

1880-81

Michigan College of Medicine

Folder 26

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MICHIGAN COLLEGE OF MEDICINE



CORNER OF ANTOINE AND CATHERINE STREETS, AND GRATIOT AVENUE,
DETROIT, MICH.

○ ANNOUNCEMENT FOR SESSION OF 1880-81. ○

REGULAR SESSION COMMENCES ON THE FIRST TUESDAY IN SEPTEMBER, 1880,
AND WILL CONTINUE SIX MONTHS. THE SPRING SESSION COM-
MENCES ON THE SECOND TUESDAY IN MARCH, 1881,
AND WILL CONTINUE FOURTEEN WEEKS.

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Professor of General Chemistry.

E. J. McPHARLIN, M. D.,
Demonstrator of Anatomy.

WILLARD CHANEY, M. D.,
Assistant to the Chair of Physiology and Laryngology.

GUS. SCHULENBURG, M. D.,
Prosecutor to the Chair of Surgery.

ANNOUNCEMENT.

The MICHIGAN COLLEGE OF MEDICINE was founded in the interests of the cause of higher medical education. Had it no higher aim than to admit students with no other qualification than a certificate of good character, and to graduate them at the end of two sessions with the superficial knowledge of medicine which, it is feared, is too generally deemed a sufficient qualification for graduation, it would feel called upon to offer an apology for adding another to the long list of medical colleges already working under State charters. Under the existing status of medical education, however, it not only does not deem an apology necessary, but it regards such institutions as it aims to be, and as its matriculation examination and curriculum pronounce it to be, as positively demanded, both by professional opinion and the requirements of American medicine.

The doors of the entrance to the study of medicine have been too wide open, and although in the earlier history of this country it may not have been possible to supply the demand for medical practitioners from the educated classes, this condition of affairs has ceased to exist. It is, indeed, probable that the readiness with which uneducated persons are admitted to the profession is a reason why young men of higher literary attainments do not more generally seek admission. The standard of matriculation examination adopted by the Michigan College of Medicine affords a fair test of the mental training essential to a profitable study and adequate comprehension of scientific truths. The College is happy to state that this standard has been recognized by the General Medical Council of Great Britain and Ireland, and that its matriculants are thus permitted to continue their studies in that country without again being obliged to matriculate.

The period of study in the Michigan College of Medicine has been fixed at three years, in each of which the student will be required to attend a course of lectures of six months. In addition to this requirement, a spring session of fourteen weeks has been added to the regular course of lectures; this spring course is at present optional, although very strongly recommended by the faculty. To afford an opportunity to those who desire to especially qualify themselves in any of the specialties of medicine, or

who may elect to extend their study of general subjects, a fourth year (optional) has been added to the curriculum.

The graded system of studies has been adopted throughout, the students being arranged into Freshman, or first year, Junior, or second year, and Senior, or third year, classes. Each of these classes will have specified subjects assigned to it, proficiency in which will be a pre-requisite to advancement to a higher grade.

All teaching, whether in the regular or in the spring, or optional, sessions, will be conducted by the regular corps of professors.

CLINICAL TEACHING.

The faculty are deeply impressed with the important part which clinical teaching must bear in the higher medical education, as they also are with the ineffectiveness of such teaching as usually conducted. They will make it a feature of this teaching in this College to afford the student, through actual attendance on patients, an opportunity of familiarizing himself with disease. To this end the Trustees have founded a Clinical Hospital in the College building. This Hospital is not supplied with the amphitheatre in which clinical teaching is ordinarily conducted, and in which the student's knowledge of symptoms is derived, solely, from the statements of the professor. The student in this College will be taken to the bedside, where, through actual contact with the patient, he will be required, under the supervision of the clinical professor, to make such examination as will familiarize him with the phenomena of disease.

In addition to the advantages furnished by the Clinical Hospital, there is in the College building a large Free Dispensary. This Dispensary is very largely attended. During the quarter ending July 1st, there were treated here upwards of 1,000 cases. The same method is pursued with students at the Dispensary as in the Hospital.

The Michigan Eye and Ear Infirmary, under the directorship of the Professor of Diseases of the Eye, also furnishes a large supply of clinical material, which is utilized to the advantage of students in this College. During the quarter ending July 1st there were treated at this Infirmary upwards of 250 new cases.

A great advantage connected with the Hospital and Dispensary, in which the clinical teaching of this College is conducted, is the fact of their central location and their being in the College building, thus effecting a saving to the student of much time which would be lost in visiting dispensaries and hospitals situated miles apart.

LIBRARY, READING-ROOM AND MUSEUM.

A commodious and well-furnished reading-room, also in the College building, is at the disposal of the students. The library is supplied with works of reference both on medicine and the collateral sciences, and with the current medical periodical literature. The museum, connected with the reading-room, will contain a collection of the medicinal plants and such anatomical and pathological specimens as may from year to year be acquired.

The students will also have the privilege of consulting, without charge, the Public Library, near the College, which contains upwards of 37,000 volumes, among which are numerous valuable works on medicine and the natural sciences.

LECTURES AND INSTRUCTIONS.

There will be five lectures delivered daily during the regular session, and inasmuch as universal experience has demonstrated the importance of frequent examinations, the students will be "quizzed" at each lecture on the more important points of the previous lecture. In addition to this, special hours will be frequently devoted to a thorough examination on the subjects of the several lectures immediately preceding. These examinations will be conducted without extra fee from the student.

With the importance of clinical instruction constantly in view, the Faculty have established a Chair especially devoted to this object, and in addition to the usual course of lectures on practice of medicine and the instruction given at the bedside and in the dispensaries, a course of lectures will be given on symptomatology and the application of symptoms to the forming of diagnosis.

The importance which attaches to a thorough knowledge of the diseases peculiar to children is apparent from the fact that a large percentage of the physician's practice consists in their treatment. This subject, from its very nature, demands more attention than is usually given it in medical colleges, and this College has created a Chair to be exclusively devoted to it. In this way only can it receive the attention which its importance demands.

Several wards of the Hospital are set apart for the treatment of surgical diseases and accidents. They are furnished with a full supply of surgical instruments and appliances, and students will be afforded the fullest opportunity of a daily inspection of the subsequent treatment of cases operated on and of assisting in the dressing of wounds.

In addition to the usual didactic lectures on *materia medica* and therapeutics, especial attention will be paid to familiarizing students with the physical properties of drugs. To this end samples of the articles discussed will be placed in the hands of the class at each lecture. Students will also be required to assist in the dispensing of drugs on the prescriptions of the professors at the dispensary.

The course of Chemistry will be as complete as the increasing importance of this subject in the physician's education demands. An intelligent comprehension of chemistry can only be attained through the experimental method superadded to didactic teaching, and this College has provided for this purpose a Laboratory fully equipped with the latest and most approved appliances. Each student will be furnished with a table and all the apparatus requisite to chemical manipulation. The course in medical chemistry will embrace an investigation of the organic proximate principles of the animal economy, an analysis, quantitative and qualitative, of the secretions and excretions and the detection of poisons.

Obstetrics will be taught by means of lectures, plates and models, in addition to which members of the senior class will be permitted to attend in rotation such cases as occur in the lying-in-wards of the Hospital, and among the out-patients, who apply to the Hospital for the services of an accoucheur. In all cases the student will have full control, under the supervision of the professor.

The advantages offered to students of this College in gynaecology and diseases peculiar to women, are surpassed by those of no other college in this country. The supply of clinical material is abundant, and it is found possible to utilize sufficient of it to meet all the requirements of the student. Especial opportunities are afforded for both digital and instrumental examinations, and for assisting the professor in his operations and treatment. A ward of the Hospital is set apart for the care of cases coming under this head.

The Michigan Eye and Ear Infirmary on the opposite side of the street from the College, furnishes ample opportunities for the clinical study of ophthalmology and otology. A regular didactic course will also be given on these subjects.

A clinic for Diseases of the Throat is regularly held at the College Dispensary, and students will be carefully instructed in the use of the laryngoscope.

Daily clinics will be held at the College Dispensary by the professor of diseases of the skin.

Hygiene and Sanitary Science have during the past few years assumed a position of such importance, both in professional and public estimation, as to demand a fuller consideration of them than is usually accorded. The Michigan State Board of Health will, hereafter, grant certificates to such physicians as pass a satisfactory examination on subjects connected with Sanitary Science. Doubtless other State Boards of Health will also soon issue such certificates. A special course of lectures on these subjects will be given in this College.

The facilities for the study of Practical Anatomy afforded by this College are unsurpassed. The dissecting room, built especially for the purpose, is detached from the main building, and is a model of convenience, being large, well ventilated and lighted from the top. It is furnished with all the improvements necessary to cleanliness and the health of the students. The demonstrator of anatomy will be in regular attendance during working hours. Material will be furnished at moderate prices.

MATRICULATION.

All students entering the Michigan college of medicine will be required to pass a satisfactory examination in the following subjects:

1. English Grammar.
2. English Composition (a short composition upon any subject).
3. Arithmetic to, and including, common and decimal fractions.
4. Algebra to, and including, simple equations.
5. Geometry, first two books.
6. General Geography and History of the United States.
7. Latin Grammar and translation of easy Latin prose.
8. Optional studies (one of which will be accepted in lieu of any one of the above studies, except English Grammar, Composition and Latin), Greek, French, German, Elementary Physics, Botany or Zoology.

The above is essentially the same as the examinations for admission to the English medical colleges.

Any student failing in one only of the above subjects, will be admitted to the College, and will be given an opportunity to make up his deficiency.

Any person who has received a diploma from any high school, normal school, academy, college or university will, on presentation of the same, be admitted without examination, as will also students who have been admitted to other medical colleges whose standard of matriculation is recognized by this college.

The Committee on Matriculation Examination will meet at the College building, on September 3, and weekly thereafter, at 12 o'clock noon.

CURRICULUM.

FRESHMAN YEAR.

Anatomy, with Dissections.	Physiology.
Chemistry (Inorganic), Theoretical and Practical.	Materia Medica. Physics (Heat, Light and Electricity).

JUNIOR YEAR.

Physiology (continued).	General and Surgical Anatomy.
Medical Chemistry, Therapeutics.	Principles of Surgery.
Principles of Medicine and Pathology.	

SENIOR YEAR.

Practice of Medicine and Clinical Medicine.	Hygiene. Dermatology.
Surgery and Clinical Surgery.	Ophthalmology.
Obstetrics.	Otology, Laryngology.
Diseases of Women and Children.	Medical Jurisprudence.
Genito-Urinary Diseases.	

At the end of the first winter session, first course students will be examined on General Chemistry, Physics, Physiology and Descriptive Anatomy. Any student failing to pass in one only of these studies, will be permitted to enter the second year on condition that he make up his deficiency within a limited time. Any student failing in two or more of the subjects of examination will be obliged to review the studies of the first year, and will not be permitted to enter the class of the second year. In such case no fees are required for the year spent in review.

At the end of the second winter session, second course students will be examined on Medical Chemistry, Practical Physiology, Materia Medica, Therapeutics, Histology, Pathology and General and Surgical Anatomy. Any student failing to pass a satisfactory examination in more than one of these subjects, will not be permitted to enter the senior, or graduating class, but will be obliged to review the studies of the second year. No fees will be required for time spent in such review.

Any student who has attended a full course of lectures in any recognized medical college will be admitted to the second class, provided he pass the matriculating examination and also the examination of this College for first course students. Any student who has attended two full courses of

lectures at any recognized medical college, will be admitted to the graduating year, if he pass the matriculation examination, and also the examinations for the first and second years respectively.

CONDITIONS FOR GRADUATION.

The candidate for graduation must be twenty-one years of age, must present evidence of good moral character, and proof of having spent three years in the study of medicine and surgery, under the supervision of some reputable physician, who is himself a graduate of some regular and recognized medical college. He must also present evidence of having attended three full courses of lectures in some regularly organized college of medicine and surgery, the last of which must have been in the Michigan College of Medicine; and if he have passed the examinations required by this College for first and second course students, he must also pass a satisfactory examination upon the following subjects: Principles and Practice of Medicine, Clinical Medicine, General and Special Surgery, Obstetrics, Diseases of Women and Children. Hygiene and Medical Jurisprudence.

For the session of 1880-81, *only*, an exception to the above conditions will be made in favor of students who have attended one full course of lectures in a recognized college which requires but two courses of lectures for graduation. In such case the student will be admitted to the graduating class upon passing the matriculation examination and the examinations required by this College for first and second course students respectively. Graduates of other recognized medical colleges will be admitted to the graduating class upon passing the matriculation examination.

While the students will be expected to pay special attention to the studies of the year for which they enter, they will be permitted to attend all the lectures and clinics.

TEXT BOOKS.

The following are the text books which the Faculty would recommend to students who may not already have provided themselves with other standard works:

PRACTICE OF MEDICINE—Bristow, Aitken, Roberts, Flint's Clinical Medicine, Reynolds' System of Medicine.

SURGERY.—Bryant, Erichsen, Gross, Billroth on Pathology.

OBSTETRICS—Leishman, Playfair, Hodge, Barker on Puerperal Diseases.

ORTHOPEDIC SURGERY—Sayte.
 MATERIA MEDICA AND THERAPEUTICS—Stillé, H. C. Wood, Ringer.
 DISEASES OF WOMEN—Barnes, Emmett, Thomas.
 DISEASES OF CHILDREN—West, Smith, Ellis.
 CHEMISTRY—Elliott, Storer, Attfield, Wurtz, Fresenius, Prescott,
 Vaughn, Greene, Taylor.
 PHYSIOLOGY—Dalton, Carpenter, Foster.
 DISEASES OF GENITO-URINARY SYSTEM—Bumstead and Taylor, Van
 Buren and Keyes.
 DISEASES OF THE SKIN—Piffard, Fox, Duhring.
 HYGIENE AND SANITARY SCIENCE—Wilson, Parkes.
 ANATOMY—Gray.
 DISEASES OF THE EYE—Wells, Schweigger, Nettleship.
 DISEASES OF THE EAR—Roosa, Burnett.
 DISEASES OF THROAT—Cohen, Browne.

F E E S .

MATRICULATION FEE (paid but once),	\$ 5 00
ANNUAL FEE (including tickets for Regular and Preliminary Terms),	50 00
FOR PRELIMINARY (OR OPTIONAL) TERM to students who do not attend the Regular Term,	15 00
GRADUATION FEE,	20 00

Chemicals in Laboratory and Anatomical Material at reasonable rates.

GENERAL REMARKS.

DETROIT, with its immediate suburbs, is a city of 135,000 inhabitants, situated on the banks of the Detroit river, and on the chain of the great North American lakes. It is universally conceded to be one of the most beautiful, if not *the* most beautiful, of American cities. It is on the highway between the Eastern and Western States, and easily accessible from all parts of the country. It is the commercial metropolis of Michigan, a large manufacturing center, and is growing very rapidly, having during the past ten years added nearly 50,000 to the number of its inhabitants.

The college building of the MICHIGAN COLLEGE OF MEDICINE is one of the most elegant and convenient in the country. It is situated in the very centre of the city and accessible from the railway depots by the street railways

With all its advantages as a residential city the cost of living is not higher than in smaller places. Board and rooms can be obtained at an average price of \$4.00 per week. The janitor of the College building will furnish students with a list of desirable boarding houses.

Students in coming to the city may call at the office of any of the professors, whose addresses are given elsewhere, or go directly to the College building, corner of Gratiot Avenue and Antoine street.

For further particulars address,

J. J. MULHERON, M. D.,
Registrar

NAMES OF MATRICULANTS.

The following is a list of students who, up to this date (July 15th), have matriculated for the session of 1880-81. With a few exceptions these students have also attended the Spring course of lectures at this College:

NAME.	RESIDENCE.	PRECEPTOR.
Aulde, John Jr.	Michigan.	Dr. Hal. C. Wyman.
Abbott, Wm. W.	Michigan.	Dr. D. McLeod.
Anderson, W.	Michigan.	Dr. D. McLeod.
Boland, R. J.	Michigan.	Faculty.
Black, Josiah.	Ontario.	Dr. Chamberlain.
Bates, Octavia W.	Michigan.	Dr. Wm. C. Gustin.
Connell, Franklin J., Jr.	Michigan.	Dr. J. E. Clarke.
Cree, Walter J.	Michigan.	Dr. J. J. Mulheron.
Cole, Wm. L.	Michigan.	Dr. H. J. Reynolds.
Carey, A. W.	Michigan.	Dr. C. Carey.
Dowling, Clara E.	Michigan.	Dr. D. McLeod.
Ewing, Fred. W.	Iowa.	Dr. Wm. C. Gustin.
Finlayson, A. W.	Michigan.	{ Dr. A. L. Seaman. Dr. D. McLeod.
Gawley, Geo. C.	Michigan.	Dr. D. La Ferté.
Hunter, Robert A.	Michigan.	Dr. Mater.
Haelmann, Bessie E.	Michigan.	Dr. C. C. Yemans.
Law, Geo. W.	Michigan.	Faculty.
Mason, James.	Michigan.	Dr. Wilcox.
McGrew, Henri G.	Sandwich Islands.	Dr. Wm. Brodie.
Meredith, Wm. W.	Michigan.	Dr. J. B. Book.
Mottram, J. H. H.	Michigan.	Dr. S. Kirving.
Nelson, E. H.	Michigan.	Dr. H. F. Lyster.
Noyes, Ida L.	Michigan.	Dr. D. McLeod.
Pasco, Mark S.	Michigan.	Dr. Wm. Brodie.
Plessner, Paul.	Michigan.	Faculty.
Pitcher, Zina.	Michigan.	Dr. Wm. Brodie.
Rickey, E. A. P.	Michigan.	Dr. H. F. Lyster.
Rankin, Anna S.	Michigan.	Dr. C. C. Yemans.
Seitz, Fred. C.	Michigan.	Dr. J. B. Book.
Shackleford, F. W.	Ohio.	Dr. C. S. Cope.
Spencer, B. C. H.	Michigan.	{ Dr. Wm. C. Gustin. Dr. J. B. Book.
Shattuck, G. S.	Michigan.	Dr. J. M. Morris.
Utter, L. J.	Minnesota.	Dr. W. H. Leonard.
Watson, David M.	Michigan.	Dr. F. L. Tiffany.
Weaver, Frank A.	Michigan.	Dr. Geo. E. Ranney.
Weaver, John B.	Michigan.	Dr. J. H. Bartholomew.