

DALHOUSIE

College and University,

HALIFAX, NOVA SCOTIA.

ANNUAL ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

FOR THE SEVENTH SESSION, 1873-74.

HALIFAX:
NOVA SCOTIA PRINTING COMPANY,
CORNER OF SACKVILLE AND GRANVILLE STREETS.
1873.

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SIR WILLIAM
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HON. J. T. COLE
HON. S. I. BROWN
REV. GEORGE
JAMES
CHARLES
ALEXANDER
GEORGE

VERY RESPECTFULLY
REV. WILLIAM
CHARLES
GEORGE
JAMES

JAMES

James
George
Charles
William

Dalhousie College and University,

HALIFAX.

GOVERNORS:

SIR WILLIAM YOUNG, Chief Justice of Nova Scotia, *Chairman.*

HON. CHAS. TUPPER, C.B., M.D., M.P.

HON. J. W. RITCHIE, Judge of Supreme Court.

HON. S. L. SHANNON.

REV. GEORGE M. GRANT, M.A.

JAMES F. AVERY, M.D.

CHARLES ROBSON, Esq.

ALEXANDER FORREST, M.D.

GEORGE THOMPSON, Esq., *Secretary and Treasurer.*

FACULTY OF ARTS:

VERY REV. PRINCIPAL BOSS, D.D.,

Professor of Ethics and Political Economy.

REV. WILLIAM LYALL, LL. D.,

Professor of Psychology and Metaphysics.

CHARLES MACDONALD, M.A.,

Professor of Mathematics.

GEORGE LAWSON, Ph. D., LL. D.,

Professor of Chemistry and Mineralogy.

JAMES DEMILL, M.A.,

Professor of History and Rhetoric.

Tutor of Modern Languages:

JAMES LIECHTI, Esq.

CLASSES.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
Surgery	9 A. M.	9 A. M.	9 A. M.	9 A. M.	9 A. M.	.....
Medicine	10 A. M.	10 A. M.	10 A. M.	10 A. M.	10 A. M.	.....
Anatomy	11 A. M.	11 A. M.	11 A. M.	11 A. M.	11 A. M.	.....
Hospital	12 M.	12 M.	12 M.	12 M.	12 M.	.....
Chemistry	2 P. M.	2 P. M.	3 P. M.	2 P. M.	2 P. M.	12 M.
Practical Chemistry	12 M.	.....	2 P. M.	.....	.....	.....
Physiology	3 P. M.	3 P. M.	12 M.	.....	12 M.	.....
Materia Medica	4 P. M.	4 P. M.	4 P. M.	3 P. M.	3 P. M.	.....
Obstetrics	5 P. M.	5 P. M.	5 P. M.	4 P. M.	4 P. M.	.....
Clinical Medicine	12 M.	.....	.....	5 P. M.	5 P. M.	.....
Clinical Surgery	1 P. M.	.....	.....	.....	.....	12 M.
Medical Jurisprudence	11 A. M.	11 A. M.	10 A. M.
Practical Anatomy	8 P. M.	8 P. M.	8 P. M.	8 P. M.	8 P. M.	10 A. M. to 4 P. M.

Emeritus Profes

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Faculty of Medicine.

THE PRINCIPAL, (*ex officio.*)

Professor.....	ALMON, LAWSON, REID, FARRELL, WOODHILL, SLAYTER, SOMMERS, GORDON, DEWOLF, A. LAWSON,
Demonstrators.....	} W. Y. FULLERTON, M.D., E. S. BLANCHARD, M.D.,
President of the Faculty.....	} W. J. ALMON, M.D.,
Dean.....	} A. P. REID, M.D.,
Registrar.....	} H. A. GORDON, M.D.

The Seventh Session of the Medical Faculty of Dalhousie College and University will be opened on Tuesday, the 21st of October, 1873, with a general introductory lecture. The regular lectures will commence on Wednesday the 22nd of October, and will be continued during the six months following.

The class tickets for the various courses are accepted as qualifying candidates for examination before the Royal College of Surgeons, London, the Universities of Edinburgh, McGill, Montreal, Harvard, Boston, and the New York Schools of Medicine.

Registration is necessary every Session—it is required upon entrance, or as soon afterwards as possible, and always before any class tickets are procured. The time fixed for closing the Register is annually on the thirtieth of November. Class tickets are payable in advance and will not be issued after the Register is closed.

In order to meet the requirements of the recent Medical Act of Nova Scotia, and the General Council of Medical Education and Registration of Great Britain, and also those of the Royal Colleges of Surgeons of England and Edinburgh, the Student must pass his Matriculation examination prior to the commencement of his Medical studies. Students wishing to pass this examination may do so at any time by giving two weeks notice to the Secretary of the Provincial Medical Board, Dr. T. R. Almon, or to the Secretary of the Medical Faculty.

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While the University regulations permit a student to graduate after three years attendance upon Lectures, provided he furnish proof that he has studied one year before attending Lectures, with a private practitioner, yet he is recommended to devote four years to systematic instruction, as less time is scarcely sufficient in which to acquire a fair knowledge of the many subjects which compose the curriculum.

With regard to the examination, students are requested to turn to section 10, Article 4, of the "Qualifications and Studies of Students and Graduates for the Medical Degree," in a succeeding part of this announcement.

The division of the examination into primary and final adopted by the McGill University, Montreal, and found to be most advantageous to students, will be adopted by this Faculty also; and it is hoped that the greater number of third year students will avail themselves of this arrangement.

Students of Dentistry will find it of advantage to attend the lectures on Chemistry, Anatomy, and Practical Anatomy.

To intending Druggists' Assistants, the lectures on Chemistry and Materia Medica will be of great practical assistance.

Students of Law will find that it is desirable to attend the lectures on Medical Jurisprudence by Dr. DeWolf and Dr. Lawson—the subjects of Insanity, Law as related to Medicine, and Toxicology, being fully explained.

For additional information apply to the Dean of the Faculty of Medicine, A. P. Reid, M.D., 98 Argyle Street, Halifax, N. S.

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Course of Instruction in the Faculty of Medicine.

(The Lectures will be delivered in the University Building.)

I—MEDICINE.

Profs. REID and GORDON, Physicians to City Hospital and City Dispensary.

Divided into Principles and Practice. This course will be illustrated by coloured plates and morbid preparations,—special attention will be directed to diseases of the *heart and lungs*, and to their physical diagnosis, which will be illustrated by the numerous cases in the City Hospital, under the immediate instruction of the Professor, and to which cases every student may have direct access, thus enabling him to obtain a practical knowledge of this part of the profession.

Class Books—Tanner, Flint, Watson, Barlow, Reynolds, Niemeyer.

II—SURGERY.

Profs. FARRELL and LAWSON, Surgeons to City Hospital & City Dispensary.

Divided into Principles and Practice, including Surgical Anatomy and Operative Surgery, exhibited on the subject. The various surgical instruments' and apparatus will be shown, and their uses and applications illustrated.

Class Books—Druitt, Erichsen, Gross, Holmes.

III—OBSTETRICS.

Prof. SLAYTER, Surgeon to City Hospital.

Including Diseases of Women and Children, illustrated by plates, manikins, etc. Every facility will be given to senior students for attending midwifery cases at the Alms-house and Dispensary, under the direction of the medical officers.

The Emeritus Professor, Dr. Almon, will also give a number of practical lectures.

Class Books—Bedford, Tyler Smith, Cazeau, Scanzoni on Diseases of Women, West on Children.

IV—CHEMISTRY.

Prof. LAWSON.

This course will be illustrated by diagrams, tables, apparatus, preparations, and demonstrations on the the black-board.—

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PRACTICAL CHEMISTRY.

There will be a separate class for Practical Chemistry specially suited to the requirements of Medical Students.

Laboratory Books—Fresenius's Qualitative, Bowman's Med. Ch.

V—INSTITUTES OF MEDICINE.

Prof. SOMMERS, Physician to City Dispensary.

This course will embrace the principles of Human Physiology, Histology, and the use of the Microscope.

Class Books—Dalton, Carpenter, Todd and Bowman, Kirk and Paget, and Flint.

VI—MATERIA MEDICA.

Prof. WOODILL, Physician to City Dispensary.

This course will be illustrated by specimens of medicinal plants and samples of the various drugs, chemicals, etc.

Class Books—Pereira by Farre, Stille, Neligan, Dispensatories.

VII—ANATOMY.

Prof. SINCLAIR, Surgeon to City Dispensary.

This course will be illustrated by the fresh subjects—dried preparations—including skeletons, etc., and life-size coloured plates. Every facility will be afforded to students to become practically acquainted with Anatomy under the Professor and Demonstrators.

PRACTICAL ANATOMY.

W. Y. FULLENTON, M.D.

E. S. BLANCHARD, M.D.

Rooms open from 4 to 6, and from 8 to 10, p. m.

Class Books—Gray, Wilson, Sharpey & Quain, Ellis's Dissector.

VIII—MEDICAL JURISPRUDENCE.

Prof. DEWOLF, Superintendent of the Hospital for Insane

Prof. GEORGE LAWSON.

This course includes Toxicology, the method of testing for poisons, Insanity, and public Hygiene.

Prof. DEWOLF will have ample opportunities for instructing his class in the important subject of Psychological Medicine.

Prof. LAWSON will lecture on the subject of Chemical Toxicology.

Class Books—Taylor's Jurisprudence, Guy's Forensic Medicine.

IX—CLINICAL MEDICINE.

Prof. REID.

X—CLINICAL SURGERY.

Prof. FARRELL.

Taught by lectures and tutorially at the bed-side by the Physicians and Surgeons at the Provincial and City Hospital, and City Dispensary, at which institutions ample material is afforded for both classes. The students being individually trained at the bed-side, both in Diagnosis and Treatment.

XI—BOTANY.

Prof. LAWSON.

Students are required to attend one course of three months on this subject. The national Orders containing Medicinal and Poisonous Plants, will be illustrated as fully as possible.

Prizes.

THE DR. AVERY PRIZES.

These are offered by James F. Avery, M. D., to encourage the study of Anatomy. There are two prizes of \$10 each. Particulars given at the commencement of the Session.

THE W. H. NEAL PRIZE.

A Prize of \$20 is offered by W. H. Neal, Esq., to the student passing the best primary or final examination for the Degree of M. D.

Hospitals, etc.

THE PROVINCIAL AND CITY HOSPITAL is visited daily at 12 M., by the Medical Officers; and the CITY ALMS HOUSE containing from 200 to 400 inmates, many of whom are in the Hospital Wards, will be available to students without fee. The best opportunities are here presented for clinical instruction, midwifery practice and treatment of diseases, likewise for the observation of pathological appearances, which will be demonstrated by post-mortem examinations. There is a Hospital fee of \$1 for certificate of attendance.

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THE HALIFAX DISPENSARY is carried on after the model of the DeMilt Dispensary, New York, being divided into three departments, viz.: (1) *Surgical*, including the Eye and Ear. (2) *Medical*, including the Heart and Lungs. (3) *Diseases of Women and Children*. Here the student can have the advantage of becoming practically acquainted with the less severe forms of disease, and will have the privilege likewise of seeing patients with the visiting physicians, and have opportunities for Obstetric practice.

Last Session.

PRIZES.

Mr. W. H. NEAL'S Prize for best primary examination for the degree M. D., C. M.:—Donald A. Campbell, Truro.

Senior Class—Donald Chisholm, Long Point, 1st prize.
Robinson Cox, Stewiacke 2nd prize.

Junior Class—John Stewart, Whycomah, 1st prize.
Robt. J. Blanchard, Truro, 2nd prize.

Dr. J. F. AVERY—Prizes for Clinical Reports of Cases:—
Clinical Medicine—W. S. Muir. Clinical Medicine—D. R. C. McKay.

Prof. SLAYTER'S Prizes in Obstetrics:—A. W. H. Lindsay, Halifax; James A. Meek, Cornwallis.

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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 each of 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 omissions shall be satisfactorily accounted for.
- 6th.—The fee for each class shall be \$12, with the following exceptions: For each of those of Medical Jurisprudence, Practical Anatomy, Practical Chemistry, and Botany, \$6; for Clinical Medicine and Clinical Surgery, each \$6. The class fees are payable in advance, to the Registrar, who will furnish all tickets.
- 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 courses of all the Classes, except Practical Chemistry, Botany and Medical Jurisprudence, shall be of six months' duration; the Classes of Practical Chemistry and Botany, 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 courses shall commence on the third Tuesday in October, and with the exception of a vacation at Christmas, shall continue till the 21st. of April.
- 10th.—The Matriculation or Preliminary Examination is similar to that required by McGill University, Montreal: the Medical Act of Nova Scotia; adopted under the Medical Act for Ontario, and recommended by the "Council of Medical Education and Registration" of Great Britain. The requirements 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

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Philosophy, including Mechanics, Hydrostatics, and Pnuematics. Students may attend the classes without passing this examination.

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

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 will pay a fee of \$2.

2nd.—The said Register shall be closed on the 30th day of November in each year, and no tickets obtained from any of the Professors shall be received without previous enregistration.

3rd.—No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four years subsequently to the date of passing his Matriculation examination in this University, or some other University, College, or School of Medicine, approved by this University; (a certificate from his tutor or tutors that the applicant has been one year studying Medicine in the office of one or more registered Medical Practitioners, will be received in lieu of one of the four years of study—but in any case three years additional study either in this or some other approved school of Medicine will be required.)

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

<p>Anatomy, Chemistry, Materia Medica and Pharmacy, Physiology, Principles and Practice of Surgery, Obstetrics and Diseases of Women and Children, Principles and Practice of Medicine, Practical Anatomy, Clinical Medicine, Clinical Surgery,</p>	}	<p>Of which two courses will be required, each of six months' duration.</p>
<p>Medical Jurisprudence, Botany, Practical Chemistry</p>	}	<p>Of which one course will be required, each of three months' duration.</p>

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 Provincial and City Hospital, or that of some other Hospital, approved by this University; and also a certificate of having six months practice in dispensing drugs.

6th.—He must also give proof by ticket of having attended for at least six months the practice of a Lying-in-Hospital, approved of by the University, or of having attended at least six cases of accouchment; also a certificate from a registered Medical Practitioner, of "Proficiency in the Practice of Vaccination."

7th.—No one shall be permitted to become a Candidate for examination, or shall receive a degree, who shall not have attended at least One Session of this University, and have obtained from it the tickets for 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 15th day of March, present to the Dean of the Medical Faculty testimonials of his qualifications entitling him to examination, and also a Thesis or inaugural dissertation, written by himself, on some subject connected with Medical or Surgical Science. He must at the same time deliver to the Dean of the Faculty the following Certificate:

HALIFAX, _____ 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. [Signed,] A. B.

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

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

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

(3.) The Clinical Professors shall conduct the examinations 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 standard 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 have evinced in reporting cases.

These examinations will be divided into primary and final, the former comprehending the branches of General Anatomy, Chemistry, Materia Medica, Physiology, and Botany or Zoology; the latter, those of Practice of Medicine, Surgery, Surgical

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

SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis Dalhousianæ—

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.

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

N. B.—Board may be obtained at from \$12 to \$15 per month.

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Graduates and Students.

GRADUATES OF 1871 AND 1872.

<i>Name.</i>	<i>Residence.</i>	<i>Thesis.</i>
ERIC SUTHERLAND,	River John, Pictou Cy.,	The Pus Crassis.
H. H. DEWOLF,	Dartmouth, N. S.,	Surgical Aneurism.
AS. W. HILTZ,	Bridgetown, An'polis, N. S.,	Amenorrhœa.
G. McRAE,	Richmond, C. B., N. S.	Ovarian Dropsy.
CLAY McMILLAN,	Pictou Cy., N. S.	Alcohol.

The following gentleman passed the primary examination, which includes Anatomy, Chemistry, Materia Medica, Institutes of Medicine and Botany :

A. W. H. LINDSAY, Halifax.
 DUNCAN R. MCKAY, Truro.
 WILLIAM S. MUIR, Truro.
 DONALD CHISHOLM, Long Point.
 DONALD A. CAMPBELL, Truro.

STUDENTS OF 1872-73.

Bruce, W. F.	Musquodoboit.
Been, Alf.	P. E. Island.
Blanchard, R. L.	Truro.
Balcom, G. A.	Annapolis.
Bethune, J. L.	Cape Breton.
Banks, J. A.	Wilmot.
Campbell, D. A.	Truro.
Cox, Robinson	Stewiacke.
Chisholm, Donald	Long Point.
Gillis, Alexander	Cape Breton.
Laudry, Valentine A.	Bay deChaleur.
Linton, Miller	Truro.
Lindsay, A. W. H.	Halifax.
McMillan, Hugh	Halifax.
Murray, J. H.	Merigomish.
Muir, W. S.	Truro.
McLeod, M. C.	Margarie.
Miller, S. N.	Annapolis.
Melchesteon, Fred	West Indies.
Moore, Edmund	Londonderry.
Meek, Jas. A.	Cornwallis.
McDonald, John	Whycocomah.
McKay, D. R. C.	Truro.
Ryan, Thos. P.	Halifax.
Storrs, Arthur	Cornwallis.
Stewart, John	Whycocomah.