

1880-81

13th Annual Announcement
Detroit Medical College

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THE

Detroit Medical College

DETROIT, MICH.

Thirteenth Annual Announcement & Catalogue

1880-81.

*The Regular Term will open Wednesday, September 8th, 1880,
and close March 8th, 1881.*

*The Recitation Term will open Wednesday, March 16th, 1881,
and close June 21st.*

COLLEGE CALENDAR, 1880-81.

Regular Term opens September 8th, 1880, and closes March 8th, 1881.
Holiday vacation begins December 24th, 1880, and ends January 3d,
1881. Final examinations begin February 21st and close February 23d,
1881. Annual Commencement, Tuesday evening, March 8th, 1881.
Recitation session opens March 16th and closes June 21st, 1881.

SPECIAL NOTICE.

Alumni of this school, or other gentlemen, desiring the Announcements of the College mailed to them regularly, will please send their addresses to the Secretary; also any changes in their addresses which may occur from time to time. A list of *all* the *Alumni* of Detroit Medical College will be sent to those desiring it. The Secretary specially requests that changes in the addresses, etc., of any alumnus, be sent to him, that the list may be kept as accurate as possible.

FACULTY.

THEO. A. McGRAW, M. D., President.

LEARTUS CONNOR, M. D., Secretary.

JAMES F. NOYES, M. D.,

Emeritus Professor of Ophthalmology and Aural Surgery.

THEO. A. MCGRAW, M. D.,
107 Fort Street west,
Professor of Principles and Practice of Surgery and Clinical Surgery.

GEO. P. ANDREWS, M. D.,
50 Lafayette Avenue.
Professor of Principles and Practice of Medicine, and Clinical Medicine.

C. B. GILBERT, M. D.,
37 Adams Avenue east,
Professor of Obstetrics, Diseases of Women and Children.

N. W. WEBBER, M. D.,
25 Rowland Street,
Professor of Medical and Surgical Diseases of Women and Clinical Gynecology.

ALBERT B. LYONS, M. D.,
423 Second Street,
Professor of Chemistry, and Director of the Chemical Laboratory.

J. H. CARSTENS, M. D.,
14 Macomb Street,
Assistant Professor of Clinical Gynecology.

F. A. SPALDING, M. D.,
13 Baker Street,
Assistant Professor of Clinical Obstetrics.

J. G. JOHNSON, M. D.,
High Street, Cor. Woodward Avenue,
Lecturer on Diseases of the Nervous System.

E. A. CHAPOTON, M. D.,
372 Woodward Avenue,
Lecturer on Pathology and Morbid Anatomy.

DAVID INGLIS, M. D.,
21 State Street,
Instructor in Practice of Medicine.

SAMUEL P. DUFFIELD, Ph.D., M.D.
Professor of Toxicology and Medical Jurisprudence.

LEARTUS CONNOR, M. D.,
92 Cass Street,
Professor of Diseases of Eye and Ear and Clinical Ophthalmology and Otology.

H. O. WALKER, M. D.,
177 Griswold Street,
Professor of Anatomy and Diseases of the Genito-Urinary System.

E. L. SHURLY, M. D.,
544 Jefferson Avenue,
Professor of Materia Medica, Therapeutics and Laryngology.

HAL. C. WYMAN, M. D.,
Miami Avenue, cor. Williams Street,
Professor of Physiology and Director of the Physiological Laboratory.

J. W. ROBERTSON, M. D.,
84 Lafayette Avenue,
Instructor in Practice of Medicine.

MORSE STEWART, JR., M. D.
440 Jefferson Avenue,
Instructor in Materia Medica and Therapeutics.

A. E. CARRIER, M. D.,
650 Third Avenue,
Instructor in and Demonstrator of Anatomy.

A. B. STEVENS, Ph. C.,
33 Lafayette Avenue,
Instructor in Pharmacy.

CHAS. G. JENNINGS, M. D.,
544 Jefferson Avenue,
Instructor in Chemistry.

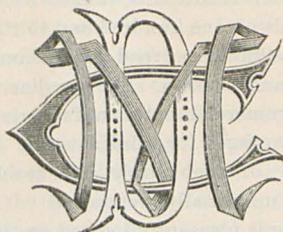
F. H. KNICKERBOCKER, M. D.
190 Sixth Street, Curator of Museum and Librarian.

THAD. WARSAW, Janitor,
College Building, Woodward Avenue.

BOARD OF TRUSTEES.

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A. C. MCGRAW, Esq.,	. . .	VICE-PRESIDENT.
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GEO. S. FROST, Esq.	FREDERICK STEARNS, Esq.



ANNOUNCEMENT.

General Statement.—The attention of the medical profession and of medical students is respectfully directed to the changes that go into operation at and after the session of 1880-81. Especially is it desired that the friends of systematic and practical medical education carefully note, that in its methods of instruction, and in its requirements for graduation, the Detroit Medical College has taken its place with the most advanced medical schools of the United States.

Among these changes are:

- (1) A preliminary examination.
- (2) The lengthening of the regular term to six months.
- (3) The obligatory attendance upon three regular terms, instead of two.
- (4) The grading of both practical and didactic studies, so that the student passes easily from one to another, in a just and natural order.
- (5) The largely increased practical work in anatomical, chemical and physiological laboratories required during the first two courses.
- (6) The daily clinical work required during the entire last course.
- (7) The division of all students into three distinct classes.
- (8) It will be seen that the new system calls for the constant introduction of new matter as the student advances, and at the same time secures all the reviews and repetitions that are essential to the most successful teaching. Thus the graduates of Detroit Medical College are not only trained in the theory of medicine and surgery, but they are taught to perform all the chemical, pharmaceutical and microscopical manipulations required by their calling, to diagnose and treat all forms of medical and surgical disease, and to recognize their *post-mortem* appearances.

The history of the past conclusively indicates that graduates under this new system will take a higher rank in the profession, and receive a larger share of the confidence of the community than will be given those who have pursued a more theoretical and less practical course of training.

Situation.—DETROIT MEDICAL COLLEGE is situated in Detroit, a city numbering upwards of one hundred and thirty-five thousand inhabitants, and easily accessible by railroad and steamboat from every part of the United States and Canada. Its peculiar geographical position makes it the great commercial and manufacturing center of Michigan. Hence, its special advantages for clinical study and clinical teaching. The absolute necessity of such study and teaching in all first-class medical schools is now universally recognized.

The College building is pleasantly located on the grounds of Harper Hospital, about one and one-fourth miles from the river, and is easily reached from the depots by the various lines of street railroads.

Hospitals.—The College has under its control, for educational purposes, *Harper, St. Mary's* and *St. Luke's Hospitals*.

Harper Hospital is so connected with the College building that surgical cases are brought into the amphitheater for operation. Sections of the senior class do clinical work daily in its several wards.

St. Mary's Hospital, situated near the center of the city, is under the direction of the Sisters of Charity. A suitable lecture room adjoins the hospital, and serves for clinical lectures, operations, etc. Sections of the senior class do clinical work daily in its several wards.

Dispensaries.—The College maintains two free dispensaries during the entire year. One is located at the College building, and is open daily, Sundays excepted, from 10 a. m. to 12 m. Here diseases of the chest, of the nervous system, general medical cases, general surgical cases, diseases of women and diseases of children, diseases of the eye, ear and throat, are treated daily. The number of patients present daily varies from twenty to a hundred.

The other dispensary is located at St. Mary's Hospital, and is open daily for the treatment of the same classes of cases as that at the College. The number of patients presented for treatment is fully equal to that at the College dispensary. In both of these dispensaries sections of the senior class do daily clinical work.

Practical Obstetrics.—Under the direction of the Assistant Professor of Clinical Obstetrics members of the senior class will be enabled to attend cases of midwifery and be taught the best methods of conducting normal labor, and of performing the obstetrical operations, and of meeting the several complications of labor.

From all these sources the College is supplied with an abundant variety of medical and surgical cases for study, illustration and practice.

In the hospitals the rarest varieties of severe, acute and chronic diseases are to be found, while the dispensary cases supply material very like ordinary office practice.

Only the destitute poor are treated free of charge in these dispensaries.

Laboratories.—The *College Dissecting Room* is large, well ventilated, and supplied with all the conveniences for the study of practical anatomy. Material for dissection will be furnished at reasonable prices.

The *Chemical Laboratory* contains twenty-four tables, fitted up with all the apparatus necessary to the successful study of analytical chemistry, urinary analysis and toxicology. A short course of practical laboratory work is required of every candidate for graduation. Students are required to pay for the materials used during the course.

The *Physiological Laboratory* is so arranged as to enable students to familiarize themselves with the methods of physiological study and its fundamental facts. Students are divided into classes of five and assigned to a table supplied with all the necessary apparatus for microscopical work, work in physiological chemistry and vivisections. All students are required to take a short course in this laboratory and to pay for the materials required for the course.

Opportunities for the study of pathological anatomy are unusually good. Fresh specimens of all the ordinary lesions, and many rare ones, are exhibited to the class. Those desiring can obtain practical instruction in the art of making *post-mortem* examinations.

Practical Study of Materia Medica and Pharmacy.—Junior students will in turn be required to work in the dispensary department of the several out-door clinics. Thus, under competent instruction, they will learn the properties of drugs, their doses, modes of exhibition by mixtures, powders, pills, suppositories, infusions, capsules, etc. The simpler manipulations of pharmacy will form part of this course.

Plan of Instruction.—I. A preliminary examination will be required of all matriculants at Detroit Medical College who expect to become candidates for graduation, and who do not present other satisfactory evidence of the preliminary education deemed necessary for those entering upon the study of medicine.

II. Certain portions of the study of medicine will be assigned to each one of three regular sessions, and final examination on these portions will be held at the end of each session.

Matriculation Examination.—Applicants for admission to the Detroit Medical College for the Session of 1880-81, and thereafter, will be examined as follows:

(a.) They must show their proficiency in English composition by writing an essay on any subject assigned, not to exceed in length one page of foolscap.

(b.) In Mathematics they are expected to show a familiarity with the principles of Arithmetic, including decimal and vulgar fractions, and with those of Algebra, including simple equations.

(c.) In Physics or Natural Philosophy they will be expected to know as much as is contained in Balfour Stewart's Elements, or any equivalent text book.

This examination is written.

In place of this examination the College will accept the degree of A. B., B. S., Ph. D., certificates of having passed the entrance examination of any incorporated Literary College, or any recognized Medical College in which an examination is required for admission; also certificates of having graduated at any high school or academy, or of having attained proficiency in any such school in the subjects of the above-mentioned matriculation examination.

At the discretion of the examining committee, any student failing in one or more parts of this examination may be admitted to the Freshman Class, *on condition only of his making good the deficiency within a specified period.*

Regular examinations for admission will be held on September 6th and 7th, 1880.

Division of Students.—The students are divided into three distinct classes—Freshmen, Juniors and Seniors.

The Freshman class will include all who have taken no course of lectures in College.

The Junior class will include those who have taken one course and have passed satisfactorily examinations in the descriptive anatomy of the bones and ligaments, the muscular and circulatory systems, in general chemistry, in physiology of nutrition and in materia medica.

The Senior class will comprise those who have attended two courses, have completed practical work in anatomy, physiology and chemistry, and have passed satisfactory examinations upon all of anatomy, physiology, chemistry and materia medica, therapeutics, pathology and pathological anatomy. This class, for purposes of clinical work, will be divided into small sections, and for two or more hours of each day these sections will be drilled in the physical and rational examination of patients, in hospitals and dispensaries; they will be taught the best methods of keeping histories of cases, and will be shown the minutest details of operations and their after-treatment; of medical cases, their causes and the effects of treatment, etc.

As in every department the latest facts will be presented and taught, it is obvious that this year's course presents peculiar advantages to the practitioners who desire to review, in the light of these facts, the practical branches.

Admission to Advanced Standing.—Students who have attended one *full* course at a recognized Medical College will be admitted to the

Junior class, but they will be required to fulfill the conditions of the matriculation examination, and to pass, at the end of the session, an examination upon the branches of the first and second year.

Students who have attended two *full* courses at other recognized Medical Colleges, and graduates of other recognized Medical Colleges, will be admitted to the Senior class, but if candidates for graduation they will be required, at the close of the session, to pass examinations upon all of the branches examined upon during the three years.

Partial courses are only recognized as time spent in study.

Sessions.—The collegiate year is divided into two sessions.

(a) The *regular* session will begin Wednesday, September 8th, 1880, and close March 8th, 1881. Attendance upon this course is *obligatory* to all candidates for the degree of M. D.

(b) The spring session opens Wednesday, March 17th, 1881, and closes June 21st. Attendance on this term is *optional*. The same division of classes, lectures, recitations, laboratory work and clinical work will be continued in the same order as that followed during the regular session. It furnishes the best time for students to enter upon the study of medicine. Nor is it less helpful to those farther advanced, especially if they are behind upon some of the studies of the regular course.

Division of Studies.—*For the first year:* Descriptive Anatomy, General Chemistry, Physiology of Nutrition, Histology, Materia Medica and Pharmacy; Practical Anatomy, Practical Chemistry.

For the second year: Descriptive and Regional Anatomy, Therapeutics, Medical and Physiological Chemistry, Physiology of the Nervous System, of the Special Senses and of Reproduction, Pathology and Pathological Anatomy; Practical Chemistry, Practical Pharmacy, Practical Physiology.

For the third year: Practice of Medicine, Surgery, Obstetrics, Diseases of Women and Children, Diseases of Eye, Diseases of Ear, Diseases of Larynx, Diseases of Nervous System, Diseases of Skin and Genito-Urinary Diseases. Daily practical clinical work, in one after another of the above branches.

Attendance upon lectures other than those in regular order is optional, but the student is advised, in the main, to confine his attention to the subjects included in his own course.

CURRICULUM.*

Freshman Class.—		Total hours per week.
Anatomy, 4 lectures or recitations per week,		4
General Chemistry, 4 lectures or recitations per week,		4
Physiology, 4 " " " " "		4
Materia Medica and Pharmacy, 3 lectures or recitations per week,		3
Total lectures or recitations,		— 15
Practical Anatomy (four months),		15
Practical Chemistry (two months),		15
General Medical and Surgical Clinical Lectures,		8
Total hours of public study,		— 38

Final examinations at end of course on the subjects actually pursued.

Junior Class.—		
Anatomy, 4 lectures or recitations per week,		4
Medical Chemistry, 2 lectures or recitations per week,		2
Physiology, 4 " " " " "		4
Therapeutics, 3 " " " " "		3
Pathology and Morbid Anatomy, 4 lectures or recitations per week,		4
Total lectures or recitations per week,		— 17
Laboratory work in Medical Chemistry, 1 month,	}	15
" " " Physiology, 4 months,		
" " " Pharmacy, 1 month,		
General Medical and Surgical Clinical lectures,		8
Total hours of public study,		— 40

Final examination at end of course upon subjects actually pursued.

Senior Class.—		
Theory and Practice of Medicine, 5 lectures or recitations per week,		5
Theory and Practice of Surgery, 5 lectures or recitations per week,		5
Obstetrics, 3 lectures or recitations per week,		3
Diseases of Children, 1 lecture or recitation per week,		1

*This curriculum is adopted subject to such changes in detail as may seem advisable before it goes into actual operation.

	Total hours per week.
Gynæcology, 1 lecture or recitation per week,	1
Laryngology, 1 lecture or recitation per week, 3 months,	} 1
Genito-Urinary Diseases, 1 lecture or recitation per week, 3 months,	
Ophthalmology and Otology, 1 lecture or recitation per week,	1
Diseases of Nervous system, one lecture or recitation per week,	1
Total lectures or recitations per week,	— 18
*Daily Clinical work at hospital in Practice of Medicine,	12
* " " " " " " " " Surgery,	12
* " " " " " " " " Diseases of Eye and Ear,	10
* " " " " " " " " Diseases of Women,	12
* " " " " " " " " Diseases of Throat and Chest,	10
*Daily Clinical work in Diseases of Nervous System,	6
*Clinical work in Obstetrics,	

Final Examinations.—*At the close of the first year*, examinations will be held in Descriptive Anatomy, General Chemistry, Physiology of Nutrition, Materia Medica, Practical Anatomy and Practical Chemistry.

At the close of the second year, examinations will be held in Descriptive and Regional Anatomy, Medical and Physiological Chemistry, Physiology of the Nervous System, of the Special Senses and of Reproduction, in Therapeutics, in Pathology and Morbid Anatomy, and in Practical Physiology, in Practical Pharmacy and in Practical Medical Chemistry.

At the close of the third year, examinations will be held in Practice of Medicine, in Surgery, in Obstetrics, in Diseases of Women, in Diseases of Children, and in Diseases of Eye and Ear, in Diseases of Larynx, in Diseases of the Nervous System, and in Genito-Urinary Diseases.

Examinations in Practical Laboratory work will be held at the end of the several practical courses. Certificates of having satisfactorily pursued courses both in the Chemical, Physiological and Anatomical laboratories, and in daily Clinical work at Hospitals and Dispensaries for one regular session, will be required of each student before the final examinations of the third year.

*For these courses the Senior class will be divided into sections, so that each student may receive the personal aid indispensable to the successful performance of this work. These courses are *free* to all members of the Senior class.

Candidates failing to pass examination in one branch only, at the close of the first or second year, will be allowed to go on with the studies of the next year, on condition of making up the deficiency within a definite period. Those failing in more than one branch, will be obliged to fall back one year in their course, but the *fees in every case will be the same as though they had not failed.*

Examinations are held twice a year, viz: September 6th and 7th, 1880, and the latter part of February, 1881.

*** Requirements for the Degree of Doctor of Medicine.**—No person, whether a graduate in medicine or not, shall be given a diploma of "Doctor of Medicine," who shall not have fulfilled the following requirements:

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

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

3. He must file the proper official evidence that, during the above mentioned three years, he has matriculated at some affiliated college or colleges, for three regular sessions, and in the course of the same has attended three full courses of instruction. But the *last*, at least, of the three full courses must have been attended at this college. No two consecutive courses of instruction shall be held as satisfying the above requirements unless the time between the beginning of the first course and the end of the second is greater than fifteen months.

4. The candidate must have passed a personal examination before the Faculty on all the branches of medicine taught in this college.

5. He must dissect every part of the cadaver, must complete a satisfactory course of practical work in the chemical laboratory, in the physiological laboratory, and must do practical clinical work for one term in hospital and out-door clinics.

6. A satisfactory thesis must be presented by or before February 1st, 1881, and be based upon work done either in the laboratories or in the clinics.

*N. B. Students who attended Detroit Medical College at or before the session of 1879-80, may, if they so desire, graduate in accordance with the published requirements of that year.

7. The degree will not be conferred upon a candidate who absents himself from the public commencement except by permission of the Faculty.

8. Candidates for graduation will present their credentials to the Secretary on entering the College.

The College Commencement for the conferring of degrees is held annually at the close of the regular session.

Certificates of Attendance.—Students are expected to commence at the beginning of the term and remain until its close. They will receive, on leaving at the end of the term, certificates of actual attendance only. Actual attendance is reckoned as beginning the day on which the lecture tickets are taken out.

Choice of Seats.—All the seats in the several College lecture rooms are numbered, and are assigned to students of the several classes in the order in which they take out their tickets.

Text Books.—The following are among the text-books recommended. They need not be purchased, however, should the student possess other standard works:

Chemistry—Bloxam, Wurtz, Attfield. *Medical Chemistry*—Tyson, Harley on Urine, Hoffman and Ultzman, Reese's Manual of Toxicology. *Anatomy*—Gray, Wilson, Holden's Manual. *Physiology*—Dalton, Carpenter, Flint, Foster. *Pathological Anatomy*—Delafield's Post-Mortem Examinations, Cornil & Ranvier's Pathological Histology. *Surgery*—Gross, Erichsen, Hamilton on Fractures and Dislocations, Bryant, Holmes, Bilioth's Surgical Pathology. *Practice of Medicine*—Aitken, Roberts, Loomis on Heart and Lungs, and Delafield's Physical Diagnosis. *Midwifery*—Leishmann, Playfair, Cazeaux. *Diseases of Women*—Thomas, Barnes, Hewitt, Emmet. *Puerperal Diseases*—Barker. *Materia Medica and Therapeutics*—Stille, H. C. Wood, Fothergill, Bartholow. *Diseases of the Eye*—Wells, Carter, Nettleship. *Diseases of the Ear*—Roosa, Burnett. *Genito-Urinary Diseases.*—Bumstead & Taylor, Van Buren and Keyes.

Fees, etc.*—

Matriculation or registration fee, once a year,	\$5 00
Lecture fees for the first regular term,	75 00
Lecture fees for the second regular term,	75 00

* There are no demonstrators' tickets, but on entering either the chemical, the anatomical or the physiological laboratory, each student must pay for the materials to be used by him in the prosecution of his work. For all unnecessary breakage of apparatus or waste of materials he must pay before receiving a certificate of his work.

Lecture fees for the third regular term,	\$50 00
*Graduation or final examination fee,	30 00
Hospital tickets free.	

Spring Recitation term, \$10, to all who have attended the regular term; all others are charged \$25, but \$15 will be applied on the fees for the next regular session attended.

Students and graduates who have attended the third year courses, and all Alumni of the College, may attend any number of subsequent courses of lectures on payment of the matriculation or registration fee.

Fees for Special or Partial Courses.—(Gentlemen taking special or partial courses if not graduates of this school are required to pay the registration fee in addition to the fees named below.)

Fee for a single course of lectures, \$10.

Fee for Practical Work in Chemical Laboratory \$5 per month.

Fee for Practical Work in Physiological Laboratory, \$5 per month.

Fee for Practical Clinical course either in Ophthalmology and Otol-ogy, in Gynæcology, in Laryngology, in Practice of Medicine, in Prac-tice of Surgery, \$15 each.

Graduates of the school are admitted to the *lectures* free, but are charged for the several *practical* courses.

All fees are payable in advance to the Secretary. No promissory notes will be received or reductions made.

General Directions.—Students, on arriving may call at the Secretary's office, 92 Cass Street, or go to the College buildings. They are situated on the grounds of Harper Hospital, and are easily accessible by the Woodward avenue street cars. The *Janitor* in the College building, Woodward avenue, will furnish students with a list of boarding houses, and aid them in securing comfortable quarters.

Board and Rooms—Can be obtained at low rates, varying, accord- ing to the accommodations, from \$3 to \$5 per week, the average being \$4.

For further particulars, address or call upon

LEARTUS CONNOR, M. D., SECRETARY.

92 Cass Street, near Lafayette Avenue.

* To be paid on or before February 1st, 1881.

CATALOGUE OF STUDENTS.

GRADUATES, MARCH 4, 1880.

EDWIN H. AUSTIN,	Fowlerville, Mich.
JAMES J. L. BOICE,	Detroit, Mich.
CHARLES M. BUTLER,	Morenci, Mich.
JESSE L. CONANT,	Henrietta, Mich.
SIDNEY FORBES,	Belleville, Mich.
JAMES FUNCHEON,	Davisville, Cal.
MILAN A. GATES,	Lansing, Mich.
FRANK GASKILL,	Gates, N. Y.
WILLIAM H. GILBERT,	Caton, N. Y.
LOUIS A. GOULD,	Farmer's Village, N. Y.
G. BURTON HARRIS,	Lansing, Mich.
FRANK W. HESS,	Allouez, Mich.
COLONEL M. KIMBALL,	Adrian, Mich.
ALFRED PAUL KEAM,	Cobourg, Canada.
CHARLES R. LONG,	Pierceton, Ind.
JAMES J. McMAHON,	Detroit, Mich.
WILLIAM H. POOLE, JR.,	Detroit, Mich.
FRED. M. ROBBINS,	Gardiner, Maine.
WILLIAM A. SHOBE,	Ligonier, Ind.
JAMES M. SLIGH,	Detroit, Mich.
JOHN M. TRUSCOTT,	Leesville, Mich.
DORR VINCENT,	Howell, Mich.
HENRY J. WALLER,	Greenville, Mich.
WALLACE J. WEEKS,	Jackson, Mich.
FRANK D. WHEELER,	Avilla, Ind.
JAMES INGLIS WILKINSON,	Oxford, Mich.
JOHN BELL WRIGHT,	Colchester, Canada.

MATRICULANTS, 1879-80.

Adsit, Alfred M.	Michigan	Dr. H. H. Rush.
Armfield, T. O.	Indiana	Dr. D. Sigler.
Austin Edwin H.	Michigan	Dr. A. S. Austin.
Bailey, O. S.	Michigan	Dr. Geo. E. Ranney.
Boyd, Fred R.	Ohio	Dr. Wm. A. Baker.
Bellows, Geo. A.	New York	Dr. E. Lester.
Bartley, James.	Rhode Island.	Faculty.
Bell, Samuel.	New Brunswick. .	Dr. J. J. Lawson.
Bigg, Arthur H.	Michigan	Faculty.
Black, Josiah.	Canada	Faculty.
Boice, James J L.	Michigan	Dr. T. A. McGraw.
Bowers, Isaac S.	Ohio	Dr. J. Rheinfrank.
Bracy Emmet E.	Michigan	Dr. L. L. Kelley.
Butz, Phillie C.	Michigan	Dr. G. P. Andrews.
Butler, C. M.	Michigan	Dr. H. C. Wyman.
Conant, Jesse L.	Michigan	Rush Med. College
Connor, Milton C.	New York	Dr. L. Connor.
Cole, William L.	Michigan	Dr. H. J. Reynolds.
Cassidy Mont H.	Michigan	Dr. H. C. Wyman.
Carey, Alfred W.	Michigan	Faculty.
Campau, Albert.	Michigan	Dr. E. L. Shurly.
Campbell, Samuel E.	Wisconsin	Dr. O. P. Sales.
Callaghan, Thos. J.	Massachusetts. .	Dr. W. H. Lincoln.
Caldwell, James W.	Michigan.	Faculty.
DeVore, Ransom P.	Michigan	Dr. A. J. Pressy.
Dickinson, David	Michigan	Dr. H. C. Wyman.
Downing, Horace W.	Michigan	Faculty.
Duffield, George.	Michigan	{ Dr. S. P. Duffield.
		{ Dr. T. A. McGraw.
Edgar, William R.	Ohio.	Dr. Chas. E. Bennett.
Ericksen Hugo.	Michigan	Dr. J. H. Carstens.
Ewing Fred. W.	Iowa	Dr. E. T. Likes.
Farly Francis X.	Canada	Dr. F. Gabourg.
Fares, O. W. H.	Michigan	Dr. J. B. Fares.
Felt, Porter W.	Michigan	Dr. Seth Felt.
Fenerty, Thos. A.	Michigan	Dr. C. W. Burrows.
Floyd Otis.	Michigan	Dr. H. C. Wyman.
Forbes, Sidney.	Michigan	Dr. D. Forbes.
French, Edwin P.	Michigan	Dr. John B. Park.
Funcheon, Jas.	California.	Dr. Matthew Gordon.
Gamber, Wm P.	Ohio.	Dr. E. H. Rorick.
Garretson, John T.	Indiana	Dr. C. Sander.

Gaskill, Frank.....	New York	Dr. David Fraser.
Gates, Milan A.....	Michigan.....	Dr. Jas. B. Park.
Gilbert, William H.....	New York.....	Dr. John W. Stewart.
Gould, Louis A.....	New York	Dr. W. W. Wheeler.
Harper, Dr. William	Michigan.....	Practitioner.
Harris, G. Burton.....	Michigan.....	Dr. Geo. E. Ranney.
Hays, Eugene S.....	Pennsylvania....	Dr. P. C. Shive.
Helwig, Andrew F.....	New York.....	Dr. Henry Lapp.
Hess, Frank W.....	Michigan.....	Dr. W. H. Solis.
Hildreth, William J.....	Michigan.....	Faculty.
Hincks, Charles.....	Canada	Dr. Geo. C. Shannon.
Hoag, Albert M.....	Canada	Dr. Geo. A. Tye.
Hodgkinson, J. G.....	Canada	Dr. C. Sinclair.
Hume, Arthur M.....	Michigan.....	Dr. H. C. Wyman.
Jones Walter S.....	Michigan.....	Faculty.
Judson, H. C.....	Michigan.....	Faculty.
Keam, Alfred Paul.....	Canada	Dr. Wade.
Keyes, Dr. E. L.....	New York.....	Practitioner.
Kimball, Colonel M.....	Michigan.....	Dr. A. M. Stephenson.
Leonard, Clarence H.....	Michigan.....	Dr. J. C. Dickinson.
Lockhart, Wm.....	Michigan.....	Dr. H. A. Cleland.
Long, Chas. R.....	Indiana.....	Dr. Long.
Lower, John Milton.....	Indiana.....	Faculty.
Maire, Lewis E.....	Michigan.....	Dr. F. A. Spalding.
Mason, James.....	Michigan.....	Faculty.
May, Lewis Perry.....	Michigan.....	Dr. H. H. Cook.
Millis, Charlie J.....	Michigan.....	Dr. F. B. Galbraith
Millar, John W.....	Michigan.....	Faculty.
Miner, Stanley G.....	Michigan.....	Dr. E. L. Shurly.
Mottram, J. H. H.....	Canada	Faculty.
McKenzie, M. K.....	Michigan.....	Dr. Geo. E. Ranney.
McMahon, Jas. J.....	Michigan.....	Dr. W. A. McDonald.
North, Elmer D	Michigan.....	Dr. Geo. E. Ranney.
Owen, Orville W.....	Michigan.....	Dr. H. O. Walker.
Pasco, Mark. S.....	Michigan.....	Dr. Wm. Brodie.
Pease, Robert H.....	Michigan	{ Dr. Jas. A. Brown. Dr. T. A. McGraw.
Phillips, Frank J.....	Michigan.....	Dr. James Harvey.
Potter, Luther A.....	Michigan.....	Dr. Neil D. Campbell.
Poole, Wm. H.....	Canada	Faculty.
Pratt, Charles.....	Michigan.....	Dr. J. D. Chambers.
Price, Orrin J.....	Michigan.....	Dr. Burdick.
*Rohnert, Fred.....	Michigan.....	Dr. A. B. Lyons.
Root, Philander S.....	New York.....	Dr. F. A. Gary.
Robbins, Fred. M.....	Maine.....	Dr. H. O. Walker.

* Partial course.

Robinson, Wm. J.....	Canada	Dr. Chas. Chamberlain.
Sayers, W. A.....	Ohio.....	Faculty.
Schmitt, Geo. Henry	Michigan.....	Dr. C. C. Yemans.
*Schmitt, F. J.....	Michigan.....	Dr. A. B. Lyons.
Shackelford, F. W.....	Ohio.....	Dr. Chas. S. Cope.
Shobe, W. A.....	Indiana.....	Dr. Geo. W. Carr.
Sickles, Bert C.....	Michigan.....	Dr. Marshall.
Sligh, James M.....	Michigan.....	Dr. N. W. Webber.
Spear, Frank.....	Michigan.....	Faculty.
Spencer, Bennie C.....	Michigan.....	Dr. Wilson.
Spohn, Wm E.....	Michigan.....	Dr. B. Richards.
Steinbrecher, A. H.....	Michigan.....	Dr. Jas. D. Munson.
Stephenson, Wm.....	Michigan.....	Dr. Abra'm Stephenson.
Suydam, John F.....	Michigan.....	Dr. N. W. Webber.
Truscott, John M.....	Michigan.....	Dr. S. P. Duffield.
Valade, Jerome J.....	Michigan.....	Dr. J. L. Valade.
Van Buskirk, H. F.....	Ohio.....	Faculty.
Vincent, Dorr.....	New York.....	Faculty.
Waller, Henry J.....	Michigan.....	Dr. Jas. Mulheren.
Watson, David M.....	Michigan.....	Faculty.
*Watson, David L.....	Michigan.....	Dr. A. B. Lyons.
Weaver, Frank A.	Michigan.....	Dr. Geo. E. Ranney.
Weaver, John B.....	Michigan.....	Dr. I. H. Bartholomew.
Weeks, Wallace J.....	Michigan.....	Dr. J. Tunncliff.
Wells, Charles H.....	Michigan.....	Dr. H. C. Wyman.
Wessinger, John A.....	Michigan.....	Dr. C. V. Beebe.
Wheeler, Frank D.....	Indiana.....	Dr. F. C. Malony.
Williams, Fred. S.....	Michigan.....	Faculty.
Wilkinson, James J.....	Michigan.....	Dr. H. Wilkinson.
Wisner, Calvin A.....	Michigan.....	Dr. A. W. Nicholson.
Wright, John Bell.....	Canada	Faculty.
Wyman, Dr. Henry S.....	Michigan.....	Faculty.
Wyman, H M.....	Minnesota.....	Dr. H. C. Wyman.

*Partial course.

American Medical College Association

ARTICLES OF CONFEDERATION.

(To be Subscribed and Conformed to by all the Colleges of the Association.*)

ARTICLE I. OF THE FACULTY.

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

ARTICLE II. OF TUITION.

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

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

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

ARTICLE III. REQUIREMENTS FOR GRADUATION.

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

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

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

† 3. He must file the proper official evidence that during the above-mentioned three years he has matriculated at some affiliated college or colleges, for two regular sessions, and in the course of the same (except as provided in 4) has attended two full courses of instruction on the seven topics mentioned in Article II. But the *latter*, at least, of the two full courses must have been attended at the college issuing the diploma. No two consecutive courses of instruction shall be held as satisfying the above requirements, unless the time between the beginning of the first course and the end of the second is greater than fifteen months.

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

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

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

ARTICLE IV. OF HONORARY DEGREES.

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

* These Articles of Confederation, with the list of Members of the Association, are published in accordance with Art. IX of By-laws.

† By amendment adopted May 31, 1880, at and after the session of 1882-83, attendance upon three years' courses or sessions will be required, instead of two.

ARTICLE V. OF FEES.

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

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

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

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

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

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

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

ARTICLE VI. OF RECOGNITION OF OTHER COLLEGES.

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

ARTICLE VII. ADVERTISEMENTS.

No college shall advertise in any other than a strictly medical publication the names of its professors, with their respective chairs.

ARTICLE VIII. AMENDMENTS.

Amendments to these Articles shall be proposed and adopted in the manner prescribed for amendments to the Constitution.

LIST OF CONFEDERATED COLLEGES.

Jefferson Medical College; Medical Department of University of Louisville; Hospital College of Medicine of Louisville; Medical Department University of Iowa; Chicago Medical College; Medical Department University of Wooster; Detroit Medical College; Cleveland Medical College; Starling Medical College; Medical Department Universities of Nashville and Vanderbilt; Missouri Medical College; Kansas City College Physicians and Surgeons; Miami Medical College; Louisville Medical College; Medical Department Michigan University; Medical Department University of Louisiana; Rush Medical College; Woman's Medical College of Chicago; Texas Medical College and Hospital; Alabama Medical College; Ohio Medical College; Medical College State of South Carolina; Columbus Medical College; Medical College of Evansville; Atlanta Medical College; Cincinnati College of Medicine and Surgery; Medical College of Indiana; Nashville Medical College; Savannah Medical College; St. Joseph's Hospital Medical College; Kentucky School of Medicine.