

## Faculty of Medicine.

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The Principal, (ex-officio.)

Professors,—CAMPBELL.

FRASER.

SCOTT.

WRIGHT.

HOWARD.

MCCALLUM.

CRAIK.

FENWICK.

DRAKE.

Dean of the Faculty,—G. W. CAMPBELL, A.M., M.D.

Registrar,—R. CRAIK, M.D.

Demonstrator,—DR FULLER.

Matriculation Examiner of the Faculty,—Professor H. ASPINWALL HOWE, M.A.

The thirty seventh Session of the Medical Faculty of the McGill University will be opened on Tuesday, 2nd November, 1869 : with a general introductory Lecture at 11 A.M. : the regular Lectures will commence on Wednesday the 3rd Nov. at the hours specified in the time table, and be continued during the six months following.

The class tickets for the various courses are accepted as qualifying candidates for examination before the Universities and Colleges of Great Britain and Ireland, and also before the Medical Boards of the Army and Navy.

To meet the circumstances of General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master in Surgery." This designation is also appropriate, as it agrees with the general nature and character of the previous curriculum demanded of the candidates for this double rank, as is fully specified hereafter. The degree is received by the College of Physicians and Surgeons of Lower Canada.

To intending students desirous of information upon the best man-

ner of pursuing their studies, the following suggestions are made by the Faculty :—

(1.) Exclusively of general education, professional reading for some time previously to matriculation is advised as a preparation, whereby familiarity with technical terms will be gained, and an insight obtained into the subjects to be brought under notice during lectures.

(2.) Though three years constitute the shortest time required for College attendance, yet the student is at liberty to extend this as much farther as he pleases; the addition of a year, or even two, is considered to be a great benefit, for it obviates the crowding of branches within too brief a term, and permits of a more extensive attainment of the topics they embrace.

(3.) Attention is recommended to be given during the first Session to the primary branches entirely; during the Second Session an increase is proper, and two of the final courses may be profitably conjoined with such of the antecedent as are required; while during the remaining period further advance is to be made by completing the curriculum required of the candidate for graduation. Clinical courses should not be taken out during the first Session.

Matriculation is necessary every Session : it is required upon entrance or as nearly afterwards as possible, and always before any class tickets are procured. The time fixed for closing the Register is annually in the month of December. Class tickets are payable in advance, and if not taken out within the prescribed period of the current session, will not be granted after its expiration.

The ample and varied means which are placed at the disposal of the student by this school, together with the large hospitals in connection with it, are briefly referred to in the following pages.

### COURSES OF LECTURES.

The number of Professors in the Faculty is nine; the number of Classes, ten; two of the classes (often conjoined in European Schools) being held by one Professor.

1. ANATOMY.—[Prof. Scott]—The fresh subject is chiefly employed in the illustrations of the Lectures in this branch, aided however, by dried preparations, wax models, plates, full size of life, &c.

The dissecting Room, which is large and well ventilated and supplied with every convenience, is under the direction of the Professor of Anatomy, aided by the Demonstrator. It is open from 8 a.m. to 10 p.m., and is lighted with gas.

2. CHEMISTRY.—[Prof. Craik]—Inorganic Chemistry is fully treated; and a large portion of the course is devoted to Organic Chemistry and its relation to Physiology. The branches of Physics bearing upon or connected with Chemistry, also engage the attention of the class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air Pump—Oxy-Hydrogen Microscope—Polariscope—extensive series of Crystal models—Electrical and Galvanic apparatus, &c., &c.

3. MATERIA MEDICA.—[Prof. Wright]—This course is illustrated from a cabinet of Pharmacological objects; by plates of Medicinal Plants, [Wagner, Roque, Stevenson and Churchill]—by dried specimens; by carefully prepared Microscopical objects, &c., &c. Analytical experiments with the ordinary re-agents are also shown; and diagrams with other illustrations, are used. \*

4. INSTITUTES OF MEDICINE.—[Prof. Fraser]—In this course are comprised *Histology, General Pathology, and General Therapeutics*. The minute Structure and Composition of the various Organs, and the Fluids and Tissues of the body in health and disease, are explained and illustrated by Microscopic Preparations, Plates and Preparations from the Museum.

5. PRACTICE OF MEDICINE.—[Prof. Howard]—The extensive series of plates contained in the Library, (Lebert, Cruveilhier, Carswell, Hope, Alibert, Willan, Bateman, &c., &c.) will be employed; also Morbid preparations and models of diseased parts.

6. SURGERY.—[Prof. Campbell]—Divided into Principles and Practice, including Surgical Anatomy and Operative Surgery, exhibited on the subject. Quain's large plates, Maclise, Dalrymple, &c. The various surgical instruments and apparatus exhibited, and their uses and applications explained and practically illustrated.

\*The Professor's herbarium has been enriched during the present year, 1869, with a number of beautifully prepared specimens of medicinal plants indigenous to the Ottawa country,—the gift of Dr. Sidney P. Cooke, Ottawa, formerly a member of the class and one of this year's graduates, by whom they were collected and mounted.

7. **MIDWIFERY.**—[Prof. McCallum]—Including diseases of females and infants, illustrated by a series of drawings on a large scale ; by humid preparations ; by models in wax ; and by the use of the artificial Pelvis.

8. **MEDICAL JURISPRUDENCE.**—[Prof. Fenwick]—Includes Toxicology—the modes of testing for poisons are exhibited, and post-mortem appearances illustrated by plates—Insanity, Public Hygiene, and Medical Police are touched upon.

9. **CLINICAL MEDICINE.**—[Prof. Drake]—Taught by lectures and at the bedside—Physical Diagnosis taught practically, and each pupil invited to take part in it. Examinations of the urine, chemically and microscopically explained and illustrated.

10. **CLINICAL SURGERY.**—[Prof. Fenwick]—Taught in similar manner. For both these classes ample material is afforded by the cases at the Montreal General Hospital.

11. **BOTANY AND ZOOLOGY.**—[Prof. Dawson]—In addition to the above classes, Students are required to attend one course of Botany, on which subject separate Lectures are delivered to Medical Students. Medical Students will also have access to the Lectures in Zoology in the Faculty of Arts. For details see announcement of the Faculty of Arts.

Prizes will be awarded at the end of each Session, to Students in Botany and Zoology, of the class of the previous Session, for the best *Named Collections* illustrative of the Flora of Canada or of Fossil Invertebrata, Insects or Marine Invertebrata. The collections, or duplicates of them, to remain in the College Museum,

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#### LIBRARY AND MUSEUM.

The Library contains upwards of 4,000 volumes, including the most useful books of reference, as well as the most elementary ones: the works of the older authors as well as the most recent. It is open to the Students without charge, under necessary regulations for the care of the books. The museum contains a large number of preparations, chiefly Pathological ; also, wax and papier maché models.

## HOSPITALS.

The Montreal General Hospital is visited every day by the Medical officers in attendance. After the visit, a large number of out-door patients are examined and prescribed for. The fee for a six month's ticket is Six Dollars; for perpetual, Sixteen Dollars.

The Operating Room (used also for a lecture room) is so constructed as to suit the convenience of the students in obtaining a good view of the operations going on.

The University Lying-in Hospital is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures, are furnished with cases in rotation. The Fee for a Six month's ticket is Five Dollars.

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 PAST SESSION.

The total number of Students in the past Session was 151—of these there were from Quebec, 58; Ontario, 81; Newfoundland, 2; Nova Scotia, 5; New Brunswick, 1; Prince Edward Island, 3; United States, 1.

The number of Students who passed their Primary Examination, which includes Anatomy, Chemistry, Materia Medica, Institutes of Medicine, and Botany or Zoology, was 36, alphabetically arranged as follows:—

Backhouse, John B.	Simcoe, O.
Baird, James	Fitzroy Harbor, O.
Barclay, George E.	London, O.
Bergeron, Joseph	St. Marie, Q.
Buckley, Wm, P.	Prescott, O.
Case, Wm. H.	Hamilton, O.
Clarke, Richard A.	Trafalgar, O.
Clarke, Octavius H. E.	Montreal, Q.
Cluness, Daniel	East Williams, O
Collins, Charles W.	Quebec, Q.
Comeau, John B,	River David, Q.
Corlis, Josiah	Simcoe, O.
Cowley, Thomas	Ottawa, O.
Dunsmore, John M.	Mitchell, O.
Faulkner George W.	Belleville O.
Graham, Adam C.	Fort Erie, O.

Henderson, Alexander A.	Fitzroy Harbor, O.
Howitt, Wm. H.	Montreal, Q.
Loux, Wm.	Ottawa, O.
Levitt, William	Ancaster, O.
MacFarlane, Wm.	Clarendon, O.
Main, John R.	Melbourne, Q.
Marston, Alonzo	Hull, O.
Mathieson, Neil	Embros, O.
McEwen, Finlay	Ashton, O.
McIntosh, Donald J.	Vankleek Hill, O.
McNab, Francis A. L.	Ottawa, O.
Miller, Robert	Galt, O.
Moore, Robert C.	London, O.
Perrigo, James	Montreal, Q.
Rooney, Robert F.	Compton, Q.
Seager, Francis R.	Sarnia, O.
Stafford, Wm. A.	Montreal, Q.
Stevenson, Robert A.	Cayuga, O.
Sutherland, William	Montreal, Q.
Youker, William	Belleville, O.

The following are the names of Students presented for the Degree of M.D., C.M., their residences, and the subjects of their Theses :

NAMES.	RESIDENCES.	THESES.
ALLOWAY, THOMAS JOHNSON,	Montreal, Que.	Pyæmia.
ARCHER, THOMAS,	" "	Opium.
ARDAGH, JOHNSON,	Orillia, On.	Hysteria.
BAYNES, GEORGE AYLMEY,	Montreal, Que.	Variola.
BRADLEY, WILLIAM,	Fenagh Vale, On.	Necrosis.
BUCKLE, JOHN M. C.	Ottawa, On.	Mortification.
BULL, GEORGE JOSEPH,	Montreal, Que.	Amblyopia.
CAMPBELL, JOHN,	Usborne, On.	Alcohol in Health.
CHERRY, WILLIAM,	York Mills, On.	Dysentery.
CLEMENT, VICTOR A.	St. Guillaume, Que.	Menstruation & Amenorrhœa.
COLLINS, CHARLES W.	Quebec, Que.	Circulation of the blood.
COOKE, SIDNEY P.	Ottawa, On.	Indigenous Medicinal plants of the Ottawa Country.
CORLIS, JOSIAH,	Simcoe, On.	Carbolic Acid.
COX, FRANK,	Charlottetown, P.E.I.	Digestion.
DANSEBEAU, CHARLES,	Vercheres, Q.	Inflammation.
FINNIE, JOHN T.	Montreal, Q.	Diphtheria.
FRALEIGH, WILLIAM S.,	Picton, On.	Influenza.
FRASER, DONALD M.,	London, On.	Stricture of the Urethra.
HAMMOND, JAMES H.,	Montreal, Q.	Epidemic Cholera.
HARKNESS, ANDREW,	Matilda, O.	Ovariectomy.

HUFF, J. H., L. R. C. S. I.	1st Batt. Rifle Brig.	Suppurative Infn. Liver.
KEEFER, WILLIAM N., B. A.	Galt, On.	Gunshot Wounds.
KITTSON, JOHN G.,	Minnesota, U. S.	Animal and Vegetable Nutrition.
LUCUS, THOMAS D'ARCY,	Wellington, On.	Trichiasis.
MACCRIMMON, DONALD A.	Logan, On.	Tabes Mesenterica.
MACFIE, JAMES,	Clarenceville, Que.	Cholera Infantum.
McFARLANE, WILLIAM,	Clarendon, Que.	Uterine Hæmorrhage.
MCKAY, JOHN,	South Finch, On.	Typhoid Fever.
MCLAREN, PETER,	New Perth, On.	Phthisis Pulmonalis.
MCNEECE, JAMES,	Quebec, Que.	Cod Liver Oil.
MCTAGGERT, ALEX.	East Williams, On.	Cholera Infantum.
MEANE, JOHN, M.R.C.S.L.,	78th Highlanders,	Dysentery.
MOORE, ROBERT C.	London, On.	Necrosis.
MORRISON, DAVID R.	Montreal, Que.	Erysipelas.
PROUDFOOT, ALEX.	Southampton, On.	Opium.
RODGER, THOMAS A.	Montreal, Que.	Puerperal Hæmorrhage.
SCHOLFIELD, DAVID T.	Fonthill, On.	Stricture of Urethra.
STEWART, JAMES,	Ottawa, On.	Physiology and Pathology Blood.
TABB, SILAS E.	Montreal, Que.	Diarrhœa Infantum.

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### PRIZES.

The Medical Faculty Prizes consists first of the Holmes Gold Medal, founded by the Faculty in Honour of their late Dean, and two prizes in Books for the best Primary and best Final Graduation Examination.

THE HOLMES MEDAL, was gained by THOMAS D. LUCUS, of Wellington, Ontario.

THE PRIZE FOR THE BEST EXAMINATION in the Final Branches was awarded to ANDREW HARKNESS, of Matilda, Ont., and in the Primary Branches to ALEX. A. HENDERSON, of Fitzroy Harbour, Ont.

The Gentlemen whose Theses and Examinations were considered sufficiently meritorious to entitle them to compete for the Medal, were Messrs. Harkness, Cherry, Bull, Stewart, McKay, Cooke, Finnie, Buckle and Keefer.

The Gentlemen who passed the best Examinations in the Primary Branches, were Messrs. Youker, Sutherland, Backhouse, Baird, Loux and Stevenson. The names in the above Lists are in order of merit.

#### IN PRACTICAL ANATOMY—DEMONSTRATOR'S PRIZES.

*Senior Class.*—1st Prize—Andrew J. Cattanach.

2nd " Henry R. Brissett.

*Junior Class.*— " George A. Stark.

THE PRIZES IN NATURAL HISTORY were:

BOTANY.—1st Prize, Hamilton Allan. 2nd. Prize,—Gideon Duncan.

## EXTRACTS FROM THE REGULATIONS.

§ 1. *Courses of Lectures, Fees, &c.*

1st. Each Professor shall deliver at least five Lectures during the week, except in the classes of Clinical Medicine and Clinical Surgery, in which only two Lectures shall be required; and in that of Medical Jurisprudence, if extended through six months, in which case three Lectures a week will suffice.

2nd. Each Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures; and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

5th. All tickets which have not a Certificate of attendance attached, shall be rejected when presented as testimonials previous to examination, unless the omission shall be satisfactorily accounted for.

6th. The Fee for each class shall be \$12, with the following exceptions; for that of Medical Jurisprudence, \$10; For those of Clinical Medicine and Clinical Surgery, \$6 each, for Botany and Zoology, \$5. The class fees are payable in advance.

7th. Any Student, after having paid the Fees, and attended two courses of any class, shall be entitled to a perpetual ticket for that class.

8th. The course of all the Classes, except those of Clinical Medicine, Clinical Surgery and Medical Jurisprudence, shall be of six month's duration; the classes of Clinical Medicine and of Clinical Surgery, of three month's duration; and that of Medical Jurisprudence, either of three month's duration, in which case Five Lectures a week shall be given, or of six month's duration, in which case only three Lectures a week shall be required.

9th. The courses shall commence on the first Monday in November, and with the exception of a vacation at Christmas, shall continue to the end of April.

10th. The Matriculation Examination shall be that recommended by the Council for Medical Education and Registration of Great Britain. Examinations, in conformity therewith, will be held the first Saturday in November and the last Saturday in April of the current Session. Applications may be made to the Registrar of Faculty till the evening of the previous day. The requirements of the new standard for matriculation are:—"Compulsory—English Language, including grammar and composition; Arithmetic, including vulgar and decimal fractions; Algebra, including simple equations; Geometry, first two books of Euclid; Latin translation and grammar; and one of the following optional subjects:—"Greek, French, German, Natural Philosophy, including mechanics, hydrostatics, and pneumatics."

Graduates in arts of recognized Universities are not required to submit to the matriculation examination.



**§ 2. Qualifications and Studies of Students and Candidates for the Medical Degree.**

1st. All Students desirous of attending the Medical Lectures, shall at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Matriculation for which each Student shall pay a fee of \$2.

2nd. The said Register shall be closed on the 31st day of December, in each year, and no tickets obtained from any of the Professors shall be received without previous matriculation.

3rd. No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not either: 1st, having attended Lectures for a period of at least four Sessions in this University, or some other University, College, or School of Medicine, approved by this University; or 2ndly, have studied Medicine, during at least four years, and during that time have attended Lectures for a period of at least three Sessions, either in this University or some other University, College, or School of Medicine, approved by this University.

4th. Candidates for the final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz:

*Anatomy,  
Chemistry,  
Materia Medica and Pharmacy,  
Institutes of Medicine,  
Principles and Practice of Surgery,  
Midwifery and Diseases of Women and Children,  
Theory and Practice of Medicine,  
Clinical Medicine,  
Clinical Surgery,  
Practical Anatomy,*

*Of which two Courses  
will be required, each  
of six months duration.*

*Medical Jurisprudence,  
Botany and Zoology,*

*Of which one Course will  
be required, of three  
months duration.*

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated may be presented and accepted.

5th. The Candidate must give proof by ticket of having attended during twelve months the practice of the Montreal General Hospital, or that of some other Hospital, approved by the University.

6th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in Hospital approved of by this University, and of having attended at least six cases of accouchment.

7th. No one shall be permitted to become a Candidate for examination who shall not have attended at least One Session of this University, and during that Session one full Course of all the branches included in its curriculum.

8th. Courses of less length than the above will only be received for the time over which they have extended.

9th. Every Candidate for the degree must on or before the first day of April present to the Dean of the Medical Faculty testimonials of his qualifications,

entitling him to an examination, and also a Theses or inaugural dissertation, written by himself, on some subject connected with Medical or Surgical Science either in the Latin, English, or French Language. He must at the same time deliver to the Dean of the Faculty the following Certificate :--

MONTREAL,——18--

I the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years (or if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day), and that I am not (or, shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary. [Signed,] A.B.

10th. The trials to be undergone by the Candidate shall be :

(1.) The private examination of his Theses as evidence both of Medical and general acquirement, followed [if approved] by its public defence.

(2.) A general examination on all the branches of Medical and Surgical Science, oral, and by written papers.

(3.) The Clinical Professors shall conduct the examinations of members of their classes at the bedside, submitting to them cases for diagnosis and treatment in the wards of the Hospital; they shall also in estimating the standing of members of their classes, and the number of marks to be awarded, take into account the regularity of their attendance and the diligence and care they evince in reporting cases.

These examinations will be divided into Primary and Final, the former comprehending the branches of Anatomy, Chemistry, Materia Medica, Institutes of Medicine, and Botany or Zoology; the latter, those of Practice of Medicine, Surgery, Midwifery, and Medical Jurisprudence. It will be optional with the student to present himself for the primary examination at the end of the third session, or the third year.

11. The following Oath or affirmation, will be exacted from the Candidate before receiving his Degree.

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis McGill.

Ego, A——B——; Doctoratus in Arte Medica titulo jam donandus, Sancto coram Deo eordium scrutatore, spondeo, me in omnibus grati animi officiis, erga hanc Universitatem ad extremum vitæ halitum, perseveraturum, tum porro artem medicam, caute, caste et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

12. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be twenty dollars, to be paid by the successful candidate immediately after examination, together with a Registration Fee of one dollar.

13. The money arising from the Fees of Graduation, as well as those of Matriculation, shall be applied to the enlargement of the Medical Library and Museum, and to defraying their expenses.

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BOOKS RECOMMENDED TO STUDENTS.

**ANATOMY.**—Gray, Wilson, Ellis, Dublin Dissector, Sharpey and Quain.

**CHEMISTRY.**—Silliman, Fownes, Roscoe.

**MATERIA MEDICA.**—Pereira's Manual by Farre, Bentley and Warrington.

**INSTITUTES OF MEDICINE, Physiology.**—Todd and Bowman's Physiological Anatomy. Carpenter, Dalton or Dunglison's Principles of Human Physiology. Kirke and Paget's Manual. *Pathology*,—Williams' Principles of Medicine, Chomel's General Pathology, Jones and Sieveking's or Gross' Pathological Anatomy,

**SURGERY.**—Holmes' Surgery, Miller's do, Gross' do, Erichsen's do, Drutt's do.

**PRACTICE OF MEDICINE.**—Aitken's Science and Practice of Medicine, Wood's Practice of Medicine, Watson's Practice of Physic, Barlow's Practice.

**MEDICAL JURISPRUDENCE.**—Orfila Medicine Legal, Taylor's Jurisprudence, Guy's Forensic Medicine.

**MIDWIFERY.**—Churchill, Ramsbotham, Cazeux.

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N.B.--Boarding may be obtained at from Twelve to Sixteen Dollars per month.

## Lectures in Medicine.---Session 1869-70.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	
INSTITUTES OF MEDICINE, -	9	9	9	9	9		} A.M.
SURGERY, - - - - -	10	10	10	10	10		
MIDWIFERY, - - - - -	11	11	11	11	11		
HOSPITAL, - - - - -	12	12	12	12	12	12	} NOON.
CLINICAL LECTURES, - - -			12			12	
ANATOMY, - - - - -	2	2	2	2	2		} P.M.
MATERIA MEDICA, - - - -	3	3	3	3	3		
PRACTICE OF PHYSIC, - -	4	4	4	4	4		
BOTANY, - - - - -	4				4	9. A.M.	
MEDICAL JURISPRUDENCE,	5		5		5		
CHEMISTRY, - - - - -	7	7	7	7	7		