

ANNUAL ANNOUNCEMENT
OF THE
FACULTY OF MEDICINE
OF THE
UNIVERSITY
OF
MCGILL COLLEGE,
MONTREAL;
FOR THE
TWENTY-SEVENTH SESSION.

1859-60.

27

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1859.

UNIVERSITY OF MCGILL COLLEGE.

VISITOR:

HIS EXCELLENCY THE RIGHT HON. SIR EDMUND WALKER HEAD, Bart., M. A.,
Governor General of British North America, &c.

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REV. EDWARD CLEVELAND, M. A., Principal of St. Francis College.

The Governors of the College are the members of the "Royal Institution for the advancement of Learning," and are nominated by His Excellency the Governor General, under the Act 41st, Geo. 3, chapter 17.

FACULTY OF MEDICINE.

A. F. HOLMES, M.D., LL.D.,

Professor of the Theory and Practice of Medicine, and Dean of
the Faculty.

GEORGE W. CAMPBELL, A.M., M.D.,

Professor of the Principles and Practice of Surgery.

ARCHIBALD HALL, M.D.,

Professor of Midwifery, and the Diseases of Women and Children.

WILLIAM FRASER, M.D.,

Professor of the Institutes of Medicine.

WILLIAM SUTHERLAND, M.D.,

Professor of Chemistry.

WILLIAM E. SCOTT, M.D.,

Professor of Anatomy.

WILLIAM WRIGHT, M.D.,

Professor of Materia Medica and Pharmacy.

ROBERT P. HOWARD, M.D.,

Professor of Medical Jurisprudence and Clinical Medicine.

DUNCAN C. McCALLUM, M.D.,

Professor of Clinical Surgery.

ROBERT CRAIK, M.D.,

Demonstrator of Anatomy.

FACULTY OF MEDICINE.

The Principal (ex-officio.)

Professors,—HOLMES.

CAMPBELL.

HALL.

FRASER.

SUTHERLAND.

SCOTT.

WRIGHT.

HOWARD.

M'CALLUM.

Demonstrator and }
Curator of Museum. } CRAIK.

Dean of the Faculty,—A. F. HOLMES, M.D., LL.D.

The Annual Course of Lectures in the Medical Department of McGill College for the approaching Session of 1859-60, is appointed to commence on the first Monday (7th) of November, and to be continued throughout the winter to the end of April.

The Faculty of Medicine are happy to be able to report the continued and increasing success of their School during the last Session, manifested by a larger attendance of pupils than has ever before occurred. The inscriptions (which are annual) in the Matriculation Register of the Faculty, amounted to ninety-seven. The number of Graduates is also largely above the average of former years. The degree of Doctor of Medicine and Surgery was conferred at the last Convocation on 22 pupils, most of whom had commenced and completed their Medical education at McGill College.

The well-known character of this School renders it unnecessary to enter largely into the advantages which it offers to Students for obtaining a thorough knowledge of their profession,—as evidence of which the Faculty can point with great satisfaction to many of their former pupils holding distinguished situations in different parts of the world. Only a brief notice need, therefore, be given of the mode of instruction and the means at the disposal of the Faculty.

COURSE OF STUDY.

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.

ANATOMY.—(Prof. Scott)—The fresh subject is chiefly employed in the illustration of the Lectures in this branch, aided however, by dried preparations, wax models, plates full size of life, &c. The Dissecting

Room is under the direction of the Professor, aided by the Demonstrator of Anatomy. It is open from 8 a.m. to 10 p.m., being lighted with gas. All the usual conveniences are supplied, and the Demonstrator will be in attendance to assist the pupils in their operations.

2. CHEMISTRY.—(Prof. Sutherland.)—Inorganic Chemistry is fully treated; and a large portion of the course is devoted to Organic Chemistry and its relations 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 Crystallographical models,—Electrical and Galvanic apparatus, &c., &c.

3. MATERIA MEDICA.—(Prof. Wright.)—This course is illustrated by a Cabinet of Pharmacological objects; by Plates of Medicinal Plants, (Roque, Stephenson & Churchill)—by an Herbarium, and by the Microscope (Nacht) and Polariscope for examining Crystals.—Analytical experiments for detecting Adulterations, &c., are also shown.—*Dietetics and Therapeutics* are included in the course.

4. INSTITUTES OF MEDICINE.—(Prof. Fraser.)—Under which are comprised *Histology, Physiology, 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. Holmes.)—The extensive series of plates contained in the Library, (Lebert's great recent work, Cruveilhier, Carswell, Hope, Alibert, Willis, 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 application explained and practically illustrated.

7. MIDWIFERY.—(Prof. Hall.)—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. Howard.)—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. Howard.)—taught by lectures, and at the bed side—Physical Diagnosis taught practically, and each pupil invited to take part in it—Examination of the urine, chemically and microscopically explained and illustrated.

10. **CLINICAL SURGERY.**—(Prof. McCallum.)—taught in a similar manner. For both these Classes ample material is afforded by the cases at the Montreal General Hospital.

Beside the above classes, Students are required to attend one course of Botany and one course of Zoology. These branches are taught by Professors in the Faculty of Arts, and, although the Student is obliged to attend, he is not required to be examined on them.

LIBRARY AND MUSEUM.

The Library contains 2850 volumes, including the most useful books for reference, as well as the recent 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, constantly augmenting, of preparations, chiefly pathological; also, wax and papier maché models.

HOSPITALS.

The Montreal General Hospital contains on an average 90 Patients, who are 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 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.

PAST SESSION.

The number of Matriculated Students in the past Session was 97. Of these, 49 were from Canada West, 43 from Canada East, 1 from Nova Scotia, 2 from Prince Edward Island, and 2 from the United States.

The number of Students who passed the primary Examination, which includes the branches of Anatomy, Chemistry, Materia Medica, and Institutes of Medicine, was 23; as follows:—

MR. LINUS O. THAYER, Montreal	MR. H. ADOLPHE MIGNAULT, St. Denis
" WM. M. H. KING, St. Sylvester	" ALEXANDER AULT, Aultsville
" GEORGE W. HURLBURT, Prescott	" GUSTAVE CHEVALIER, Sorel
" IRVINE BOGART, Belleville	" ADOLPHE ROBILARD, Ottawa
" EDWARD T. ROBERTS, Montreal	" HERBERT H. READ, Minudie, N.S.
" HENRIOT LINDSAY, Cornwall	" HENRY WARREN, Whitby
" CHARLES H. DONNELLY, Hamilton	" HENRY T. TAIT, Melbourne
" STEPHEN WRIGHT, Lochaber	" ROBERT W. BURNHAM, Port Hope
" LOUIS RONTAILLE, Varennes	" GEORGE L. MACKELGAN, Hamilton
" JOHN W. PICKUP, Montreal	" ISRAEL W. POWELL, Port Hope
" JOHN ROLPH MALCOLM, Oakland	" CHARLES BATTERSBY, Toronto
" EDWIN HULEBERT, Prescott	

The number of Graduates this year has exceeded considerably the largest number of any former year. In 1848 the Degree was conferred on Sixteen individuals. At the recent Convocation, held May 5th, Twenty-two Gentlemen received the degree of M.D.

The following list contains the names of the Graduates and of their Inaugural Dissertations or Thesis:—

IRVINE BOGART,	Selloville,	Thesis.
ROBERT W. W. CARROLL,	Woodstock,	Glucosuria.
SAMUEL A. CARTER,	Neison,	Paraplegia.
WILLIAM A. DUCKETT,	St. Polycarpe,	Cirrhosis.
PHILIPPE GIROUX,	Three Rivers,	Corpus Luteum.
ANDREW W. HAMILTON,	Dundas,	Pneumonia.
GEORGE W. HURFURD,	Prescott,	Puerperal Hemorrhage.
WILLIAM M. H. KING,	St. Sylvester,	Acute Laryngitis.
THOMAS KESLER,	Brantford,	Intestinal Worms.
JAMES McINTOSH,	L'Original.	Phtthisis Pulmncialis.
SAMUEL S. MAOKLEM,	Chippawa,	Necrosis.
JAMES J. O'DEA,	Toronto,	Rhus Toxicodendron.
E. GILBERT PROVOST,	Boucherville,	Compression of Brain.
WILLIAM RUMSEY,	Ingersoll,	Vaccine.
EDWARD T. ROBERTS,	Montreal,	Purulent Ophthalmia.
JOHN RAMBAUT,	Do.,	Acute Hydrocephalus.
JAMES STEPHENSON,	Prescott,	Tropical Dysentery.
EDWARD W. SMITH,	Montreal,	Croup.
LINUS O. THAYER,	Do.,	Hysteria.
STEPHEN WRIGHT,	Lochaber,	Strabismus.
WALKER H. MARR.	Simcoe,	Scarlatina.
PATRICK O'LEARY,	Montreal.	Morbus Coxarius.
		Tetanus.

PRIZES.

The Three Prizes granted by the Governors were awarded as follows:

For the best Thesis, the Prize was awarded to Mr. EDWARD W. SMITH, of Montreal, for his Essay on Hysteria.

For the best Examination on the Primary branches, the prize was awarded to Mr. HENRY WARREN, of Whitby.

For the best Examination on the Final branches, the prize was adjudged to Mr. JAMES JOSEPH O'DEA, of Toronto; who last year carried off the prize for the primary branches.

It was thought due to make honorable mention, at the Convocation, of two other Gentlemen who distinguished themselves by excellence in their final examination. These were Mr. JAMES STEPHENSON, of Prescott; and Mr. ROBT. W. W. CARROLL, of Woodstock.

The Professor's Prize in Materia Medica was awarded to Mr. JAMES BATTERSBY, of Toronto.

The Professor's Prize in Clinical Medicine was carried off by Mr. JAMES McINTOSH, of L'Original.

The Professor's Prize in Clinical Surgery for the best six reports of cases, was awarded to Mr. JAMES STEPHENSON, of Prescott; and the prize in the same Class for the best written answers to questions proposed, was adjudged to the same Gentleman.

EXTRACTS FROM THE REGULATIONS OF THE FACULTY.

CHAP. I.

Relative to the 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 of 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 shall 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 can be satisfactorily accounted for.

6th. The Fee for each class shall be Three Pounds currency, with the following exceptions: for that of Medical Jurisprudence, Two Pounds Ten shillings; and for those of Clinical Medicine and Clinical Surgery, One Pound Ten Shillings, each.

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 months' duration; the Classes of Clinical Medicine and of Clinical Surgery of three months' duration; and that of Medical Jurisprudence, either of three months' duration, in which case Five Lectures a week shall be given, or of six months' duration, in which case only Three Lectures a week shall be required.

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

CHAP. II.

Of the Qualifications and Studies of Students and Candidates for the Medical Degree.

1st. All Students desirous of attending the Medical Lectures of this University, shall, at the commencement of each Session, enroll their names and residence 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 Ten Shillings.

2nd. The said Register shall be closed on the twenty-third day of December in each year; and no ticket 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 Surgery who shall not either, 1stly, have attended Lectures for a period of at least Four Sessions in this University or some other University, College or School of Medicine, approved of 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 of by this University.

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

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

} Of which two Courses
will be required.

Medical Jurisprudence.

} Of which one Course
will be required.

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

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

6th. Moreover, 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 at least four six months' classes, or three six months' and two three months' classes.

7th. Every Candidate shall, previous to the Medical Examination, give proof of competent Classical attainments, either by examination or otherwise.

8th. Every Candidate for the Degree must, on or before the first day of March, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and also a Thesis 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 Secretary of the Faculty the following Certificate :

MONTREAL, ————18—.

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and 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 the time) under articles as a pupil or apprentice to any Physician, Surgeon or Apothecary.

(Signed,) A. B.

9th. The trials to be undergone by the Candidate shall be :

1st. An examination into his Classical attainments as preliminary to the Medical Examinations.

N. B.—Students are recommended to undergo this Examination when they first begin their attendance at the College.

2nd. The private examination of his Thesis as evidence both of Medical and General acquirement, followed (if approved) by its public defence. And

3rd. A general examination on all the branches of Medical and Surgical Science.

N. B.—This examination will be divided into Primary and Final, the former comprehending the branches of Anatomy, Chemistry, Materia Medica, and Institutes of Medicine; the latter, those of Practice of Medicine, Surgery, Midwifery and Medical Jurisprudence.

N. E.—It will be optional with the Student to present himself for the primary examination at the end of his third session.

10th. the following Oath or affirmation will be exacted from the Candidate before receiving his Degree :

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis Collegii McGill.

Ego, A—— B—— ; Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium 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.

11th. The Fee for the Degree of Doctor of Medicine and Surgery shall be Five Pounds Halifax Currency, to be paid by the successful Candidate immediately after his examination, together with a Fee of Five Shillings to the Registrar of the Medical Faculty.

12th. 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.

BOOKS RECOMMENDED TO STUDENTS.

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

CHEMISTRY.—Graham, Kane, Silliman.

MATERIA MEDICA.—Pereira's Elements, Royle's Manual, Wood's Therapeutics, Pereira on Food and Diet,

INSTITUTES OF MEDICINE, *Physiology*.—Carpenter's Principles of Human Physiology, Kirke and Paget's Manual, Todd and Bowman's Physiological Anatomy.

Pathology.—Williams' Principles of Medicine, Chomel and Vogel's General Pathology.

SMYRNEY.—Ochelius, Paget's Surgical Pathology, Miller's Principles and Practice, Fergusson's Practical Surgery.

PRACTICE OF MEDICINE.—Wood's Practice of Medicine, Watson's Practice of Physic, Hooper's Physicians' Vademecum by Guy, Barriow's Practice.

MEDICAL JURISPRUDENCE.—Beck's Elements, Orfila *Medicine Legale*, Devergie *Medicine Legale Theorique et Pratique*, Christison on Poisons, Taylor's Jurisprudence, Guy's Forensic Medicine, Taylor on Poisons.

MIDWIFERY.—Churchill.

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

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GRADUATES IN MEDICINE

OF

M^CGILL COLLEGE.

Honorary :

*CHRISTOPHER WIEMER,.....	Toronto, U. C.
JAMES SAMPSON,.....	Kingston, do.
*DANIEL ARNOLDI,.....	Montreal, L. C.
JAMES DOUGLAS,.....	Quebec, do.
JOSEPH MORBIN,.....	Quebec, do.
WOLFRED NELSON,.....	Montreal, do.
JOHN RAE,.....	Hamilton C. W.
WALTER HENRY,.....	Belleville, do.

Graduates in Course.

1833.

William Logie,.....L. C. 1833

1834.

Roderick Macdonald,.....U. C. | *E. P. McNaughton,.....L. C.

John Finlayson,.....Scotland,

1835.

Joseph Workman,.....L.C. | Frederick W. Hart,.....L.C.

Pierre Dansereau,.....L.C.

1836.

William Sutherland,.....L. C. | Robert T. Reynolds,.....U. C.

*Louis H. Gauvreau,.....do | William Fraser,.....L. C.

1841.

Terence Sparham,.....U. C. | Samuel McMurray,.....L. C.

Charles D. DeCelles,.....L. C.

1842.

Thomas Reynolds,.....U. C. | Louis Boyer,.....L.C.

*Thomas L. B. Meredith,.....L. C. | Charles Dansereau,.....do

David D. Logan,.....do | *James Thomson,.....England

*James R. Dick,.....L. C.

1843.

Augustus Carson,.....England, | Jean M. Paquin,.....L. C.

*Severe Dorion,.....L. C. | *William Oscar Dunn,.....do.

John L. Leprohon,.....do. | Charles B. de Boucherville,.....do.

Jean G. Bibaud,.....do. | Olivier T. Bruncau,.....do.

1844.

Eugene Trudel,.....L. C. | Alexander Long,.....L. C.

Philias Proulx,.....do. | William E. Scott,.....do

Rufus Holden,.....U. C. | William H. Wagner,.....U. C.

Robert Godfrey,.....L. C.

* An Asterisk prefixed denotes that the person has died.

1845.

Pierre Fortin,L. C.

1846.

William Kelly, Surgeon, Royal Artillery.	John Wilbrod Wilsam,.....L. C.
A. Thomas Jackson, Staff Surgeon in the Army.	*Alfred Malhot,..... do.
*Andrew Aylmer Staunton, Surgeon, Royal Artillery.	James J. Dickinson,.....U. C.
Stephen Sewell Foster,L. C.	*George Augustus Scriven,..... do.
	Henry Paradis,.....L. C.
	George D. Gibb,..... do.
	Peter H. Church,.....U. C.

1847.

Geo. Edgeworth Fenwick,L. C.	Darby Bergin,.....U. C.
John Duncan McDiarmid, Staff Surgeon in the Army.	A. B. Larocque,.....L. C.
Peter A. McDougall,.....U. C.	Samuel B. Schmidt,..... do.
William Mayrand,L. C.	*John Fisher,..... do.
*Peter Warren Dease,..... do.	William Irwin Breslin, Asst. Surgeon, 46th Regiment of Line-
William H. Brouse,.....U. C.	*Alexis Pinet,.....L. C.

1848.

T. W. Smythe,.....U. C.	Joseph R. Culver,U. C.
Thomas Christie,.....L. C.	R. Palmer Howard,.....L. C.
Josiah G. Whitcomb, do.	William Wright, do.
John W. Hall, do.	Peter Henderson,..... do.
Josiah S. Brigham,..... do.	Pierre F. Longpré,..... do.
William McGill,U. C.	Edward S. L. Painchaud, do.
*John Rolph Lee, do.	André Seguin, do.
Albert Baker,England.	Léonard Lepailleur, do.

1849.

Jules M. Quesnel,.....L. C.	*Israel P. Narr,U. C.
*John N. Ruxton,..... do.	George C. Wood,.....Ireland
Moïse Sabourin, do.	Eneas McDonnell,U. C.
Francis Challinor,England.	William Odell, Surgeon, 19th Regiment of the Line.
Thomas McGrath,L. C.	

1850.

Duncan C. McCallam,.....L. C.	*Enoch P. Dorland,.....U. C.
Amos S. Bristol,.....U. C.	Robert M. Wilson, do.
George W. Sanderson, do.	André Loupret,..... do.
John A. Nelles, do.	Charles Lemoine,..... do.
Jonathan M. Vannorman,..... do.	Olivier Raymond,..... do.

1851.

Remi Claude Weillbrenner,L. C.	Samuel T. Brooks,.....L. C.
William H. Hingston, do.	John J. Blacklock,.....U. C.
*Peter O'Carra,U. C.	Onesime Bruneau,.....L. C.
George McMicking, do.	Charles E. Casgrain,..... do.
Robert Walker, do.	George Leclere, do.
John W. Mount,.....L. C.	

1852.

Robert Thompson,.....L. C.	Eric B. Sparham,U. C.
Richard Weir,.....U. C.	George Henry Boulter,..... do.
Edward H. Bucke,..... do.	Henry Thomas Ridley, do.
Joseph Moore, do.	Barnham G. G. Demorest,..... do.
Joseph Garvey,..... do.	Newton W. Powell,..... do.
John Easton, do.	Allen Ruttan,..... do.
Victor Perrault,.....L. C.	Angus McDonnell,.....L. C.
*Amable Simard,.....L. C.	

1853.

Henry A Tuzo..... L. C.	*Stephen Duckett,..... L. C.
Benjamin Workman,..... do.	Colin Macdonald,..... U. C.
Adolphe Bruneau,..... do.	Richard Moore,..... Ireland.

1854.

Augustus M. Corbett,..... U. C.	Cornelius H. O'Callaghan,..... Cuba.
William H. Corbett,..... do.	Alfred J. Burns,..... U. C.
Robert Craik,..... L. C.	Thomas Y. Savage,..... do.
*Joseph P. Phelan,..... U. C.	Walter Mackay,..... do.
James A. Grant,..... do.	Hermon L. Cook,..... do.
Thomas Simpson,..... L. C.	Peter Rolph Shaver,..... do.
*David M. Rintoul,..... L. C.	Stephen A. Scott,..... do.

1855.

Nelson Loverin,..... U. C.	George Pringle,..... U. C.
Eliphalet G. Edwards,..... do.	James Pa.erson,..... do.
John L. Stevenson,..... do.	Charles Ault,..... do.
Coller M. Church,..... L. C.	James F. Ault,..... do.
John B. Gibson,..... do.	Elzear Gauvreau,..... L. C.

1856.

W. Justus Jones,..... Brockville, U. C.	Alex. H. Kollmyer,..... L. C.
Joseph Alex Hamel,.... Quebec, L. C.	Walter J. Henry,..... do.
Ed. Laberge, Chateauguay, d.	A. Kirkpatrick, Chippewa, U. C.
Jos. G. P. Dupuis,.... Montreal, do.	James C. Lee,..... London, do.
James McGregor Stevenson,..... U. O.	

1857.

Alex. D. Stevens,..... Dunham, L. O.	Etienne R. R. Riel,.... Ottawa, U. C.
Levi R. Church,..... Aylmer, do.	John Ayles,..... Aylmer, L. C.
A. C. E. Picault, Montreal, do.	R. Whiteford,.... Three Rivers, do.
Henry Schoebottom, ... London, U. C.	R. N. Shaver, Dick'n. Landing, U. C.
Robert Howden,..... Montreal, L. C.	John McMillan,..... London, do.
David T. Robertson,..... Quebec, do.	Andrew A. Boylan, .. Oakville, do.
William Wilson,..... Chambly, do.	Gordon J. Emery, Bowmanville, do.

1858.

*James Kerr..... London, U. C.	Wm. H. Taylor,.... Montreal, L. C.
T. F. English,..... London, do.	C. W. E. Glenn,.... Chambly, do.
Jas. McGarry, Niagara Falls, do.	James S. Duncan,.... Montreal, do.
Wm. Harkin,..... Hawkesbury, do.	Alex. Peter Reid, London, U. C.
George Pattee,..... St. Johns, L. O.	W. C. Thurlow Cunynghame
L. T. Robitaille,.... Varennes, do. Montreal, L. C.

1859.

John Rambaut, Surgeon, Canadian Rifles	Andrew W. Hamilton,..... U. C.
William A. Duckett,..... L. C.	James McIntosh,..... do.
Edward W. Smith,..... do.	James Stephenson,..... do.
Phillippe Giroux,..... do.	Thomas Keeler,..... do.
Stephen Wright,..... do.	Samuel A. Carter,..... do.
Patrick O'Leary,..... do.	Irvine Bogart,..... do.
E. Gilbert Provost,..... do.	Robert W. W. Carroll,..... do.
Linus O. Thayer,..... do.	William Rumsey,..... do.
Edward T. Roberts,..... do.	Walker H. Marr,..... do.
William M. H. King,..... do.	George W. Hurlburt,..... do.
James Joseph O'Leary,..... U. C.	Samuel S. Macklem,..... do.

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STUDENTS IN MEDICINE.

Season 1858-9.

Ault, Alexander, Aultsville, C. W.	Mirick, Edgar H., Mirickville, C. W.
Austin, Frederick J., Montreal, C. E.	McGillivray, Donald, Lochiel, do
Aylen, James, Aylmer, do	McGregor, D., Charlottenburgh, do
Beatty, Daniel, Aylmer, do	Morris, William, Brockville, do
Bowman Wm E., Montreal, do	Mignault Henri A., St. Denis, C. E.
Beers, Wm. Geo., Montreal, do	McMillan, L. J. Arch., Rigaud, do
Battersby, Charles, Toronto, C. W.	McLean, Alexander, P. E. J.
Brouse, Edwin, Matilda, do	Morrison, Wm. S., Waddington, N.Y.
†Bogart, Irvine, Belleville, do	†O'Dea, James J., Toronto, C. W.
Burnham, Robt. W. Port Hope, do	Pickup, John W., Montreal, C. E.
Rucke, Maurice R., Sarnia, do	Pickup, George H., do, do
Campbell, Francis W., Montreal, C.E.	Ponpard, Eusebe, St. Michael
Church, Charles H., Aylmer, do	Archangel, do
Chevalier, Gustave, Sorel, do	†Provost, Gilbert, Boucherville, do
†Carter, Samuel A., Nelson, O. W.	Prentiss, George W., Aylmer, do
†Carroll, R. W. W., Woodstock, do	Powell, Israel W., Port Dover, C.W.
Chesley, George A., Toronto, do	Philip, David, Vankleek Hill, do
Cobban, Matthew, Milton, do	Poussett, C. Arthur, Sarnia, do
Coleman, Wm. F., Lynn, do	Powell, George, Port Dover, do
Donnelly, Charles H., Hamilton, do	Ross, Thomas, Lancaster, do
Duhamel, Louis, Ottawa, do	Robillard, Adolphe, Ottawa, do
Digby, James W., Brantford, do	†Rumsey, William, Ingersoll, do
Drake, Joseph M., Montreal, C. E.	Robertson, Charles, Quebec, C. E.
†Duckett, Wm. A., St. Polycarp, do	Robitaille, Louis, Varennes, do
Erskine, John, Granby, do	†Roberts, Edward T., Montreal, do
Ferguson, James, Vankleek Hill, C.W.	Reed, Thomas D., Montreal, do
Fulton, James H., Winchester, do	†Rambaut, John, Montreal, do
Fisher, George S., Montreal, C. E.	Read, Herbert H., Minudie, N. S.
†Giroax, Philippe, Three Rivers, do	Stewart, John Alexander, P. E. I.
Godfrey, Henry T. Acton, C. E.	Sinclair, Archibald, Kenyon, C. W.
Godin, Joseph, Montreal, do	†Stephenson, James, Prescott, do
Hall, Richard, Montreal, do	Strobridge, James G., Brantford, do
Harkness, John, Matilda, C. W.	Sawye, James H., Belleville, do
Hulbert, Edwin A., Prescott, do	†Smith, Edward W., Montreal, C. E.
†Hamilton, Andrew W., Dundas, do	Stafford, Wm. A., Montreal, do
†Hurlburt, George W., Prescott, do	Sutherland, Frederick D., do
†Keeler, Thomas, Brantford, do	Turgeon, Louis G., Terrebonne do
†King, Wm. M. H., St. Sylvester, C. E.	Trenholme, Edward H., Tren-
Labelle, Jules, St. Rose, do	holmville, do
Lafontsinc, Louis, Chambly, do	†Thayer, Linus O., Montreal, do
LeClair, Napoleon, Glengary, O.W.	Thyfault, F. X., Napierville, do
Lindsay, Heriot, Cornwall, do	Therriault, F. D., Beauharnois, do
Lyon, Arthur, Richmond, do	Tate, Richard, Montreal, do
Mackelcan, Geo. L., Hamilton, do	Tait, Henry Thos., Melbourne, do
†Macklem, Saml. S., Chippawa, do	Usher, Henry B., Bowmanville C.W.
Malcolm, John R., Oakland, do	Warren, Henry, Whitby, do
McKinnon, John, Vaughan, do	†Wright, Stephen, Lochaber, C. E.
McLaren, Peter, Woodstock, do	Whitwell, W. P. O. Phillipsburgh, do
†Marr, Walker H., Simcoe, do	Wheeler, W. Lamont, Mannsville, N.Y.
†McIntosh, James, L'Original, O. W.	

† M. D., 1859.

The following address, by Professor Campbell, was delivered before the Convocation of McGill College, held 5th May, 1859, to the Graduates who received the degrees of Doctor of Medicine and Surgery. It has been considered advisable to append it to the general circular of the Medical Faculty, because the excellent remarks it contains are not only particularly appropriate, as being essentially within the scope of an annual announcement, but convey valuable advice upon the important subjects of preliminary education and of professional department.

VALEDICTORY ADDRESS.

GENTLEMEN GRADUATES,—Before addressing to you the few words of parting advice customary upon occasions like the present, I may be permitted, I hope, without being thought guilty of self-laudation, to take a brief retrospect of the progress of the Medical Faculty of McGill College, which I have now, for nearly a quarter of a century, been connected with as a Teacher. Upward of 34 years ago, much to their honour, four medical gentlemen in this city, the late Drs. Robertson, Caldwell and Stephenson, along with the present respected Dean of our Faculty, Dr Holmes, feeling the want and necessity of a means whereby appropriate instruction might be furnished to Students of Medicine in Canada, associated together and founded, for this purpose, the Montreal Medical Institution. The school thus organized was most successful, and, five years after its establishment, was embodied in this University, of which its Teachers constituted the Medical Faculty. These gentlemen at once took the proper ground of demanding a high standard of professional education from their graduates, and, as far as circumstances permitted, assimilated their curriculum, and the duration of their lectures, to what was then in force in the University of Edinburgh, of which they themselves were Alumni. From time to time, the Faculty thus organized, although contending against want of pecuniary means and numerous other adverse circumstances, added to the number of its Teachers

and the efficiency of its instructions, until the year 1845, when it completed, in the advantageous sub-division of labour, its present very extensive teaching staff, consisting of nine Professors and one Demonstrator. The senior members of the Faculty can now welcome, with pride and pleasure, their former pupils as their valued and able colleagues and fellow-laborers.

The Universities of Great Britain, and the Colleges of Surgeons of England, Scotland and Ireland, early recognised the McGill College class certificates and degrees, as equivalent to their own, in entitling their holders to become candidates for University Honors and Surgical Diplomas. Our Graduates spread over the length and breadth of the Canadas, have, we believe, as a body, done no discredit to our instructions. We have representatives in England, one in the great metropolis, a frequent and able contributor to the Medical Periodical Literature of his native city, and now regularly employed in the editorial staff of the London Lancet. One of our Graduates, after competing successfully at public concours for an Hospital appointment in Victoria, Australia, has already realized an ample fortune, and still remains there, a highly popular and favored Medical Practitioner; and another has just returned on a brief visit to this his native country, from Oregon, Vancouver's Island, and the new Fraser River Gold Regions, after five year's absence, where he has had an equally fortunate career. Three gentlemen, natives of Canada, and Graduates of this University, are now serving Her Majesty in regimental and staff appointments in India; and upon six previous instances, as upon the present occasion, we have had the great pleasure of conferring our degree upon gentlemen serving as medical officers with the Troops in Canada. You will thus perceive, Gentlemen, that we have some cause for thankfulness at the measure of success which has hitherto attended our labours, and the number of Graduates of the present session, is an evidence that public confidence in the character of our teaching is assuredly not diminishing.

I am certain, I can say with truth, that we, as a body, have earnestly laboured for the moral, intellectual, and political exaltation of our profession; that we have endeavoured to keep pace in our instructions with the modern progress of science; that we have not neglected the important practical bearing upon the rational and philosophical treatment of disease of the discoveries which the recent advances of Chemistry, Microscopic Anatomy, Physiology and Pathology have brought to light; that we have inculcated conservatism in Medicine and Surgery; that in the latter science there is much greater

glory in saving than in operating, however skilfully or dexterously the operation may be performed; above all, we believe we have endeavoured to teach a hopeful trust in the tender mercies and restorative power of our kind nursing mother, the *vis medicatrix naturæ*, when aided, but not thwarted by art, in remedying accidents and arresting disease.

And here, gentlemen, I may be permitted to state, that though of late years we have been pleased to observe a higher standard of previous education in those commencing their medical studies, still we believe there is much room for improvement in this respect; and now there is not the same excuse as in former times for such neglect, as the higher schools and colleges abound in both sections of the Province. I would urge upon parents and guardians, who intend to educate their sons for any of the learned professions, not to be in any hurry fixing their choice before the mental powers have had time to develop themselves, and the tastes have in some degree been decidedly displayed. The employment to which the whole subsequent life is to be dedicated, which is to be its business, and ought as much as possible to be its pleasure, should not be decided upon when the judgement is immature, and the higher mental capabilities are only beginning to manifest themselves. I believe that a course of education which will qualify a youth to commence, with advantage, the special study of any of the professions, should be followed up, at least, to the age of eighteen; the mind will then have had time to unfold itself, and its powers will be readily directed, with full intensity, to the special profession,—the heart as well as the head being engaged in its pursuit. A good knowledge of classics is universally acknowledged to be an essential part of the general training necessary before entering upon the study of medicine, without such knowledge, the very meaning of the terms, constantly employed in medical literature, would be incomprehensible to the student; but the chief importance of a classical education consists in this, that experience has proved the labor bestowed in its acquisition to be by far the best discipline for preparing the intellect for being advantageously employed upon any other subject.

An acquaintance with the physical sciences is now considered an essential part of a preliminary medical education, and, to the understanding the more exact among them, as Mechanics and Astronomy, a certain amount of Mathematics is necessary. Some knowledge of Zoology, Botany, Geology and Mineralogy, is now regarded as essential to any well-informed and liberally educated medical man, and Chemistry might, with great advantage, be studied as an elementary branch.

It may be thought that the range of study, now suggested, is too extensive for the generality of medical students; but, for my part, if circumstances permitted, I would feel disposed to add to it the study of Logic and Metaphysics; the exercises in composition, usually combined with the instructions on these sciences, are most valuable in the formation of habits of thought, as well as in the acquirement of power and facility of expression. I am convinced that a youth thus prepared, with the advantage of a large amount of available knowledge, will commence the study of medicine with the probability of much greater ultimate success than he who has not had such a thorough preliminary training.

Gentlemen Graduates, you are now about to leave us, having creditably passed through your final examinations and obtained the honors of this University. Your minds are now stored with that frame-work of knowledge upon which experience can alone afterwards be securely based; and as most of you will at once commence practice, you will shortly be called upon to bring your acquirements to bear upon matters of practical utility, to apply to the principles of your profession, which have been taught you in the lecture-room, the practical test of bedside experience. You are now about to study the book of nature—see that you become her faithful interpreters; her lessons are worthy of implicit belief, and the statements of lecturers and writers frequently require to be corrected by them. The zeal and intelligence which many of you have displayed during the time you have been with us, afford, unquestionably, the best promise that can be given of future eminence and success; but, in order that this hope may be realized, let me caution you not to give up study. Honorable distinction in the practice of medicine is only to be attained by keeping pace with its progress. At the present day, when science in every department is making such rapid advances, when education is becoming diffused so generally, the medical man cannot stand still, but must exert himself to maintain the exalted character of his profession; and, I say it with pleasure, that medicine has not been stationary,—she has not been behind others in the march of improvement, but has kept pace in advancement with her sister sciences; and her literature is daily adding new and important facts to our present store. Do not think, then, gentlemen, that such of you as relax in your efforts will meet with future encouragement: it is only by industry and perseverance that you can expect to obtain, in after life, respect and reputation as scientific practitioners.

But, gentlemen, superior attainments, without upright principles, will never secure success. In order to have a fair prospect of being esteemed

in your profession, you must never let your medical skill and knowledge be disjoined from those sacred principles of honour and virtue which you have this day sworn to respect; and this not only towards your patients, but also towards your professional brethren, who on all occasions have a right to expect from you that integrity of conduct and fair dealing which are the characteristics of the true gentleman and honourable medical man. In conclusion, gentlemen, permit me for my fellow-labourers in the Medical Faculty, as well as for myself, to return you our sincere thanks for the attention and respect with which you have invariably listened to our instructions. I can assure you that there is nothing more gratifying to the teacher than gentlemanly behaviour and exemplary conduct on the part of the student: encouraged by such evidences of diligence and zeal, his labors are lightened, his industry stimulated, and his endeavours to impart instruction materially assisted; good feeling is kept up, and mutual respect becomes the connecting-link between him and his class. And now, gentlemen, farewell. You carry with you our sincere good wishes for success in life; and we part with you, perfectly convinced that, whatever stations you may fill in the profession, you will acquit yourselves in a manner calculated to reflect credit on the University which has this day conferred upon you its degree.