	1888	Rossman, George W.	1866	Simmons, Myron H.	1880
Albert S.	1866	Park, Castanus B.	1856	Prendergast, John P.	1878	Rouse, Jas. B.	1867	Simons, Chas. J.	1867
John S.	1888	Parker, P. Gould	1856	Prichard, John Elias.	1857	Rowe, Rufus J.	1851	Frank	1879
Newman, John V.	1839	Parkhill, Wm. S.	1844	Purdy, Luther J.	1870	George	1865	Simpkins, Edgar S.	1890
Newton, William W.	1858	Reuben F.	1859	Purple, Wm. L.	1875	Rulison, Wm. H.	1855	Sims, Wm. B.	1850
Luther B.	1874	Clair S.	1866	Quackenbush, John V. P.	1842	Cyrus M.	1873	Skiff, Perrin A.	1851
Jas. Robert.	1882	Parkman, Truman E.	1866	Quentel, Oscar.	1873	Elbert T.	1875	Skillicorn, J. H.	1883
Nichols, Jonathan	1848	Parks, Silas H.	1885	Quinlan, Edward F.	1868	Elezazer E.	1887	Skilton, A. B.	1863
William H.	1867	Parmele, Francis B.	1842	Edward F.	1868	Luman B.	1884	Skinner, Julius A.	1855
Charles Wm.	1889	Parshall, Jas. G.	1852	John Wesley.	1888	Runkle, Wm. H.	1852		
Nihill, John L.	1855	Parsons, Milton.	1882	Race, Gorton H.	1880	Russell, Jas. A.	1845		
Niles, John O.	1850	Patch, Allen F.	1849	Randall, Isaac E.	1866	John	1864		
		Patrick, David W.	1846	Ranney, Henry D.	1840	Selwyn A.	1877		
		Patterson, J. Frank	1862	Ransom, Bryan F.	1841	Sabin, Robt. H.	1856		
		William F.	1875	Rawson, Jas.	1844	William B.	1882		
		Paul, Geo. E.	1869	Ray, Fred H.	1882	Sadlier, Jas. E.	1882		
				Read, Jas. H.	1846	Safley, Andrew F.	1852		
				Reactor, Dwight W.	1853	Safford, Chas.	1864		
				Dwight W.	1853	Salisbury, James H.	1850		
				Pierson	1863	James H.	1850		
				Reddy, Jas. H.	1871	Sampson, Ernest L.	1882		
				Reed, Chris. C.	1864				
				James H.	1867				

Slack, Henry ...1852	Stephens, Edward J.....1881	Taylor, John N.....1844	Van Antwerp, Andrew.....1843	Waldron, Henry A.....1877
Sleight, J Wilkinson.....1842	John H.....1883	Erastus A.....1880	Van Buren, John H.....1856	Walker, David.....1842
Slingerland, Israel M.....1883	Myron E.....1888	Teeple, Geo. M.....1849	Van Court, Daniel P.....1875	Robert A.....1884
Sloan, Hugh.....1865	Sternberg, Asa.....1852	Telfair, R. Le Roy.....1853	Van Deusein, Adrian P.....1886	Wall, Thos. W.....1858
George A.....1877	Stevens, Richard F.....1841	Ten Brink, Maurice.....1883	Van Der Poel, S. O.....1849	John C.....1873
Small, Eli, Jr.....1859	Francis J.....1852	Ten Eyck, Alfred.....1850	Vander Veer, Albert.....1862	Wallace, Jno. P.....1847
Daniel.....1859	John H.....1857	Anthony P.....1866	Van Derzee, William H.....1875	Walradt, Wm. Dunlap.....1878
Smealie, James A.....1879	William.....1875	Terry, Chas. H.....1864	Van De Warker, Edward Ely.....1863	Walrath, Adam.....1879
Smiley, Jas. H.....1850	Stevenson, Michael D.....1884	Terwilliger, Rufus W.....1881	Van Deussen, Harlow A.....1845	Walsh, Thos. C.....1882
Smith, Thomas.....1845	Sterricker, John W.....1875	Thoma, Geo. H.....1864	Van Doren, William.....1889	Walton, Charles T.....1886
Joseph H.....1846	Stillman, William O.....1878	Thomas, G. S.....1854	Van Dyck, David.....1852	Wands, Alfred.....1845
Frederick A.....1847	George M.....1885	Thompson, Richard H.....1842	Clinton D.....1879	Alfred L.....1869
Henry M. T.....1848	St. John, J. T.....1864	Allen R.....1883	Van Epps, Evert P.....1881	Ward, Sherman W.....1862
S. Mosley.....1849	Theo. L.....1878	Thomson, William H.....1859	Van Etten, Sol.....1855	John J.....1869
C. H.....1854	Francis W.....1887	Edward.....1868	Van Guysling, Henry.....1863	Bela J.....1884
Henry F.....1854	Stoddard, George A.....1866	Robert.....1871	Van Hoosen, Jason B.....1865	Wardlaw, H. C.....1858
John A.....1855	Stodard, Enoch V., Jr.....1863	Lemon, Jr.....1882	Van Patten, Robert H.....1864	Warner, J. W.....1847
Benjamin F.....1857	Stone, Jos. M.....1883	Thorne, Jno. K.....1871	Myndert.....1864	Robert W.....1880
Charles E.....1858	Stonehouse, J. B., Jr.....1871	Tilden, George.....1867	John N.....1883	Warren, Wm. J.....1865
Charles H.....1859	Stowitts, Arthur D.....1886	Timlin, John Joseph.....1888	Van Rensselaer, William A.....1858	John D.....1874
Ira P.....1859	Storck, Chas.....1855	Timmerman, Charles F.....1884	Sterry A.....1844	Warwick, Jas.....1877
Henry H.....1873	Strachan, David H.....1883	Tobin, James H.....1890	Isaac C.....1882	Washburn, Isaac C.....1882
George F.....1878	Strader, J. C.....1871	Toby, Isaac L.....1841	John B.....1882	Thos. Catlin.....1889
Frank L.....1883	Strang, James Read.....1889	Todd, Geo. B.....1856	Watson, Humphrey C.....1843	George H.....1879
Jos. Lesley.....1883	Stratton, Charles W.....1867	John B.....1874	Way, Palmer M.....1852	Waver, Sterry A.....1844
Theobald.....1883	Streeter, Fred. B.....1879	Tompkins, Fred J.....1885	Webb, Chas. T.....1852	Sumner C.....1854
George K.....1887	Strickland, Rial.....1839	Toole, Wm. B.....1859	Edward C.....1862	Webster, Fleming.....1856
Dennis M.....1888	Struble, James H., Jr.....1869	Towner, William D.....1862	Wm. Butler.....1881	Stephen H.....1886
James Ezra.....1886	Stuart, W. Henry.....1861	Townsend, Howard.....1846	Weed, Levi.....1853	Weedon, Hamilton M.....1855
Marion Robt.....1889	Stubblefield, E. P.....1857	Traver, Lorenzo.....1857	William A.....1858	Weidman, John S.....1846
Smithwick, Jno.....1869	Sturdevant, Frank.....1869	Tremblay, Adolphus L.....1867	John J.....1847	Felix.....1847
Smyth, Arthur V. H.....1875	Sturtevant, John R.....1872	Treskatis, Gustavus.....1865	Peter S.....1855	Charles E.....1880
Snell, Arie B.....1855	Stryker, Edward V.....1877	Trotter, Edward W.....1842	Charles E.....1880	Wells, Ira R.....1842
Austin A.....1872	Suits, Peter L.....1879	Trull, Edgar V.....1874	Lucien D.....1870	Henry D.....1857
Snow, Frank S.....1889	Sullard, A. E.....1844	Hubbs, A. Dean.....1863	Edwin B.....1888	Welsh, Isaac L.....1859
Snyder, Wm. H.....1839	Sullivan, John J.....1890	Tucker, Willis G.....1870	Edwin B.....1888	Wentworth, James L.....1867
Horace.....1857	Sulliff, Frank B.....1878	Tupper, Edward.....1850	George W.....1875	Westcott, William A.....1840
Peter.....1875	Sutphen, Richard, Jr.....1854	Turcot, Magloire.....1841	Alonso G.....1850	Amos.....1840
Chas. Wight.....1889	Sutton, Ichabod T.....1890	Turner, Francis L.....1863	Westervelt, Alonso G.....1850	Wever, Jos. L.....1852
Somers, Leonard J.....1889	Swain, Uriah J.....1866	Melvin H.....1873	Wey, Wm. C.....1849	Wharton, Charles F.....1883
Sutherland, Lewis W.....1855	William D.....1867	William H.....1880	M. Arthur.....1884	Wheat, Jas. M.....1853
Lewis W.....1855	Swart, John I.....1853	Tuttle, Lyman M.....1859	Whedon, George D.....1853	Wheeler, Allyn.....1849
Southworth, Stetson E.....1840	Swartwout, Leander.....1880	Ullman, Gebhard L.....1871	Wey, Wm. C.....1849	Jared P.....1855
Spafford, Geo.....1859	Sweetman, Nathan F.....1872	Sabbati E.....1880	John P.....1856	Isaac G.....1874
Spalding, Warren C.....1881	Sweeney, Jas.....1859	Valentine, Richard S.....1850	Isaac G.....1874	M. Arthur.....1884
Newton C.....1853	Swift, Geo. E.....1884	Van Aken, D. F.....1860	Whelock, Alvin D.....1867	Whetson, Philip M.....1841
Spence, G. O.....1854	Swinburne, John.....1846	Van Allen, George L.....1873	Whipple, G. E.....1883	Whitaker, George G.....1865
Spencer, H. T.....1852	Tabor, Paul Todd.....1849	Theo. F. C.....1883	White, Henry R.....1845	White, Henry R.....1845
D. Carlton.....1854	Taft, Edward H.....1886	Van Alstyne, Sylvester M.....1854		
Horatio.....1854	Tappan, Edwin C.....1862	John L.....1862		
Charles L.....1857		Thomas B.....1879		
George F. A.....1881				
Sperbeck, H.....1857				
Sprague, Henry W.....1841				
George.....1858				
Horace T.....1877				
Spring, Chas. H.....1857				
Charles E.....1864				
Staats, Chas. P.....1853				
Stafford, Andrew.....1855				
Patrick E.....1884				
Stanley, Solomon S.....1851				
Peter I.....1853				
Stannard, Frank T.....1888				
Starkweather, R. H.....1871				
Steele, Wellington G.....1886				
Minot A.....1890				
Steenberg, Byron U.....1870				
Stephens, Alonzo R.....1865				

White, J. Ralsey.....1855	Wilcox, Timothy E...1864	Wilson, William A....1868	Wood, Levi.....1865	Wright, John N. 1868
Theodore C...1859	William J...1874	Ross1870	Jacob A.....1873	Henry W.....1880
John C.....1866	Wilkee, Jas. Warren..1847	Thomas.....1874	Wyllis F.....1874	Eliphalet N...1884
John J.....1879	Wilkins, Geo. A.....1856	Wiltse, David..1847	Eben A.....1875	Wyckoff, Isaac N.....1852
Hamilton A...1880	Willard, Sylvester D...1848	Winfield, David C.....1840	William C.....1880	Yates, David...1852
J Seward.....1880	Edward S.....1880	Winne, Staats..1851	Howard J.....1885	Yauney, John..1857
William M.....1886	Thomas H.....1887	John Van E...1867	Woodman, David C.....1841	Young, William S.....1841
Whitehorne, Henry B.....1873	Williams, Randall.....1848	Winship, Cornelius A...1858	Woodruff, W. H.....1854	Daniel S.....1855
Edward E.....1878	George O.....1866	Frank A.....1888	Richard A...1886	Oscar H.....1858
Whiton, H. B...1854	Willis, Lothrop A...1849	Winter, Harrison R...1864	Woodward, Ira.....1857	Franklin A...1860
Whiteside, Mars.....1854	Alexander B...1870	Witbeck, N. V. R.....1843	Charles M...1867	A. M.....1862
William N.....1863	Wilmarth, Alfred W.....1879	John P.....1852	Worden, Hiram K.....1874	James K.....1874
Whyte, Robert M.....1874	Wilson, Samuel W.....1840	Chas. E.....1866	Thomas D...1880	Henry C.....1887
Wicker, C. F...1880	Hugh McG...1857	Witter, Adelbert W...1888	Wright, Samuel J.....1842	Younglove, Cornelius S...1849
Wiggins, Horace C.....1873		Wood, Edward I.....1865	R. S.....1854	Zeh, Ira.....1849
Wilber, John Atkins...1868			Stephen.....1855	William.....1865
			S. P.....1862	Philip J.....1869
				Edgar.....1884
				Merlin Jay...1889

LAWS OF INTEREST TO MEDICAL STUDENTS AND THE MEDICAL PROFESSION.

Medical students' examinations.

Laws of 1889, ch. 468, as amended by Laws of 1890, ch. 499.

To provide for the preliminary education of medical students.

§ 1. Before the regents of the University of the State of New York or the trustees of any medical school or college within this state shall confer the degree of doctor of medicine on any person, they shall require him to file with the secretary or recording officer of their university or college a certificate signed by the secretary of the University of the State of New York showing either that he possesses the degree of bachelor or master of arts, of bachelor or master of science, or of bachelor or doctor of philosophy received by him from a college or university duly authorized to confer the same, or that during or prior to the first year of his medical study within this state, he passed an examination conducted under the authority of the regents of the University of the State of New York or by the faculty of a medical school or college entitled to confer the degree of doctor of medicine, in accordance with the standard and rules of the said regents in arithmetic, grammar, geography, orthography, American history, English composition, and the elements of natural philosophy; or in their substantial equivalents approved by the said regents, or that he possessed qualifications which the regents considered and accepted as fully equivalent to the above-named qualifications.

§ 2. This act shall not apply to persons who have already entered upon the prescribed three years' study of medicine, nor shall it alter the time of study or the courses of medical instruction required to be pursued in the medical colleges of this state by existing statutes.

Equivalents allowed under the preceding law and other information concerning the Regents' examination.

A certificate of having successfully completed a full year's course of study in any college or university under the supervision of the Regents of the University, or registered

by the regents as maintaining a satisfactory standard; a certificate of having satisfactorily completed a three years' course in any institution subject to the visitation of the regents, or registered by the regents as maintaining a satisfactory academic standard; a regents' diploma; pass-cards issued in the regular regents' examination for eight studies, two of which have been taken from each of the four preceding groups or a regents' certificate for any ten studies.

CERTIFICATES WITHOUT EXAMINATIONS.—Candidates for a medical students' certificate having the degree of bachelor or master of arts, of bachelor or master of sciences, or of bachelor or doctor of philosophy, received from a college or university duly authorized to confer the same; or having credentials which can be accepted in place of an examination under the foregoing rules, shall send their credentials to "University of the State of New York Examinations Department, Albany, N. Y." They will be examined and returned at once, and if accepted, a medical students' certificate will be sent with them. If the certificate be delayed for verification of the credentials, when issued it will be dated from receipt of credentials, so that the candidate will lose no time.

CANDIDATES should notify the regents' office, at Albany, at least ten days in advance, stating at what time and in what studies they wish to be examined. They will at once be assigned the most convenient time and place.

Times, places and subjects.

Sept. 23-25, 1890.—New York, Albany, Syracuse and other places where there are at least 10 candidates. Examinations in reading, writing, spelling, arithmetic, English language, geography, elementary physics, English history, United States history, rhetoric.

Nov. 17-21, 1890.—New York, and about 200 academies and high schools. Examinations in reading and writing, spelling, arithmetic, English language, geography, elementary physics, physiology, English history, United States history, rhetoric.

Jan. 19-23, 1891.—New York, and about 160 academies and high schools not holding examinations in March. Examinations in all subjects in groups below, except conic sections, analytical geometry, surveying, mineralogy, biology, history of art, art criticism, logic, history of philosophy, pedagogy, general history, German literature, French literature.

March 2-6, 1891.—New York and about 160 academies and high schools not holding examinations in January. Examinations same as in January.

June 8-12, 1891.—New York, and 320 academies and high schools. Examinations in all subjects in groups below.

1. *Mathematics.*—Arithmetic, algebra, elementary, algebra, advanced, plane geometry, conic sections, solid geometry, plane trigonometry, analytical geometry, surveying.

2. *Science.*—Geography, astronomy, physics, elementary, physics, advanced, chemistry, mineralogy, geology, physical geography, biology, botany, zoölogy, physiology.

3. *Language.*—English, elementary, rhetoric, English, advanced, English literature, German, elementary, German, advanced, German literature, French, elementary, French, advanced, French literature, Latin, elementary, Latin composition, Cæsar's Commentaries, Sallust's Catiline, Ovid's Metamorphosis, Virgil's Æneid, Virgil's Eclogues, Cicero's Orations, Greek, elementary, Greek composition, Xenophon's Anabasis, Homer's Iliad.

4. *Miscellaneous.*—Spelling, book-keeping, drawing, history of art, art criticism, psychology, logic, ethics, history of philosophy, civil government, political economy, pedagogy, general history, Grecian history, Roman history, English history, U. S. history.

License to practice medicine.

Laws of 1887, ch. 647, § 2, as amended by the Laws of 1890, ch. 500.

To regulate the licensing and registration of physicians and surgeons, and to codify the medical laws of the state of New York.

§ 2. From and after the date of the taking effect of this act, no person not theretofore licensed or authorized to practice physic or surgery in this state shall be deemed so licensed or authorized except one of the three following classes :

First. All who shall have been graduated from an incorporated medical school or college in this state with the degree of doctor of medicine, after substantial compliance with all the requirements of the general laws and of the charter of said corporation regulating the term and amount of study, attendance and attainment requisite to obtain said degree; provided that no person shall receive the degree of doctor of medicine, or be licensed to practice physic or surgery in this state unless, after the age of eighteen, he shall have pursued the study of medical science for at least three years in a chartered medical school, or with some physician and surgeon duly authorized by law to practice physic or surgery, and shall have attended two complete courses of lectures in some legally incorporated medical school or college in good standing at the time of such attendance, prior to the granting to him or her a diploma or license. Provided, further, that two courses of lectures, both of which shall be either begun or completed within the same calendar year, shall not satisfy the above requirement.

Second. All who have received said degree from the regents of the University of the State of New York after substantial compliance with the legal requisites preliminary to its attainment, and after examination by a legally constituted board of medical examiners of this state.

Third. All who, having been graduated from incorporated medical schools or colleges without the state as doctors of medicine, or licensed to practice physic or surgery under the laws of those European countries in which said degree does not confer the right so to practice, shall procure their diplomas from said corporations, or their licenses from such countries, to be indorsed by the regents of the University on the recommendation of a legally constituted board of medical examiners of this state. Every such indorsement shall be in the form of schedule A or of schedule B, provided by the tenth section of this act. The regents shall keep a record of such indorsements, and may require applicants to verify their statements under oath; any indorsement made with fraudulent intent, or gross carelessness or ignorance, shall be deemed a misdemeanor, and shall subject the indorser or indorsers, upon conviction thereof, to a fine of two hundred and fifty dollars; provided, however, that no such indorsement as is above specified shall be made until the applicant thereof shall file with the person, officer or body above named as authorized to make such indorsement, a certificate, signed by the secretary of the University of the State of New York, showing that such applicant has received the degree of bachelor or master of arts, of bachelor or master of science, or of bachelor or doctor of philosophy, from a college or university duly authorized to confer the same; or that he has passed an examination conducted under the authority and in accordance with the rules of the regents of the University of the State of New York, in arithmetic, grammar, geography, spelling, American history, English composition and elementary physics; or that he possesses qualifications which the regents have considered and accepted as fully equivalent to the above-named qualifications; as such degrees and certificate are more particularly defined in an act of the legislature of the state of New York, by chapter 468 of the Laws of 1889, entitled "An act to provide for the preliminary education of medical students," and as the same may be hereafter amended.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE.

INCORPORATED FEBRUARY 6TH, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 1865. Names and addresses upon the roll, 1144. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee who serve for three years, are elected annually.

OFFICERS FOR 1890.

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Vice-Presidents —

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DR. HENRY LANING ('64), Osaka, Japan.

DR. JOHN H. COTTER ('78), Jackson's Corners, N. Y.

DR. LEANDER SWARTWOUT ('80), Prospect, N. Y.

DR. HORACE R. POWELL ('82), Poughkeepsie, N. Y.

Recording Secretary — DR. WILLIS G. TUCKER ('70), Albany, N. Y.

Corresponding Secretary — DR. CHARLES M. CULVER ('81), Albany, N. Y.

Treasurer — DR. SELWYN A. RUSSELL ('77), Albany, N. Y.

Historian — DR. EZRA A. BARTLETT ('79), Albany, N. Y.

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DR. ROBERT BABCOCK ('84), Albany, N. Y.

DR. HERMAN BENDELL ('62), Albany, N. Y.

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DR. ALBERT VANDER VEER ('62), Albany, N. Y.

DR. LORENZO HALE ('68), Albany, N. Y.

DR. JOSEPH D. CRAIG ('84), Albany, N. Y.

DR. THOMAS H. WILLARD ('87), Albany, N. Y.

together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex-officiis*.

The next annual meeting will be held in the college building on Wednesday, April 1, 1891. The Alumni dinner will take place in the evening. So far as their addresses can be ascertained, all graduates of the college are notified of the annual meeting through the mail. Those who do not receive such notice regularly, are requested to furnish the recording secretary with their addresses, and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. S. A. Russell, Treasurer, 206 Lancaster street, Albany, N. Y.

MATTHEW H. BURTON, M. D., *President*.

WILLIS G. TUCKER, M. D., *Rec. Sec'y*,

Albany Medical College, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.

DEPARTMENT OF PHARMACY, UNION UNIVERSITY.

SESSION OF 1890-91.

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The tenth course of lectures will open on Monday, October 6, 1890, and close March 10, 1891. The exercises of the college are held in the Albany Medical College building on Eagle street.

The following constitute the faculty:

WILLIS G. TUCKER, Ph. D., F. C. S., President,
Professor of Chemistry.

ALFRED B. HUESTED, M. D., Ph. G., Secretary,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph. G.,
Professor of Pharmacy.

The course extends over two years, divided into junior and senior classes, composed of first and second year students respectively. Three or more lectures are delivered to each class each week besides laboratory classes and other exercises. Senior lectures on Monday, Wednesday and Friday evenings, and junior lectures on Tuesday and Thursday evenings and Saturday afternoons. Candidates for the degree of *Graduate in Pharmacy (Ph. G.)* must attend two full courses of lectures, be at least twenty-one years of age, submit a thesis and pass the required examinations. They must also have served at least four years with some reputable pharmacist. Fees: Matriculation fee (paid but once), \$3.00; lecture tickets for full course (with no charge for courses after the second), per session, \$30.00; laboratory fee, \$15.00; graduation fee, \$10.00. Various prizes are awarded to meritorious students at close of the term.

For catalogues, or further information, address

ALFRED B. HUESTED, M. D., *Secretary*,
144 State St., Albany, N. Y.

UNION COLLEGE.

The college offers to students the usual classical course; a scientific course (embracing more of mathematical and English studies; also modern languages or Latin), an engineering, a chemical and an eclectic course; also post-graduate courses. There is also a department of physical training.

Union College students have the privilege of attending the medical lectures of the Albany Medical College without expense, and matriculation is granted to Union College graduates without examination.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismissal and pass satisfactory examination.

The fee for tuition and room is \$30 a term, payable in advance, with \$5 for Freshman entrance, \$7 for Sophomore, \$9 for Junior, \$12 for Senior, unless the student comes from another college. Board costs \$3 to \$4 a week. Scholarships exist, yielding some remission on term bill. Commencement occurs always on the fourth Wednesday of June. Fall term of 1890 begins September 17th. Entrance examinations are held on the two days following commencement, and the two preceding any term.

For catalogues, address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF CIVIL ENGINEERING.

The object of this department, which was organized in UNION COLLEGE in 1845, is to give its students such instruction in the theory and practice of CIVIL ENGINEERING as to qualify them for immediate usefulness in the field and office in subordinate relations, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice.

The thoroughness and completeness of the course of instruction, the unsurpassed excellence of its illustrative apparatus, the opportunities and arrangements for field practice, the moderate charges (\$30 per term), and the fact that students have access without further charge to the teachings of the other departments, commend the course to those contemplating the engineering profession.

For circular, or specific information, address,

PROF. CHARLES C. BROWN,
Schenectady, N. Y.

DUDLEY OBSERVATORY, ALBANY.

This department of Union University was reorganized in the summer of 1876. The buildings and scientific apparatus of the observatory constitute an effective equipment for purposes of astronomical investigation, in which it is constantly employed.

Visitors are admitted only on Tuesday evenings, from 8 to 10 o'clock, and on passes obtainable from members of the Board of Trustees.

DIRECTOR — PROF. LEWIS BOSS, A. M.

HOSPITALS.

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students :

ALBANY HOSPITAL.

HOWARD STREET, CORNER OF EAGLE STREET.

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WILLIS G. TUCKER, M. D.

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE,

Medical Department of Union University.

60th SESSION, 1890-1891.



AND

ANNOUNCEMENT FOR SESSION, 1891-2.

ALBANY, N. Y.

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1891.

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CATALOGUES are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

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CATALOGUE

OF THE

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Medical Department of Union University.

60th SESSION, 1890-1891.



AND

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1891-2.

Union University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College and the School of Civil Engineering at Schenectady.

Beginning with the session of 1890-91, the faculty of the ALBANY MEDICAL COLLEGE adopted a strictly graded three years' course, though for ten years previous attendance upon three courses of lectures prior to graduation had been required with a few exceptions, as stated in previous catalogues. Henceforth no exception will be made, and *three courses of lectures now constitute an essential prerequisite for graduation.* The new curriculum, which went into operation last year, embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments will be assisted by clinical assistants and demonstrators. The faculty hope to receive the continued encouragement and support of the profession, and particularly of their own alumni in their earnest endeavor to render their instruction more practical and more thorough.

The college building, situated on Eagle street, is well appointed in its lecture-rooms, laboratories, dissecting-rooms, library and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting-room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting-room and a physiological laboratory. Special arrangements have been made by which an abundant supply of material is secured. The chemical laboratory was rebuilt in 1884, and a two-story building erected, fitted with every requisite for the illustration of the lectures, and the use of the students in practical chemistry, while "Alumni Hall," constituting the south wing of the college building, was greatly improved and re-furnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises.

During the summer of 1887, the anatomical amphitheatre, in which most of the lectures are delivered, was entirely remodeled and furnished with roomy, comfortable chairs, and the entire building is now heated by steam, and all halls, lecture-rooms and ante-rooms equably warmed and amply supplied with fresh air.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations, unequaled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models recently added by Dr. Vander Veer.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, are annually made and competed for by members of the graduating class.

COURSE OF INSTRUCTION.

The three years' graded course now required in this college is arranged as follows: The studies of the first year are anatomy and histology, physics, inorganic and organic chemistry, physiology and materia medica, with laboratory work in chemistry and histology, dissection and attendance upon the general medical and surgical clinic. The final examination in inorganic chemistry, histology and materia medica, and an annual examination in organic chemistry, anatomy and physiology are held at the close of this year.

The studies of the second year are anatomy, including topographical anatomy and anatomy of the nervous system, pathological anatomy, physiology, organic chemistry, therapeutics, surgery, practice of medicine, obstetrics and gynecology, with laboratory work in pathological anatomy and clinics. At the end of this year final examinations are held in organic chemistry, anatomy, pathological anatomy, physiology and therapeutics, and annual examinations in the practice of medicine, surgery and obstetrics.

The studies of the third year are practice of medicine, surgery, obstetrics, diseases of children, gynecology, diseases of the nervous system and of the eye, ear, skin, nose and throat, insanity and medical jurisprudence, with clinics and conferences. At the end of this year final examinations are held in practice, surgery, obstetrics and specialties.

Believing that instruction by recitation is as essential in medical as in literary colleges, the faculty have greatly enlarged and extended this department of the teaching in this college. The recitations, which previous to the adoption of the new curriculum had been held during unoccupied hours in the evening, are now made part of the regular curriculum. Every study taught in the college by lectures is also made the subject of recitations, the ratio of the number of lectures to that of recitations being in general two to one. By thus making the recitations a part of the regular course of instruction, it is possible to make sure not only that they are properly conducted, and that the students thoroughly understand the lectures, but also to save the students from a considerable expenditure of money, and to do away with all outside quiz-classes and with the objectionable system of cramming which such classes encourage.

The arrangement is fully shown in the order of instruction following.

ORDER OF INSTRUCTION—1891-92.

First Year.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9			Histology.			Organic Chemistry.
10		Laboratory work in Chemistry.	10:45 to 11:45 Medical Clinic Alb Hospital.	Laboratory work in Chemistry.		
11	Chemistry.					11 to 1 Surgical Clinic Alb. Hospital.
12	Materia Medica.	Materia Medica.	Surgical Clinic St. Peter's.	Anatomy.	Anatomy.	
2	Laboratory Work in Histology.					
3		Physiology.	Physiology.	Chemistry.	Physiology.	
4	Recitation Anatomy.	Recitation Physiology.	Anatomy.	Recitation Materia Medica.	Organic Chemistry.	
5			Recitation Chemistry.		Recitation Organic Chem.	
8	Dis-section.	Dissection.	Dissection.	Dissection.	Dissection.	

Final examinations in Inorganic Chemistry, Histology and Materia Medica.
Annual Examinations in Organic Chemistry, Anatomy and Physiology.

Second Year.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Therapeutics.	Fractures and Dislocations.	Therapeutics.	Pathological Anatomy.	Orthopædic Surgery.	Organic Chemistry.
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart and Lungs.		Theory and Practice.	Diseases of Heart and Lungs.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Anatomy.	Anatomy.	
2	Laboratory work in Pathological Anatomy.					
3	Topographical Anatomy.	Physiology.	Physiology.		Physiology.	
4	Recitation Physiology.	Recitation Anatomy.	Anatomy.	Recitation Therapeutics.	Organic Chemistry.	
5	Practical Courses in Physical Examination, Bandaging, etc. Class divided into sections.				Anatomy of Nerv. System.	

Final Examinations in Organic Chemistry, Anatomy, Pathological Anatomy, Physiology and Therapeutics,
and Annual Examinations in Surgery, Theory and Practice and Obstetrics.

Third Year.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Diseases of Nervous system.	Fractures and Dislocations.	Diseases of Children.	Med. Jurisp. and Insanity.	Orthopædic Surgery.	
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart and Lungs.		Theory and Practice.	Diseases of Heart and Lungs.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Dermatology.	Ophthalmology and Otology.	
3	Recitati'n Theory and Practice.	Clinic Child's Hospital.	Recitations in Specialties.	Recitation Heart and Lungs.	Recitation Surgery.	
4	Surgical Conference.	Recitation Surgery.	Medical Conference.	Neurological Clinic.	Clinic Nose and Throat.	
5	Practical Courses in Operative Surgery, Ophthalmoscopy, etc. Class divided into sections.				Recitation Obstetrics.	

Final Examinations in Surgery, Theory and Practice, Obstetrics and Specialties.

OUTLINES OF COURSES.

PRACTICE OF MEDICINE.—*Profs. Ward, Curtis and Hun.*

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens. These lectures are supplemented by study in some standard text-book, and each week the students are examined by Dr. Brennan, on the subject-matter of the lectures of that week.

Hygiene is taught by Prof. Ward in lectures which have special reference to the needs of the general practitioner.

Diseases of the Heart and Lungs. Prof. Hun delivers two lectures, illustrated with pathological specimens, each week on this subject, and Dr. Van Rensselaer conducts a recitation each week on the subject-matter of the lectures.

Clinical Medicine. Prof. Ward holds a medical clinic each week, in the amphitheatre of the Albany Hospital, and Prof. Hun holds a medical clinic each week, in St. Peter's or the Child's Hospital, before the senior class. In these clinics the students have opportunities for the personal examination of patients; their examination and diagnosis being criticised by the professor.

Auscultation and Percussion and Physical Examination are taught practically by Dr. Gordinier to the junior class, which for this purpose is divided up into small groups.

Diseases of Nervous System. Prof. Hun delivers a didactic lecture, and also holds a clinic on this subject each week. At the clinic the students are trained practically in the examination of patients and in the method of arriving at a diagnosis. As a preparation to this course Dr. Gordinier delivers to the junior class a lecture each week on the anatomy of the nervous system. These lectures are profusely illustrated by dissections of the central nervous organs, and by charts and plates.

Insanity. Dr. C. F. MacDonald delivers a course of lectures on this subject and holds clinics at the asylum connected with the alms-house, and at the Marshall Infirmary, Troy.

Diseases of the Skin. Prof. Curtis delivers each week on this subject a lecture which is illustrated by clinical material and the use of plates.

SURGERY.—*Profs. Vander Veer, Hailes, Merrill and Morrow.* In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia, pyæmia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to take it up after becoming occupied with the details of practice. The course on operative surgery includes all the usual operations. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term the students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject will be treated in a practical manner, a thorough course of lectures being given, in which the various fractures and dislocations will be illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, will be taught in the lecture-room, and followed by clinical instruction at the hospital, senior students being required to examine and diagnose injuries, and to select, prepare and apply the proper dressings for reduction and for the retention of the appliances used.

Ophthalmology and Otolaryngology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

Orthopedic Surgery will be taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.—*Prof. Boyd.* This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the Albany Hospital, the class being divided into sections in order to witness the operations. Provision will be made to enable members of the senior class to attend one or more cases of obstetrics during the term.

CHEMISTRY.—*Profs. Perkins and Tucker.* The course in this department includes lectures upon certain branches of physics—more especially light, heat and electricity—the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations are held in each department, and more time than heretofore will be devoted to practical work in the chemical laboratory, which is now required during the first year.

ANATOMY.—*Prof. Morrow and Drs. Craig and Gordinier.* The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect during the first year under the direction of the demonstrator and assistant demonstrator of anatomy.

Histology. The course in histology, embryology and pathology, by Prof. Hailes, consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc., and practical work in the histological laboratory two hours each week, which is now required during the first year, and in pathological anatomy during the second year.

MATERIA MEDICA.—*Prof. Bigelow and Dr. Van Rensselaer.* The

lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

Diseases of the Throat and Nose.—*Prof. Bigelow.* Clinics are held each week by the professor, and the student familiarized with the diseases of these parts, and made acquainted with the various methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.—*Prof. Townsend.* This branch is taught by means of didactic lectures, weekly recitations as well as frequent demonstrations upon the lower animals, the study being naturally divided into several departments, as physiological chemistry, physiological anatomy and histology, nutrition—comprising the subjects of digestion, absorption, secretion, the blood and its circulation—the nervous system, etc. The student thus can study the body “as a machine, learning the construction of its parts, the mechanism of their action, the materials with which it is supplied, the chemical transformation of its internal nutrition, as well as the phenomena which it exhibits in every department of the vital operations.”

LABORATORIES.

PRACTICAL CHEMISTRY. The chemical laboratory is well fitted and conveniently arranged for the use of the classes in practical chemistry, and for the illustration of the lectures in the chemical department. The laboratory is open during the entire year. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

HISTOLOGY AND PATHOLOGICAL ANATOMY. Important changes and additions have been made in this department, several thousand dollars having been expended in the purchase of new microscopes and auxiliaries, in order that every facility may be furnished for successful work in these branches. The laboratory has been refitted and newly equipped throughout, and furnishes ample accommodations for fifty or more students.

Each student is taught the technique of the microscope, and is instructed in the preparation, cutting, staining and mounting of specimens, and in the structure of the several tissues and organs of the body.

Instruction in pathological histology, including the diagnosis of tumors, examination of the urine, etc., is given each term, and students are instructed in the methods of preparing for microscopical examination the morbid material furnished by the surgical clinics and the autopsies made during the term. Each student will be required to make numerous practical examinations, both microscopical and chemical, of albuminous, diabetic and

other abnormal specimens of urine, and will be required to stain and examine numbers of specimens containing bacteria, until perfectly familiar with the methods employed in staining and demonstrating them.

Special laboratory courses in bacteriology are also provided.

FEES AND EXPENSES.

All fees are payable in advance, and are as follows: For matriculation, five dollars, payable each year; for the year's lectures, one hundred dollars. Students who have attended two courses of lectures at this college will be charged fifty dollars for their third course, but a perpetual ticket entitling to attendance upon three or more courses may be obtained on payment of two hundred dollars in advance. Students who have attended one course of lectures at this or some other accredited medical college will be charged one hundred dollars for their second and fifty dollars for their third course, and those who have attended two courses of lectures elsewhere will be charged seventy-five dollars for their third course in this college. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon payment of fifty dollars and the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course; dissecting material is free, and there are no incidentals in this department. Courses in the chemical laboratory, in histology and in pathology, ten dollars each. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding-houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates. This plan has been adopted by many students, and several mess clubs are organized annually.

PRIZES AND HOSPITAL APPOINTMENTS.

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M. D., for many years a professor in this college. It consists of a practical working microscope and will be awarded to the senior student passing the best bedside examination in general medicine.

Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics.

Professor Merrill offers a prize for the best report of the eye and ear clinics.

Professor Townsend offers a prize to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examination in obstetrics.

Professor Bigelow offers prizes for the best dry preparation of the pharynx, larynx and œsophagus, and for the best dry preparation of the nose and nasopharynx.

To the senior student passing the best final examination, Dr. T. W. Nellis (A. M. C. '81) of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C. '82) of Poughkeepsie, N. Y., offers a prize

consisting of a general operating case to the second year student passing the best final examination.

A. B. Huested (A. M. C. '63) & Co., of Albany, offer a prize consisting of Gross' complete pocket case of instruments to the first year student passing the best final examination.

At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.	BOOKS RECOMMENDED FOR REFERENCE.
ANATOMY—Gray.....	Holden's Osteology, Sharpey and Quain, Weisse, Stricker. [Owen.
HISTOLOGY—Frey, Satterthwaite.....	Cornil & Ranvier, Ziegler & Wagner.
PATHOLOGICAL ANATOMY—Delafield & Prudden.....	Landois & Sterling, Yeo, Foster, Sanderson.
PHYSIOLOGY—Kirke.....	Ringer, Brunton.
MAT. MED. AND THERAPEUTICS—Wood.....	Cohen, Mackenzie.
THROAT AND NOSE—Sajous.....	Withaus.
CHEMICAL PHILOSOPHY—Fownes.....	Rensen, Rolfe's Clin. Chem.
ORGANIC CHEMISTRY—Fownes.....	Fownes, Withaus, Simon.
INORGANIC CHEMISTRY—Clarke's Elements.....	Fresenius.
ANALYTICAL CHEMISTRY—Crafts.....	Wharton and Stillé, Woodman and Tidy.
MED. JURISPRUD. AND TOXICOL.—Taylor, Wormley.....	Thudichum, Neubauer and Vogel.
CHEMISTRY OF URINE—Tyson.....	Bartholow, Flint, Aitken, Strümpell.
THEORY AND PRACTICE—Loomis.....	Flint.
DISEASES HEART AND LUNGS—Strümpell.....	Parkes.
HYGIENE—Rohé, Wilson.....	Blandford and Spitzka.
INSANITY—Clouston.....	Duhring.
DERMATOLOGY—Bulkeley, Van Harlingen.....	Gowers.
DISEASES NERVOUS SYSTEM—Strümpell.....	Stimson.
FRACTURES AND DISLOCATIONS—Hamilton.....	Gross, Holmes, Erichsen, Agnew, Gerster, Druitt.
PRIN. AND PRAC. OF SURGERY—Bryant, Roberts.....	Paget.
SURGICAL PATHOLOGY—Bilroth.....	Jacobson.
OPERATIVE SURGERY—Smith's Hand-Book.....	Cooper, Hutchinson, Morrow, Thompson.
SYPHILIS & GEN. URIN. DISEA'S—Van Buren & Keyes.....	Noyes, Wells, Stellwag, Berry.
SURGICAL DIAGNOSIS—Ranney.....	Roosa, Burnett, Politzer, Gruber.
OPHTHALMOLOGY—Juler.....	Playfair, King, Parvin.
OTOLOGY—Buck.....	Barnes, Mundé, Winckel, Skene, Tait, May.
OBSTETRICS—Lusk.....	Meigs and Pepper, Goodhart, Henoch.
GYNECOLOGY—Emmet.....	
DISEASES OF CHILDREN—Smith, J. Lewis.....	

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a term of three years, including time spent in attending lectures, and he must present evidence of having complied with the law concerning preliminary examination.

He must have attended not less than three regular courses of lectures, the last of which must have been at this college. Students who have taken two or more courses of lectures at other accredited medical colleges, desiring to enter the third year (senior) class in this college, must pass an examination in the departments of anatomy, materia medica and therapeutics, physiology and chemistry, unless a satisfactory certificate of having passed a final examination in these branches is presented. Students who have attended one or

more courses elsewhere may enter the second year class on passing an examination in inorganic chemistry, histology and materia medica, or on furnishing evidence that such final examinations have been passed at some other accredited medical college. Such entrance examinations will be equivalent to those held at the end of the second and of the first year, respectively, in this college.

He must be of good moral character.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing and in the order previously stated (see page 6).

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,
4 Lancaster street, Albany, N. Y.

June 15, 1891.

STUDENTS, 1890-91.

THIRD YEAR.

Name.	Residence.	Preceptor.
WILLIAM SAMUEL ACKERT.....	Rhinebeck, N. Y.....	Dr. C. S. Van Etten.
JOHN MOLYNEAUX BOWMAN ...	Olive, N. Y.....	Dr. C. S. Brown.
MERTON WHELOCK BROWN... .	Cedarville, N. Y.....	Dr. W. H. Brown.
JOHN HUNTING COBB..... .	Binghamton, N. Y... .	Dr. J. W. Cobb.
WALTER HENRY CONLEY, Ph. G.	Albany, N. Y.....	Drs. Ward and Perry.
CHARLES EDMOND DAVIS.....	Albany, N. Y.....	Drs. Zeh and Larkin.
FRANK EDWARD DEAN.....	Pownal, Vt.....	Drs. Bennett and Bigelow.
FRANKLIN EDWARD DEUERLEIN.	Corning, N. Y.....	Dr. J. W. Hedden.
JOSEPH WILLIAM DROOGAN....	Albany, N. Y.....	Drs. Vander Veer & Kenney.
JEREMIAH AUCHMOODY DU BOIS	Port Ewen, N. Y.....	Drs. Hasbrouck & Vander Veer
WILLIAM JOHN FLEMING	Cohoes, N. Y	Drs. Eagan and Vander Veer.
JOSEPH FREEDMAN.	New York, N. Y.....	Dr. L. E. Blair.
NATHAN DAVID GARNSEY, A. B.	Rexford Flats, N. Y. .	Drs. Vander Veer & Herrick.
BERT LOUIS GOLDTHWAIT.....	Troy, N. Y..... .	Drs. Brierley and Potter.
HOMER J. GRANT	Pittsfield, Mass.....	Dr. F. Paddock.
WILLIAM JAMES GREEN	Saratoga, N. Y.....	Dr. G. F. Comstock.
EDWARD ALTON HOFFMAN	Albany, N. Y.	Dr. D. H. Cook.
EDWARD LEE JOHNSON.... .	Richmondville, N. Y.	Dr. T. B. Van Alstyne.
HENRY WARNER JOHNSON, A. B.	Cohoes, N. Y.....	Drs. Lempe and Haynes.
EDWARD JOSLIN	Slingerlands, N. Y. .	Drs. Hailes and Case.
JOHN WHITMAN JOSLIN.	Hoosick Falls, N. Y.	Drs. Hailes and Putnam.
SHERMAN S. KATHAN.....	Ballston, N. Y.....	Drs. Vander Veer and Kathan.
JOSEPH EUGENE KELLY.....	Pittsfield, Mass.....	Dr. J. A. Flynn.
WILLIAM JAMES KERNAN	Albany, N. Y.....	Dr. S. B. Ward.
WILLIAM NEWELL KNOWLTON... .	Essex, N. Y.....	Drs. Sweatt and Vander Veer.
ROBERT BROCKWAY LAMB, Ph.G.	Lansingburgh, N. Y. .	Dr. G. G. Lempe.
LOUIS LE BRUN, Ph. G.....	Albany, N. Y	Drs. Morrow and Healey.
SHERWOOD LE FEVRE	Albany, N. Y.....	Drs. Milbank and Connelly.
WARNER ABBOTT MILES.....	Vesper, N. Y.....	Drs. Bliss and Vander Veer.
LEWIS RYAN OATMAN.....	Salem, N. Y.....	Drs. Madison and Maguire.
JOHN CLEMENT O'HAIRE.....	West Troy, N. Y.....	Drs. Shiland and Houghton.
WILLIAM JAMES PENNINGTON... .	Troy, N. Y.....	Drs. Vander Veer and Boyd.
MICHAEL FRANCIS PHELAN.....	Troy, N. Y.....	Dr. J. P. Marsh.
GEORGE HENRY REYNOLDS.....	Roxbury, N. Y.....	Dr. E. W. Gallup.
FRANK KELLY ROARKE.....	Troy, N. Y.....	Drs. McLean and Schuyler.
WARD BEECHER SALTSMAN.....	Fort Plain, N. Y.....	Drs. Brownell and Burt.
WILL ORVIS SCOTT.....	Parish, N. Y.....	Dr. F. L. Harter.
ABRAM BAKER SIMMONS.....	Cohoes, N. Y.....	Dr. D. W. Houston.
HARMON ARTHUR STALEY.....	Albany, N. Y.....	Dr. A. Vander Veer.
DAVID LEWIS TAYLOR.	Oneonta, N. Y.....	Dr. J. H. Van Rensselaer.
JAMES HENRY TIMMERS.....	Albany, N. Y.....	Drs. Vander Veer and Moore.
EVERT EVERTSEN TRACY.....	Albany, N. Y..... .	Dr. C. E. Jones.
HARVEY WARD VAN ALLEN.	Salisbury, N. Y.....	Drs. Ward and Southworth.
ARTHUR BURTON VAN LOON....	Albany, N. Y.....	Dr. W. E. Milbank.

Name.	Residence.	Preceptor.
GEORGE JOHN VAN VECHTEN....	Mechanicville, N. Y..	Dr. G. Hudson.
FREDERIC ALLEN WILLIAMS.....	Albany, N. Y.	Dr. A. Vander Veer.
GEORGE AUSTAIN WILLIAMS, M. D. S.....	Albany, N. Y.....	Drs. De La Mater and Boyd.
JAMES WESLEY WILTSE.....	Ashland, N. Y.....	Dr. B. A. Johnson.

SECOND YEAR.

LEO FRANK ADT.	Waterbury, Conn....	Dr. T. L. Axtelle.
CHAS. FRANCIS ARCHAMBEAULT.	Troy, N. Y.....	Dr. L. J. Archambeault.
PATRICK JOSEPH BARRETT.....	Cohoes, N. Y.....	Dr. J. D. Featherstonhaugh.
LE ROY BECKER.....	Central Bridge, N. Y.	Dr. Hiram Becker.
JOHN BELCHER BEEBE.....	No. Egremont, Mass.	Drs. Beebe and Vander Veer.
ROBERT WOODRUTH BELL, Jr..	Albany, N. Y.....	Drs. Willis and Hailes.
JOHN CHARLES BROWN....	Albany, N. Y.....	Dr. Wm. Hailes, Jr.
DONALD GILLIES BUCHANAN....	Troy, N. Y.....	Dr. W. T. Baynes.
HENRY BEAMAN BURTON.....	Troy, N. Y... ..	Drs. Burton and Lempe.
FRED BELLINGER CASEY.....	Mohawk, N. Y.....	Dr. J. E. Casey.
ALBERT CROCKER COBB.....	Marion, Mass.	Drs. Cannon and Morrow
FREDERICK JOSEPH COX, A. B..	Albany, N. Y.....	Dr. J. W. Cox.
PETER JOHN DERVIN.....	Clinton, Mass.....	Dr. J. A. Flynn.
BENNETT WHITE DEWAR.....	Oneonta, N. Y.....	Dr. J. H. Van Rensselaer
JAMES DENSLOW EGGLESTON....	Albany, N. Y.....	Dr. Wm. Hailes, Jr.
PETER JAMES FAGEN.....	Albany, N. Y.....	Drs. Dwyer and Keenan.
GEORGE MICHAEL FISHER	Newport, N. Y.	Drs. Vander Veer and Dudley.
EUGENE JAMES GALLAGER.....	Mongaup Val'y, N. Y.	Dr. M. J. Dwyer.
WASHINGTON IRVING GOEWY..	East Schodack, N. Y.	Dr. A. Boyce.
JOHN BUTLER GROVER.....	Luzerne, Pa.....	Drs. Neale and Weida.
ARTHUR CLESSON HAGEDORN...	Gloversville, N. Y...	Drs. Davis and Bigelow.
GEORGE SHERMAN HASWELL....	West Troy, N. Y....	Dr. A. T. Van Vranken.
FREDERICK PETER HAWKINS...	Albany, N. Y.....	Dr. J. M. Bigelow.
ROBERT ALOYSIUS HEENAN.....	Albany, N. Y.....	Drs. Hailes and Classen.
STANTON HENDRICK..	Walton, N. Y.....	Dr. W. B. Morrow.
JOHN BYRON HULL.....	Berlin, N. Y.....	Drs. Geel and Bissell.
FRANK A. HUSTED.....	La Fayetteville, N. Y.	Dr. G. Q. Johnson.
WILLIAM P. KELLY.....	Pittsfield, Mass.....	Drs. Flynn and Burton.
WILLIAM GRANT LEWI, Ph. G..	Albany, N. Y.....	Drs. Lewi and Bendell.
WILLIAM ALEXANDER LIDDLE..	Amsterdam, N. Y...	Dr. W. H. Robb.
HOWARD EATON LOMAX.....	Albany, N. Y.....	Dr. R. J. Smith.
CHARLES HARRISON LOVELAND.	Wevertown, N. Y....	Dr. C. J. Loggins.
ELMER ELLSWORTH MARTIN ...	Greenbush, N. Y....	Dr. E. Humphrey.
WILLIAM McALLASTER, Ph. G.	Albany, N. Y.....	Dr. R. Babcock.
DUNCAN McNAB, Jr.....	Troy, N. Y.....	Drs. Greenman and Cooper,
FREDERICK AMMI MEAD.....	Gloversville, N. Y...	Dr. P. R. Furbeck.
CHARLES BENJAMIN MOSHER ...	Johnstown, N. Y....	Dr. J. Lefler.
LEO HAENDEL NEUMAN.....	Albany, N. Y.....	Dr. S. B. Ward.
CHAUNCEY ADAMS PATTERSON..	Walton, N. Y.....	Dr. J. C. Storie.
HARRY SEYMOUR PEARSE.....	Albany, N. Y.....	Drs. Balch and Ward.

Name.	Residence.	Preceptor.
LA ROSE RANCOUR.....	Albany, N. Y.....	Dr. J. D. Craig.
ELMER ELLSWORTH REICHARD..	East Schodack, N. Y.	Dr. A. Boyce.
SMITH MALON ROODS.....	Saratoga, N. Y.....	Dr. H. M. Lincoln.
WALTER BUSKIRK ROSSMAN....	Albany, N. Y.....	Dr. F. Townsend.
ARTHUR SAUTTER, Ph. G . . .	Albany, N. Y.....	Dr. S. B. Ward.
CHARLES ROBERT SEYMOUR....	Binghamton, N. Y...	Dr. J. F. Pratt.
IRA EARNEST SHAFFER.....	Rhinebeck, N. Y.....	Dr. C. S. Van Etten.
MELVIN SHELDON	West Taghkanic, N. Y.	Drs. Allen and Rossman.
WILLARD HAMILTON SWEET....	Petersburgh, N. Y...	Dr. F. R. Greene.
FRANKLIN STUART TEMPLE.....	Boston, Mass.....	Drs. Cooper and Lempe.
CLEMENT FRANK THEISEN.....	Albany, N. Y.....	Drs. Bailey and Smith.
LANSING VAN AUKEN, A. B ...	West Troy, N. Y.....	Dr. R. D. Traver.
CLARENCE DAVID VROOMAN....	Cockburn, N. Y.....	Drs. Vrooman and De Witt.
FRANKLIN GEORGE WARNER....	Glens Falls, N. Y....	Dr. A. H. Phelps.
ALFRED GEORGE WILDING.....	Malone, N. Y.....	Dr. R. J. Wilding.

FIRST YEAR.

NATHAN JULIUS ALEXANDER*..	Albany, N. Y.....	Dr. William Hailes.
EDWARD J. BEDELL.....	East Greenbush, N. Y.	Drs. Pitts and Van Slyke.
EDWARD MOSES BELL.....	Ellenburgh, N. Y....	Dr. D. B. Woodward.
MONTGOMERY PAULISON BIGGAM	Charleston, N. Y....	Dr. W. J. Peddie.
JOHN RICHARD BRAZEL.....	Hartford, Conn.....	Dr. John O'Flaherty.
LEWIS NYE BUMP.....	Winfield, N. Y.....	Dr. O. C. Orendorff.
AMBROSE GUY BYRNS.....	Solsville, N. Y.....	Dr. J. I. Scollard.
EDWARD GILBERT COX.....	Albany, N. Y.....	Dr. J. W. Cox.
HERBERT EDWIN DE FREEST....	Troy, N. Y.....	Dr. B. J. Ward.
WILLIAM BEESMER DICKINSON..	Albany, N. Y.....	Dr. W. L. Allen.
DONALD BURGESS DODGE... .	Binghamton, N. Y...	Dr. J. W. Cobb.
ROBERT EDWIN DORAN.....	Albany, N. Y.....	Dr. A. Vander Veer.
ADEN CLARENCE GATES.....	West Hebron, N. Y..	Dr. W. B. Madison.
ROBERT ALEXANDER GRANT....	Providence, R. I....	Dr. L. M. Pulcifer.
JOHN SEBASTIAN GUINAN.....	Albany, N. Y.....	Dr. P. J. Keegan.
WILFRED SILVESTER HALE*....	Albany, N. Y.....	Dr. L. Hale.
CHARLES WEBSTER HAMM.....	Troy, N. Y.....	Dr. M. A. Wheeler.
CHARLES HENRY HERRICK....	Sidney Centre, N. Y.	Dr. J. W. Sheffield.
ANSELME EPHREM HOULE.....	Cohoes, N. Y.....	Dr. G. U. Peltier.
WARD EVANS HUNT.....	Little Falls, N. Y....	Dr. K. A. Bushnell.
GEORGE HERBERT JANES.....	East Brimfield, Mass.	Dr. W. H. Stowe.
THOMAS WILLIAMS JENKINS ...	Scranton, Pa.....	Dr. W. E. Allen.
JOHN JONES.....	Holland Patent, N. Y.	Dr. M. W. Hunt.
FISHER M. JOSLIN.....	Voorheesville, N. Y.	Drs. Oliver and Smith.
TIMOTHY MATTHEW KANE.....	Albany, N. Y.....	Dr. J. C. Healey.
WILLIAM HENRY LAUGHLIN....	Milltown, N. B.....	Dr. J. M. Deacon.
EDWARD MORTON LEACH.....	Glen, N. Y.....	Drs. Leach and Vander Veer.
JOHN BELL LEDLIE	Saratoga, N. Y.....	Dr. Edward Rhoades.
HENRY PAUL LEONARD.....	Hoosick Falls, N. Y.	Dr. J. C. Hannan.
PATRICK THOMAS MARKEY.....	Schenectady, N. Y...	Dr. J. L. Schoolcraft.

* Matriculated only.

Name.	Residence.	Preceptor.
CHARLES EDWIN MARSHALL....	Cohoes, N. Y.....	Dr. C. E. Witbeck.
WILLIAM JAMES MCKOWN	Albany, N. Y.....	Drs. Smith and McKown.
JAMES MANNING MOORE.....	Albany, N. Y.....	Dr. C. H. Moore.
THEODULE MORISSEAU.	Cohoes, N. Y.....	Dr. J. L. Archambeault.
OSCAR JOSIAH MULFORD.....	Poughkeepsie, N. Y.	Drs. Powell and Hailes.
JOHN WILLIAM FREDERICK NEEF	Albany, N. Y.....	Drs. Lewi and Ball.
AARON LEWIS NEWTON.....	Quacken Kill, N. Y..	Dr. E. M. Jones.
GEORGE JOHN OTT	Clinton, Mass.....	Dr. P. P. Comey.
SAN CROMBIE PO.....	Bassim, Burma.....	Dr. W. C. Crombie.
JOSEPH WILLIAM RACETTE....	Joliette, Canada	Dr. J. D. Montmarquet.
COLLIE JOHN ROBINSON.....	Northville, N. Y. ...	Dr. D. S. Orton.
GEORGE FRANCIS ROGAN	Seneca Falls, N. Y...	Dr. F. G. Seaman.
JOHN WILLIAM RUSSELL.....	Seneca Falls, N. Y...	Dr. F. G. Seaman.
THOMAS ADDIS RYAN.....	Albany, N. Y.....	Drs. Vander Veer & MacDonald.
WALTER BRIND SABEY.....	Albany, N. Y.....	Dr. W. L. Purple.
FRANK BURTON SANFORD.....	Nicholville, N. Y....	Drs. Fortune and Cooper.
WILLIAM CAMPBELL SEBRING...	Saugerties, N. Y,....	Dr. J. W. Lockwood.
WALTER SMITH*.....	Fort Covington, N. Y.	Dr. J. A. Smart.
JOSEPH BENJAMIN SWETT, JR...	Ashburnham, Mass..	Dr. A. L. Stickney.
ROBERT HILL TEDFORD, JR....	Albany, N. Y.....	Drs. Tucker and Morrow.
LUCAS GROVE TUTTLE, A. M....	Troy, N. Y.....	Dr. L. McLean.
EMERY VAN DECAR*.....	East Albany, N. Y...	Dr. H. W. Bell.
GEORGE HENRY VAN GAASBEEK.	Olive, N. Y.....	Dr. H. Wolven.
LOUIS VAN HOESEN... ..	Hudson, N. Y... ..	Dr. C. E. Fritts.
FRED D. VICKERS.....	Roseboom, N. Y ...	Dr. W. Gillett.
JOHN STEWART WADE	Kortright, N. Y.....	Dr. Wm. Tripp.
PERCY GARDINER WALLER	West Troy, N. Y.....	Dr. L. B. Rulison.
WILLIAM LEVI WEED	Ballston, N. Y.....	Dr. J. H. Bissell.
WM. WARNER WENTWORTH, A.B.	Pittsfield, Mass.	Dr. W. H. Wentworth.
EARL WADSWORTH WILCOX....	Earlville, N. Y.....	Dr. O. B. Wilcox.

* Matriculated only.

SUMMARY.

Third Class.....	48
Second Class.....	55
First Class.....	60
Total.....	163

Graduates of 1891, with Subjects of Theses.*

COMMENCEMENT EXERCISES HELD AT HARMANUS BLEECKER HALL,
WEDNESDAY, APRIL 1, 1891.

William Samuel Ackert	- - -	<i>Interstitial Hepatitis.</i>
John Molyneaux Bowman	- - -	<i>Etiology of Pulmonary Tuberculosis.</i>
Merton Wheelock Brown	- - -	<i>Rubeola.</i>
John Hunting Cobb	- - -	<i>Process of Digestion in Health.</i>
Walter Henry Conley, Ph. G.	- - -	<i>Dietetics of Infancy.</i>
Charles Edmond Davis	- - -	<i>Aseptic Surgery.</i>
Frank Edward Dean	- - -	<i>History and Pathology of Tuberculosis.</i>
Franklin Edward Deuerlein	- - -	<i>Diphtheria.</i>
Joseph William Droogan	- - -	<i>Laparotomy.</i>
William John Fleming	- - -	<i>General Pathology of Tuberculosis.</i>
Joseph Freedman	- - -	<i>Pulmonary Tuberculosis.</i>
Nathan David Garnsey, A. B., Ph. G.	- - -	<i>Talipes.</i>
Edward Alton Hoffman	- - -	<i>Hypertrophy of the Prostate.</i>
Edward Lee Johnson	- - -	<i>Syphilis.</i>
Henry Warner Johnson, A. B.	- - -	<i>Consciousness and Unconsciousness.</i>
Edward Joslin	- - -	<i>The Pulse.</i>
John Whitman Joslin	- - -	<i>Scarlatina.</i>
Sherman S. Kathan	- - -	<i>Scarlatina and its Complications.</i>
Joseph Eugene Kelly	- - -	<i>Torticollis.</i>
William James Kernan	- - -	<i>Causation, Pathology and Treatment of Insanity.</i>
William Newell Knowlton	- - -	<i>Treatment of Hip-joint Disease.</i>
Robert Brockway Lamb, Ph. G.	- - -	<i>The Sound and Catheter.</i>
Louis Le Brun, Ph. G.	- * -	<i>Comparative Value of New Antipyretics.</i>
Sherwood Le Fevre	- - -	<i>Tobacco Habit.</i>
Warner Abbott Miles	- - -	<i>Etiology and Diagnosis of Haematuria.</i>
Lewis Ryan Oatman	- - -	<i>Pelvic Haematocoele.</i>
John Clement O'Haire	- - -	<i>Myxoedema.</i>
William James Pennington	- - -	<i>Obstetrical Antisepsis.</i>
Michael Francis Phelan	- - -	<i>Croupous Pneumonia.</i>
George Henry Reynolds	- - -	<i>Hypnotism.</i>
Frank Kelly Roarke	- - -	<i>Fractura Patellae.</i>
Ward Beecher Saltsman	- - -	<i>Rachitis.</i>
Will Orvis Scott	- - -	<i>Pneumonitis.</i>
Abram Baker Simmons	- - -	<i>Treatment of Syphilis.</i>
Harmon Arthur Staley	- - -	<i>Inflammation.</i>
James Henry Timmers	- - -	<i>Hypodermatic Medication.</i>
Evert Evertsen Tracy	- - -	<i>Pathology of Fever.</i>
Harvey Ward Van Allen	- - -	<i>Microscopical Diagnosis.</i>
Arthur Burton Van Loon	- - -	<i>Hints on Anaesthesia.</i>
George John Van Vechten	- - -	<i>Typhus Abdominalis.</i>
George Austain Williams, M. D. S.	- - -	<i>Etiology of Irregularities of the Jaws.</i>
James Wesley Wiltse	- - -	<i>Acute and Chronic Myelitis.</i>

Number of Graduates — 42.

* Thesis abolished as a requirement for graduation with the session of 1891-2.

MEDICAL STUDENTS' EXAMINATIONS.

Laws of 1889, ch. 463, as amended by Laws of 1890, ch. 499.

To provide for the preliminary education of medical students.

§ 1. Before the regents of the University of the State of New York or the trustees of any medical school or college within this state shall confer the degree of doctor of medicine on any person, they shall require him to file with the secretary or recording officer of their university or college a certificate signed by the secretary of the University of the State of New York showing either that he possesses the degree of bachelor or master of arts, of bachelor or master of science, or of bachelor or doctor of philosophy received by him from a college or university duly authorized to confer the same, or that during or prior to the first year of his medical study within this state, he passed an examination conducted under the authority of the regents of the University of the State of New York or by the faculty of a medical school or college entitled to confer the degree of doctor of medicine, in accordance with the standard and rules of the said regents in arithmetic, grammar, geography, orthography, American history, English composition, and the elements of natural philosophy; or in their substantial equivalents approved by the said regents, or that he possessed qualifications which the regents considered and accepted as fully equivalent to the above-named qualifications.

§ 2. This act shall not apply to persons who have already entered upon the prescribed three years' study of medicine;* nor shall it alter the time of study or the courses of medical instruction required to be pursued in the medical colleges of this state by existing statutes.

Notes on the Law.

1. The medical student certificate must be obtained during, or prior to the first year of medical study in this state.

2. The regents will accept as "substantial equivalents" the following:

(a) A certificate of having successfully completed a full year's course of study in any college or university under the supervision of the regents of the University, or registered by the regents as maintaining a satisfactory standard.

(b) A certificate of having satisfactorily completed a three years' course in any institution subject to the visitation of the regents, or registered by the regents as maintaining a satisfactory academic standard.

(c) A certificate of having passed the examinations preliminary to the study of medicine, required by the present medical act of Canada.

(d) A certificate of having passed the matriculation examinations of any university in Great Britain or Ireland.

(e) A regents' diploma.

(f) Regents' pass cards for any 20 counts not including reading and writing.

Extracts from Rules.

Printed question papers will be issued from the regents' office for each examination. Answers must be written in ink on both sides of letter paper, and arranged and numbered in the same order as the questions. Candidates should bring pen and ink. Paper and blotters will be supplied.

Seventy-five per cent of correct answers is required in all subjects.

* Prior to June 13, 1889.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted, pass cards will be issued.

Pass cards.—A regents' pass card is not limited in time; therefore it is not necessary to pass any regents' examination a second time.

To insure success, candidates should have a thorough knowledge of the whole of a standard school text book on each required subject, including the metric system, but not cube root in elementary arithmetic.

Medical student certificate.—When all requirements are fulfilled, the regents grant a medical student certificate.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Candidates for the law or medical student examinations should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Candidates who fail to send this advance notice will be admitted only so far as there are unoccupied seats.

Certificates without examinations.—Candidates having the degree of B. A., M. A., B. S., M. S., Ph. B. or Ph. D., or having other credentials which can be accepted in place of an examination, should send them to the Examinations department. They will be returned as soon as verified, and if accepted, a law or medical student certificate will be sent with them. The certificate will be dated from receipt of credentials, so that the candidate will lose no time.

Communications.—All communications must be addressed to Examinations Department, University of the State of New York, Albany, N. Y.

Calendar of Regents' Examinations

For the academic years 1891-1895.

	September.	November.	January.	March.	June.
1891-92.....	22-24	23-25	25-29	14-18	13-17
1892-93.....	27-29	21-23	23-27	13-17	12-16
1893-94.....	26-28	27-29	22-26	12-16	11-15
1894-95.....	25-27	26-28	21-25	11-15	10-14

NOTE—September examinations will be held at the Albany Medical College for medical and law students only, and also in New York, Brooklyn, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Department, University of the State of New York, Albany, N. Y.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE.

INCORPORATED FEBRUARY 6TH, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 1907. Names and addresses upon the roll, 1200. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association excepting the members of the executive committee who serve for three years, are elected annually.

OFFICERS FOR 1891.

President — DR. HORACE R. POWELL ('82), Poughkeepsie, N. Y.

Vice-Presidents —

DR. HORACE L. BOWER ('64), Greenville, Mich.

DR. DAISAN D. DRAKE ('64), Johnstown, N. Y.

DR. CLINTON B. HERRICK ('80), Troy, N. Y.

DR. ALVA E. ABRAMS ('81), Hartford, Conn.

DR. WALTER W. SCOFIELD ('82), Dalton, Mass.

Recording Secretary — DR. WILLIS G. TUCKER ('70), Albany, N. Y.

Corresponding Secretary — DR. CHARLES M. CULVER ('81), Albany, N. Y.

Treasurer — DR. SELWYN A. RUSSELL ('77), Albany, N. Y.

Historian — DR. EZRA A. BARTLET ('79), Albany, N. Y.

Executive Committee —

DR. WILLIAM L. ALLEN ('81), Greenbush, N. Y.

DR. ROBERT BABCOCK ('84), Albany, N. Y.

DR. HERMAN BENDELL ('62), Albany, N. Y.

DR. HENRY E. MERENESS ('74), Albany, N. Y.

DR. ALBERT VANDER VEER ('62), Albany, N. Y.

DR. LORENZO HALE ('68), Albany, N. Y.

DR. JOSEPH D. CRAIG ('84), Albany, N. Y.

DR. THOMAS H. WILLARD ('87), New York.

DR. DANIEL H. COOK ('73), Albany, N. Y.

DR. WILLIAM J. NELLIS ('79), Albany, N. Y.

DR. CHARLES C. DURVEE ('81), Schenectady, N. Y.

DR. ROBERT F. MACFARLANE ('88), Albany, N. Y.,

together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex-officiis*.

The next annual meeting will be held in the college building on Wednesday, April 27, 1892. The Alumni dinner will take place in the evening. So far as their addresses can be ascertained, all graduates of the college are notified of the annual meeting through the mail. Those who do not receive such notice regularly, are requested to furnish the recording secretary with their addresses, and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. S. A. Russell, Treasurer, 206 Lancaster street, Albany, N. Y.

HORACE R. POWELL, M. D., *President*.

WILLIS G. TUCKER, M. D., *Rec. Sec'y*,

Albany Medical College, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.

DEPARTMENT OF PHARMACY, UNION UNIVERSITY.

SESSION OF 1891-2.

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The eleventh course of lectures will open on Monday, October 5, 1891, and close March 8, 1892. The exercises of the college are held in the Albany Medical College building on Eagle street.

The following constitute the faculty:

WILLIS G. TUCKER, Ph. D., F. C. S., President,
Professor of Chemistry.

ALFRED B. HUESTED, M. D., Ph. G., Secretary,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph. G.
Professor of Pharmacy.

The course extends over two years, divided into junior and senior classes, composed of first and second year students respectively. Three or more lectures are delivered to each class each week besides laboratory classes and other exercises. Senior lectures on Monday, Wednesday and Friday evenings, and junior lectures on Tuesday and Thursday evenings and Saturday afternoons. Candidates for the degree of *Graduate in Pharmacy (Ph. G.)* must attend two full courses of lectures, be at least twenty-one years of age, submit a thesis and pass the required examinations. They must also have served at least four years with some reputable pharmacist. Fees: Matriculation fee (paid but once), \$3.00; lecture tickets for full course (with no charge for courses after the second), per session, \$30.00; chemical and pharmaceutical laboratory fees, each \$15.00; graduation fee, \$10.00. Various prizes are awarded to meritorious students at the close of the term.

For catalogues or further information, address

ALFRED B. HUESTED, M. D., *Secretary,*
144 State St., Albany, N. Y.

UNION COLLEGE.

The college offers to students the usual classical course; a scientific course (embracing more of mathematical and English studies; also modern languages or Latin), an engineering, a chemical and an eclectic course; also post-graduate courses. There is also a department of physical training.

Union College students have the privilege of attending the medical lectures of the Albany Medical College without expense, and matriculation is granted to Union College graduates without examination.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismissal and pass satisfactory examination.

The fee for tuition and room is \$30 a term, payable in advance, with \$5 for Freshman entrance, \$7 for Sophomore, \$9 for Junior, \$12 for Senior, unless the student comes from another college. Board costs \$3 to \$4 a week. Scholarships exist, yielding some remission on term bill. Commencement occurs always on the fourth Wednesday of June. Fall term of 1891 begins September 17th. Entrance examinations are held on the two days following commencement, and the two preceding any term.

For catalogues, address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF CIVIL ENGINEERING.

The object of this department, which was organized in UNION COLLEGE in 1845, is to give its students such instruction in the theory and practice of CIVIL ENGINEERING as to qualify them for immediate usefulness in the field and office in subordinate relations, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice.

The thoroughness and completeness of the course of instruction, the unsurpassed excellence of its illustrative apparatus, the opportunities and arrangements for field practice, the moderate charges (\$30 per term), and the fact that students have access without further charge to the teachings of the other departments, commend the course to those contemplating the engineering profession.

For circular, or specific information, address,

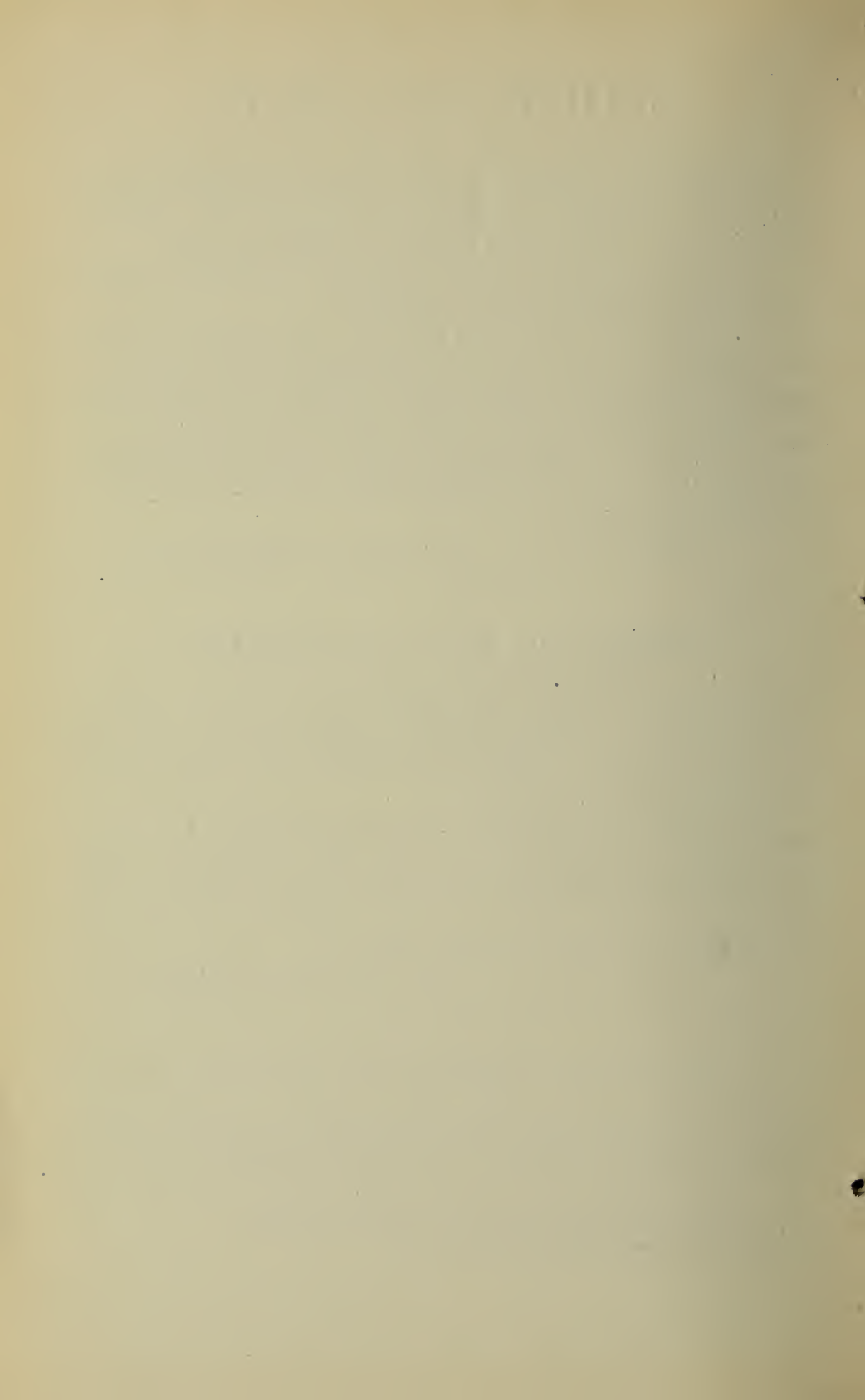
PROF. CHARLES C. BROWN,
Schenectady, N. Y.

DUDLEY OBSERVATORY, ALBANY.

This department of Union University was reorganized in the summer of 1876. The buildings and scientific apparatus of the observatory constitute an effective equipment for purposes of astronomical investigation, in which it is constantly employed.

Visitors are admitted only on Tuesday evenings, from 8 to 10 o'clock, and on passes obtainable from members of the Board of Trustees.

DIRECTOR — PROF. LEWIS BOSS, A. M.



HOSPITALS.

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

ALBANY HOSPITAL.

HOWARD STREET, CORNER OF EAGLE STREET.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M. D., LL. D.,

SAMUEL H. FREEMAN, M. D.

Consulting Obstetrician.

WILLIAM H. BAILEY, M. D.

Surgeons.

ALBERT VANDER VEER, M. D.,
WILLIAM HAILES, JR., M. D.,
SAMUEL R. MORROW, M. D.,

Physicians.

JOSEPH LEWI, M. D.,
JOHN M. BIGELOW, M. D.,
SAMUEL B. WARD, M. D.,
HENRY HUN, M. D.

Ophthalmic and Aural Surgeons.

CYRUS S. MERRILL, M. D.,
HERMAN BENDELL, M. D.

Obstetrician.

FRANKLIN TOWNSEND, JR., M. D.

Diseases of the Skin.

FREDERIC C. CURTIS, M. D.

Diseases of Women.

JAMES P. BOYD, M. D.

Resident Physicians and Surgeons.

WILLIAM H. HAPPEL, M. D.,

JOHN W. KNISKERN, M. D.,

WILLIAM S. ACKERT, M. D.

ST. PETER'S HOSPITAL.

CORNER NORTH BROADWAY AND NORTH FERRY STREET.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M. D., LL. D.,
SAMUEL B. WARD, M. D.,
DANIEL V. O'LEARY, M. D.

Consulting Surgeons.

ALBERT VANDER VEER, M. D.,
LEWIS BALCH, M. D.

Consulting Obstetric Surgeon.

Consulting Ophthalmic and Aural Surgeon.
CYRUS S. MERRILL, M. D.

JAMES P. BOYD, M. D.

Attending Physicians

HENRY HUN, M. D.,
T. KIRK PERRY, M. D.,
HOWARD VAN RENSSLAER, M. D.

Attending Surgeons.

SAMUEL R. MORROW, M. D.,
PATRICK J. KEEGAN, M. D.,
WILLIAM HAILES, JR., M. D.,
JOHN V. HENNESSY, M. D.

Laryngoscopy and Throat Diseases.

JOHN M. BIGELOW, M. D.

Obstetric Surgeons.

FRANKLIN TOWNSEND, JR., M. D.,
JOHN V. HENNESSY, M. D.

Ophthalmic and Aural Surgeons.

GEORGE S. MUNSON, M. D.,
THEODORE F. C. VAN ALLEN, M. D.

Diseases of the Skin.

FREDERIC C. CURTIS, M. D.

Resident Physicians and Surgeons.

EDWARD JOSLIN, M. D.,

FRANK K. ROARKE, M. D.

CHILD'S HOSPITAL.

CORNER ELK AND NORTH HAWK STREETS.

Consulting Physician.

THOMAS HUN, M. D., LL. D.

Attending Surgeons.

LEWIS BALCH, M. D.,
SAMUEL R. MORROW, M. D.

Attending Physicians.

THOMAS M. TREGO, M. D.,
HENRY HUN, M. D.

Ophthalmic and Aural Surgeon.

CYRUS S. MERRILL, M. D.

Physician to the Dispensary.

HOWARD VAN RENSSLAER, M. D.

COUNTY HOSPITAL.

Physician and Surgeon.

WILLIAM H. MURRAY, M. D.

Resident Physician.

HARMON A. STALEY, M. D.

ALBANY LAW SCHOOL.

Department of Law of Union University.

FACULTY.

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PRESIDENT OF THE UNIVERSITY.

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Professor of the Law of Real Property, Wills and Corporations.

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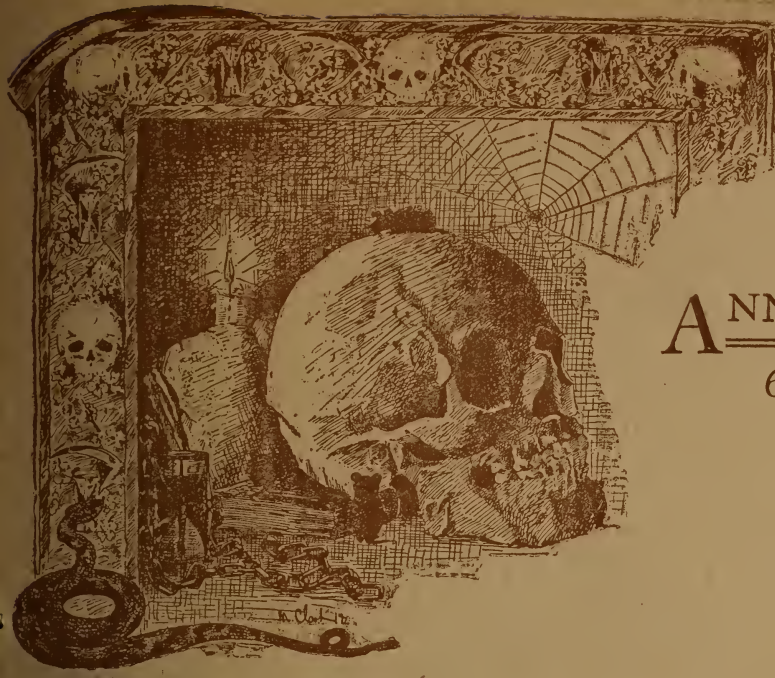
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DEAN OF ALBANY LAW SCHOOL,

Albany, N. Y.

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WILLIAM G. TUCKER, M. D.



A ANNOUNCEMENT
6th SESSION
1892-'93

Albany Medical College

July 10/93

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REGISTRAR ALBANY MEDICAL COLLEGE,

4 Lancaster street, Albany, N. Y.

Medical Department of Union University

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

61st SESSION, 1891-92

AND

ANNOUNCEMENT FOR SESSION, 1892-93



ALBANY, N. Y.

PRESS OF BRANDOW PRINTING COMPANY

1892
H. P.

FACULTY.

HARRISON EDWIN WEBSTER, LL.D., *President of the University.*

THOMAS HUN, M.D., LL.D., *Dean of the Faculty, and Emeritus Professor of the Institutes of Medicine.*

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WILLIAM HAILES, JR., M.D., *Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.*

CYRUS STRONG MERRILL, M.D., *Professor of Ophthalmology and Otology.*

FRANKLIN TOWNSEND, JR., M.D., *Emeritus Professor of Physiology.*

FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*

HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*

SAMUEL ROSEBURGH MORROW, M.D., *Professor of Anatomy and Orthopedic Surgery.*

CALENDAR, 1892-93.

1892.

Regular winter session begins	Tuesday, September 27
Election vacation	Monday and Tuesday November 7 and 8
Thanksgiving vacation begins	Wednesday afternoon, November 23
Lectures resumed	Monday, November 28
Christmas vacation begins	Saturday, December 24

1893.

Lectures resumed	Wednesday, January 4
Commencement	Wednesday, April 26

PRELIMINARY EXAMINATION.—Since September 1, 1876, all students entering this college have been required to pass an examination in the ordinary English branches and in the elements of natural philosophy, unless evidence had been presented of a satisfactory preliminary education. The faculty are now relieved of this duty, and heartily approve the existing law applying to all medical colleges in the state, by which the preliminary examination of medical students is placed under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine are advised to apply to the Examinations Department, University State New York, Albany, by letter or otherwise, for information concerning this examination. One of the examinations will be held in Albany, September 27-29, 1892. (For copy of law, with credentials and qualifications accepted by the Regents in place of examination, see pages 22 and 23.)

BI-MONTHLY WRITTEN EXAMINATIONS in all the departments are held during the term. A printed schedule of these examinations is furnished the class.

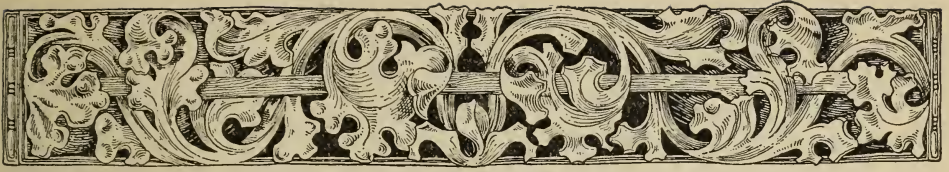
CLINICS.

- TUESDAY — 10 A. M., Albany Hospital (Gynecology), Prof. Boyd.
 3 P. M., Child's Hospital (Surgery), Prof. Morrow.
- WEDNESDAY — 10:45 A. M., Albany (Medical), Prof. Ward.
 12 M., St. Peter's (Surgical), Profs. Hailes and Morrow.
- THURSDAY — 12 M., Medical College (Dermatology), Prof. Curtis.
 4 P. M., St. Peter's (Neurology), Prof. Hun.
- FRIDAY — 12 M., Albany Hospital (Eye and Ear), Prof. Merrill.
 4 P. M., Albany Hospital (Nose and Throat), Prof. Bigelow.
- SATURDAY — 10 A. M., St. Peter's Hospital (Medical), Prof. Hun.
 11:15 A. M., Albany Hospital (Surgical), Prof. Vander Veer.

Clinics in Medicine, Ophthalmology and Orthopedic Surgery at Child's Hospital.

Medical and Surgical Clinics at Albany Hospital for Incurables.

Clinics in Insanity at Marshall Infirmary, Troy.



ANNOUNCEMENT.

1892-3.

UNION University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College and the School of Civil Engineering at Schenectady.

Beginning with the session of 1890-91, the faculty of the ALBANY MEDICAL COLLEGE adopted a strictly graded three years' course, though, for ten years previous, attendance upon three courses of lectures prior to graduation had been required with a few exceptions, as stated in previous catalogues. No exception to the rule is now made, and *three courses of lectures constitute an essential prerequisite for graduation*. The new curriculum, which went into operation with the session of 1890-91, embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators. The faculty hope to receive the continued encouragement and support of the profession, and particularly of their own alumni in their earnest endeavor to render their instruction each year more practical and more thorough.

The college building, situated on Eagle street, is well appointed in its lecture-rooms, laboratories, dissecting-rooms, library and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting-room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting-room and a physiological laboratory. Special arrangements have been made by which an abundant supply of material is secured. The chemical laboratory, rebuilt

in 1884, is fitted with every requisite for the illustration of the lectures and the use of the students in practical chemistry, while, "Alumni Hall," constituting the south wing of the college building, was greatly improved and refurnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises. The anatomical amphitheatre, in which most of the lectures are delivered, is furnished with roomy, comfortable chairs, and the entire building is heated by steam and well ventilated throughout.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations, unequaled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models recently added by Dr. Vander Veer.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, are annually made and competed for by members of the graduating class.

COURSE OF INSTRUCTION.

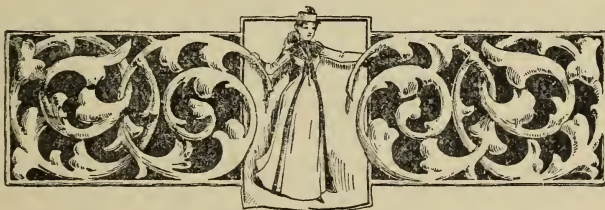
The three years' graded course now required in this college is arranged as follows: The studies of the first year are anatomy and histology, physics, inorganic and organic chemistry, physiology and materia medica, with laboratory work in chemistry and histology, dissection and attendance upon the general medical and surgical clinics. The final examination in inorganic chemistry, histology and materia medica, and an annual examination in organic chemistry, anatomy and physiology are held at the close of this year.

The studies of the second year are anatomy, including topographical anatomy and anatomy of the nervous system, pathological anatomy, physiology, organic chemistry, therapeutics, surgery, practice of medicine, obstetrics and gynecology, with laboratory work in pathological anatomy, practical courses in physical examination, bandaging, etc., and clinics. At the end of this year final examinations are held in organic chemistry, anatomy, pathological anatomy, physiology and therapeutics, and annual examinations in the practice of medicine, surgery and obstetrics.

The studies of the third year are practice of medicine, surgery, obstetrics, diseases of children, gynecology, diseases of the nervous system and of the eye, ear, skin, nose and throat, insanity and medical jurisprudence, with practical courses in operative surgery, ophthalmoscopy, etc., clinics and medical and surgical conferences. At the end of this year final examinations are held in practice, surgery, obstetrics and specialties.

Believing that instruction by recitation is as essential in medical as in literary colleges, the faculty have greatly enlarged and extended this department of the teaching in this college. The recitations, which previous to the adoption of the new curriculum had been held during unoccupied hours in the evening, are now made part of the regular curriculum. Every study taught in the college by lectures is also made the subject of recitations, these constituting a part of the regular course of instruction. Outside quiz-classes, with the objectionable system of cramming which such classes encourage, are thus done away with and students saved considerable expense, while the faculty are assured that the recitations are properly conducted and the lectures thoroughly understood.

The order of instruction for the last session was as follows, and that for 1892-3 will be essentially the same.



ORDER OF INSTRUCTION.

FIRST YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9			Histology.			Organic Chemistry.
10		Laboratory work in Chemistry.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Laboratory work in Chemistry.		
11	Chemistry.					
12	Materia Medica.	Materia Medica.	Surgical Clinic St. Peter's.	Anatomy.	Anatomy.	
2	Laboratory work in Histology.					
3		Physiology.	Physiology.	Chemistry.	Physiology.	
4	Recitation Anatomy.	Recitation Physiology.	Anatomy.	Recitation Materia Medica.	Organic Chemistry.	
5			Recitation Inorg. Chem.		Recitation Organic Chem.	
8	Dissection.	Dissection.	Dissection.	Dissection.	Dissection.	

Final examinations in Inorganic Chemistry, Histology and Materia Medica.
Annual examinations in Organic Chemistry, Anatomy and Physiology.

SECOND YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Therapeutics.	Fractures and Dislocations.	Therapeutics.	Pathological Anatomy.	Orthopædic Surgery.	Organic Chemistry.
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart & Lungs.		Theory and Practice.	Diseases of Heart & Lungs.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Anatomy.	Anatomy.	
2				Laboratory Work in Pathological Anatomy.		
3	Topographical Anatomy.	Physiology.	Physiology.	Recitation Therapeutics.	Physiology.	
4	Recitation Physiology.	Recitation Anatomy.	Anatomy.		Organic Chemistry.	
5	Practical courses in Physical Examination, Bandaging, etc. Class divided into sections.				Anatomy of Nerv. System.	

Final examinations in Organic Chemistry, Anatomy, Pathological Anatomy, Physiology and Therapeutics, and annual examinations in Surgery, Theory and Practice and Obstetrics.

THIRD YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Diseases of Nerv. System.	Fractures and Dislocations.	Diseases of Children.	Med. Jurisp. or Insanity.	Orthopædic Surgery.	
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart & Lungs.		Theory and Practice.	Diseases of Heart & Lungs.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Dermatology.	Ophthalmology and Otolaryngology.	
3	Recitation Theory and Practice.	Clinic Child's Hospital	Recitations in Specialties.	Recitation Heart & Lungs.	Recitation Surgery.	
4	Surgical Conference.	Recitation Surgery.	Medical Conference.	Neurological Clinic.	Clinic Nose & Throat.	
5	Practical courses in Operative Surgery, Ophthalmoscopy, etc. Class divided into sections.				Recitation Obstetrics.	

Final examinations in Surgery, Theory and Practice, Obstetrics and Specialties.

OUTLINES OF COURSES.

PRACTICE OF MEDICINE.

PROFS. WARD, CURTIS AND HUN.

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens. These lectures are supplemented by study in some standard text-book, and each week the students are examined by Dr. Brennan, on the subject-matter of the lectures of that week.

Hygiene is taught by Prof. Ward in lectures which have special reference to the needs of the general practitioner.

Diseases of the Heart and Lungs. Dr. Van Rensselaer delivers a course of lectures, illustrated with pathological specimens, on this subject, with a recitation each week on the subject-matter of the lectures.

Clinical Medicine. Prof. Ward holds a medical clinic each week, in the amphitheatre of the Albany Hospital, and Prof. Hun holds a medical clinic each week, in St. Peter's or the Child's Hospital, before the senior class. In these clinics the students have opportunities for the personal examination of patients; their examination and diagnosis being criticised by the professor.

Auscultation and Percussion and Physical Examination are taught practically by Dr. Gordinier to the junior class, which for this purpose is divided up into small groups.

Diseases of the Nervous System. Prof. Hun delivers a didactic lecture, and also holds a clinic on this subject each week. At the clinic the students are trained practically in the examination of patients and in the method of arriving at a diagnosis. As a preparation to this course Dr. Gordinier delivers to the junior class a lecture each week on the anatomy of the nervous system. These lectures are profusely illustrated by dissections of the central nervous organs, and by charts and plates.

Insanity. Dr. Kempster delivers a course of lectures on this subject and holds clinics at the asylum connected with the alms-house, and at the Marshall Infirmary, Troy.

Diseases of the Skin. Prof. Curtis delivers each week on this subject a lecture which is illustrated by clinical material and the use of plates.

SURGERY.

PROFS. VANDER VEER, HAILES, MERRILL AND MORROW.

In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes

of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia, pyæmia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to take it up after becoming occupied with the details of practice. The course on operative surgery includes all the usual operations. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term the students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject will be treated in a practical manner, a thorough course of lectures being given, in which the various fractures and dislocations will be illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, will be taught in the lecture-room, and followed by clinical instruction at the hospital, senior students being required to examine and diagnose injuries, and to select, prepare and apply the proper dressings for reduction and for the retention of the appliances used.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

Orthopedic Surgery will be taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.

PROF. BOYD.

This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the Albany Hospital, the class being divided into sections in order to witness the operations. Provision will be made to enable members of the senior class to attend one or more cases of obstetrics during the term.

CHEMISTRY.

PROFS. PERKINS AND TUCKER.

The course in this department includes lectures upon certain branches of physics—more especially light, heat and electricity—the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations are held in each department. Practical work in the chemical laboratory is now obligatory and required during the first year.

ANATOMY.

PROF. MORROW AND DRs. CRAIG AND GORDINIER.

The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect during the first year under the direction of the demonstrator and assistant demonstrator of anatomy.

Histology. The course in histology, embryology and pathology, by Prof. Hailes, consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc., and practical work in the histological laboratory two hours each week, which is now required during the first year, and in pathological anatomy during the second year.

MATERIA MEDICA.

PROF. BIGELOW AND DR. VAN RENSSELAER.

The lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

Diseases of the Throat and Nose.—*Prof. Bigelow.* Clinics are held each week by the professor, and the student familiarized with the diseases of these parts, and made acquainted with the various methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.

This branch is taught by means of didactic lectures, weekly recitations and experiments, the study being naturally divided into several departments, as physiological chemistry and anatomy, histology, nutrition, comprising digestion, absorption, secretion, the blood and its circulation, the nervous system, etc.

LABORATORIES.

PRACTICAL CHEMISTRY.

The chemical laboratory is well fitted and conveniently arranged for the use of the classes in practical chemistry, and for the illustration of the lectures in the chemical department. The laboratory is open during the entire year. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

HISTOLOGY AND PATHOLOGICAL ANATOMY.

Important changes and additions have been made in this department, several thousand dollars having been expended in the purchase of new microscopes and auxiliaries, in order that every facility may be furnished for successful work in these branches. The laboratory has been refitted and newly equipped throughout, and furnishes ample accommodations for fifty or more students.

Each student is taught the technique of the microscope, and is instructed in the preparation, cutting, staining and mounting of specimens, and in the structure of the several tissues and organs of the body.

Instruction in pathological histology, including the diagnosis of tumors, examination of the urine, etc., is given each term, and students are instructed in the methods of preparing for microscopical examination the morbid

material furnished by the surgical clinics and the autopsies made during the term. Each student will be required to make numerous practical examinations, both microscopical and chemical, of albuminous, diabetic and other abnormal specimens of urine, and will be required to stain and examine numbers of specimens containing bacteria, until perfectly familiar with the methods employed in staining and demonstrating them.

Special laboratory courses in bacteriology are also provided.

FEEES AND EXPENSES.

All fees are payable in advance, and are as follows: For matriculation, five dollars, payable each year; for the year's lectures, one hundred dollars. Students who have attended two courses of lectures at this college will be charged fifty dollars for their third course, but a perpetual ticket entitling to attendance upon three or more courses may be obtained on payment of two hundred dollars in advance. Students who have attended one course of lectures at this or some other accredited medical college will be charged one hundred dollars for their second and fifty dollars for their third course, and those who have attended two courses of lectures elsewhere will be charged seventy-five dollars for their third course in this college. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon payment of fifty dollars and the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course; dissecting material is free, and there are no incidentals in this department. Courses in the chemical laboratory, in histology and in pathology, ten dollars each. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding-houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates.

PRIZES AND HOSPITAL APPOINTMENTS.

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M.D., for many years a professor in this college. It consists of a practical working microscope and will be awarded to the senior student passing the best bedside examination in general medicine.

Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics.

Professor Merrill offers a prize for the best report of the eye and ear clinics.

Professor Townsend offers a prize to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examination in obstetrics.

Professor Bigelow offers prizes for the best dry preparation of the pharynx, larynx and œsophagus, and for the best dry preparation of the nose and nasopharynx.

To the senior student passing the best final examination, Dr. T. W. Nellis (A. M. C., '81), of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C., '82), of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the second year student passing the best final examination.

A. B. Husted (A. M. C., '63) & Co., of Albany, offer a prize consisting of Gross' complete pocket case of instruments to the first year student passing the best final examination.

At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.

ANATOMY—Gray
HISTOLOGY—Frey, Satterthwaite
PATHOLOGICAL ANATOMY—Delafield & Prudden
PHYSIOLOGY—Kirke
MAT. MED. AND THERAPEUTICS—Wood
THROAT AND NOSE—Sajous
CHEMICAL PHILOSOPHY—Fownes
ORGANIC CHEMISTRY—Fownes
INORGANIC CHEMISTRY—Clarke's Elements
ANALYTICAL CHEMISTRY—Crafts
MED. JURISPRUD. AND TOXICOL.—Taylor, Wormley
CHEMISTRY OF URINE—Tyson
THEORY AND PRACTICE—Loomis
DISEASES HEART AND LUNGS—Strümpell
HYGIENE—Rohé, Wilson
INSANITY—Clouston
DERMATOLOGY—Bulkeley, Van Harlingen
DISEASES NERVOUS SYSTEM—Strümpell
FRACTURES AND DISLOCATIONS—Hamilton
PRIN. AND PRAC. OF SURGERY—Bryant, Roberts
SURGICAL PATHOLOGY—Billroth
OPERATIVE SURGERY—Smith's Hand-Book
SYPHILIS & GEN. URIN. DIS'S—Van Buren & Keyes
SURGICAL DIAGNOSIS—Ranney
OPHTHALMOLOGY—Noyes
OTOLOGY—Buck
OBSTETRICS—Lusk
GYNECOLOGY—Emmet
DISEASES OF CHILDREN—Smith, J. Lewis

BOOKS RECOMMENDED FOR REFERENCE.

Holden's Osteology, Sharpey and Quain, Weisse, Stricker. [Owen.]
Cornil & Ranvier, Ziegler & Wagner.
Landois & Sterling, Yeo, Foster, Sanderson.
Ringer, Brunton.
Cohen, Mackenzie.
Withhaus.
Remsen, Rolfe's Clin. Chem.
Fownes, Withhaus, Simon.
Fresenius.
Wharton and Stillé, Woodman and Tidy.
Thudichum, Neubauer and Vogel.
Bartholow, Flint, Osler, Strümpell.
Flint.
Parkes.
Blandford and Spitzka.
Duhring.
Gowers.
Stimson.
Gross, Holmes, Erichsen, Agnew, Gerster, Druitt, Paget.
Jacobson.
Cooper, Hutchinson, Morrow, Thompson.
Wells, Stellwag, Berry.
Roosa, Burnett, Politzer, Gruber.
Playfair, King, Parvin.
Barnes, Mundé, Winckel, Skene, Tait, May.
Meigs and Pepper, Goodhart, Hensch.

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a period of not less than three years (36 months), including time spent in attending lectures, and he must present evidence of having complied with the law concerning preliminary examination.

He must have attended not less than three regular courses of lectures, the last of which must have been at this college. Students who have taken two or more courses of lectures at other accredited medical colleges, desiring to enter the third year (senior) class in this college, must pass an examination in the departments of anatomy, materia medica and therapeutics, physiology and chemistry, unless a satisfactory certificate of having passed a final examination in these branches is presented. Students who have attended one or more courses elsewhere may enter the second year class on passing an examination in inorganic chemistry, histology and materia medica, or on furnishing evidence that such final examinations have been passed at some other accredited medical college. Such entrance examinations will be equivalent to those held at the end of the second and of the first year, respectively, in this college.

He must be of good moral character.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing and in the order previously stated. (See pages 6 and 7.)

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M.D., *Registrar*,
4 Lancaster street, Albany, N. Y.

July 1, 1892.



STUDENTS, 1891-92.

THIRD YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Leo Frank Adt	Waterbury, Conn.	Dr. T. L. Axtelle
Charles Francis Archambeault	Troy, N. Y.	Dr. L. J. Archambeault
Patrick Joseph Barrett	Cohoes, N. Y.	Dr. J. D. Featherstonhaugh
Le Roy Becker	Central Bridge, N. Y.	Drs. Becker and MacDonald
Robert Woodworth Bell, Jr.	Albany, N. Y.	Drs. Hailes and Fritts
Henry Hobert Bradley	Bradford, Pa.	Drs. Stewart and Benninghoff
John Charles Brown	Albany, N. Y.	Dr. G. L. Ullman
Donald Gillies Buchanan	Troy, N. Y.	Drs. Baynes and Bontecou
Henry Beaman Burton	Troy, N. Y.	Drs. Burton, Lempe and Hailes
Fred Bellinger Casey	Mohawk, N. Y.	Dr. J. E. Casey
Albert Crocker Cobb	Marion, Mass.	Drs. Cannon and Morrow
Frederick Joseph Cox, A. B.	Albany, N. Y.	Dr. J. W. Cox
Peter John Derwin	Clinton, Mass.	Drs. Flynn and Comey
Bennett White Dewar	Oneonta, N. Y.	Dr. J. H. Van Rensselaer
James Denslow Eggleston	Albany, N. Y.	Dr. Wm. Hailes, Jr
Peter James Fagen	New York, N. Y.	Drs. Dwyer and Keenan
George Michael Fisher	Newport, N. Y.	Drs. Vander Veer and Dudley
Eugene James Gallagher	Mongaup Valley, N. Y.	Dr. M. J. Dwyer
Washington Irving Goewey	East Schodack, N. Y.	Dr. A. Boyce
Bert Louis Goldthwait	Troy, N. Y.	Drs. Brierley and Potter
Homer J. Grant	Pittsfield, Mass.	Dr. F. Paddock
John Butler Grover	Luzerne, Pa.	Drs. Neale and Weida
Arthur Clesson Hagedorn	Gloversville, N. Y.	Drs. Davis and Vander Veer
George Sherman Haswell	West Troy, N. Y.	Drs. Van Vranken and Boyd
Robert Aloysius Heenan	Albany, N. Y.	Drs. Hailes and Classen
Stanton Hendrick	Walton, N. Y.	Dr. W. B. Morrow
John Byron Hull	Berlin, N. Y.	Drs. Geel and Bissell
Frank A. Husted	La Fayetteville, N. Y.	Dr. G. Q. Johnson
William P. Kelly	Pittsfield, Mass.	Drs. Flynn and Marselius
William Grant Lewi, Ph.G.	Albany, N. Y.	Drs. Lewi and Bendell
William Alexander Liddle	Amsterdam, N. Y.	Drs. Robb and MacDonald
Howard Eaton Lomax	Albany, N. Y.	Dr. R. J. Smith
Charles Harrison Loveland	Wevertown, N. Y.	Dr. C. J. Loggins
Elmer Ellsworth Martin	Greenbush, N. Y.	Dr. E. Humphrey
William McAllaster, Ph.G.	Albany, N. Y.	Dr. R. Babcock
Duncan McNab, Jr.	Troy, N. Y.	Drs. Greenman, Gordinier and Boyd
Frederick Ammi Mead	Gloversville, N. Y.	Drs. Furbeck and Vander Veer
Charles Benjamin Mosher	Johnstown, N. Y.	Drs. Lefler and Hailes
Leo Haendel Neuman	Albany, N. Y.	Dr. S. B. Ward
Charles La Mont Parker	Camillus, N. Y.	Dr. F. W. Smith
Chauncey Adams Patterson	Walton, N. Y.	Drs. Storie and Holley

NAME.	RESIDENCE.	PRECEPTOR.
Harry Seymour Pearse.....	Albany, N. Y.....	Dr. S. B. Ward
La Rose Rancour.....	Albany, N. Y.....	Dr. J. D. Craig
Elmer Ellsworth Reichard.....	East Schodack, N. Y.....	Dr. A. Boyce
Smith Malon Roods.....	Saratoga Springs, N. Y.....	Dr. H. M. Lincoln
Walter Buskirk Rossman.....	Albany, N. Y.....	Dr. A. Vander Veer
Charles Robert Seymour.....	Binghamton, N. Y.....	Dr. J. F. Pratt
Ira Earnest Shaffer.....	Rhinebeck, N. Y.....	Dr. C. S. Van Etten
Melvin Sheldon.....	Glenco, N. Y.....	Drs. Allen and Hailes
Willard Hamilton Sweet.....	Petersburgh, N. Y.....	Dr. F. R. Greene
David Lewis Taylor.....	Oneonta, N. Y.....	Dr. J. H. Van Rensselaer
Franklin Stuart Temple.....	Boston, Mass.....	Drs. Cooper and Lempe
Clement Frank Theisen.....	Albany, N. Y.....	Drs. Bailey and Smith
Lansing Van Auken, A. B.....	West Troy, N. Y.....	Dr. R. D. Traver
Clarence David Vrooman.....	Cockburn, N. Y.....	Drs. Vrooman and De Witt
Franklin George Warner.....	Glens Falls, N. Y.....	Drs. Phelps and Vander Veer
Alfred George Wilding.....	Malone, N. Y.....	Dr. R. J. Wilding
Frederic Allen Williams.....	Albany, N. Y.....	Albany Medical College

SECOND YEAR.

Oliver Shepard Barnum.....	Coxsackie, N. Y.....	Dr. F. L. Barnum
Edward J. Bedell.....	East Greenbush, N. Y.....	Drs. Pitts and Van Slyke
John Belcher Beebe.....	No. Egremont, Mass.....	Drs. Beebe and Vander Veer
Edward Moses Bell.....	Ellenburgh, N. Y.....	Drs. Woodward and Magee
John Richard Brazel.....	Hartford, Conn.....	Dr. John O'Flaherty
Lewis Nye Bump.....	Winfield, N. Y.....	Dr. O. C. Orendorff
Ambrose Guy Byrns.....	Solsville, N. Y.....	Dr. J. I. Scollard
George Taylor Church, A. B.....	Saratoga Springs, N. Y.....	Dr. C. S. Grant
Edward Gilbert Cox.....	Albany, N. Y.....	Dr. J. W. Cox
Orville Curtis.....	Ballston Centre, N. Y.....	Dr. P. C. Curtis
Herbert Edwin De Freest.....	Troy, N. Y.....	Drs. Ward, Townsend and Hailes
Donald Burgess Dodge.....	Binghamton, N. Y.....	Drs. Cobb and Hailes
Robert Edwin Doran.....	Albany, N. Y.....	Dr. A. Vander Veer
Aden Clarence Gates.....	West Hebron, N. Y.....	Drs. Madison and Vander Veer
Robert Alexander Grant.....	Providence, R. I.....	Dr. L. M. Pulsifer
John Sebastian Guinan.....	Albany, N. Y.....	Drs. Keegan and MacDonald
Charles Webster Hamm.....	Troy, N. Y.....	Drs. Wheeler and Lempe
Amos Wieting Hedden.....	Syracuse, N. Y.....	Dr. Vander Veer
Charles Henry Herrick.....	Sidney Centre, N. Y.....	Dr. J. W. Sheffield
Anselme Ephrem Houle.....	Cohoes, N. Y.....	Dr. G. U. Peltier
Ward Evans Hunt.....	Little Falls, N. Y.....	Dr. K. A. Bushnell
George Herbert Janes.....	East Brimfield, Mass.....	Dr. Wm. Holbrook
Thomas Williams Jenkins.....	Scranton, Pa.....	Dr. W. E. Allen
John Jones.....	Holland Patent, N. Y.....	Drs. Hunt and Vander Veer
Fisher M. Joslin.....	Voorheesville, N. Y.....	Drs. Oliver and MacDonald
William Henry Laughlin.....	Milltown, N. B.....	Dr. J. M. Deacon
Edward Morton Leach.....	Glen, N. Y.....	Drs. Leach and Vander Veer
John Bell Ledlie.....	Saratoga Springs, N. Y.....	Dr. W. G. MacDonald
Patrick Thomas Markey.....	Schenectady, N. Y.....	Dr. J. L. Schoolcraft
Charles Edwin Marshall.....	Cohoes, N. Y.....	Drs. Witbeck and Townsend

NAME.	RESIDENCE.	PRECEPTOR.
William James McKown.....	Albany, N. Y.....	Drs. McKown and Lempe
James Manning Moore.....	Albany, N. Y.....	Dr. C. H. Moore
Theodule Morisseau.....	Cohoes, N. Y.....	Dr. J. L. Archambeault
Oscar Josiah Mulford.....	Poughkeepsie, N. Y.....	Dr. H. R. Powell
John William Frederick Neef.....	Albany, N. Y.....	Drs. Lewi and Ball
George John Ott.....	Clinton, Mass.....	Drs. Comey and Lempe
John Jason Owen.....	Ticonderoga, N. Y.....	Drs. Wilcox and MacDonald
Flavius Brown Packer.....	Smyrna, N. Y.....	Dr. T. G. Packer
San Crombie Po.....	Bassim, Burma.....	Dr. W. C. Crombie
Joseph William Racette.....	Joliette, Canada.....	Dr. J. D. Montmarquet
Martin Silas Reid.....	Voorheesville, N. Y.....	Dr. A. R. Oliver
Collie John Robinson.....	Northville, N. Y.....	Dr. D. S. Orton
George Francis Rogan.....	Seneca Falls, N. Y.....	Dr. F. G. Seaman
John William Russell.....	Seneca Falls, N. Y.....	Dr. F. G. Seaman
Thomas Addis Ryan.....	Albany, N. Y.....	Drs. Vander Veer and MacDonald
Walter Brind Sabey.....	Albany, N. Y.....	Dr. W. L. Purple
Frank Burton Sanford.....	Nicholville, N. Y.....	Drs. Fortune and Cooper
Arthur Sautter, Ph.G.....	Albany, N. Y.....	Dr. S. B. Ward
William Campbell Sebring.....	Saugerties, N. Y.....	Dr. J. W. Lockwood
Joseph Benjamin Swett, Jr.....	Ashburnham, Mass.....	Dr. A. L. Stickney
Robert Hill Tedford, Jr.....	Albany, N. Y.....	Drs. Tucker and Morrow
Lucas Grove Tuttle, A. M.....	Troy, N. Y.....	Dr. L. McLean
George Henry Van Gaasbeek.....	Olive, N. Y.....	Dr. H. Wolven
Louis Van Hoesen.....	Hudson, N. Y.....	Dr. C. E. Fritts
Fred D. Vickers.....	Roseboom, N. Y.....	Dr. W. Gillett
John Stewart Wade.....	Kortright, N. Y.....	Dr. G. T. Scott
Percy Gardiner Waller.....	West Troy, N. Y.....	Dr. L. B. Rulison
William Warner Wentworth, A. B.....	Pittsfield, Mass.....	Dr. W. H. Wentworth

FIRST YEAR.

George Hatch Beebe.....	Alford, Mass.....	Dr. R. Beebe
Charles Bernstein.....	Howe's Cave, N. Y.....	Dr. A. N. Guffin
Joseph Barton Betts.....	Cropseyville, N. Y.....	Dr. T. L. St. John
Henry Ward Briggs, A. B.....	Schenectady, N. Y.....	Drs. Kathan and Lochner
George Brookins.....	Johnstown, N. Y.....	Dr. J. E. Burdick
Charles Augustus Brown.....	Hoosick Falls, N. Y.....	Dr. G. M. Lamb
James Burton.....	Albany, N. Y.....	Dr. H. E. Mereness
Arthur John Capron.....	Albany, N. Y.....	Drs. Bigelow and Capron
William Wesley Clark.....	Barton, N. Y.....	Dr. W. E. Johnson
Robert Nelson Clemons.....	Dresden Station, N. Y.....	Dr. J. P. Newton
Charles Higgins Cole.....	Waterford, N. Y.....	Drs. Zeh and Davis
John Henry Cotter.....	Clinton Corners, N. Y.....	Dr. J. H. Cotter
Francis Joseph Crummev, B. S.....	Albany, N. Y.....	Dr. A. Vander Veer
Erwin James Cusack.....	Clifford, N. Y.....	Dr. A. W. Green
Otis H. Deck.....	Deck, N. Y.....	Dr. H. H. Green
Alfred Desrochers.....	St. Jacques, Canada.....	Dr. Montmarquet
William Beesmer Dickinson.....	Albany, N. Y.....	Dr. W. L. Allen
William Henry George.....	Albany, N. Y.....	Drs. Townsend and Brierley
Walter C. Gilday.....	Cherry Valley, N. Y.....	Dr. G. L. Merritt

NAME.	RESIDENCE.	PRECEPTOR.
Walter Wesley Goddard.....	Cohoes, N. Y.....	Dr. J. D. Featherstonhaugh
George William Goodell.....	Mexico, N. Y.....	Dr. G. P. Johnson
Eugene Howard Goodfellow.....	Gloversville, N. Y.....	Drs. Clowe and Phillips
Wilfred Sylvester Hale.....	Albany, N. Y.....	Dr. L. Hale
Arthur Many Johnson.....	Binghamton, N. Y.....	Drs. J. W. and J. H. Cobb
Frank Merriam Johnson.....	Mexico, N. Y.....	Dr. G. P. Johnson
Owen Elon Jones.....	Frankfort, N. Y.....	Dr. A. D. Blakely
Timothy Matthew Kane.....	Albany, N. Y.....	Dr. G. H. Houghton
Charles Ten Eyck La Moure.....	Albany, N. Y.....	Dr. J. M. Bigelow
William Michael Leavy.....	Albany, N. Y.....	Dr. Wm. Hailes, Jr
Louis Oscar Lesieur.....	Manchester, N. H.....	Dr. E. N. Fugere
Stephen Madatian Long, A. B.....	Albany, N. Y.....	Dr. J. J. McAllister
Harry Warner Luchsinger.....	Glendale, Mass.....	Dr. W. Miller
John Roddy Mahan.....	Troy, N. Y.....	Dr. G. L. Meredith
Ralph McCune.....	Stamford, N. Y.....	Drs. Calhoun and Churchill
John Rankin McElroy.....	Forest Port, N. Y.....	Dr. W. C. Duke
John Francis McGarahan.....	Cohoes, N. Y.....	Dr. J. H. Mitchell
George B. McGraw.....	Glens Falls, N. Y.....	Drs. Thompson and Mott
Frank Carrier McMahan.....	Albany, N. Y.....	Dr. Henry Hun
Bernard Edward Mulligan.....	Albany, N. Y.....	Drs. Ward and Fish
Frank Patrick O'Brien.....	Fort Edward, N. Y.....	Dr. W. B. Melick
Ellwood Oliver.....	Slingerlands, N. Y.....	Drs. Case and Hailes
James Timothy Park.....	Vaughns, N. Y.....	Dr. J. T. Barnes
Jacob John Parseghian.....	New York, N. Y.....	Dr. H. A. Hartt
Edward Ferguson Pickford, A. B.....	Schenectady, N. Y.....	Drs. Schoolcraft and Lochner
Walter Kendric Quackenbush.....	Cohoes, N. Y.....	Drs. Greenman and Haynes
Andrew Jackson Rogan.....	West Troy, N. Y.....	Drs. Zeh and O'Haire
Thomas Conant Sawyer.....	Auburn, N. Y.....	Drs. Ward and Sawyer
Fred Byron Stellwagen.....	Albany, N. Y.....	Drs. Rulison and Smeltzer
John Archibold Stevenson.....	Troy, N. Y.....	Dr. R. B. Goudie
Richard Llewellyn Stoddard.....	Lowville, N. Y.....	Dr. J. L. Hunt
Charles Rodman Townsend.....	Lansingburgh, N. Y.....	Dr. F. T. Stannard
Fred Phillips Van Denbergh.....	Troy, N. Y.....	Dr. H. L. Waldo

SUMMARY.

Third Class.....	58
Second Class.....	58
First Class.....	52
Total.....	168

GRADUATES OF 1892.

COMMENCEMENT EXERCISES HELD AT HARMANUS BLEECKER HALL,
WEDNESDAY, APRIL 27, 1892.

NAME.	RESIDENCE.
Leo Frank Adt.....	Waterbury, Conn.
Patrick Joseph Barrett.....	Cohoes, N. Y.
Le Roy Becker.....	Central Bridge, N. Y.
Robert Woodworth Bell, Jr.....	Albany, N. Y.
Henry Hobert Bradley.....	Bradford, Pa.
John Charles Brown.....	Albany, N. Y.
Donald Gillies Buchanan.....	Troy, N. Y.
Henry Beaman Burton.....	Troy, N. Y.
Fred Bellinger Casey.....	Mohawk, N. Y.
Albert Crocker Cobb.....	Marion, Mass.
Frederick Joseph Cox, A.B.....	Albany, N. Y.
Peter John Dervin.....	Clinton, Mass.
Bennett White Dewar.....	Oneonta, N. Y.
Peter James Fagen.....	Albany, N. Y.
George Michael Fisher.....	Newport, N. Y.
Eugene James Gallagher.....	Mongaup Valley, N. Y.
Washington Irving Goewey.....	East Schodack, N. Y.
Bert Louis Goldthwait.....	Troy, N. Y.
Homer J. Grant.....	Pittsfield, Mass.
John Butler Grover.....	Luzerne, Pa.
Arthur Clesson Hagedorn.....	Gloversville, N. Y.
George Sherman Haswell.....	West Troy, N. Y.
Robert Aloysius Heenan.....	Albany, N. Y.
Stanton Hendrick.....	Walton, N. Y.
John Byron Hull.....	Berlin, N. Y.
Frank A. Husted.....	La Fayetteville, N. Y.
William P. Kelly.....	Pittsfield, Mass.
William Grant Lewi, Ph.G.....	Albany, N. Y.
William Alexander Liddle.....	Amsterdam, N. Y.
Howard Eaton Lomax.....	Albany, N. Y.
Charles Harrison Loveland.....	Wevertown, N. Y.
Elmer Ellsworth Martin.....	Greenbush, N. Y.
Duncan McNab, Jr.....	Troy, N. Y.
Frederick Ammi Mead.....	Gloversville, N. Y.
Charles Benjamin Mosher.....	Johnstown, N. Y.
Leo Händel Neuman.....	Albany, N. Y.
Charles LaMont Parker.....	Camillus, N. Y.

NAME.	RESIDENCE.
Chauncey Adams Patterson	Walton, N. Y.
Harry Seymour Pearse	Albany, N. Y.
La Rose Rancour	Albany, N. Y.
Elmer Ellsworth Reichard	East Schodack, N. Y.
Smith Malon Roods	Saratoga Springs, N. Y.
Walter Buskirk Rossman	Albany, N. Y.
Charles Robert Seymour	Binghamton, N. Y.
Ira Earnest Shaffer	Rhinebeck, N. Y.
Willard Hamilton Sweet	Petersburgh, N. Y.
David Lewis Taylor	Oneonta, N. Y.
Franklin Stuart Temple	Boston, Mass.
Clement Frank Theisen	Albany, N. Y.
Lansing Van Auken, A. B.	West Troy, N. Y.
Clarence David Vrooman	Cockburn, N. Y.
Franklin George Warner	Glens Falls, N. Y.
Alfred George Wilding	Malone, N. Y.
Frederic Allen Williams	Rock Ledge, Fla.



MEDICAL STUDENTS' EXAMINATIONS.

LAWS OF 1889, CH. 468, AS AMENDED BY LAWS OF 1890, CH. 499.

To provide for the preliminary education of medical students :

§ 1. Before the regents of the University of the State of New York or the trustees of any medical school or college within this state shall confer the degree of doctor of medicine on any person, they shall require him to file with the secretary or recording officer of their university or college a certificate signed by the secretary of the University of the State of New York showing either that he possesses the degree of bachelor or master of arts, of bachelor or master of science, or of bachelor or doctor of philosophy received by him from a college or university duly authorized to confer the same, or that during or prior to the first year of his medical study within this state, he passed an examination conducted under the authority of the regents of the University of the State of New York or by the faculty of a medical school or college entitled to confer the degree of doctor of medicine, in accordance with the standard and rules of the said regents in arithmetic, grammar, geography, orthography, American history, English composition, and the elements of natural philosophy; or in their substantial equivalents approved by the said regents, or that he possessed qualifications which the regents considered and accepted as fully equivalent to the above-named qualifications.

§ 2. This act shall not apply to persons who have already entered upon the prescribed three years' study of medicine;* nor shall it alter the time of study or the courses of medical instruction required to be pursued in the medical colleges of this state by existing statutes.

NOTES ON THE LAW.

1. The medical student certificate must be obtained during or prior to the first year of medical study in this state.

2. The regents will accept as "substantial equivalents" the following:

(a) A certificate of having successfully completed a full year's course of study in any college or university under the supervision of the regents of the University, or registered by the regents as maintaining a satisfactory standard.

(b) A certificate of having satisfactorily completed a three years' course in any institution subject to the visitation of the regents, or registered by the regents as maintaining a satisfactory academic standard.

(c) A certificate of having passed in a registered institution examinations equivalent to the first year in college or to the three years' academic course.

(d) A certificate of having passed the examinations preliminary to the study of medicine, required by the present medical act of Canada.

(e) A certificate of having passed the matriculation examinations of any university in Great Britain or Ireland.

(f) A regents' diploma.

(g) Regents' pass cards for any 20 counts not including reading and writing.

To secure exemption from examination the candidate must be a graduate of a college or university "registered by the regents as maintaining a satisfactory standard." This register includes schools and colleges in other states and countries as well as those in New York, but excludes institutions, wherever situated, which take the name college or university when the real grade of work done is lower.

EXTRACTS FROM RULES.

Printed question papers will be issued from the regents' office for each examination. Answers must be written in ink on both sides of letter paper, and arranged and numbered in the same order as the questions. Candidates should bring pen and ink. Paper and blotters will be supplied.

Seventy-five per cent of correct answers is required in all subjects.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted, pass cards will be issued.

Pass cards.—A regents' pass card is not limited in time; therefore it is not necessary to pass any regents' examination a second time.

To insure success, candidates should have a thorough knowledge of the whole of a standard school text-book on each required subject, including the metric system, but not cube root in elementary arithmetic.

Medical student certificate.—When all requirements are fulfilled, the regents grant a medical student certificate.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

* Prior to June 13, 1889.

Candidates for the law or medical student examinations should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Candidates who fail to send this advance notice will be admitted only so far as there are unoccupied seats.

Certificates without examinations.—Candidates having the degree of B. A., M. A., B. S., M. S., Ph.B. or Ph.D., or having other credentials which can be accepted in place of an examination, should send them to the Examinations department. They will be returned as soon as verified, and if accepted, a law or medical student certificate will be sent with them. The certificate will be dated from receipt of credentials, so that the candidate will lose no time.

Communications.—All communications should be addressed to Examinations Department, University of the State of New York, Albany, N. Y.

CALENDAR OF REGENTS' EXAMINATIONS

For the academic years 1892-1895.

	Sept.	Nov.		Jan.	Mch.	June
1892	27-29	21-23	1893	23-27	13-17	12-16
1893	26-28	27-29	1894	22-26	12-16	11-15
1894	25-27	26-28	1895	21-25	11-15	10-14

NOTE—September examinations will be held at the Albany Medical College for medical and law students only, and also in New York, Brooklyn, Syracuse and Buffalo. Other examinations will be held at different points throughout the state. Particulars concerning these examinations may be obtained by addressing Examinations Department, University of the State of New York, Albany, N. Y.

STATE MEDICAL EXAMINATIONS FOR LICENSE TO PRACTICE MEDICINE IN THE STATE OF NEW YORK.

By the laws of New York, 1890, chapter 507, section 9:—“On and after the first day of September, 1891, no person not theretofore a legally authorized practitioner of medicine and surgery, under the laws of this state then in force, shall practice medicine or surgery in this state, unless that person shall have received from the regents of the University, after examination and approval, as herein provided, a license to practice as a physician and surgeon, and unless said license shall have been registered as required under the provisions of chapter 647 of the laws of 1887.”

The following are the requirements for license to practice medicine in this state, by authority of the statute quoted above:

1. The regents' medical student certificate as evidence of proper preliminary education.
2. Evidence that the applicant is over twenty-one years of age.
3. Certificates of moral character from two legally licensed physicians.
4. A diploma conferring the degree M. D. from some legally incorporated medical college in the United States, or a diploma or license conferring the right to practice medicine and surgery in the country in which it was granted.
5. Evidence that the applicant has studied medicine three years, including *three* courses of lectures in different years, in some legally incorporated medical college or colleges. No two of the above three courses of lectures may begin or end in the same calendar year.
6. The candidate must pass examinations in anatomy, physiology and hygiene, chemistry, surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica. “In the department of therapeutics, practice and materia medica, the questions shall be in harmony with the tenets of the school selected by the candidate.”
7. A fee of \$25, payable in advance.

NOTES ON THE LAW.

1. Seventy-five per cent of correct answers is required in all subjects.
2. All subjects must be passed at the same examination.
3. All examinations must be conducted in the English language.
4. Medical preparatory courses, as such courses are now taught in various scientific schools and colleges, cannot be accepted for one year of the three years' medical study required by the law.

UNIVERSITY OF THE STATE OF NEW YORK.

MEDICAL EXAMINATIONS.

During the year 1892 and 1893 examinations for license to practice medicine in this state will be held as follows:

		TIMES.	PLACES.
1892	September	27-30	New York City.
	November	22-25	Albany, high school building.
1893	January	24-27	Syracuse, high school building.
	March	14-17	Buffalo, high school building.
	May		
	June	13-16	

DAILY PROGRAM.

	9:15 a. m. — 12:15 p. m.	1:15 p. m. — 4:15 p. m.
<i>Tuesday</i>	Anatomy	Physiology and hygiene.
<i>Wednesday</i>	Chemistry	Surgery.
<i>Thursday</i>	Obstetrics	Pathology and diagnosis.
<i>Friday</i>	Therapeutics	

POWERS AND DUTIES OF COUNTY CLERKS IN REGISTERING LICENSES TO PRACTICE MEDICINE IN NEW YORK STATE.

For convenience of county clerks the following summary of the laws has been made:

1. The University of the State of New York is the only organization having authority to issue licenses to practice medicine in this state after September 1, 1891.

These licenses must be registered by county clerks, on application. (*Laws of New York* 1890, ch. 507, §§ 8, 9.)

2. Licenses issued before September 1, 1891, can be registered only as follows:

(a) A diploma granting the degree M. D. issued before September 1, 1891, by an incorporated medical college in this state is a license to practice medicine and must be registered on application. (*Laws of New York* 1889, ch. 647, § 2.)

(b) A diploma granting the degree M. D. from a medical college out of the state, or a license to practice medicine in some foreign country, can be registered only if it was endorsed between June 18, 1880, and June 24, 1890, by an incorporated medical college of the state of New York or by the University of the State of New York, or if between June 24, 1890, and September 1, 1891, it was endorsed by the University of the State of New York. (*Laws of New York* 1880, ch. 513, § 4; 1887, ch. 647, § 2; 1890, ch. 500.)

3. Students who had matriculated in a New York state medical college prior to June 5, 1890, and had not received the degree M. D. prior to September 1, 1891, to be exempt, must have filed a certificate with the University of the State of New York before August 4, 1891. (*Laws of New York* 1891, ch. 311.)

Licenses of such candidates may be registered as follows:

(a) A diploma granting the degree M. D. from a New York state medical college issued after September 1, 1891, can be registered on presentation of a certificate from the secretary of the University of the State of New York that the applicant had matriculated in some medical college of the state prior to June 5, 1890. (*Laws of New York* 1891, ch. 311.)

(b) A diploma granting the degree M. D. from a medical college not in the state or license to practice in a foreign country, if endorsed by the University of the State of New York, can be registered on presentation of a certified copy of a certificate filed with the secretary of the University of the State of New York that the applicant had matriculated in some medical college of the state prior to June 5, 1890. (*Laws of New York* 1891, ch. 311.)

All diplomas issued by medical colleges in this state prior to January 1, 1880, which are presented for registration after this date, should be referred to the University of the State of New York for examination before being registered.

MELVIL DEWEY,
Secretary of the University.

ASSOCIATION OF THE ALUMNI OF THE ALBANY
MEDICAL COLLEGE.

INCORPORATED FEBRUARY 6TH, 1874.

THIS association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates 1961. Names and addresses upon the roll, 1152. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

OFFICERS FOR 1892.

President — Dr. SAMUEL H. FREEMAN ('46), Albany, N. Y.

Vice-Presidents —

Dr. CHARLES B. TEFFT ('64), Utica, N. Y.

Dr. ADAM T. VAN VRANKEN ('75), West Troy, N. Y.

Dr. FRANKLIN P. BEARD ('75), Cobleskill, N. Y.

Dr. FRANK G. SEAMAN ('81), Seneca Falls, N. Y.

Dr. RICHARD F. DUNCAN, ('89), Pleasant Valley, N. Y.

Recording Secretary — Dr. WILLIS G. TUCKER ('70), Albany, N. Y.

Corresponding Secretary — Dr. CHARLES M. CULVER ('81), Albany, N. Y.

Treasurer — Dr. SELWYN A. RUSSELL ('77), Poughkeepsie, N. Y.

Historian — Dr. EZRA A. BARTLETT ('79), Albany, N. Y.

Executive Committee —

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Dr. LORENZO HALE ('68), Albany, N. Y.

Dr. JOSEPH D. CRAIG ('84), Albany, N. Y.

Dr. THOMAS H. WILLARD ('87), New York.

Dr. DANIEL H. COOK ('73), Albany, N. Y.

Dr. WILLIAM J. NELLIS ('79), Albany, N. Y.

Dr. CHARLES C. DURYEE ('81), Schenectady, N. Y.

Dr. ROBERT F. MACFARLANE ('88), Long Island City, N. Y.

Dr. WILLIAM L. ALLEN ('81), Greenbush, N. Y.

Dr. ROBERT BABCOCK ('84), Albany, N. Y.

Dr. HERMAN BENDELL ('62), Albany, N. Y.

Dr. HENRY E. MERENESS ('74), Albany, N. Y.

together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex-officiis*.

The next annual meeting will be held in the college building on Wednesday, April 26, 1893. The Alumni dinner will take place in the evening. So far as their addresses can be ascertained, all graduates of the college are notified of the annual meeting through the mail. Those who do not receive such notice regularly, are requested to furnish the recording secretary with their addresses, and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. S. A. Russell, Treasurer, Hudson River State Hospital, Poughkeepsie, N. Y.

SAMUEL H. FREEMAN, M.D., *President*.

WILLIS G. TUCKER, M.D., *Rec. Sec'y*,

Albany Medical College, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.
DEPARTMENT OF PHARMACY, UNION UNIVERSITY.

SESSION OF 1892-93.

THIS department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The twelfth course of lectures will open on Monday, October 3, 1892, and close March 14, 1893. The exercises of the college are held in the Albany Medical College building on Eagle street.

The following constitute the faculty:

WILLIS G. TUCKER, M.D., Ph.D., F.C.S., President,

Professor of Chemistry.

ALFRED B. HUESTED, M.D., Ph.G., Secretary,

Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph.G.,

Professor of Pharmacy.

FRANK P. HUESTED, Ph.C.,

Director of Pharmaceutical Laboratory.

The course extends over two years, divided into junior and senior classes, composed of first and second year students respectively. Three or more lectures are delivered to each class each week besides laboratory classes and other exercises. Senior lectures on Monday, Wednesday and Friday evenings, and junior lectures on Tuesday and Thursday evenings and Saturday afternoons. Candidates for the degree of *Graduate in Pharmacy (Ph.G.)* must attend two full courses of lectures, be at least twenty-one years of age, submit a thesis and pass the required examinations. They must also have served at least four years with some reputable pharmacist. Fees: Matriculation fee (paid but once), \$3.00; lecture tickets for full course (with no charge for courses after the second), per session, \$30.00; chemical and pharmaceutical laboratory fees, each \$15.00; quiz class fee, \$3.00; graduation fee, \$10.00. Various prizes are awarded to meritorious students at the close of the term. The college is now better equipped than ever before to impart thorough instruction in pharmacy and its kindred branches.

For catalogues or further information, address

ALFRED B. HUESTED, M.D., *Secretary,*

144 State St., Albany, N. Y.

UNION COLLEGE.

THE college offers to students courses leading to the degrees of A.B., B.S., Ph.B., B.E.; also eclectic and post-graduate courses. There is also a department of physical training.

Union College students have the privilege of attending the medical lectures of the Albany Medical College without expense, and matriculation is granted to Union College graduates without examination.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismissal and pass satisfactory examination.

The fee for tuition and room is \$30 a term, payable in advance, with \$5 for Freshman entrance, \$7 for Sophomore, \$9 for Junior, \$12 for Senior, unless the student comes from another college. Board costs \$3 to \$4 a week. Scholarships exist, yielding some remission on term bill. Commencement occurs always on the fourth Wednesday of June. Fall term of 1892 begins September 15. Entrance examinations are held on the two days preceding any term.

For catalogues, address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF CIVIL ENGINEERING.

The object of this department, which was organized in UNION COLLEGE in 1845, is to give its students such instruction in the theory and practice of CIVIL ENGINEERING as to qualify them for immediate usefulness in the field and office in subordinate relations, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice.

The thoroughness and completeness of the course of instruction, the unsurpassed excellence of its illustrative apparatus, the opportunities and arrangements for field practice, the moderate charges (\$30 per term), and the fact that students have access without further charge to the teachings of the other departments, commend the course to those contemplating the engineering profession.

For circular, or specific information, address

Prof. CHARLES C. BROWN,
Schenectady, N. Y.

DUDLEY OBSERVATORY, ALBANY.

This department of Union University was reorganized in the summer of 1876. The buildings and scientific apparatus of the observatory constitute an effective equipment for purposes of astronomical investigation, in which it is constantly employed.

Visitors are admitted only on Tuesday evenings, from 8 to 10 o'clock, and on passes obtainable from members of the Board of Trustees.

DIRECTOR—Prof. LEWIS BOSS, A.M.

ALBANY LAW SCHOOL.

 DEPARTMENT OF LAW OF UNION UNIVERSITY.

FACULTY.

 HARRISON E. WEBSTER, LL.D.,
 PRESIDENT OF THE UNIVERSITY.

 HON. WILLIAM L. LEARNED, LL.D., PRESIDENT
 Professor of Equity Jurisprudence.

 LEWIS B. HALL, Esq.,
 DEAN OF THE LAW SCHOOL,
 Professor of Contracts and Mercantile Law.

 HON. MATTHEW HALE, LL.D.,
 Professor of the Law of Personal Rights and Torts.

 HON. JUDSON S. LANDON, LL.D.,
 Professor of American Constitutional History and Law.

 IRVING BROWNE, Esq.,
 Professor of the Law of Domestic Relations and Criminal Law.

 JAMES W. EATON, Esq.,
 Professor of the Law of Evidence.

 J. NEWTON FIERO, Esq.,
 Professor of Common Law and Code Practice and Pleading.

 EUGENE BURLINGAME, Esq.,
 Professor of the Law of Real Property.

 NATHANIEL C. MOAK, Esq.,
 Lecturer on Judicial Systems, Books and their Uses.

 JAMES F. TRACEY, Esq.,
 Lecturer on the Law of Corporations.

 MAURICE J. LEWI, M.D.,
 Professor of Medical Jurisprudence.

 HAROLD L. HOOKER, Esq.,
 Lecturer on Wills and Administration.

For catalogues and information, address

DEAN OF ALBANY LAW SCHOOL,

Albany, N. Y.

HOSPITALS.

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

ALBANY HOSPITAL.

Howard Street, Corner of Eagle Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M.D., LL.D., SAMUEL H. FREEMAN, M.D.
Consulting Obstetrician.
WILLIAM H. BAILEY, M.D.

Surgeons.

ALBERT VANDER VEER, M.D.,
WILLIAM HAILES, JR., M.D.,
SAMUEL R. MORROW, M.D.

Physicians.

JOSEPH LEWI, M.D.,
JOHN M. BIGELOW, M.D.,
SAMUEL B. WARD, M.D.,
HENRY HUN, M.D.

Obstetrician.

FRANKLIN TOWNSEND, JR., M.D.

Ophthalmic and Aural Surgeons.
CYRUS S. MERRILL, M.D.,
HERMAN BENDELL, M.D.

Diseases of the Skin.

FREDERIC C. CURTIS, M.D.

Diseases of Women.

JAMES P. BOYD, M.D.

Resident Physicians and Surgeons.

WILLIAM S. ACKERT, M.D., WALTER H. CONLEY, M.D.,
SHERWOOD LE FEVRE, M.D., LEO H. NEUMAN, M.D.

ST. PETER'S HOSPITAL.

Corner North Broadway and North Ferry Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M.D., LL.D.,
SAMUEL B. WARD, M.D.,
DANIEL V. O'LEARY, M.D.
Consulting Ophthalmic and Aural Surgeon.
CYRUS S. MERRILL, M.D.

Attending Physicians.

HENRY HUN, M.D.,
T. KIRK PERRY, M.D.,
HOWARD VAN RENSSLAER, M.D.

Laryngoscopy and Throat Diseases.
JOHN M. BIGELOW, M.D.

Ophthalmic and Aural Surgeons.
GEORGE S. MUNSON, M.D.,
THEODORE F. C. VAN ALLEN, M.D.

Resident Physicians and Surgeons.

WILLARD H. SWEET, M.D.

Consulting Surgeons.

ALBERT VANDER VEER, M.D.,
LEWIS BALCH, M.D.

Consulting Obstetric Surgeon.

JAMES P. BOYD, M.D.

Attending Surgeons.

SAMUEL R. MORROW, M.D.,
PATRICK J. KEEGAN, M.D.,
WILLIAM HAILES, JR., M.D.
JOHN V. HENNESSY, M.D.

Obstetric Surgeons.

FRANKLIN TOWNSEND, JR., M.D.,
JOHN V. HENNESSY, M.D.

Diseases of the Skin.

FREDERIC C. CURTIS, M.D.

EUGENE J. GALLAGER, M.D.

CHILD'S HOSPITAL.

Corner Elk and North Hawk Streets.

Consulting Physician.

THOMAS HUN, M.D., LL.D.

Attending Surgeons.

LEWIS BALCH, M.D.,
SAMUEL R. MORROW, M.D.

Ophthalmic and Aural Surgeon.
CYRUS S. MERRILL, M.D.

Attending Physicians.

THOMAS M. TREGO, M.D.
HENRY HUN, M.D.

Physician to the Dispensary.

HOWARD VAN RENSSLAER, M.D.

COUNTY HOSPITAL.

Physician and Surgeon.
WILLIAM H. MURRAY, M.D.

Resident Physician.
JOHN S. GUINAN.

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1892/93

6/10/1893



Albany Medical College

Announcement

1893-4

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MAYOR OF ALBANY, }
RECORDER OF ALBANY, } *Ex-officiis.*

CATALOGUES are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M.D.,

REGISTRAR ALBANY MEDICAL COLLEGE,

4 Lancaster street. Albany, N. Y.

Medical Department of Union University

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

62d Session, 1892-93

AND

ANNOUNCEMENT FOR SESSION, 1893-94



ALBANY, N. Y.

PRESS OF BRANDOW PRINTING COMPANY

1893
H. A.

FACULTY.

HARRISON EDWIN WEBSTER, LL.D., *President of the University.*

THOMAS HUN, M.D., LL.D., *Dean of the Faculty, and Emeritus Professor of the Institutes of Medicine.*

ALBERT VANDER VEER, M.D., PH.D., *Professor of Didactic, Abdominal and Clinical Surgery.*

MAURICE PERKINS, M.D., *Professor of Chemical Philosophy and Organic Chemistry.*

JOHN MILTON BIGELOW, M.D., PH.D., *Professor of Materia Medica, Therapeutics and Diseases of the Throat and Nose.*

LEWIS BALCH, M.D., PH.D., *Emeritus Professor of Anatomy and Professor of Medical Jurisprudence.*

SAMUEL BALDWIN WARD, M.D., PH.D., *Professor of Theory and Practice of Medicine and Hygiene.*

JAMES PETER BOYD, M.D., *Professor of Obstetrics, Gynecology and Diseases of Children.*

WILLIS GAYLORD TUCKER, M.D., PH.D., REGISTRAR, *Professor of Inorganic and Analytical Chemistry and Toxicology.*

WILLIAM HAILES, M.D., *Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.*

CYRUS STRONG MERRILL., M.D., *Professor of Ophthalmology and Otology.*

FRANKLIN TOWNSEND, JR., M.D., *Emeritus Professor of Physiology.*

FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*

HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*

SAMUEL ROSEBURGH MORROW, M.D., *Professor of Anatomy and Orthopedic Surgery.*

CALENDAR, 1893-94.

1893.

Regular winter session begins	Tuesday, September 26
Election vacation	Monday and Tuesday November 6 and 7
Thanksgiving vacation begins	Wednesday afternoon, November 29
Lectures resumed	Monday, December 4
Christmas vacation begins	Saturday, December 23

1894.

Lectures resumed	Wednesday, January 3
Commencement	Wednesday, April 18

PRELIMINARY EXAMINATION — After September 1, 1876, all students entering this college were required to pass an examination in the ordinary English branches and in the elements of natural philosophy, unless evidence had been presented of a satisfactory preliminary education. The faculty are now relieved of this duty, and heartily approve the existing law applying to all medical colleges in the state, by which the preliminary examination of medical students is placed under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine are advised to apply to the Examinations Department, University State New York, Albany, by letter or otherwise, for information concerning this examination. One of the examinations will be held in Albany, September 26-28, 1893. (For copy of law, with credentials and qualifications accepted by the Regents in place of examination, see pages 22 and 23.)

BI-MONTHLY WRITTEN EXAMINATIONS in all the departments are held during the term. A printed schedule of these examinations is furnished the class.

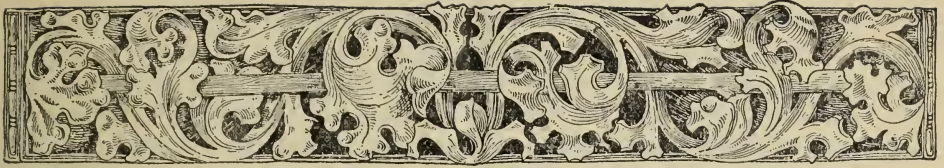
CLINICS.

- TUESDAY — 10 A. M., Albany Hospital (Gynecology) Prof. Boyd.
 3 P. M., Child's Hospital (Surgery), Prof. Morrow.
- WEDNESDAY — 10:45 A. M., Albany (Medical), Prof. Ward.
 12 M., St. Peter's (Surgical), Profs. Hailes and Morrow.
- THURSDAY — 10 A. M., Albany Hospital (Nose and Throat), Prof. Bigelow.
 12 M., Medical College (Dermatology), Prof. Curtis.
- FRIDAY — 12 M., Albany Hospital (Eye and Ear), Prof. Merrill.
 4 P. M., St. Peter's (Neurology), Prof. Hun.
- SATURDAY — 10 A. M., St. Peter's Hospital (Medical), Prof. Hun.
 11:15 A. M., Albany Hospital (Surgical), Prof. Vander Veer.

Clinics in Medicine, Ophthalmology and Orthopedic Surgery at Child's Hospital.

Medical and Surgical Clinics at Albany Hospital for Incurables.

Clinics in Insanity at Marshall Infirmary, Troy.



ANNOUNCEMENT.

1893-4

UNION University includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Civil Engineering at Schenectady.

Beginning with the session of 1890-91, the faculty of the ALBANY MEDICAL COLLEGE adopted a strictly graded three years' course, though, for ten years previous, attendance upon three courses of lectures prior to graduation had been required with a few exceptions, as stated in previous catalogues. No exception to the rule is now made, and *three courses of lectures constitute an essential prerequisite for graduation.* The new curriculum, which went into operation with the session of 1890-91, embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators. The faculty hope to receive the continued encouragement and support of the profession, and particularly of their own alumni, in their earnest endeavor to render their instruction each year more practical and more thorough.

The college building, situated on Eagle street, is well appointed in its lecture-rooms, laboratories, dissecting-rooms and museums. Extensive improvements have been made to the building during the last few years, a large and perfectly arranged dissecting-room having been built in the upper story, furnished with every convenience for the use of the classes in practical anatomy, together with a private dissecting-room and a physiological laboratory. Special arrangements have been made by which an abundant supply of material is secured. The chemical laboratory, rebuilt

in 1884, is fitted with every requisite for the illustration of the lectures and the use of the students in practical chemistry, while "Alumni Hall," constituting the south wing of the college building, was greatly improved and refurnished throughout at about the same time, and is used for the classes in histology and pathological anatomy, and for other college exercises. The anatomical amphitheatre, in which most of the lectures are delivered, is furnished with roomy, comfortable chairs, and the entire building is heated by steam and well ventilated throughout.

The location of the college at Albany is such as to afford superior advantages to the student. The hospitals and dispensaries furnish always an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations, unequaled in their variety and rarity. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby and McNaughton, and the pathological specimens, the Sydenham Society plates on diseases of the skin, and Böck's anatomical models added by Dr. Vander Veer. Also the anatomical preparations and pathological specimens prepared by the late Dr. Haskins.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, County Hospital, together with the Eye and Ear Infirmary and the dispensaries connected with each, are, by the regulations of their governing boards, made available for clinical purposes to the students.

The appointments to positions in the Albany Hospital and St. Peter's Hospital as resident physician and surgeon, and first and second assistants, and in the new Ellis Hospital at Schenectady, are annually made and competed for by members of the graduating class.

COURSE OF INSTRUCTION.

The three years' graded course now required in this college is arranged as follows: The studies of the first year are anatomy and histology, physics, inorganic and organic chemistry, physiology and materia medica, with laboratory work in chemistry and histology, dissection and attendance upon the general medical and surgical clinics. The final examination in inorganic chemistry, histology and materia medica, and an annual examination in organic chemistry, anatomy and physiology are held at the close of this year.

The studies of the second year are anatomy, including topographical anatomy and anatomy of the nervous system, pathological anatomy, physiology, organic chemistry, therapeutics, surgery, practice of medicine, obstetrics and gynecology, with laboratory work in pathological anatomy, practical courses in physical examination, bandaging, etc., and clinics. At the end of this year final examinations are held in organic chemistry, anatomy, pathologi-

cal anatomy, physiology and therapeutics, and annual examinations in the practice of medicine, surgery and obstetrics.

The studies of the third year are practice of medicine, surgery, obstetrics, diseases of children, gynecology, diseases of the nervous system and of the eye, ear, skin, nose and throat, insanity and medical jurisprudence, with practical courses in operative surgery, ophthalmoscopy, etc., clinics and medical and surgical conferences. At the end of this year final examinations are held in practice, surgery, obstetrics and specialties.

Believing that instruction by recitation is as essential in medical as in literary colleges, the faculty have greatly enlarged and extended this department of the teaching in this college. The recitations, which previous to the adoption of the new curriculum had been held during unoccupied hours in the evening, are now made part of the regular curriculum. Every study taught in the college by lectures is also made the subject of recitations, these constituting a part of the regular course of instruction. Outside quiz-classes, with the objectionable system of cramming which such classes encourage, are thus done away with and students saved considerable expense, while the faculty are assured that the recitations are properly conducted and the lectures thoroughly understood.

The order of instruction for the last session was as follows, and that for 1893-4 will be essentially the same.



CATALOGUE OF THE

ORDER OF INSTRUCTION.

FIRST YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9			Histology.			Organic Chemistry.
10		Laboratory work in Chemistry.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Laboratory work in Chemistry.		
11	Materia Medica.				Materia Medica.	11 to 1 Surgical Clinic Alb. Hospital.
12	Chemistry.	Recitation Physiology.	Surgical Clinic St. Peter's.	Anatomy.	Physiology.	
2	Laboratory work in Histology.					
3			Anatomy.	Chemistry.	Anatomy.	
4	Recitation Anatomy.		Physiology.	Recitation Materia Medica.	Organic Chemistry.	
5			Recitation Chemistry.		Recitation Organic Chem.	
8	Dissection.	Dissection.	Dissection.	Dissection.	Dissection.	

Final examinations in Inorganic Chemistry, Histology and Materia Medica.
Annual examinations in Organic Chemistry, Anatomy and Physiology.

SECOND YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Therapeutics.	Fractures and Dislocations.	Therapeutics.	Pathological Anatomy.	Orthopædic Surgery.	Organic Chemistry.
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	Operative Surgery.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart & Lungs.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Diseases of Heart & Lungs.	Theory and Practice.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Anatomy.	Physiology.	
2				Laboratory work in Pathological Anatomy.		
3	Topographical Anatomy.		Anatomy.		Anatomy.	
4	Recitation Physiology.	Recitation Anatomy.	Physiology.	Recitation Therapeutics.	Organic Chemistry.	
5	Practical courses in Physical Examination, Bandaging, etc. Class divided into sections.				Anatomy of Nerv. System.	

Final examinations in Organic Chemistry, Anatomy, Pathological Anatomy, Physiology and Therapeutics, and annual examinations in Surgery, Theory and Practice and Obstetrics.

THIRD YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Diseases of Nerv. Svstem.	Fractures and Dislocations.	Diseases of Children.	Medical Jurisp. and Insanity.	Orthopædic Surgery.	
10	Obstetrics and Gynecology.	Obstetrics and Gynecology.	Operative Surgery.	Surgery.	Obstetrics and Gynecology.	10 to 11 Medical Clinic St. Peter's.
11	Theory and Practice.	Diseases of Heart & Lungs.	10:45 to 11:45 Medical Clinic Alb. Hospital.	Diseases of Heart & Lungs.	Theory and Practice.	11 to 1 Surgical Clinic Alb. Hospital.
12	Surgery.	Surgery.	Surgical Clinic St. Peter's.	Dermatology.	Ophthalmology and Otology.	
3	Recitation Theory & Practice.	Clinic Child's Hospital	Recitations in Specialties.	Recitation Heart & Lungs.	Recitation Surgery.	
4	Surgical Conference.	Recitation Surgerv.	Medical Conference.	Neurological Clinic.	Clinic Nose & Throat.	
5	Practical courses in Operative Surgery, Ophthalmoscopy, etc. Class divided into sections.				Recitation Obstetrics.	

Final examinations in Surgery, Theory and Practice, Obstetrics and Specialties.

OUTLINES OF COURSES.

PRACTICE OF MEDICINE AND HYGIENE.

PROFS. WARD, CURTIS AND HUN.

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens. These lectures are supplemented by study in some standard text-book, and each week the students are examined by Dr. Neuman, on the subject-matter of the lectures of that week.

Hygiene is taught by Prof. Ward in lectures which have special reference to the needs of the general practitioner.

Diseases of the Heart and Lungs. Dr. Van Rensselaer delivers a course of lectures, illustrated with pathological specimens, on this subject, with a recitation each week on the subject-matter of the lectures.

Clinical Medicine. Prof. Ward holds a medical clinic each week, in the amphitheatre of the Albany Hospital, and Prof. Hun holds a medical clinic each week, in St. Peter's or the Child's Hospital, before the senior class. In these clinics the students have opportunities for the personal examination of patients, their examination and diagnosis being criticised by the professor.

Auscultation and Percussion and Physical Examination are taught practically by Dr. Gordinier to the junior class, which for this purpose is divided up into small groups.

Diseases of the Nervous System. Prof. Hun delivers a didactic lecture, and also holds a clinic on this subject each week. At the clinic the senior students are trained practically in the examination of patients and in the method of arriving at a diagnosis. As a preparation to this course Dr. Gordinier delivers to the junior class a lecture each week on the anatomy of the nervous system. These lectures are profusely illustrated by dissections of the central nervous organs, and by charts and plates.

Insanity. Dr. Blumer delivers a course of lectures on this subject and holds clinics at the asylum connected with the alms-house, and at the Marshall Infirmary, Troy.

Diseases of the Skin. Prof. Curtis delivers each week on this subject a lecture which is illustrated by clinical material and the use of plates.

SURGERY.

PROFS. VANDER VEER, HAILES, MERRILL AND MORROW.

In the lectures on surgical pathology, the method by which the tissues are nourished in health having been first discussed, the subjects of hypertrophy and atrophy are taken up, and then full consideration is bestowed upon the pathology of the methods by which wounds heal, and upon the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicæmia,

pyæmia, sapræmia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, for the reason that if students do not become well grounded in it during their college course, they are very unlikely to take it up after becoming occupied with the details of practice. The course on operative surgery, by Dr. MacDonald, is very thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon the cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several well-regulated hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of the diagrams and specimens found in the excellent and complete museums of the college.

The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term the students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject will be treated in a practical manner, a thorough course of lectures being given, in which the various fractures and dislocations will be illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, will be taught in the lecture-room, and followed by clinical instruction at the hospital, senior students being required to examine and diagnose injuries, and to select, prepare and apply the proper dressings for reduction and for the retention of the appliances used.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of the various operations. The eye and ear clinics are held every Friday at noon during the year.

Orthopedic Surgery will be taught by lectures combined with clinical instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

OBSTETRICS, GYNECOLOGY AND DISEASES OF CHILDREN.

PROF. BOYD.

This course will comprise a series of lectures on the science and art of midwifery; on gynecology, and also on the diseases of children. The lectures

will be didactic and clinical. Recitations will be held once a week during the term.

In addition to the regular clinical lectures on gynecology, practical instruction in this department will be given the members of the senior class at the Albany Hospital, the class being divided into sections in order to witness the operations. Provision will be made to enable members of the senior class to attend one or more cases of obstetrics during the term.

CHEMISTRY.

PROFS. PERKINS AND TUCKER.

The course in this department includes lectures upon certain branches of physics — more especially light, heat and electricity — the principles of chemistry with its nomenclature and notation, the non-metals, and metals, with their more important medical compounds, and organic chemistry, including the analysis of urine, toxicology, etc. These lectures are abundantly illustrated throughout. Recitations are held in each department. Practical work in the chemical laboratory is now obligatory and required during the first year.

ANATOMY.

PROF. MORROW AND DRs. CRAIG AND GORDINIER.

The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect during the first year under the direction of the demonstrator and assistant demonstrator of anatomy.

Histology. The course in histology, embryology and pathology, by Prof. Hailes, consists of didactic lectures and recitations, with screen demonstrations, the exhibition of specimens, charts, etc., and practical work in the histological laboratory two hours each week, which is now required during the first year, and in pathological anatomy during the second year.

MATERIA MEDICA.

PROF. BIGELOW AND DR. VAN RENSSELAER.

The lectures on materia medica and therapeutics are illustrated by the exhibition of officinal plants and prints, together with specimens of the various officinal compounds and preparations, and by the presentation of the different means and methods of medication resorted to in the treatment of disease. Special attention is given to the demonstration of the action of therapeutic agents, and to the manner of their administration. Recitations are frequently held; dissertations on remedies are prepared and read by members of the class, and the aim is to furnish a course not only didactic, but also thoroughly practical.

Diseases of the Throat and Nose.—*Prof. Bigelow.* Clinics are held each week by the professor, and the student familiarized with the diseases of these parts, and made acquainted with the various methods in use for the examination and treatment of laryngeal and nasal disorders.

PHYSIOLOGY.

This branch is taught by means of didactic lectures, weekly recitations and experiments, the study being naturally divided into several departments, as physiological chemistry and anatomy, histology, nutrition, comprising digestion, absorption, secretion, the blood and its circulation, the nervous system, etc.

LABORATORIES.

PRACTICAL CHEMISTRY.

The chemical laboratory is well fitted and conveniently arranged for the use of the classes in practical chemistry, and for the illustration of the lectures in the chemical department. The laboratory is open during the entire year. The instruction given is in harmony with the lectures on chemistry delivered during the term, and is so conducted as to secure to the student a practical familiarity with the apparatus, materials, processes and reactions, which are the subjects of his professional study and which are to be employed in his subsequent practice. Each student has a desk and chemicals for his own use, and is supplied with all necessary apparatus. With this practical instruction is combined a study of the principles of theoretical chemistry, chemical notation, nomenclature, etc.

HISTOLOGY AND PATHOLOGICAL ANATOMY.

Important changes and additions have been made in this department, several thousand dollars having been expended in the purchase of new microscopes and auxiliaries, in order that every facility may be furnished for successful work in these branches. The laboratory has been refitted and newly equipped throughout, and furnishes ample accommodations for fifty or more students.

Each student is taught the technique of the microscope, and is instructed in the preparation, cutting, staining and mounting of specimens, and in the structure of the several tissues and organs of the body.

Instruction in pathological histology, including the diagnosis of tumors, examination of the urine, etc., is given each term, and students are instructed in the methods of preparing for microscopical examination the morbid material furnished by the surgical clinics and the autopsies made during the term. Each student will be required to make numerous practical examinations, both microscopical and chemical, of albuminous, diabetic and other

abnormal specimens of urine, and will be required to stain and examine numbers of specimens containing bacteria, until perfectly familiar with the methods employed in staining and demonstrating them.

Special laboratory courses in bacteriology are also provided.

FEES AND EXPENSES.

All fees are payable in advance, and are as follows; For matriculation, five dollars, payable each year; for the year's lectures, one hundred dollars. Students who have attended two courses of lectures at this college will be charged fifty dollars for their third course, but a perpetual ticket entitling to attendance upon three or more courses may be obtained on payment of two hundred dollars in advance. Students who have attended one course of lectures at this or some other accredited medical college will be charged one hundred dollars for their second and fifty dollars for their third course, and those who have attended two courses of lectures elsewhere will be charged seventy-five dollars for their third course in this college. Graduates of this institution have perpetual free admission. Graduates of other medical schools will be admitted upon payment of fifty dollars and the matriculation fee. Dissection, ten dollars, which is required the first year and optional during the other years of the course; dissecting material is free, and there are no incidentals in this department. Courses in the chemical laboratory, in histology, and in pathology, ten dollars each. The graduation fee is twenty-five dollars, which must be paid to the registrar before the candidate can be admitted to an examination.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week, and by clubbing together and boarding themselves students can live comfortably and pleasantly at still lower rates.

PRIZES AND HOSPITAL APPOINTMENTS.

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M. D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professor Vander Veer offers a prize for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize for the second best report of these clinics.

Professor Merrill offers a prize for the best report of the eye and ear clinics.

Professor Townsend offers a prize to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examination in obstetrics.

Professor Bigelow offers prizes for the best dry preparation of the pharynx, larynx and œsophagus, and for the best dry preparation of the nose and nasopharynx.

To the senior student passing the best final examination, Dr. T. W. Nellis (A. M. C., '81), of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C., '82), of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the second year student passing the best final examination.

A. B. Husted (M. D., A. M. C., '63) & Co., of Albany, offer a prize consisting of Gross' complete pocket case of instruments to the first year student passing the best final examination.

At or about the close of each session, vacancies occur in the house staffs of the Albany and St. Peter's Hospitals and the Ellis Hospital, Schenectady, and these are filled by competitive examinations, open to the members of the graduating class.

BOOKS RECOMMENDED.

FOR TEXT BOOKS.

ANATOMY—Gray

HISTOLOGY—Frey, Satterthwaite.....

PATHOLOGICAL ANATOMY—Delafield & Prudden.....

PHYSIOLOGY—Kirke

MAT. MED. AND THERAPEUTICS—Wood, Brunton.....

THROAT AND NOSE—Sajous, Ingals.....

CHEMICAL PHILOSOPHY—Fownes.....

ORGANIC CHEMISTRY—Fownes.....

INORGANIC CHEMISTRY—Clarke's Elements.....

ANALYTICAL CHEMISTRY—Crafts.....

MED. JURISPRUD. AND TOXICOL.—Taylor, Wormley.....

CHEMISTRY OF URINE—Tyson.....

THEORY AND PRACTICE—Loomis.....

DISEASES HEART AND LUNGS—Strümpell.....

HYGIENE—Rohé.....

INSANITY—Clouston.....

DERMATOLOGY—Bulkley, Van Harlingen.....

DISEASES NERVOUS SYSTEM—Dana.....

FRACTURES AND DISLOCATIONS—Hamilton.....

PRIN. AND PRAC. OF SURGERY—Bryant, Roberts.....

SURGICAL PATHOLOGY—Billroth.....

OPERATIVE SURGERY—Smith's Hand-Book.....

SYPHILIS & GEN. URIN. DIS'S.—Van Buren & Keyes.....

SURGICAL DIAGNOSIS—Ranney.....

OPHTHALMOLOGY—Noyes.....

OTOLOGY—Buck.....

OBSTETRICS—Lusk.....

GYNÆCOLOGY—Thomas.....

DISEASES OF CHILDREN—J. Lewis Smith.....

BOOKS RECOMMENDED FOR REFERENCE.

Holden's Osteology, Sharpey and Quain, Weisse, Klein. [Owen.]

Cornil & Ranvier, Ziegler & Wagner.

Landois & Sterling, Yeo, Foster, Sanderson.

Ringer, Hare.

Cohen, Mackenzie.

Witthaus.

Remsen, Rolfe's Clin. Chem.

Fownes, Witthaus, Simon.

Fresenius.

Wharton and Stillé, Woodman and Tidy.

Thudichum, Neubauer and Vogel.

Oslér, Strümpell, Pepper, Vierordt.

Flint.

Parkes, Buck, Wilson.

Blandford and Spitzka.

Duhring.

Gowers.

Stimson.

Gross, Erichsen, Agnew, Gerster, Druitt, Am. Syst. [Surg., Moullins.]

Paget, Green.

Jacobson.

Cooper, Hutchinson. Morrow, Thompson.

Wells, Stellwag, Berry.

Roosa, Burnett, Politzer, Gruber.

Playfair, Parvin, King, Winckel.

Emmet, Pozzi, Mundé, Skene, Winckel.

Cyclopædia Dis. of Children, Goodhart, Henoch

REQUIREMENTS FOR GRADUATION.

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction, after the age of eighteen, during a period of not less than three years (36 months), including time spent in attending lectures, and he must present evidence of having complied with the law concerning preliminary examination.

He must have attended not less than three regular courses of lectures, the last of which must have been at this college. Students who have taken two or more courses of lectures at other accredited medical colleges, desiring to enter the third year (senior) class in this college, must pass an examination in the departments of anatomy, materia medica and therapeutics, physiology and chemistry, unless a satisfactory certificate of having passed a final examination in these branches is presented. Students who have attended one or more courses elsewhere may enter the second year class on passing an examination in inorganic chemistry, histology and materia medica, or on furnishing evidence that such final examinations have been passed at some other accredited medical college. Such entrance examinations will be equivalent to those held at the end of the second and of the first year, respectively, in this college.

He must be of good moral character.

He must pass a satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing and in the order previously stated. (See pages 6 and 7.)

Regular and punctual attendance is required, and certificates of actual attendance given at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M.D., *Registrar*,
4 Lancaster street, Albany, N. Y.

July 1, 1893.



STUDENTS, 1892-93.

THIRD YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Charles Francis Archambeault	Troy	Dr. L. J. Archambeault
Edward J. Bedell	East Greenbush	Drs. Pitts and Van Slyke
John Belcher Beebe	Alford, Mass.	Drs. Beebe and Vander Veer
Edward Moses Bell	Ellenburgh	Drs. Woodward and Magee
John Richard Brazel	Hartford, Conn.	Dr. J. O'Flaherty
Lewis Nye Bump	Winfield	Drs. Vander Veer and Orendorff
Ambrose Guy Byrns	Solsville	Dr. J. I. Scollard
George Taylor Church, A. B.	Saratoga Springs	Dr. C. S. Grant
Edward Gilbert Cox	Albany	Dr. J. W. Cox
Orville Curtis	Ballston	Drs. P. C. Curtis and A. Vander Veer
Herbert Edwin De Freest	Troy	Drs. Vander Veer and B. J. Ward
Robert Edwin Doran	Albany	Dr. A. Vander Veer
Aden Clarence Gates	West Hebron	Drs. Madison and Vander Veer
Robert Alexander Grant	Providence, R. I.	Dr. L. M. Pulsifer
John Sebastian Guinan	Albany	Drs. MacDonald and Keegan
Albert Augustus Guy	Harpersville	Dr. E. Guy
Charles Webster Hamm	Troy	Drs. Wheeler, Lempe and Gordinier
Frederick Peter Hawkins	Albany	Dr. J. M. Bigelow
Amos Wieting Hedden	Syracuse	Dr. A. Vander Veer
Charles Henry Herrick	Sidney Centre	Dr. J. W. Sheffield
LeRoy Frank Hollis	Sandy Creek	Dr. T. J. Crockett
Anselme Ephrem Houle	Cohoes	Dr. G. U. Peltier
Ward Evans Hunt	Little Falls	Drs. Bushnell and Vander Veer
George Herbert Janes	East Brimfield, Mass.	Dr. S. R. Morrow
Thomas Williams Jenkins	Scranton, Pa.	Drs. W. E. Allen and Wm. Hailes
John Jones	Holland Patent	Drs. Hunt and Vander Veer
Fisher M. Joslin	Farlin	Drs. Oliver and MacDonald
William Henry Laughlin	Milltown, N. B.	Dr. J. M. Deacon
Edward Morton Leach	Glen	Drs. Vander Veer and Leach
John Bell Ledlie	Saratoga Springs	Dr. W. G. MacDonald
Patrick Thomas Markey	Schenectady	Drs. Schoolcraft and MacDonald
Charles Edwin Marshall	Cohoes	Drs. Witbeck and Townsend
William McAllaster, Ph.G.	Albany	Dr. Robert Babcock
William James McKown	Albany	Drs. Bigelow and Lempe
Theodule Morisseau	Cohoes	Dr. J. L. Archambeault
Flavius Packer	Smyrna	Dr. F. G. Packer
San Crombie Po	Bassein, Burmah	Drs. Crombie and Vander Veer
Joseph William Racette, B. S.	Joliette, P. Q.	Dr. J. D. Montmarquet
Martin Silas Reid	Voorheesville	Dr. A. M. Oliver
George Lyman Richardson	Montgomery	Dr. F. G. Davignon

NAME.	RESIDENCE.	PRECEPTOR.
Collie John Robinson.....	Northville.....	Drs. D. S. Orton and A. Vander Veer
George Francis Rogan.....	Rochester.....	Dr. F. G. Seaman
John William Russell.....	Seneca Falls.....	Dr. F. G. Seaman
Thomas Addis Ryan.....	Albany.....	Drs. Vander Veer and MacDonald
Walter Brind Sabey.....	Albany.....	Dr. W. L. Purple
Frank Burton Sanford.....	Nicholville.....	Drs. Fortune and Cooper
Arthur Sautter, Ph.G.....	Albany.....	Drs. Ward and La Moure
William Campbell Sebring.....	Saugerties.....	Dr. J. W. Lockwood
Melvin Sheldon.....	Glenco.....	Drs. Allen and Hailes
Joseph Benjamin Swett, Jr.....	Ashburnham, Mass.....	Dr. A. L. Stickney
Robert Hill Tedford, Jr.....	Albany.....	Drs. Tucker, Morrow and Vander Veer
Lucas Grove Tuttle, A. M.....	Troy.....	Drs. McLean and Vander Veer
George Henry Van Gaasbeek.....	Olive.....	Dr. A. Wolven
Louis Van Hoesen.....	Hudson.....	Dr. C. E. Fritts
Fred Dan Vickers.....	Roseboom.....	Drs. S. R. Morrow and W. Gillett
Allison Vroman.....	Albany.....	Dr. J. L. Smith
John Stewart Wade.....	Kortright.....	Dr. G. T. Scott
Percy Gardiner Waller.....	West Troy.....	Dr. L. B. Rulison
William Warner Wentworth, A. B.....	Pittsfield, Mass.....	Drs. Wentworth & Vander Veer

SECOND YEAR.

George Hatch Beebe.....	Alford, Mass.....	Drs. Beebe and Vander Veer
Charles Bernstein.....	Howe's Cave.....	Drs. Hailes and Griffin
Joseph Barton Betts.....	Cropseyville.....	Dr. T. L. St. John
Montgomery Paulison Biggam.....	Charleston.....	Drs. Peddie and Vander Veer
Henry Ward Briggs, A. B.....	Schenectady.....	Drs. Boyd and Lochner
George Brookins.....	Johnstown.....	Dr. J. E. Burdick
James Burton.....	Albany.....	Dr. H. E. Mereness
Arthur John Capron.....	Albany.....	Drs. Bigelow and Capron
William Wesley Clark.....	Barton.....	Dr. W. E. Johnson
Robert Nelson Clemons.....	Dresden Station.....	Dr. J. P. Newton
Charles Higgins Cole.....	Waterford.....	Drs. E. Zeh and C. E. Davis
John Henry Cotter.....	Clinton Corners.....	Dr. J. H. Cotter
Francis Joseph Crummev, B. S.....	Albany.....	Dr. A. Vander Veer
Erwin James Cusack.....	Fulton.....	Drs. Green and Hall
Otis H. Deck.....	Deck.....	Dr. H. H. Green
Alfred Desrochers.....	St. Jacques, Canada.....	Dr. J. D. Montmarquet
William Henry George.....	Albany.....	Drs. Townsend and Brierley
Walter C. Gilday.....	Cherry Valley.....	Drs. Merritt and Baker
Walter Wesley Goddard.....	Cohoes.....	Drs. Featherstonhaugh and Kathan
George William Goodell.....	Mexico.....	Dr. G. P. Johnson
Eugene Howard Goodfellow.....	Gloversville.....	Dr. John Edwards
Wilfred Silvester Hale.....	Albany.....	Dr. L. Hale
Owen Elon Jones.....	Frankford.....	Drs. Blakely and Lehr
Timothy Matthew Kane.....	Albany.....	Dr. G. H. Houghton
Fred Tompkins Kenyon.....	Oak Hill.....	Dr. George Conkling
Charles Ten Eyck La Moure.....	Albany.....	Dr. J. M. Bigelow
William Michael Leavy.....	Albany.....	Dr. W. Hailes

NAME.	RESIDENCE.	PRECEPTOR.
Stephen Madatian Long, B. A	Albany	Drs. Lempe and McAllister
Harry Warner Luchsinger	Glendale, Mass.	Drs. Miller and Vander Veer
John Roddy Mahan	Troy	Drs. Bontecou and Meredith
Ralph McCune	Stamford	Drs. Calhoun and Churchill
John Rankin McElroy	Forest Port	Drs. Parkman and Hailes
John Francis McGarrahan	Cohoes	Dr. J. H. Mitchell
George B. McGraw	Glens Falls	Drs. Thomson and Hailes
James Manning Moore	Albany	Dr. C. H. Moore
Bernard Edward Mulligan	Albany	Drs. Ward and Fiske
Francis Patrick O'Brien	Fort Edward	Dr. W. B. Melick
Ellwood Oliver	Slingerlands	Drs. Case and Hailes
James Timothy Park	Vaughns	Drs. Barnes and Vander Veer
Walter Kendrick Quackenbush	Cohoes	Drs. Haynes and Greenman
Andrew Jackson Rogan	West Troy	Drs. Zeh and Rulison
Jesse Thomas Ryan	Syracuse	Dr. F. J. Kaufman
Thomas Conant Sawyer	Auburn	Drs. Ward and Sawyer
Ralph Sheldon	Lyons	Dr. A. F. Sheldon
Fred Byron Stellwagen	Albany	Drs. Rulison and Smeltzer
John Archibold Stevenson	Troy	Drs. Lempe and Goudie
Charles Rodman Townsend	Lansingburgh	Drs. Lempe and Magee
Charles Howard Travell, A. B.	Troy	Drs. W. Akin and C. McBurney
Fred Phillips Van Denbergh	Troy	Drs. Waldo and Buchanan
Earl Wadsworth Wilcox	Earlville	Dr. O. B. Wilcox

FIRST YEAR.

John Marble Allen	Madison	Dr. A. R. Nicholson
Edwin Van Gaasbeek Baldwin	Albany	Dr. W. Hailes
William Henry Barrett	Adams, Mass.	Dr. O. J. Brown
Fred Rowland Beeny	Albany	Albany Medical College
William Philip Bernard	West Troy	Dr. Willis G. Tucker
William Irving Brandow	Albany	Dr. M. Keenan
Archibald Buchanan, Jr.	Troy	Dr. C. B. Herrick
Charles Sylvester Butler	Ouquaga	Dr. A. J. Butler
Theodore James Clark	Woodbury, Conn.	Dr. H. S. Karmann
Thomas Michael Clarke	Springfield, Mass.	Dr. W. M. E. Miller
Frederick William Cordes	Hoosick Falls	Dr. M. J. Zeh
Charles Gartner, Ph.G.	Luzerne	Dr. M. J. Zeh
Archibald Gilbert, Ph.G.	Albany	Drs. Hailes and Dwyer
Harry Du Bois Goetchius	Poughkeepsie	Drs. Powell and Payne
Sherwood Ackler Haggerty	Litchfield	Dr. M. W. Brown
Dorr William Hardy	Winchester	Dr. W. H. Leonard
Fred William Harris	Warrensburgh	Dr. W. D. Aldrich
William Thomas Hudson	Auburn	Dr. C. Sawyer
Frank Harry Hurst	Guilderland Centre	Dr. W. G. MacDonald
Frank Gale Hyde	Troy	Dr. R. F. Benson
Arthur Many Johnson, A. M.	Binghamton	Dr. J. W. Cobb
Garrett Vander Veer Johnson	Schenectady	Dr. E. P. Van Epps
Thomas Bassett Keyes	Oneonta	Dr. J. H. Van Rensselaer

NAME.	RESIDENCE.	PRECEPTOR.
Durand Reed Kinloch	Troy	Dr. J. H. Bissell
Everett Starke Kinloch	Troy	Dr. J. H. Bissell
Adelard Laurion	Joliette, P. Q.	Dr. J. C. E. Daunais
Louis Oscar Le Sieur	Gentilly, Can.	Dr. E. N. Fugiere
James Peter McGrath, Ph. G.	Liberty	Dr. M. J. Dwyer
Howard William Murphy, Ph. B.	Albany	Dr. A. Vander Veer
Charles Leonard Myers	Rome	Dr. G. H. Houghton
Lewis Richmond Newton	Bennington, Vt.	Dr. W. C. Hollister
Philip Hovhannes Panossian	Asia Minor	Dr. G. G. Lempe
Samuel Pashley	South Hartwick	Dr. C. S. Arnold
Edward Ferguson Pickford, B. A.	Schenectady	Drs. Schoolcraft and Lochner
Francis Xavier Pidgeon	Oswego	Dr. M. J. Dwyer
Lee Pultz	Stanfordville	Dr. M. T. Pultz
Philip Garret Radley	Amsterdam	Dr. W. H. Robb
William Hugh Rankin	Troy	Dr. D. W. Houston
William Monroe Rapp	Hurstville	Dr. G. A. Williams
Fred John Resseguie	Northville	Drs. J. F. and C. R. Blake
Arthur Thayer Robinson	Munson, Mass	Dr. G. E. Fuller
William Alpheus Roche	New Lebanon	Dr. P. Flanagan
James George Rodger, B. A.	Hammond	Dr. D. R. Rodger
Thomas Avery Rogers	S. Shaftsbury, Vt.	Dr. J. A. Spangler
Fred Sauerbrie	Clarksville	Dr. G. G. Lempe
Reed Alonzo Sauter, Ph. G.	Schenectady	Dr. H. V. Mynderse
Otto Scholz, Jr.	Albany	Dr. E. Van Slyke
George Eugene Schoolcraft	Albany	Dr. J. L. Schoolcraft
Daniel Joseph Shay	Saratoga Springs	Dr. M. E. McGrath
Leonard Gove Stanley	West Troy	Drs. Pitts and Bendell
Richard Llewellyn Stoddard	Lowville	Dr. J. G. Hunt
Harold Bishop Stowell	Watertown	Dr. O. O. Stowell
Herbert Nichols Tanner	Lebanon Spgs.	Drs. G. D. Wight & M. J. Dwyer
Charles Haverly Turner	Berne	Dr. W. E. Deitz
Richard Fletcher Van Heusen	Albany	Dr. Willis G. Tucker
William James Wansbro	Albany	Dr. B. U. Steenberg
Charles Edward Weidman	Gallupville	Dr. O. H. Snyder
John Carter Wilber	Schoharie	Dr. D. M. Leonard
John Archibald Wilder	Hoosick Falls	Dr. H. C. Gordinier
Howell Roland Wood	Auburn	Drs. Baker and Sawyer
Thomas Goldsmith Wright	Troy	Dr. J. B. Harvie
Jerome Edward Young	Lansingburgh	Dr. Willis G. Tucker

SUMMARY.

Third Year Class	59
Second Year Class	50
First Year Class	62
Total	171

GRADUATES OF 1893.

COMMENCEMENT EXERCISES HELD AT HARMANUS BLEECKER HALL,
WEDNESDAY, APRIL 26, 1893.

NAME.	RESIDENCE.
Edward J. Bell	East Greenbush, N. Y.
John Belcher Beebe	No. Egremont, Mass.
Edward Moses Bell	Ellenburgh, N. Y.
Lewis Nye Bump	Winfield, N. Y.
Edward Gilbert Cox	Albany, N. Y.
Orville Curtis	Ballston Centre, N. Y.
Herbert Edwin De Freest	Troy, N. Y.
Robert Edwin Doran	Albany, N. Y.
Aden Clarence Gates	West Hebron, N. Y.
Robert Alexander Grant	Providence, R. I.
John Sebastian Guinan	Albany, N. Y.
Augustus Albert Guy	Harpersville, N. Y.
Charles Webster Hamm	Troy, N. Y.
Amos Wieting Hedden	Syracuse, N. Y.
Charles Henry Herrick	Sidney Centre, N. Y.
LeRoy Frank Hollis	Sandy Creek, N. Y.
Anselme Ephrem Houle	Cohoes, N. Y.
Ward Evans Hunt	Little Falls, N. Y.
George Herbert Janes	East Brimfield, Mass.
Thomas Williams Jenkins	Scranton, Pa.
John Jones	Holland Patent, N. Y.
Fisher M. Joslin	Voorheesville, N. Y.
William Henry Laughlin	Milltown, N. B.
Edward Morton Leach	Glen, N. Y.
John Bell Ledlie	Saratoga Springs, N. Y.
Patrick Thomas Markey	Schenectady, N. Y.
Charles Edwin Marshall	Cohoes, N. Y.
Theodoule Morisseau	Cohoes, N. Y.
Flavius Packer	Smyrna, N. Y.
San Crombie Po	Bassein, Burmah.
Joseph William Racette, B. S.	Joliette, Canada.
Martin Silas Reid	Voorheesville, N. Y.
George Lyman Richardson	Syracuse, N. Y.
Collie John Robinson	Northville, N. Y.
George Francis Rogan	Rochester, N. Y.
John William Russell	Seneca Falls, N. Y.
Thomas Addis Ryan	Albany, N. Y.

NAME.	RESIDENCE.
Walter Brind Sabey	Albany, N. Y.
Frank Burton Sanford	Nicholville, N. Y.
William Campbell Sebring	Saugerties, N. Y.
Melvin Sheldon.....	Glenco, N. Y.
Joseph Benjamin Swett, Jr.....	Ashburnham, Mass.
Robert Hill Tedford, Jr.....	Albany, N. Y.
Lucas Grove Tuttle, A. M.....	Troy, N. Y.
George Henry Van Gaasbeek	Olive, N. Y.
Louis Van Hoesen.....	Hudson, N. Y.
Fred Dan Vickers.....	Roseboom, N. Y.
John Stewart Wade.....	Kortright, N. Y.
Percy Gardiner Waller.....	West Troy, N. Y.
William Warner Wentworth, A. B.....	Pittsfield, Mass.



MEDICAL STUDENT EXAMINATIONS.

FROM LAWS OF 1893, CH. 661.

To provide for the preliminary education of medical students:

The degree of bachelor or doctor of medicine shall not be conferred in this state before the candidate has filed with the institution conferring it, the certificate of the regents that three years before the date of the degree, or before or during his first year of medical study in this state, he has either graduated from a registered college, or satisfactorily completed not less than a three years' academic course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or had passed regents' examinations in arithmetic, elementary English, geography, spelling, United States history, English composition and physics. Students who had matriculated in a New York medical school before June 5, 1890, shall be exempt from this preliminary education requirement, provided the degree be conferred before August 1, 1895.

NOTES ON THE LAW.

1. The medical student certificate must be obtained during or prior to the first year of medical study in this state.

2. The regents will accept as fully equivalent to the required academic course any one of the following:

(a) A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(b) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed three years' academic course.

(c) Regents' pass cards for any 50 counts.

NOTE.—Students matriculated in a registered medical school before May 9, 1893, may offer regents' pass cards for any 20 counts, not including reading and writing.

(d) A certificate of having passed the matriculation examinations of any university in Great Britain or Ireland, or of having completed a course of study recognized as an equivalent therefor.

(e) A certificate of graduation from any registered gymnasium in Germany, Austria or Russia.

(f) A certificate of successful completion of a course of five years in a registered Italian *ginnasio* and three years in a *liceo*.

(g) The bachelor's degree in arts or science, or substantial equivalents from any registered institution in France or Spain.

(h) Any credential from a registered institution or from the government in any foreign state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

EXTRACTS FROM RULES.

Printed question papers will be issued from the regents' office for each examination. Answers must be written in ink on both sides of letter paper, and arranged and numbered in the same order as the questions. Candidates should bring pen and ink. Paper and blotters will be supplied.

Seventy-five per cent of correct answers is required in all subjects.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted, pass cards will be issued.

Pass cards.—A regents' pass card is not limited in time; therefore it is not necessary to pass any regents' examination a second time.

To insure success, candidates should have a thorough knowledge of the whole of a standard school text-book on each required subject, including the metric system, but not cube root in elementary arithmetic.

Medical student certificate.—When all requirements are fulfilled, the regents grant a medical student certificate.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Candidates for medical student examinations should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Candidates who fail to send this advance notice will be admitted only so far as there are unoccupied seats.

Certificates without examinations.—Candidates having credentials which can be accepted in place of an examination, should send them to the Examinations department. They will be returned as soon as verified, and if accepted, a medical student certificate will be sent with them. The certificate will be dated from receipt of credentials, so that the candidate will lose no time.

Communications.—All communications should be addressed to Examinations Department, University of the State of New York, Albany, N. Y.

CALENDAR OF REGENTS' EXAMINATIONS.

For the academic years 1893-1895.

	Sept.	Nov.		Jan.	Mch.	June
1893	26-28	27-29	1894	22-26	12-16	11-15
1894	25-27	26-28	1895	21-25	11-15	10-14

NOTE.—September examinations will be held at the Albany Medical College for medical and law students only, and also in New York, Brooklyn, Syracuse and Buffalo. Other examinations will be held at different points throughout the state. Particulars concerning these examinations may be obtained by addressing Examinations Department, University of the State of New York, Albany, N. Y.

REQUIREMENTS FOR LICENSE TO PRACTICE MEDICINE IN NEW YORK STATE.

All requirements for admission should be completed at least one week before examinations. They are as follows:

1. Evidence that applicant is more than 21 years of age.
2. Certificates of moral character from not less than two physicians in good standing (Form 2).

3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state (medical student certificate).

First exemption: "Students who had matriculated in a New York medical school before June 5, 1890, shall be exempt from this preliminary education requirement, provided the degree be conferred before August 1, 1895." (Form for exemption certificate furnished on application.)

4. Evidence that applicant "has studied medicine not less than three full years, including three satisfactory courses, in three different academic years, in a medical school registered as maintaining at the time a satisfactory standard."

Second exemption: "The regents may in their discretion accept as the equivalent for any part of the 3d and 4th requirement, evidence of five or more years' reputable practice of medicine, provided that such substitution be specified in the license."

5. Evidence that applicant "has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full right to practice medicine in some foreign country."

6. The candidate must pass examinations in anatomy, physiology and hygiene, chemistry, surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica. The questions "shall be the same for all candidates, except that in therapeutics, practice and materia medica all the questions submitted to any candidate shall be chosen from those prepared by the board selected by that candidate and shall be in harmony with the tenets of that school as determined by its state board of medical examiners."

Third exemption: "Applicants examined and licensed by other state examining boards registered by the regents as maintaining standards not lower than those provided by this article, and applicants who matriculated in a New York state medical school before June 5, 1890, and who receive the degree M.D. from a registered medical school before August

1, 1895, may without further examination, on payment of \$10 to the regents and on submitting such evidence as they may require, receive from them an indorsement of their licenses or diplomas conferring all rights and privileges of a regents' license issued after examination."

7. A fee of \$25, payable in advance.

NOTES ON THE LAW.

1. Seventy-five per cent of correct answers is required in all subjects.

2. All subjects must be passed at the same examination.

NOTE — When a candidate for license has been rejected in but *one* topic and his total average is above 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

4. Medical preparatory courses, as such courses are now taught in various scientific schools and colleges, cannot be accepted for one year of the three years' medical study required by the law.

MEDICAL EXAMINATIONS.

Examinations for license to practice medicine in this state will be held as follows:

DATES.			PLACES.
1893	1894	1895	
Apr. 11-14	Jan. 23-26	Jan. 22-25	New York, 21 Cooper Union.
May 16-19	Apr. 3-6	Apr. 2-5	Albany Medical College.
June 20-23	May 15-18	May 14-17	Syracuse Medical College.
July 11-14	June 19-22	June 18-21	Buffalo High School.
Sept. 26-29	Sept. 25-28	Sept. 24-27	
Nov. 27-29	Nov. 26-28	Nov. 25-27	

DAILY PROGRAM.

	9:15 a. m.—12:15 p. m.	1:15 — 4:15 p. m.
<i>Tuesday</i> . . .	Anatomy	Physiology and Hygiene.
<i>Wednesday</i> . . .	Chemistry	Surgery.
<i>Thursday</i> . . .	Obstetrics	Pathology and Diagnosis.
<i>Friday</i> . . .	Therapeutics.	

Thanksgiving week the subjects for Thursday and Friday are given on Monday:

Obstetrics, Monday, 9:15 a. m.—12: p. m.

Pathology and diagnosis, Monday, 1:15—4:15 p. m.

Therapeutics, Monday, 7:30—10:30 p. m.

POWERS AND DUTIES OF COUNTY CLERKS IN REGISTERING LICENSES TO PRACTICE MEDICINE IN NEW YORK STATE.

The laws relating to registration of physicians by county clerks were repealed May 9, 1893, when the new law took effect. This law forbids the registration of any authority to practice medicine except a license or diploma issued or indorsed as a license under seal by the University of the State of New York, or (in case of removal to another county of a physician already licensed) a certificate clearly showing that the original registration was of an authority issued or indorsed under seal by the regents.

To provide against penalties for illegal registration all other cases should be referred to the University of the State of New York, the only authority by which licenses can be issued after September 1, 1891.

Address all communications Examinations Department, University of the State of New York, Albany.

ASSOCIATION OF THE ALUMNI OF THE ALBANY
MEDICAL COLLEGE.

INCORPORATED FEBRUARY 6, 1874.

THIS association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates 2011. Names and addresses upon the roll, 1193. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

OFFICERS FOR 1893.

President—Dr. WILLIAM H. WOODRUFF ('54), Pine Bush, N. Y.

Vice-Presidents—

- Dr. J. WILSON POUCHER ('83), Poughkeepsie, N. Y.
- Dr. WILLIAM L. PEARSON ('78), Schenectady, N. Y.
- Dr. ISRAEL M. SLINGERLAND ('83), Fayetteville, N. Y.
- Dr. FRANK A. PALMER ('82), Mechanicville, N. Y.
- Dr. HENRY B. WHITEHORNE ('73), Verona, N. J.

Recording Secretary—Dr. WILLIS G. TUCKER ('70), Albany, N. Y.

Corresponding Secretary—Dr. CHARLES M. CULVER ('81), Albany, N. Y.

Treasurer—Dr. SELWYN A. RUSSELL ('77), Poughkeepsie, N. Y.

Historian—Dr. EZRA A. BARTLETT ('79), Albany, N. Y.

Executive Committee—

- Dr. DANIEL H. COOK ('73), Albany, N. Y.
- Dr. WILLIAM J. NELLIS ('79), Albany, N. Y.
- Dr. CHARLES C. DURYEE ('81), Schenectady, N. Y.
- Dr. ROBERT F. MACFARLANE ('88), Long Island City, N. Y.
- Dr. WILLIAM L. ALLEN ('81), Greenbush, N. Y.
- Dr. ROBERT BABCOCK ('84), Albany, N. Y.
- Dr. HERMAN BENDELL ('62), Albany, N. Y.
- Dr. HENRY E. MERENESS ('74), Albany, N. Y.
- Dr. ALBERT VANDER VEER ('62), Albany, N. Y.
- Dr. MARTIN J. DWYER ('83), Albany, N. Y.
- Dr. JOHN B. STONEHOUSE, ('71), Albany, N. Y.
- Dr. HENRY LA HANN ('78), Burlington, Wis.

together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex-officiis*.

The next annual meeting will be held in the college building on Wednesday, April 18, 1894. The Alumni dinner will take place in the evening. So far as their addresses can be ascertained, all graduates of the college, are notified of the annual meeting through the mail. Those who do not receive such notice regularly, are requested to furnish the recording secretary with their addresses, and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. S. A. Russell, Treasurer, Hudson River State Hospital, Poughkeepsie, N. Y.

WILLIAM H. WOODRUFF, M.D., *President*.

WILLIS G. TUCKER, M.D., *Rec. Sec'y*,

Albany Medical College, Albany, N. Y.

ALBANY COLLEGE OF PHARMACY.
DEPARTMENT OF PHARMACY, UNION UNIVERSITY.

SESSION OF 1893-4.

THIS department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The thirteenth course of lectures will open on Monday, October 1, 1893, and close March 13, 1894. The exercises of the college are held in the Albany Medical College building on Eagle street.

The following constitute the faculty:

WILLIS G. TUCKER, M.D., Ph.D., F.C.S., President,
Professor of Chemistry.

ALFRED B. HUESTED, M.D., Ph.G., Secretary,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph.G.,
Professor of Pharmacy.

FRANK P. HUESTED, Ph.C.,
Director Pharmaceutical Laboratory.

EDWARD J. WHEELER, A.B.,
Instructor in Chemistry.

FRANK P. HUESTED, Ph.C.,
Ass't Lecturer and Instructor in Pharmacy.

FRANK RICHARDSON, Ph.G.,
Instructor in Materia Medica.

The course extends over two years, divided into junior and senior classes, composed of first and second year students respectively. Three or more lectures are delivered to each class each week besides laboratory classes and other exercises. Senior lectures on Monday, Wednesday and Friday evenings, and junior lectures on Tuesday and Thursday evenings and Saturday afternoons. Candidates for the degree of *Graduate in Pharmacy (Ph.G.)* must attend two full courses of lectures, be at least twenty-one years of age, submit a thesis and pass the required examinations. They must also have served at least four years with some reputable pharmacist. Fees: Matriculation fee (paid but once), \$3; lecture tickets for full course (with no charge for courses after the second), per session, \$30; chemical and pharmaceutical laboratory fees, each \$15; quiz class fees, \$3; graduation fee, \$10. Various prizes are awarded to meritorious students at the close of the term.

A new and commodious pharmaceutical laboratory is to be fitted up this summer, and will be ready for use in the fall.

The college is now better equipped than ever before to impart thorough instruction in pharmacy and its kindred branches.

For catalogues or further information, address

ALFRED B. HUESTED, M. D., *Secretary,*
144 State Street, Albany, N. Y.

UNION COLLEGE.

THE college offers to students courses leading to the degrees of A.B., B.S., Ph.B., B.E.; also eclectic and post-graduate courses. There is also a department of physical training.

Union College students have the privilege of attending the medical lectures of the Albany Medical College without expense, and matriculation is granted to Union College graduates without examination.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismissal and pass satisfactory examination.

The fee for tuition and room is \$30 a term, payable in advance, with \$5 for freshman entrance, \$7 for sophomore, \$9 for junior, \$12 for senior, unless the student comes from another college. Board costs \$3 to \$4 a week. Scholarships exist, yielding some remission on term bill. Commencement occurs always on the fourth Wednesday of June. Fall term of 1893 begins September 21. Entrance examinations are held on the two days preceding any term.

For catalogues, address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF CIVIL ENGINEERING.

The object of this department, which was organized in UNION COLLEGE in 1845, is to give its students such instruction in the theory and practice of CIVIL ENGINEERING as to qualify them for immediate usefulness in the field and office in subordinate relations, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice.

The thoroughness and completeness of the course of instruction, the unsurpassed excellence of its illustrative apparatus, the opportunities and arrangements for field practice, the moderate charges (\$30 per term), and the fact that students have access without further charge to the teachings of the other departments, commend the course to those contemplating the engineering profession.

For circular, or specific information, address

Prof. CHARLES C. BROWN,
Schenectady, N. Y.

DUDLEY OBSERVATORY, ALBANY.

The Dudley Observatory was founded in 1852 for the advancement of astronomical science. Since its incorporation it has received more than \$230,000 in donations, of which at the present time over \$100,000 is invested in interest-bearing securities for its support. It derives its name from Charles E. Dudley, whose widow Blandina Dudley gave in all about \$100,000 for its establishment. In 1873 the Dudley Observatory became a part of Union University, and since 1876 has been actively employed in important astronomical investigations. The original site of the Observatory proved unsuitable for the purpose, and under the stimulus, in 1892, of a gift of \$25,000 by Miss Catharine Wolfe Bruce, of New York city, for permanent endowment, nearly \$40,000 has been raised in Albany for removal of the observatory to a better location. The new constructions were begun in September, 1892, and are now nearly completed. A new telescope, adapted both for visual and photographic use, has been ordered. The object-glass of this telescope is to be twelve inches in clear aperture, and the instrument is to be up to the highest standard of modern skill and invention. The entire equipment of the observatory is undergoing renovation and improvement. Near the close of the present year it is expected that the scientific work of the observatory will be resumed with increased means, vigor and efficiency.

The observatory is occasionally open to visitors under regulations established by the Board of Trustees. For further information apply to LEWIS BOSS, A. M., *Director*.

ALBANY LAW SCHOOL.

DEPARTMENT OF LAW OF UNION UNIVERSITY.

FACULTY.

HARRISON E. WEBSTER, LL. D.,
PRESIDENT OF THE UNIVERSITY.

HON. WILLIAM L. LEARNED, LL. D.,
PRESIDENT,
Equity Jurisprudence.

LEWIS B. HALL,
DEAN,
Contracts and Mercantile Law.

MATTHEW HALE, LL. D.,
Personal Rights and Torts.

JAMES W. EATON,
Evidence.

J. NEWTON FIERO,
Practice, Pleading and Wills.

EUGENE BURLINGAME,
Real Property.

JAMES F. TRACEY,
Corporations.

SPECIAL COURSES.

HON. JUDSON S. LANDON, LL. D.,
American Constitutional History and Law.

HON. ALTON B. PARKER,
Judicial Systems.

CHARLES A. COLLIN,
Criminal Law.

For catalogues and information, address

DEAN OF ALBANY LAW SCHOOL,

Albany, N. Y.

HOSPITALS.

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

ALBANY HOSPITAL.

Howard Street, Corner of Eagle Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M.D., LL.D., SAMUEL H. FREEMAN, M.D.

Consulting Obstetrician.

WILLIAM H. BAILEY, M.D.

Surgeons.

ALBERT VANDER VEER, M.D.,
WILLIAM HAILES, M.D.,
SAMUEL R. MORROW, M.D.

Physicians.

JOSEPH LEWI, M.D.,
JOHN M. BIGELOW, M.D.,
SAMUEL B. WARD, M.D.,
HENRY HUN, M.D.

Ophthalmic and Aural Surgeons.

CYRUS S. MERRILL, M.D.,
HERMAN BENDELL, M.D.

Obstetrician.

FRANKLIN TOWNSEND, JR., M.D.

Diseases of the Skin.

FREDERIC C. CURTIS, M.D.

Diseases of Women.

JAMES P. BOYD, M.D.

Resident Physicians and Surgeons.

LEO H. NEUMAN, M.D.,
CHARLES B. MOSHER, M.D.,

JOHN B. BEEBE, M.D.,
THOMAS W. JENKINS, M.D.

ST. PETER'S HOSPITAL.

Corner North Broadway and North Ferry Street.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

THOMAS HUN, M.D., LL.D.,
SAMUEL B. WARD, M.D.,
DANIEL V. O'LEARY, M.D.

Consulting Surgeons.

ALBERT VANDER VEER, M.D.,
LEWIS BALCH, M.D.

Consulting Ophthalmic and Aural Surgeon.

CYRUS S. MERRILL, M.D.

Consulting Obstetric Surgeon.

JAMES P. BOYD, M.D.

Attending Physicians.

HENRY HUN, M.D.,
T. KIRK PERRY, M.D.,
HOWARD VAN RENSSELAER, M. D.

Attending Surgeons.

SAMUEL R. MORROW, M.D.,
PATRICK J. KEEGAN, M.D.,
WILLIAM HAILES, M.D.,
JOHN V. HENNESSY, M.D.

Laryngoscopy and Throat Diseases.

JOHN M. BIGELOW, M.D.

Obstetric Surgeons.

FRANKLIN TOWNSEND, JR., M.D.,
JOHN V. HENNESSY, M.D.

Ophthalmic and Aural Surgeons.

GEORGE S. MUNSON, M.D.,
THEODORE F. C. VAN ALLEN, M.D.

Diseases of the Skin.

FREDERIC C. CURTIS, M.D.

Resident Physicians and Surgeons.

LUCAS G. TUTTLE, M.D.

COLLIE J. ROBINSON, M.D.

CHILD'S HOSPITAL.

Corner Elk and North Hawk Streets.

Consulting Physician.

THOMAS HUN, M.D., LL.D.

Attending Surgeons.

LEWIS BALCH, M.D.,
SAMUEL R. MORROW, M.D.

Attending Physicians.

THOMAS M. TREGO, M.D.,
HENRY HUN, M.D.

Ophthalmic and Aural Surgeon.

CYRUS S. MERRILL, M.D.,

Physician to the Dispensary.

HOWARD VAN RENSSELAER, M.D.

Assistant Ophthalmic and Aural Surgeon.

CHARLES H. MOORE, M.D.

COUNTY HOSPITAL.

Physician and Surgeon.

WILLIAM H. MURRAY, M.D.

Resident Physician.

JOHN S. GUINAN, M.D.

