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ANNUAL ANNOUNCEMENT

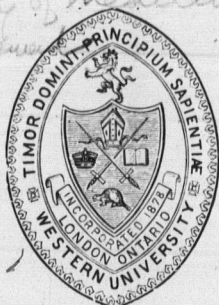
— OF THE —

MEDICAL DEPARTMENT

— OF THE —

Balance
WESTERN UNIVERSITY

Faculty of Medicine
Announcement



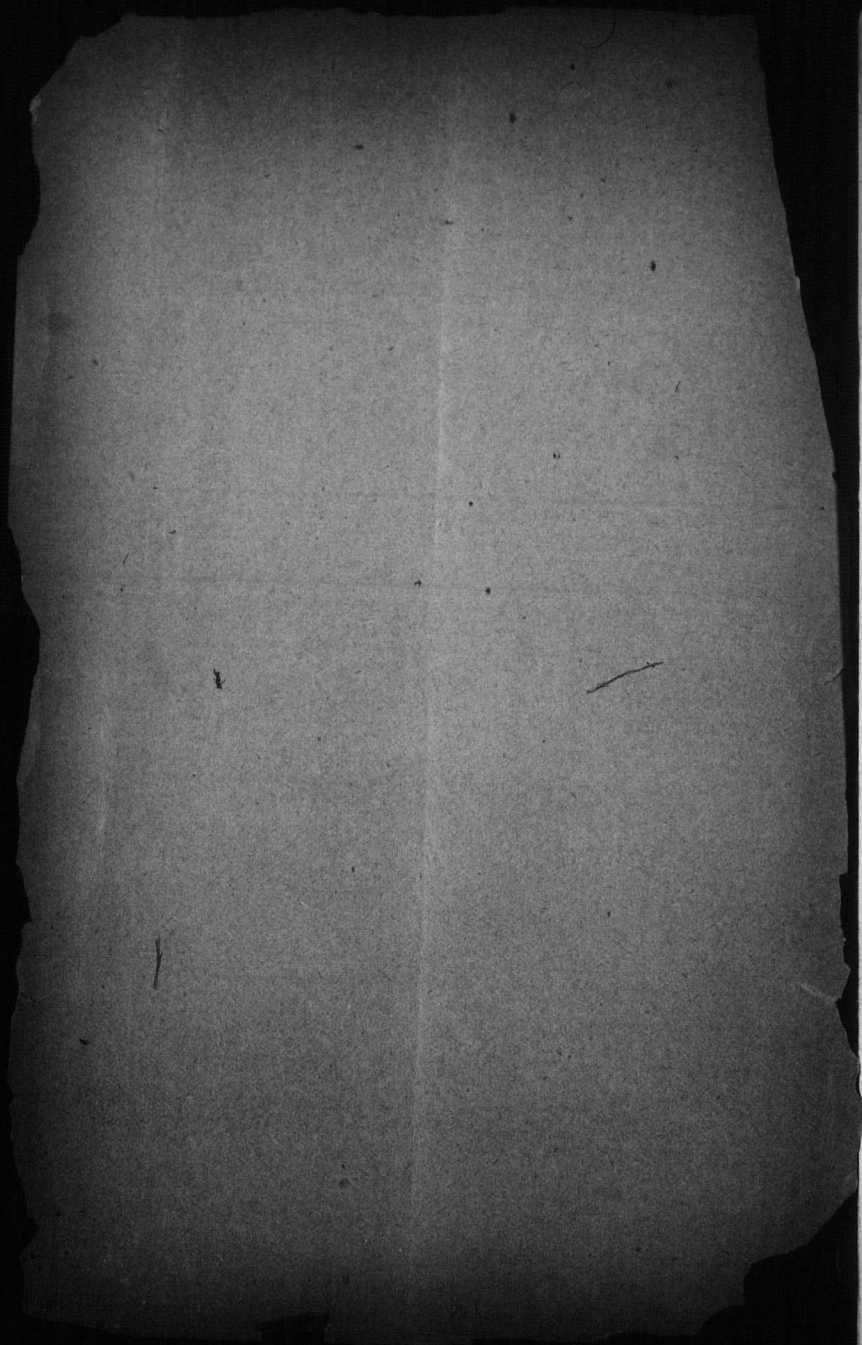
SESSION 1898-9.

LONDON, - ONTARIO,
CANADA.

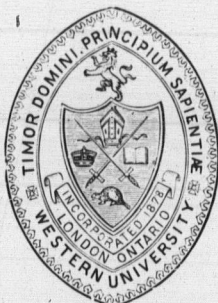
JUNE, 1898.

THE SOUTHAM PTG. & LITHO. CO., LONDON.





ANNUAL ANNOUNCEMENT
— OF THE —
MEDICAL DEPARTMENT
— OF THE —
WESTERN UNIVERSITY



SESSION 1898-9.

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CANADA.

JUNE, 1898.

THE SOUTHAM PTG. & LITHO. CO., LONDON.

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RIGHT REV. BISHOP OF HURON, D.D.
REV. CHANCELLOR PEACHE, D.D.
REV. PROVOST WATKINS, M.A.
RIGHT REV. BISHOP HELLMUTH, D.D.
SIR WILLIAM MEREDITH, LL.D.
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REV. CANON RICHARDSON, M.A.
REV. CANON SMITH.
VEN. ARCHDEACON DAVIS, M.A.
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REV. G. B. SAGE, B.A., B.D.
REV. D. WILLIAMS, B.A.
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REV. JOHN RIDLEY.
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Administrative Officers.

Chancellor:

THE REV. ALFRED PEACHE, D.D.

Vice-Chancellor:

SIR WILLIAM MEREDITH, LL.D.

Registrar and Bursar:

THE REV. CANON SMITH.

Provost and Principal of Huron College:

THE REV. B. WATKINS, M.A.

Dean of Medical Faculty:

W. H. MOORHOUSE, M. B.

NOTE.—All communications relating to examinations are to be addressed to the Registrar.

Faculty of Medicine.

W. H. MOORHOUSE, M.B., L.R.C.S. & L.R.C.P., EDINBURGH.

Dean of the Faculty.

Professor of Principles and Practice of Medicine; Consultant to the Staff of
the London General Hospital and Representative to Medical Council.

249 Queen's Ave.

H. ARNOTT, M.B.,

Associate Professor of Practice of Medicine.

228 Queen's Ave.

R. M. BUCKE, M.D., C.M., F.R.S.C.,

Medical Superintendent of the Asylum for the Insane; Professor of Mental
Diseases.

WM. SAUNDERS, F.R.S.C.,

Emeritus Professor of Materia Medica.

Director of Experimental Farm, Ottawa.

JAMES BOWMAN,

Professor of Theoretical Chemistry; Graduate of the Ontario College of
Pharmacy.

839 Dundas Street.

F. R. ECCLES, M.D.,

M.R.C.S. ENGLAND; F.R.C.S., EDINBURGH; F.O.S. LONDON.

Professor of Gynæcology; Gynæcologist to the London General Hospital.

Corner of Queen's Avenue and Wellington Street.

WM. WAUGH, M.D., C.M.,

Professor of the Principles and Practice of Surgery; Registrar of the Medical
Faculty.

537 Talbot Street.

J. WISHART, M.D., C.M.,

F. R. C. S., EDINBURGH; M. R. C. S., ENGLAND.

Professor of Clinical Surgery; Member of the Staff of the London General Hospital, and Surgeon to the Mount Hope Orphan Asylum.

189 Dufferin Avenue.

D. B. FRASER, M.B.,

M. R. C. S., ENGLAND; L. R. C. P. & S., EDINBURGH.

Professor of Pathology and Histology.

H. A. McCALLUM, M.D.,

Professor of Physiology; Associate Professor of Clinical Medicine; Pathologist to the London General Hospital.

415 Dundas Street.

H. MEEK, M.D.,

Professor of Obstetrics; Gynaecologist to the London General Hospital.

331 Queen's Avenue

G. HODGE, M.D.,

Professor of Clinical Medicine; Member of the Staff of the London General Hospital.

234 Queen's Avenue.

JOHN DEARNESS.

Public School Inspector.

Professor of Botany and Zoology.

750 Maitland Street.

F. T. HARRISON.

Professor of Practical Chemistry.

Lecturers.

H. T. WILLIAMS, M. D.,

M. R. C. S., ENGLAND.

Lecturer on Anatomy—General, Descriptive and Surgical: Curator of Museum.

Park Avenue.

E. SEABORN, M. D.,

Demonstrator of Anatomy,

749 Dundas Street.

W. S. McDONALD, M. D.,

Assistant Demonstrator.

Dundas Street.

C. F. NEU, M. D.,

Lecturer on Physiology and Bacteriology.

Park Avenue.

J. D. BALFOUR, M. D.,

L. R. C. P., L. R. C. S., EDINBURGH; F. P. & S., GLASGOW.

Lecturer on Obstetrics and Diseases of Children.

R. FERGUSON, B. A., M. D.,

Lecturer on Therapeutics.

141 Wortley Road.

J. B. CAMPBELL, M. D.,

Lecturer on Materia Medica.

380 Dundas Street.

PRINCIPAL MERCHANT, M. A.,

Lecturer on Chemistry and Physics.

W. J. STEVENSON, M. D.,

Lecturer on Practical Chemistry.

391 Dundas St.

W. J. WEEKES, M.D.,
Lecturer on Medical Jurisprudence.
407 Dundas Street,

WALTER M. ENGLISH, M.D., C.M.,
Member of the Staff of the London General Hospital; Lecturer on Toxicology.
688 Dundas Street.

B. J. BUTLER, M.D.,
Lecturer on Ophthalmology, Otology and Laryngology,
Queen's Avenue.

Officers of the Faculty.

Dean:
W. H. MOORHOUSE, M.D.

Registrar:
WM. WAUGH, M.D.

Treasurer:
GEO. HODGE, M.D.

THE MEDICAL DEPARTMENT

OF

The Western University

The Seventeenth Session of this Medical School will open on Tuesday, the 3rd of October, 1898.

The regular lectures will commence in accordance with the published programme.

The College Building is commodious and well arranged, centrally located on the corner of Waterloo and York Streets, convenient to the Hospital and Dispensary, is heated, lighted and ventilated in the most approved manner, and supplied with all the latest improvements. The main building contains two spacious Lecture Halls, Chemical and Histological Laboratories, together with Museum, Waiting Room for Students, Reading Room, etc.

The Dissecting Room, being in a separate building, is a sanitary arrangement that will be much appreciated by students.

Intending students are requested to be present at the opening, so as to lose no portion of the course, for they may rest assured that even the most talented will find four years of close application none too much to prepare for this noble and responsible calling.

The Medical Department of the Western University is recognized by the Royal College of Physicians, London, the Royal College of Surgeons of England, Royal College of Surgeons and Physicians of Edinburgh, and Faculty of Physicians and Surgeons of Glasgow, and by the Royal College of Physicians and Royal College of Surgeons in Ireland.

PLAN OF INSTRUCTION.

LECTURES WILL BE BOTH DIDACTIC AND CLINICAL.

Lectures and Demonstrations will be given in the College Building by the several Professors in their various departments. Every effort will be made to make each course as thorough and comprehensive as possible.

Lectures for Final Students will be so arranged that their course will be completed in the forenoon of each day, thus leaving the afternoon free for Dispensary, Hospital and Clinical work.

PRINCIPLES AND PRACTICE OF MEDICINE.

PROFESSOR MOORHOUSE.

This course will consist of General Pathology, as governing disease in general, with sufficient Special Pathology to make the matter clearly intelligible to the student; the Nature and Causes of Diseases, the Symptoms and Morbid Changes which arise in the course of Disease; the principles governing the general treatment of Disease, and the means to be used for its prevention; the Classification of Diseases, and the description of the affections of the different Organs and Structures throughout the body.

The Lectures will be illustrated with the most recent plates and models.

Special attention will be paid to diseases prevailing in our own climate.

PRINCIPLES AND PRACTICE OF SURGERY.

PROFESSOR WAUGH.

This course includes Surgical Pathology, illustrated by specimens and preparations. The different injuries and diseases are fully described, and the various surgical appliances shown. The chief operations will be shown as far as possible on the Cadaver.

OBSTETRICS.

PROFESSOR MEEK AND DR. BALFOUR.

Teaching in this subject will be made as practical as possible.

By use of Mannikin, the student can make himself familiar with Mechanism of Labor, the use of Forceps, Version, etc.

In the Lying-in Ward in the Hospital, the student will have opportunities for studying the management of cases during the different stages of Labor.

The importance of *Election* in Obstetric Surgery will receive particular attention.

During the Session, a course of lectures on Diseases of Children will be given by Dr. Balfour, lecturer on Midwifery and Diseases of Children.

GYNÆCOLOGY.

PROFESSOR ECCLES.

The aim and object of this course will be to make it as thorough and practical as possible. The student's attention will first be directed to all the anatomical and physiological facts bearing on Gynæcological practice. He will then be taught the proper methods of investigating cases and the use of the various instruments required in their diagnosis and treatment.

All the diseases embraced under this head will be brought before the student.

At the London General Hospital, Clinical Instruction will be given to the 3rd and 4th year students, and to the *graduating class* special training in the practical part of the subject.

Pelvic and Abdominal Surgery, and the Clinical Aspect of Abdominal Tumours, will be an important feature of the course.

ANATOMY—DESCRIPTIVE AND SURGICAL.

LECTURER—DR. H. T. WILLIAMS.

This course comprises lectures on the dissected subject; specimens prepared by the modern Glycerol Method; sections in the study of Bone; a complete dissection of the Brain and Spinal Cord in their relations to Physiology, the Cranium and Spinal Column; special attention to the Thoracic and Abdominal Viscera as a prelude to their importance in Clinical Medicine and Surgery. The relation of the Foetus to the adult with dissections at different periods is carefully studied.

During the course of Osteology, students who apply early will be supplied with specimens from the Museum by the Professor of Anatomy.

Special attention will be given to Practical Anatomy by the Demonstrator and an efficient staff of assistants. The dissecting room is large and well ventilated, and supplied with every requisite for comfort and convenience.

During the dissecting of each part, the student will be examined at least three times by the Demonstrator, who, when he is satisfied, will certify to the work done.

PHYSIOLOGY.

PROFESSOR McCALLUM AND DR. NEU.

The course in this subject will consist of Demonstrations and Didactic lectures. The relation of Physiological facts to Practical Medicine and Pathology will receive the attention it merits. Lectures will be illustrated by diagrams, charts, instruments and experiments on animals.

GENERAL CHEMISTRY AND CHEMICAL PHYSICS.

PRINCIPAL MERCHANT.

In these subjects the lectures will be accompanied by experimental demonstrations. To this end the Chair has been fully equipped with all necessary apparatus. All will be taught with special reference to their application to medicine.

PRACTICAL CHEMISTRY.

PROFESSOR F. T. HARRISON.

LECTURER—DR. W. J. STEVENSON.

The laboratory of Practical Chemistry is probably second to none in the Dominion in the matter of fittings, no expense having been spared to make the room convenient and useful to the students, each of whom performs for himself every operation of the course, which embraces Inorganic and Organic Chemistry, Toxicology and Urinary Analysis, and is kept within the limits of that which will be of ultimate practical value, rather than that which would be merely crammed and then forgotten.

MATERIA MEDICA AND PHARMACY.

LECTURER—DR. J. B. CAMPBELL.

In this course special attention will be given to the most important drugs and their preparations.

A complete collection of the different medicinal agents in their various forms is at the disposal of this department, and will be utilized to make the student familiar with the drugs.

THERAPEUTICS.

LECTURER—DR. FERGUSON.

Instruction in this department will embrace a practical study of the Physiological and Therapeutical action of the more important officinal drugs, together with instruction in the properties and uses of newer remedies of reputed therapeutic value. Incompatibility of drugs, and the theory and art of prescribing will receive due attention.

MEDICAL JURISPRUDENCE.

LECTURER—DR. WEEKES.

This course includes lectures upon medical expert testimony and the proper modes of procedure at coroners' inquests; insanity in its legal relations and the legal rights and obligations of physicians.

TOXICOLOGY.

LECTURER—DR. ENGLISH.

Classifications of poisons, their modes of action, treatment, post-mortem appearances and chemical tests; diseases resembling poisoning.

HISTOLOGY AND PATHOLOGY.

PROFESSOR D. B. FRASER.

LECTURER ON BACTERIOLOGY—DR. C. F. NEU.

Normal and Pathological Histology receive most careful attention. Students are furnished with microscopes and the accessories necessary for the preparation and preservation of microscopic specimens of their own for future reference. The classes will have opportunity of seeing post-mortems in the autopsy room, under the direction of the Pathologist.

A useful and practical course on Bacteriology will be given during the Summer Session by Dr. C. F. Neu.

SANITARY SCIENCE and PUBLIC HEALTH.

LECTURER—

Lectures on the following subjects will be given: Air—its impurities and their effects; ventilation, heating and lighting; water supplies, and diseases due to impure water; sewerage and the disposal of refuse; climatology; soils and building sites; public and private dwellings, including hospitals; food, beverages and condiments; exercise and clothing; baths; the contagia; communicable diseases and their prevention; quarantine; duties of medical health officers and boards of health; vital statistics; sanitary legislation.

BOTANY AND ZOOLOGY.

PROFESSOR JOHN DEARNESS.

The course is selected with special consideration of the needs of the medical student. Enough of Morphology and classification is taught to qualify for the intelligent use of the common synoptical keys. Particular attention is given to questions of Physiology and Biology. The student is made acquainted from specimens with the native poisonous and medicinal plants. Free use is made of the Microscopes and of specimens—living, exsiccated or preserved in alcohol—to illustrate the lectures practically throughout.

LABORATORIES.

Chemical Laboratory.—This Laboratory is furnished so that all analytical operations can be carried on by the student with the greatest convenience.

Histological and Pathological Laboratory.—Students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subject of demonstration.

Botanical and Biological Laboratory.—The student is furnished with all the necessary apparatus and material for practical work.

Bacteriological Laboratory.—A Bacteriological department has been added during the past year, and thoroughly equipped with all necessary apparatus.

The course on Bacteriology will include the following :

- (1) Study of Biology, Morphology and Physiology of Micro-organisms.
- (2) Preparation of culture media and stains.
- (3) Study of cultural and staining peculiarities.
- (4) Experimental study of vitality, thermal death points and pathogenesis on animals of some of the more important organisms.
- (5) Different methods of sterilizing and disinfecting.
- (6) Experimental study of relative value of antiseptics.

CLINICAL INSTRUCTION.

The London General Hospital during the past nine years has been under a Board of Trustees, and during that period it has been enlarged and improved in many ways. The following gentlemen form the Board :

COL. R. LEWIS, Chairman.

T. H. PURDOM.

JAS. GILMOUR, M. P.

HIS WORSHIP MAYOR WILSON.

C. F. COMPLIN.

J. D. BALFOUR, M. D., Hospital Supt.

London, with its suburbs, now contains over 45,000 inhabitants, and is rapidly increasing in size. It is also surrounded by the most densely populated farming community in the province, so that the number of patients admitted to the hospital furnishes a large and varied number of cases for Clinical study, which will be conducted in such a manner as to afford each student frequent opportunities of personally examining patients. The London General Hospital contains 104 beds, which are frequently all full, and the Training School in connection with the Hospital secures the best system of nursing. A new, well-equipped operating room has recently been added. Clinical Clerks and Surgical Dressers will be appointed from among the advanced students, who will take notes of cases and report the same on printed forms supplied for the purpose.

During this course are taught the uses of and practice with the Ophthalmoscope, Laryngoscope, Sphygmograph and other instruments of precision used in medical and surgical diagnosis.

According to a regulation of the Medical Council, students are required to attend the practice of a General Hospital for a period of twenty-four months.

The several medical charities of the city also afford material for practical instruction, and the advanced students will have the opportunity of visiting, with the Surgeon in attendance, and assisting at operations, etc. The principal charities are : Mount Hope Orphan Asylum, the Protestant Orphan Home, the Convalescent Home, the Old Men's Home, St. Joseph's Hospital, etc.

A free bus will convey the students to the Asylum for the Insane, during the course on Diseases of the Mind.

The London Asylum for the Insane at the present time contains 1,000 patients, so that the student has every opportunity for receiving instruction on this important subject.

CLINICAL MEDICINE.

PROFESSORS HODGE AND MCCALLUM.

In this course instruction is given at the bedside, and abundant opportunity is afforded each member of the class for a personal examination of all cases. Special attention will be given to the diagnosis of diseases of the Thoracic and Abdominal Viscera by physical signs. Chemical and microscopical examination of the blood, expectoration, contents of stomach and urine, is made before the class.

CLINICAL SURGERY.

PROFESSOR WISHART.

The Professor of this subject is now in a position to give students a very complete course on Practical and Operative Surgery.

The course, as heretofore, will, in addition to the ordinary clinic, include a complete course on diseases of the Urinary Organs, Orthopædic Surgery, Minor Surgery, Bandaging, Rules of Surgical Cleanliness and the different types of Dressings and their methods of preparation.

DISEASES OF THE MIND.

PROFESSOR BUCKE.

This course will consist almost entirely of Clinical lectures given in the wards of the Asylum, in the course of which every form of insanity (as far as practicable) will be brought before the notice of the student. This course is now compulsory.

TIME TABLE.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
A.M.	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	Pr. Chemistry
8 to 9	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
9 to 10	Obstetrics.	Gynæcology.	Obstetrics.	Gynæcology.	Obstetrics.	Botany.
	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	
10 to 11	Medicine.	Medicine.	Medicine.	Medicine.	Medicine.	Zoology.
	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	
11 to 12	Therapeutics.		Therapeutics.	San. Science.	Therapeutics.	
	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	Pr. Anatomy.	
P.M.	Clinical Surgery.	Clinical Medicine.	Clinical Surgery.	Clinical Medicine.	Clinical Surgery.	Clinical Medicine.
1 to 2	Physiology.	Physiology.	Physiology.	Histology.	Physiology.	
2 to 3	Mat. Medica.		Mat. Medica.		Mat. Medica.	
* 3 to 4	Jurisprud'nce	Jurisprud'nce	Jurisprud'nce	Jurisprud'nce	Pr. Chemistry and Jurisprud'nce	
4 to 6				Pathology.		

*Beginning with Jan. 3rd, Toxicology will be taken at this hour.

CALENDAR.

- 1898— 3rd October—Session begins.
 " 23rd December—Lectures close for Christmas holidays.
 1899— 3rd January—Lectures resume.
 " 22nd March—Examination begins.
 " 3rd April—Convocation.
 " 1st May—Summer Session begins.

MATRICULATION IN MEDICINE.

The subjects are as follows :

Writing and Dictation. Correct spelling and legible writing are imperative.

Canadian and English History, English Language, including Grammar and Composition, etc.

Arithmetic, Algebra, including simple equations.

Geometry, Books 1, 2 and 3, with easy deductions.

Latin, Translation and Grammar.

And upon one of the following subjects (of which students are recommended to select either Natural Philosophy or one of the Modern Languages), the candidate having the option of naming the subject upon which he will be examined, viz :

Greek, French, German, Natural Philosophy, including Mechanics, Hydrostatics and Pneumatics.

The following are the Text books to be used in this examination. Where more than one is named, the candidate may select the ONE upon which he will prefer to be examined :

Latin—Cæsar, *Bellum Gallicum*, Books I., II., or V. and VI.; Cicero, *Pro Lege Manilia*; Virgil, *Aeneid*, First or Second Book.

Greek—Xenophon's *Anabasis*, Book I., First Chapter St. John's Gospel.

French—Voltaire, *Charles XII.*, any one Book.

German—Schiller's *Thirty Years' War*, 1st Book.

Natural Philosophy—Stewart's Physics.

This examination will be held on the second Friday and Saturday in March, and the second Friday and Saturday in October of each year. Applications may be made to the Registrar of the Faculty till the evening of the day before the examination.

Graduates or Matriculates in any recognized University in her Majesty's Dominions are not required to pass the Matriculation Examinations.

The certificate of having passed the Matriculation Examination recognized by the College of Physicians and Surgeons of Ontario or Quebec is accepted by this University.

The High School Primary, or Junior, or Senior Leaving, for H. S. Examination forms II., III. or IV, with Latin in each case, is also accepted as a Certificate of Matriculation.

N. B.—This examination is recognized by the Medical Council and Colleges of Great Britain, provided the student has a certificate of having passed on Natural Philosophy, this subject being compulsory in the Mother Country.

The following regulations respecting Matriculation in Medicine and attendance on lectures have been adopted by the Medical Council:

1. Any person who presents to the Registrar of the Medical Council a certificate that he has passed the examination conducted by the Education Department on the course prescribed for matriculation in Arts, including Chemistry and Physics, and approved by the Lieutenant-Governor in Council, shall be entitled, on payment of the lawful fees in that behalf, to registration as a medical student within the meaning of section 11 of *The Ontario Medical Act*, being chapter 148 of the Revised Statutes of Ontario, 1887.
2. Any person who before the passing of this Act has not passed the examination in all the subjects prescribed for matriculation as aforesaid, shall be entitled to registration as a medical student on submitting to the Registrar of the Medical Council a certificate that he has completed such examination by passing in the remaining subjects of such matriculation, including Chemistry and Physics.
3. Any student in medicine who submits to the Registrar of the Medical Council certified tickets that he has attended not less than two courses of lectures at any chartered or Medical School or College

in Canada, shall be entitled, on payment of the lawful fees in that behalf, to take the primary examination or the examination of said Council taken by students at the end of the second year, provided that the standing obtained at such examination may not be allowed until such student presents to the Registrar of the Council the matriculation certificate prescribed by this Act.

4. A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University, and passed the examination in Arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

5. Any person who on or before the first day of November, 1895, has passed the examination of any University in Canada for matriculation in Arts, or the matriculation examination conducted by the Education Department entitling to registration in Arts with any University in Canada—or an examination entitling to registration with the Medical Council when the said examination was passed—shall be entitled to registration as a medical student on submitting to the Registrar of the Medical Council a certificate to that effect, signed by the proper officer in that behalf.

No tickets for lectures will henceforward be accepted by the Council unless it is endorsed thereon that the pupil has attended at least 75 per cent. of each course of said lectures, as shown by the teacher's own roll.

Note—The following requirements will entitle to registration with the Medical Council :

From 1st July, 1888, to 1st November, 1892, Second-Class Non-Professional Certificate, with Latin.

Since, 1st November, 1892, the Junior Matriculation certificate, with Physics and Chemistry, as prescribed by the Education Department of Ontario.

EXAMINATIONS.

The following are the subjects upon which students are examined at the close of each session :

FIRST YEAR SESSIONAL EXAMINATION.

	MARKS.
Anatomy, - - - - -	100
Physiology, - - - - -	100
Chemistry, - - - - -	100
Materia Medica, - - - - -	50
Practical Anatomy, - - - - -	100
Botany, - - - - -	50

SECOND YEAR PRIMARY PASS EXAMINATION.

	Relative Value of Subjects.
Descriptive Anatomy, - - - - -	100
Practical Anatomy, - - - - -	100
Physiology, - - - - -	100
Histology, - - - - -	50
General and Medical Chemistry, - - - - -	100
Practical Chemistry, - - - - -	40
Materia Medica, - - - - -	50

THIRD YEAR EXAMINATION.

Medical Jurisprudence, - - - - -	50
Surgical Anatomy, - - - - -	50
Sanitary Science, - - - - -	20
General Pathology and Bacteriology, - - - - -	50
Clinical Medicine, - - - - -	100
Clinical Surgery, - - - - -	100
Clinical Gynæcology, - - - - -	20
Toxicology, - - - - -	20

FOURTH YEAR PROFESSIONAL EXAMINATION.

Theory and Practice of Medicine, - - - - -	100
Principles and Practice of Surgery, - - - - -	100
Midwifery and Diseases of Women and Children, - - - - -	100
Clinical Medicine, - - - - -	100
Clinical Surgery, - - - - -	100
Clinical Gynæcology, - - - - -	20
Therapeutics, - - - - -	50

In passing these examinations, candidates must maintain an average percentage of fifty, and not fall below forty per cent. on any subject.

MEDALS, SCHOLARSHIPS, PRIZES.

A Gold Medal will be awarded to the student of the Graduating Class who obtains the highest number of marks on the examinations for the 2nd, 3rd and 4th years.

A Silver Medal will be awarded to the student of the Graduating Class who obtains the second highest number of marks on the examinations of the 2nd, 3rd and 4th years.

In order to compete for these medals, a student must have attended lectures during one whole winter session at the University and have taken out tickets on the final branches; he must have attained an aggregate of not less than seventy-five per cent. on all the subjects of examination, for the 2nd, 3rd and 4th years, and not have fallen under fifty per cent. on any subject.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks on the subjects included in the first year's examination.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks in the second year's examination.

A Scholarship of the value of \$25 will be awarded to the student who obtains the highest aggregate number of marks in the third year's examination.

CERTIFICATES OF HONOR.

Certificates of Honor will be awarded to those students who have made 75 per cent. of the total marks at the final examination on all subjects included in the curriculum (page 20).

HOSPITAL ASSISTANT.

The Trustees of the London General Hospital have decided to offer the position of House Surgeon to the member of the graduating class obtaining the highest aggregate number of marks in the third and fourth year examinations. This situation is tenable for one year, commencing at the close of the Winter Session, and entitles the holder to board and residence in the Hospital Building, thus allowing him ample opportunity for practical experience in his profession.

DEMONSTRATOR'S ASSISTANTS.

Two Assistants on Practical Anatomy will hereafter be appointed annually by the Faculty, on the recommendation of the Demonstrator.

These appointments are of much practical value, and will be given to advanced students who have passed the Primary examination on this subject.

SUMMER SESSION

The Summer Session will commence on the 1st of May, and continue for two months.

The lectures will be clinical and thoroughly practical. Courses will be given in Practical Pathology, Bacteriology, Clinical Medicine, Surgery, Gynæcology, etc.

Full Course,	- - -	\$20.00
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Second Course	- - -	10.00
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The fees must be paid during the first week of the session.

CONFERRING OF DEGREES.

The Annual Convocation for the conferring of Degrees will be held at the close of each Winter Session, when successful candidates will have the Degree of Doctor of Medicine conferred upon them. At the same time the Gold Medal and the several Prizes and Scholarships will be presented by the Chancellor to students who succeeded in winning these honors, and honorable mention will be made of those who have made sufficient marks in the different subjects of examination to entitle them to this distinction.

FEES.

Registration (<i>payable once only</i>)	- - -	\$5 00
Matriculation,	- - -	5 00
*Tuition, First Year,	- - -	75 00
" Second Year,	- - -	75 00
" Third Year,	- - -	75 00
" Fourth Year	- - -	75 00
For a perpetual ticket to the London General Hospital,	20 00	
" six month's " " " "	6 00	
Annual Examination, each,	- - -	5 00
Graduation Doctor of Medicine (M.D.)	- - -	25 00

*All fees are payable to the Registrar.

All students, after having attended two full courses of lectures in any branch, shall be entitled, without further charge, to a perpetual ticket for that branch, except the following: Practical Anatomy, Pathology, Histology and Practical Chemistry, every course of which attended must be paid for.

The certified ticket of other recognized Medical Schools will be accepted by this University.

Dental and other casual students can attend any course or courses of lectures in this institution on payment of the usual fees for the same, without Matriculation or Registration.

Material for dissection will be supplied at less than original cost.

Board and lodging can be obtained at reasonable rates convenient to the College or Hospital as the student desires.

GENERAL TEXT BOOKS.

Anatomy—Cray, Quain.

Practical Anatomy—Heath, Ellis, Holden, Weissee.

Physiology—Foster, Landois and Sterling, Yeo, Kirk, McKendrick, Wailer.

Chemistry—Introduction to the Study of Chemistry, Remsen.

Organic Chemistry—Remsen.

Therapeutics—Hare, Bartholow, Ringer, Farquharson.

Surgery—Moullin, F. Treves, De Costa.

Medicine—Osler, Fagge, Lockwood, Strümpell, Anders, Roberts, Quain's Dictionary of Medicine, Albutt's System of Medicine, Loomis and Thompson's System of Medicine; and on Diagnosis—Bury, Finlayson, Jaksch, Hutchison & Rainy.

Gynaecology—McNaughton Jones, Penrose, Garrigues, Byford, Lewers.

Midwifery—Lusk, Playfair, Dakin, Grandin's Obstetric Surgery.

Medical Jurisprudence and Toxicology—Taylor, Husband, Woodman, Tidy and Resse.

Pathology—Coats, Ziegler, Payne, Green, Delafield and Prudden.

Sanitary Science—Wilson, Louis C. Park, Normal School Manual.

Materia Medica—Bruce, Whitla, Butler.

Dictionary—Gould, Duane.

Histology—Klein.

Botany—Bessey, Gray, Spotton.

Requirements for the Degree of Doctor in Medicine.

Every candidate for graduation in Medicine must give sufficient evidence by certificate :

I. That he has passed the Matriculation Examination, or one equivalent thereto, and recognized by this University.

II. That he has been engaged in the study of Medicine over a period of four years, and that he has, during that time, attended lectures extending over at least four sessions, of six months each, in this or some other recognized University, College or School of Medicine.

III. That he has attended two courses of six months each, upon Anatomy, Practical Anatomy, Practice of Medicine, Surgery, Theoretical Chemistry, Midwifery and Diseases of Women and Children, *Materia Medica* and Therapeutics, Physiology, Clinical Medicine, Clinical Surgery; two three-months' or one six-months' course upon Medical Jurisprudence; one course of twenty-five lectures each on Practical Chemistry and Toxicology; one course of at least twenty-five practical demonstrations upon Normal and Pathological Histology; twenty-five lectures on Surgical Anatomy, and one course of twenty lectures each on Sanitary Science and Botany; one course on Mental Disease.

IV. That he has attended for at least twenty-four months the practice of the London General Hospital, or that of some other Hospital recognized by this University, and one Summer Session at this or some other recognized Medical School.

V. That he has attended for six months the practice of a Lying-in Hospital, and had charge of at least six cases of accouchement.

VI. That he has spent at least one session in attendance upon lectures in this University, and procured tickets for at least the final branches.

VII. That he is of good moral character and of the full age of twenty-one years; and that he has been engaged in compounding medicines in the office of a duly qualified medical practitioner, or registered druggist, for a period of six months.

REGULATIONS FOR STUDENTS.

(TO BE STRICTLY OBSERVED.)

1. Students are expected to conduct themselves in an orderly manner in the Lecture-rooms or any other part of the College buildings, not only during lectures, but at all times.
2. Damage done to College property must in every case be made good by the party who does the damage.
3. In the case of noisy or other disorderly conduct, any student may, at the discretion of the Professor, be requested to leave the class-room. Persistence in any offence against discipline, after admonition by the Professor, shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting, and may, in the interval, suspend from the classes.
4. Absence from any number of lectures can only be excused by necessity, of which proof must be given to the Faculty when called for. The number of times of absence that shall disqualify from the keeping of a session, shall in each case be determined by the Faculty.
5. When students are brought before the Faculty, under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from classes or expel from the College.
6. Any complaints made by students must be given in writing to the Registrar, who will lay the same promptly before the Faculty.

FACULTY OF ARTS.

A full course in Arts, Pass and Honor, is provided by the Senate, the lectures being given at Huron College. The Curriculum of the University of Toronto is adopted.

A special Natural Science course is also provided by the Senate. Several subjects of this course correspond with those of the Medical course, and may be taken in conjunction therewith, but a more extended knowledge and higher percentage of marks are required.

Examiners in all subjects of this course are appointed by the Senate, separate from the Medical Faculty.

Candidates taking the double course may obtain the degree of B. A., in addition to that of M. D.

Students may present themselves for examination in Arts at the appointed time, without attendance at classes.

The following is the

NATURAL SCIENCE COURSE.

FIRST YEAR.

English; Latin *or* Greek; Mathematics; French; German.

Elementary Biology, with laboratory work, including the study of typical animals and plants.

Elementary Physics (mechanics, hydrostatics and heat), including laboratory work. Elementary Chemistry.

SECOND YEAR.

English; Latin *or* Greek *or* French *or* German.

Zoology of the Vertebrata, with laboratory and museum work.

Botany (structure of the vegetative and floral organs of phanerogamous plants).

Geology, with practical work. Elementary Physiology. Chemistry, with practical work. Elementary Mineralogy.

THIRD YEAR.

English; Latin *or* Greek *or* French *or* German.

Zoology of the Invertebrata, with a practical knowledge of typical forms.

Botany, structure and classification of cryptogamic plants, with practical knowledge of types; Vegetable Physiology.

Geology and Palæontology (stratigraphical), with laboratory work.

Chemistry (organic) with laboratory work.

FOURTH YEAR.

English; Latin *or* Greek *or* French *or* German.

General Biology; Morphology and Embryology of Vertebrates.

Physiological Psychology; Physiological Chemistry: Physiology; Histology; Bacteriology.

LIST OF STUDENTS.

Abbott, C. E.	Eakins, F. C.	McGuffin, G.
Alexander, N. B.	Elliott, C. C.	McDougall, T. A.
Anderson, W. T.	Elliott, R.	
Ardiel, J.	Ellis, J. A.	Orme, J. W.
Arnett, D. H.		Orme, T. D.
Atkinson, J. W.	Fawcett, W. C.	
	Ferguson, J.	Pigot, C. T.
Baker, J.		
Barnes, E.	Grant, A. J.	Ramsay, E. T.
Becher, A. V.		Reasen, C. H.
Brown, J. M.	Hopper, O. C.	Ross, C. A. C.
Bucke, E. P.	Horseman, Clara.	Rogers, J.
Byers, S. G.		Russel, G. A.
	Kalbfleisch, W. H.	Russel, J. W.
Campbell, J. B.	Kennedy, G. B.	Routledge, A. R.
Campbell, J. F.	Kippen, R. M.	Ryan, T.
Clark, W. T.		
Clay, G. W.	Laidlaw, A.	Taylor, S. C.
Clark, G. L.		Thompson, S.
Cowan, C. B.	Meek, F. P.	Thomson, B. B. C.
Craig, J. W.	Morris, S. J.	Tillman, W. J.
Crawford, W.	McKechnie, W. D.	Turner, A. J.
Creighton, E. A.	McEvoy, S. H.	
	McLeay, C. W.	Stalker, O. E.
Doyle, W. C.	McLeay, H. L.	
Dundas, J. T.	McGrady, M. J.	Williams, E. L.
		Woodburn, A. W.

Students who have passed the First Year Examination:

ANATOMY.

Honors—Atkinson, Barnes, Grant, Turner and Clark.*Pass*—Reasen, Doyle, Meek, Taylor, (Rogers and Fawcett.) Russel, Stalker, Anderson, Routledge, Ross, Craig and Abbott.

PRACTICAL ANATOMY.

Honors—Atkinson, Clark, Turner, Rogers, Russel, Meek, Doyle and Barnes.*Pass*—Grant, Fawcett, Anderson, Reasen, Ross, Taylor, Craig, Routledge, Stalker and Abbott.

PHYSIOLOGY.

Honors—Atkinson, Clark and Grant.*Pass*—Turner, Doyle, Barnes, Russel, (Fawcett and Reasen), Anderson, (Routledge and Taylor), (Stalker, Rogers, Craig and Meek), Abbott and Ross.

CHEMISTRY.

Honors—Rogers, Atkinson and Turner.*Pass*—(Barnes and Clark), (Grant and Doyle), Routledge, Ross, (Meek and Russel), Abbott, Reason, Stalker, Anderson, Craig, Taylor and Fawcett.

MATERIA MEDICA.

Honors—Atkinson, Rogers, Grant, Russel and Clark.

Pass—Turner, Abbott, Craig, Routledge, Anderson, Meek, (Doyle and Fawcett), Barnes, Stalker, Reasen, Ross and Taylor.

BOTANY.

Honors—Clark, Atkinson, Grant and Meek.

Pass—(Doyle and Barnes), (Fawcett and Abbott), (Rogers and Reasen), Stalker, Turner, (Ross, Taylor and Routledge), (Russel and Craig), Anderson.

PHYSICS.

Honors—Atkinson, Ross, (Fawcett, Grant and Reasen), (Abbott and Doyle), (Clark and Rogers).

Pass—Craig, Taylor, (Barnes and Russel), Thompson, Meek, Turner, Stalker and Routledge.

Students who have passed the Second Year Examination :

ANATOMY.

Honors—Elliott, (Baker and Morris), Ramsay and Pigot.

Pass—Thomson, Becher, Ferguson, Thompson, McGuffin and Ardiel.

PRACTICAL ANATOMY.

Honors—Elliott, Baker, (Morris and Thomson) and Ramsay.

Pass—Pigot, Becher, Thompson, Ferguson, Ardiel and McGuffin.

PHYSIOLOGY.

Honors—(Elliott and Baker.)

Pass—Pigot, Ferguson, Ramsay, Thompson, (Morris and Becher), (Ardiel and Thompson) and McGuffin.

HISTOLOGY.

Honors—Elliott, Ramsay, (Baker and Morris), (Becher, Thomson and Thompson), and Ferguson.

Pass—Ardiel and Pigot.

CHEMISTRY.

Honors—Elliott and Morris.

Pass—Thompson, Becher, Baker, Thomson, (Pigot and Ramsay.)

PRACTICAL CHEMISTRY.

Honors—Ramsay, Elliott, Becher, Baker and Pigot.

Pass—(Thompson and Thomson), Ferguson and Morris.

MATERIA MEDICA.

Honors—Elliott, Ramsay, Morris, (Thompson and Baker)

Pass—Ferguson, Thomson, Pigot and Becher.

Students who have passed the Third Year Examination:

JURISPRUDENCE.

Honors—Clark, Williams, Arnott, (Bucke and McKechnie).

Pass—(Campbell, Clay and Creighton), (Byers, Eakins and Cowan), (Elliott and Kippen), (Brown and Ardiel), (Dundas and McGrady) and Ryan.

SURGICAL ANATOMY.

Honors—Clark, Creighton, Eakins, Campbell and Clay.

Pass—Brown, McGrady, (Arnott and McKechnie), Williams, Cowan, Byers, (Bucke, Ardiel and Ryan), (Elliott and Kippen) and Dundas.

SANITARY SCIENCE.

Honors—(Clark, Cowan, Creighton and Campbell), (Brown and Bucke), (Arnott, Ardiel, Clay, McKechnie and Williams), (Kippen, Ryan, McGrady and Eakins).

Pass—(Dundas and Elliott) and Byers.

PATHOLOGY.

Honors—Creighton, Arnott, Williams, Brown, McKechnie, Cowan, McGrady, Clark, (Bucke and Elliott).

Pass—Ryan, Eakins, Clay, Ardiel, Byers, Dundas, (Campbell and Kippen).

TOXICOLOGY.

Honors—Clark, (Campbell and Creighton), (Clay and Eakins), (Williams and Cowan), (McKechnie and Brown) and Arnott.

Pass—Ryan, Elliott, Kippen, (Bucke and Ardiel), (Dundas and Byers), Morris and McGrady.

CLINICAL MEDICINE.

Honors—Clark, Creighton, Williams, Campbell, Brown, (Arnott and Bucke), (Eakins and McKechnie).

Pass—(Clay, Dundas and Elliott), McGrady, (Ardiel, Byers and Cowan), (Kippen and Ryan).

CLINICAL SURGERY.

Honors—Clark, Creighton, (Williams, Eakins, Clay and Campbell), Bucke and Arnott).

Pass—Cowan, (Byers and McGrady), Ryan, McKechnie, (Elliott, Kippen and Crawford), (Brown and McGrady) and Ardiel.

Students who have passed the Fourth Year Examination:

MEDICINE.

Honors—Tillman, Orme, T. D., and Orme, J. W., (Kalbfleisch, McDougall and McLeay, C. W.), (Laidlaw and Woodburn), (Campbell and Russel) and Ellis.

Pass—(Alexander and Hopper), McLeay, H. L., and Crawford.

CLINICAL MEDICINE.

Honors—(Tillman, McLeay, C. W., and McDougall), (Laidlaw and Russel).

Pass—(Campbell and Orme, J. W.), Hopper, Woodburn, (Kalbfleisch, McLeay, H. L., and Orme, T. D.), (Ellis and Alexander.)

GYNÆCOLOGY.

Honors—(Tillman, McDougall, McLeay, C. W., and Laidlaw), Campbell, Orme, J. W., (Orme, T. D., and Russel).

Pass—Woodburn, Ellis, McLeay, H. L., Kalbfleisch, (Alexander and Hopper).

OBSTETRICS.

Honors—Tillman, McLeay, C. W., Laidlaw and McDougall.

Pass—(Campbell and Orme, J. W.), Woodburn, Orme, T. D., Kalbfleisch, Ellis, Russel, (McLeay, H. L., and Alexander) and Hopper.

SURGERY.

Honors—Tillman, McDougall, Laidlaw, (Campbell and McLeay, C. W.) and Russel.

Pass—(Woodburn and Orme, T. D.) Orme, J. W., Kalbfleisch, McLeay, H. L., Ellis, Hopper and Alexander.

CLINICAL SURGERY.

Honors—Tillman, Woodburn, McLeay, C. W., (Campbell, McDougall and Orme, T. D.)

Pass—McLeay, H. L., Kalbfleisch, Russel, Ellis, Orme, J. W., Alexander, Laidlaw, (Hopper and Crawford.)

THERAPEUTICS.

Honors—(Russel and Tillman), (McDougall, Orme, T. D., and Laidlaw), Campbell, (Orme, J. W., and Kalbfleisch), Woodburn and McLeay, C. W.

Pass—(McLeay, H. L., Alexander), Ellis, Hopper and Crawford.

Honor List:

First Year—Atkinson, Clark and Grant.

Second Year—Elliott, Baker and Morris.

Third Year—Clark, Creighton, Williams, Arnott, Campbell, Eakins, Bucke and Clay.

Fourth Year—Tillman, McDougall, C. W. McLeay, Laidlaw, Campbell and Russel.

First Year Scholarship:

J. W. Atkinson.

Second Year Scholarship:

C. C. Elliott.

Third Year Scholarship:

G. L. Clark.

Silver Medalist:

T. A. McDougall.

Gold Medalist:

W. J. Tillman.

GRADUATES.

Ardiel, L. M.	1891	Hanson, S.	1893
Ardiel, W.	1897	†Hayes, A. N.	1890
Alexander, N. B.	1898	Halliday, J.	1892
Baker, W. H.	1890	Hall, F.	1892
Balfour, J. D.	1887	Hobbs, A. T.	1890
Banting, W. T.	1892	Honner, R. H.	1889
Bayly, B.	1889	Hooper, S. E.	1890
†Bell, J. W.	1897	Hotson, A.	1889
Brown, E. A.	1886	†Hotson, J. M.	1888
Burkholder, J. F.	1892	Hopper, O. C.	1898
†Cline, C. A.	1889	Hughes, T. A. M.	1882
Cook, G. H.	1892	Hughes, F. W.	1894
Cowan, H. C.	1891	Hyndman, H. K.	1886
Cooper, R. M.	1889	Hyttenrauch, L. J.	1888
Creighton, J. H.	1891	James, J. F.	1895
Copeland, E. M.	1890	Johnson, J. H.	1892
Campbell, J. B.	1898	†Kennedy, J. P.	1891
Davis, J. J.	1897	Kennedy, J. D.	1888
Deveney, F.	1895	Kennedy, W. J.	1898
Dunn, D. M.	1894	King, J. A.	1896
Egbert, J. H.	1897	Kingsmill, H. A.	1895
Elliott, C. A.	1894	Kalbfleisch, W. H.	1898
Ferguson, H. J.	1894	Leininger, J. W.	1891
Ferguson, R.	1890	Leys, F. B.	1894
Fitzgerald, J. J. C.	1897	Logie, Wm.	1886
†Flaherty, T. J.	1895	Laidlaw, A.	1898
Forsythe, J. C.	1894	Macklin, E.	1890
Fraleigh, A. E.	1892	Murray, W. O.	1891
Franklin, A. E.	1894	Morris, W. H.	1896
Francis, S. D.	1895	†Mitchell, W. J.	1885
Fraser, J. W.	1886	†McCallum, H. A.	1886
Fraser, S. M.	1889	McBlain, T. J.	1891
Gibson, S. G.	1893	McBlain, D.	1894
Gibson, R.	1886	McCrimmon, F.	1891
Gibson, J. A.	1890	McDonald, W. S.	1893
Gowan, T. J.	1892	McDonald, Jas.	1888
Grey, T. L.	1897	McDonald, C. D.	1887
Gubbins, R. M.	1892	†McDonald, H. F.	1892
Guest, A. W.	1897	McEwen, W. H.	1892
Guest, F.	1890	McEwen, J. A.	1890
Guillemont, F.	1893	McGinnis, J.	1892
Haggart, J.	1887	McGregor, R. A.	1897

†Gold Medalists.

McGregor, J. A.	1892	Russel, G. A.	1898
McGuffin, W.	1892	Seaborn, E.	1895
McIntyre, H.	1891	Sharpe, M.	1891
McKellar, A.	1888	Sharp, W. D.	1895
McKillop, D. J.	1894	Shaw, R. W.	1892
McLeay, J. D.	1894	Shoebottom, J. J.	1890
McLeay, C. W.	1898	Smith, D.	1890
McLeay, H. L.	1898	†Smith, R. S.	1887
McDougall, T. A.	1898	Smith, R. C.	1896
McLaughlin, H.	1891	Stenton, D. K.	1890
McLachlin, J. Y.	1888	Stevenson, H. J.	1894
McNeil, D. G.	1891	Stevenson, W. J.	1896
McRitchie, T. L.	1889	†Tillman, W. J.	1898
†Neu, C. F.	1894	Weekes, W. J.	1886
Nixon, J.	1892	†Weekes, E. C.	1896
Northrup, W.	1894	Wiley, W. D.	1895
Noyes, F.	1892	Wilson, H.	1891
Noyes, H.	1892	Williams, H. T. H.	1888
Orme, J. W.	1898	Williams, R. J.	1895
Orme, T. D.	1898	Wilson, G. H.	1886
Patrick, O. H.	1892	†Wilson, J. T.	1893
Patrick, T. A.	1888	Windsor, A.	1896
Parker, T. J.	1892	Wood, W. H.	1892
Peel, A. J.	1895	Wood, P. B.	1893
Proudfoot, J.	1888	Wood, R.	1895
Roche, W.	1883	Woodburn, A. W.	1898

†Gold Medalists.



