

ANNUAL ANNOUNCEMENT

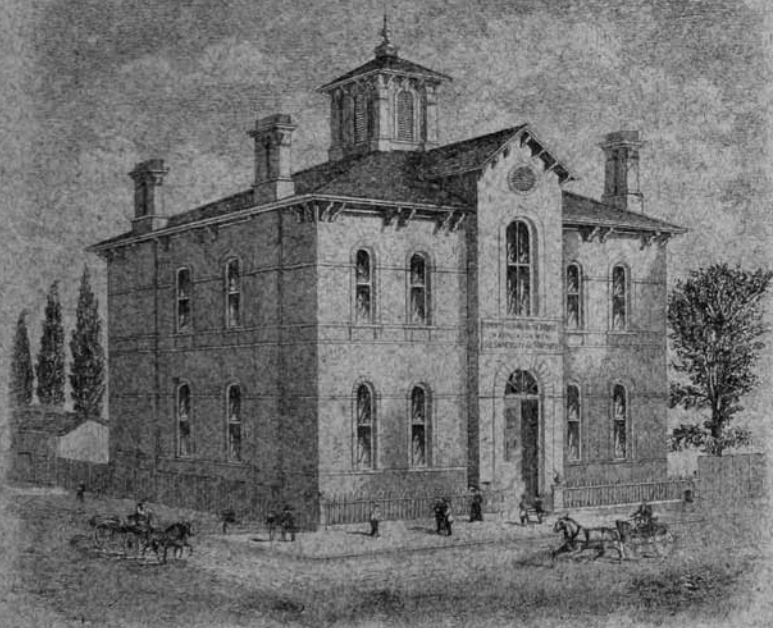
OF THE

TORONTO SCHOOL OF MEDICINE

IN AFFILIATION WITH

The University of Toronto.

Incorporated by Act of Parliament, 1851.



Opposite the Toronto General Hospital.

*Thirty-Fifth Session, from Oct. 1st, 1877, to April 1st, 1878.*

TORONTO :

PRINTED BY BELL, HAWKINS & CO., CITY STEAM PRESS, 13 ADELAIDE ST. EAST.

# Annual Announcement

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# MEMBERS OF SENATE, 1877-8.

(1) *Ex-Officio.*

HON. EDWARD BLAKE, M.A., Q.C., M.P.,

*Chancellor.*

HON. THOMAS MOSS, M.A.,

*Vice-Chancellor.*

REV. JOHN McCAUL, LL.D.,

*President of University College.*

THOS HODGINS, Q.C., M.P.P.

*Representative of the Law Society of Ontario.*

GEORGE R. R. COCKBURN, M.A.,

*Principal of Upper Canada College.*

WILLIAM THOMAS AIKINS, M.D.,

*The Representative of the Toronto School of Medicine.*

REV. ROBERT ALEXANDER FYFE, D.D.,

*Representative of the Canadian Literary Institute, Woodstock.*

SAMUEL BARTON BURDETT, LL.B.,

*Representative of Albert College, Belleville.*

A. McMURCHY, M.A.,

*Representative of High School Masters, Ontario.*

HON. JOSEPH CURRAN MORRISON,

*Ex-Chancellor.*

HENRY HOLMES CROFT, D.C.L., F.C.S.

JOHN LANGTON, M.A.

HON. JAMES PATTON, LL.D., Q.C.

HON. ADAM CROOKS, LL.D., Q.C., M.P.P.

LARRATT WILLIAM SMITH, D.C.L.

GEORGE PAXTON YOUNG, M.A.

ROBERT RAMSAY WRIGHT, M.A., B.Sc.

*Ex Vice-Chancellors.*

*Representing Council of  
University College.*

(2) *Elected by Convocation.*

WILLIAM MULOCK, M.A.

JOHN BOYD, M.A., B.C.L.

WILLIAM OLDRIGHT, M.A., M.D.

JOHN MORISON GIBSON, M.A., LL.B.

JAMES HENRY RICHARDSON, M.D.

JAMES ALEXANDER McLELLAN, LL.D.

JAMES LOUDON, M.A.

JAMES THORBURN, M.D.

THOMAS KIRKLAND, M.A.

WM. R. MEREDITH, LL.B., M.P.P.

JAMES FISHER, M.A.

ARCHIBALD FRED. CAMPBELL, M.A.

THOS. WARDLAW TAYLOR, M.A., Q.C.

LACHLAN McFARLANE, M.B.

REV. NEIL MACNISH, B.D., LL.D.

(3) *Nominated by His Excellency the Lieutenant-Governor.*

HON. WILLIAM McMASTER.

HON. JOHN WELLINGTON GWYNNE.

HON. GEORGE BROWN.

HUGH McMAHON, Q.C.

CASIMIR STANISLAUS GZOWSKI, C.E.

JOHN MACDONALD, M.P.

DANIEL WILSON, LL.D.

REV. DANIEL J. MACDONNELL, B.D.

HON. CHRISTOPHER S. PATTERSON.

Bursar—DAVID BUCHAN, Esq.

Registrar—WILLIAM GLENHOLME FALCONBRIDGE, M.A.

Librarian—WILLIAM HENRY VANDERSMISSEN, M.A.

# FACULTY OF TORONTO SCHOOL OF MEDICINE,

## 1877-8.

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- HENRY H. CROFT, D.C.L., F.L.S.,** *Professor of Chemistry and Experimental Philosophy, University College, Emeritus Lecturer on Chemistry.*
- WM. T. AIKINS, M.D.,** *Surgeon to the Toronto General Hospital and to the Central Prison, Consulting Surgeon to the Children's Hospital, Lecturer on Principles and Practice of Surgery and Clinical Surgery.*—78 Queen Street West
- H. H. WRIGHT, M.D., L. C. P. & S. U. C.,** *Physician to Toronto General Hospital, Consulting Physician to the Children's Hospital, Lecturer on Principles and Practice of Medicine, and Clinical Medicine.*—197 Queen Street East.
- J. H. RICHARDSON, M.D., M. R. C. S., Eng.,** *Consulting Surgeon to Toronto General Hospital and Surgeon to Toronto Jail, Lecturer on Descriptive Anatomy.*—46 St. Joseph Street.
- UZZIEL OGDEN, M.D.,** *Consulting Surgeon to the Children's Hospital, Physician to the House of Industry and Protestant Orphan's Home, Lecturer on Midwifery and Diseases of Women and Children.*—57 Adelaide Street West.
- JAMES THORBURN, M.D.,** *Edinburgh and Toronto Universities, Consulting Physician to the Toronto General Hospital and Boys' Home, Consulting Surgeon to the Children's Hospital, Lecturer on Materia Medica and Therapeutics.*—Wellington and York Streets.
- M. BARRETT, M.A., M.D.,** *Medical Officer to Upper Canada College, and Lecturer on Physiology, Ontario College of Veterinary Medicine, Lecturer on Physiology.*—Upper Canada College.
- W. W. OGDEN, M.B.,** *Physician to the Toronto Dispensary, Lecturer on Medical Jurisprudence and Toxicology.*—242 Queen West
- M. H. AIKINS, B.A., M.B., M.R.C.S., Eng.,** *Lecturer on Primary Anatomy.*—Burnhamthorpe.
- W. OLDRIGHT, M.A., M.D.,** *Physician to the Newsboys' Home, Curator of Museum, and Lecturer on Sanitary Science.*—50 Duke Street.
- L. McFARLANE, M.B.,** *Physician to the Toronto Dispensary, Demonstrator of Anatomy.*—7 Crookshank Street.
- GEORGE WRIGHT, M.A., M.B.,** *Physician to the Toronto Dispensary, Demonstrator of Anatomy.*—154 Bay Street
- ALEX. GREENLEES, M.B.,** *Practical Chemistry* —123 Church Street.
- R. ZIMMERMAN, M.D., L.R.C.P., Lond.,** *Physician to the Toronto Dispensary, Physician to the Children's Hospital, Demonstrator of Microscopical Anatomy.*—107 Church Street.
- F. H. WRIGHT, M.B., L.R.C.P., Lond.,** *Physician to the Toronto Dispensary, Physician to the Children's Hospital, Demonstrator of Microscopical Anatomy.*—197 Queen Street East.
- J. E. GRAHAM, M.D., L.R.C.P., Lond.,** *Surgeon to the Toronto General Hospital, Lecturer on Chemistry.*—66 Gerrard Street east.
- R. A. REEVE, B.A., M.D.,** *Surgeon to Toronto Eye and Ear Infirmary, Ophthalmic Surgeon to the Toronto General Hospital and Children's Hospital, Lecturer on Diseases of the Eye and Ear, and on Botany.*—22 Shuter Street.

Clinical Lectures will be given at the General Hospital by Dr. H. H. Wright, Dr. Aikins, Dr. Richardson, Dr. Thorburn, Dr. Graham, and Dr. Reeve.  
 Clinical Instructions will be given at the Toronto Dispensary by Dr. McFarlane, Dr. George Wright, Dr. F. H. Wright, and Dr. Zimmerman.  
 Janitor of School, James Pickering. Residence on the premises.



THE THIRTY-FIFTH SESSION  
OF THE  
TORONTO SCHOOL OF MEDICINE,  
IN AFFILIATION WITH  
The University of Toronto.

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The thirty-fifth session of the Toronto School of Medicine will open on Monday, October 1st, 1877, and will close on April the 1st, 1878.

Students will find it to their advantage to be present at the opening Lectures of the School.

During the past year the Museum of Materia Medica has undergone very material improvements. Considerable additions have been made to the various medicinal remedies, and they have all been most carefully classified, so that largely increased facilities are now offered to the student in this important branch of Medical Education for the systematic pursuit of his work.

A number of Skeletons have been ordered from Paris by the School, which will be placed at the disposal of the students in Anatomy, and through which they will enjoy more abundant facilities in the prosecution of their work in the dissecting-room.

The Faculty of the School are pleased to be able to announce that arrangements are being made by which an abundance of material for the purpose of dissection will be fully assured for the coming session. Intending students, therefore, need have no apprehensions that they will suffer from any delays in securing all the dissecting material they may desire.

A full course of clinical instruction will be given in the Toronto General Hospital by the different members of the staff. The number of patients in the Hospital is largely on the increase ranging from one hundred and sixty to one hundred and ninety, and the advantages to the student are proportionately augmented. The Trustees of the Hospital are making extensive alterations, which will increase the facilities offered for clinical study. A new room has recently been provided, exclusively devoted to the purpose of making *post mortem* Examinations, and in which the most complete appliances will be found for conducting the Examinations on principles the most advantageous and instructive to the students. A new wing is now in course of erection where fever cases alone will be treated, which will contribute largely to the present efficiency of the Institution and afford increased clinical advantages. In addition to the General Hospital, there are the Dispensary, Eye and Ear Infirmary, and Children's Hospital, to all of which students have access. The importance of clinical teaching is being more and more recognized by those who take an interest in Medical Education, and Toronto will not be behind-hand in giving every opportunity to the student in that department.

It has been determined by the Faculty that everything shall be done to make the Lectures of the coming session as practical and demonstrative as possible, so that the student when he leaves the School may be in every way qualified to successfully pursue the practice of his profession.

The advantage of this mode of practical teaching will now be more immediately felt, as, according to the regulations recently made by the Ontario Medical Council, every candidate for a license must show that he has a thoroughly practical knowledge of his profession both in the primary and final subjects of examination. Since a course on the study of Microscopy is now also required, demonstrations with the Microscope will be given by Drs. Zimmerman and F. H. Wright; and Histology, both Physiological and Pathological, will be fully taught. A special course on Ophthalmology will be given by Dr. Reeve.

The Secretary of the Faculty will be in attendance at the School on Wednesday, September 26, and the following days from 11 a.m., till 12 noon, and from 3 till 4 p.m., to register the names of any intending students, and to give such information regarding lectures, &c., as may be desired.

The following regulations have been established by the Council of the College of Physicians and Surgeons of Ontario, for 1877-78.

### MATRICULATION.

1. The examinations in Preliminary Education will be held in Toronto and Kingston, on the first Tuesday and Wednesday after Good Friday, and on the third Tuesday and Wednesday in August of each year. In this examination will be included writing from dictation, and correct spelling and legible writing will be considered indispensable.

2. Every student must pass a satisfactory examination in the following subjects, viz. :—

- a. English Language, including Grammar and Composition.
- b. Arithmetic, including Vulgar and Decimal Fractions.
- c. Algebra, including Simple Equations.
- d. Geometry, first two books of Euclid.
- e. 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.

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

LATIN—Cæsar, *Commentaries on Gallic War*, fifth and sixth Books; Cicero *Manilian Law*; Virgil, *Æneid*, second Book.  
 GREEK—Xenophon, *Anabasis*, first Book.  
 FRENCH—Voltaire, *Charles XII.* first, second and third Books.  
 GERMAN—Adler's Reader, first part.  
 NATURAL PHILOSOPHY—Peck's Ganot; Sangster's first Book.

4. Evidence of having passed a Matriculation Examination in any of the recognized Medical Institutions of Canada prior to July,

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\* The masculine pronoun is used here and throughout the "Regulations" with reference to "Students" and "Candidates," nevertheless these terms are to be construed as applicable to either Sex.



1870, will exempt from Matriculating before the Examiners of the Council, upon payment of Ten Dollars.

5. Graduates in Arts, or students having matriculated in Arts in any university in Her Majesty's Dominions, are not required to pass the matriculation examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the matriculation fee of Ten Dollars.

6. Matriculants in Arts, of any University in Her Majesty's Dominions, will be exempted from passing the Matriculation examination of this college only when such university matriculation is equivalent to that of the Council.

7. In the case of graduates in Arts it is provided that where it is shewn that a course or courses of lectures have been attended by the graduate in Botany and Theoretical Chemistry, and that he has already passed an examination on these subjects, he will not be required to pass again on these subjects before the examiners appointed by the Council. However, the candidate will require to prove that he has attended one course of lectures on Botany and two full courses on Theoretical Chemistry.

8. Every Medical Student after matriculation, shall be registered in the manner prescribed by the Council and this shall be held to be the preliminary to his Medical studies, which shall only be considered to begin from the date of such registration.

### MEDICAL CURRICULUM.

1. Every student after his Matriculation has been registered, must spend a period of Four years in actual Professional study, except as hereinafter provided.

2. Graduates in Arts of any college or university recognized by the Council, will only be required to pass Three years after graduating, in attendance upon Medical Lectures before being admitted to their Final Examination.

3. Every student shall attend Medical Lectures for at least Three Sessions of six months each, and the said Three Sessions must be included in the first three years.

4. Each "Six-Months Course" shall consist of not less than One Hundred Lectures.

5. Every student must attend the undermentioned Courses of Lectures\* in a University, College or School of Medicine approved of by the Council, viz.:

Two courses of Six Months each upon

ANATOMY,  
PRACTICAL ANATOMY,  
PHYSIOLOGY, (including Histology,)  
THEORETICAL CHEMISTRY,  
MATERIA-MEDICA AND THERAPEUTICS,  
PRINCIPLES AND PRACTICE OF MEDICINE,  
PRINCIPLES AND PRACTICE OF SURGERY,  
MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN,  
CLINICAL MEDICINE,  
CLINICAL SURGERY.

One course of Six Months, or two courses of Three Months each, upon

MEDICAL-JURISPRUDENCE.

One Course of Three Months upon

PRACTICAL CHEMISTRY,  
BOTANY.

One Course of not less than Twenty-five Demonstrations upon

MICROSCOPIC ANATOMY, PHYSIOLOGY AND PATHOLOGY.

The attendance at a course of twenty-five lectures on Sanitary Science will be required of every student, except such as have already attended two winter courses of lectures.

6. The following are the Text-books recommended by the Council in the various branches :

#### GENERAL TEXT-BOOKS.

ANATOMY—*Gray.*

PHYSIOLOGY—*Marshall, Dalton, Carpenter, Kirke, Paget.*

CHEMISTRY—*Fownes, Croft, Roscoe, Attfield, Gairdner.*

MATERIA-MEDICA—*Pereira by Wood, Stillé, Wood, United States Dispensatory.*

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\* No certificate of attendance upon any Course will be accepted if the Teacher lectures upon more than one Branch of Medical Science, nor if he delivers more than one lecture daily. However, the Lecturer on Medicine may lecture upon Clinical Medicine; the Lecturer on Surgery, upon Clinical Surgery; and the Lecturer on Materia Medica upon Botany and upon Medical Jurisprudence. Furthermore, no certificate of pupilage, nor of attendance upon Lectures, in the Province of Ontario, will hereafter be accepted, if the person certifying the same be not a duly Registered Practitioner, excepting in the Subjects of Botany and Chemistry.

SURGERY—*Druitt, Gross, Erichsen, Bryant, Hamilton.*

MEDICINE—*Flint, Watson, Wood, Aitken, Bennett, Tanner, Da Costa on Diagnosis.*

MIDWIFERY—*Tyler Smith, Churchill, Barnes.*

MEDICAL-JURISPRUDENCE AND TOXICOLOGY—*Taylor.*

PATHOLOGY—*Jones and Sieveking, Paget's Surgical Pathology, Rokitsky, Billroth.*

### HOMŒOPATHIC TEXT BOOKS.

MATERIA-MEDICA—*Hahnemann, Jahr, Dudgeon.*

MEDICINE—*Niemeyer's Pathology, Baehr's Therapeutics, Raue's Pathology, and Diagnostics, Marcy & Hunt's Practice, Da Costa on Diagnosis, Flint.*

SURGERY—*Franklin, Helmuth, Gilchrist, Gross.*

MIDWIFERY—*Bedford, Guernsey, Ludlam, Meadows.*

7. Every Student before being admitted to the Final Examination hereinafter mentioned, must have spent a period of Six months in the office of a regularly qualified Medical Practitioner,\* compounding medicines.

8. He must have attended the practice of a General Hospital for Eighteen months.

9. He must have attended Six cases of Midwifery.

10. He must, before being registered as a Member of the College of Physicians and Surgeons of Ontario, have passed all the Examinations hereinafter prescribed; and he must have attained the full age of twenty-one years.

11. (a) All persons from recognized Colleges outside the Provinces of Ontario and Quebec, who desire to qualify themselves for registration in this Province, must pass the Matriculation-Examination established by the Council, and attend thereafter one full "Winter-Course" of Lectures in some one of the Ontario Medical Schools, and such other Course or Courses as may be necessary to complete the Curriculum required by the Council, and shall pass, before the Board of Examiners appointed by the Council, all the Examinations hereinafter prescribed.

12. (b) Nothing shall exempt residents of Ontario, who after July 1877, elect to pursue their studies outside of the Province of Ontario, from passing Four years in the pursuit of their Professional Studies; such Four years to commence at the date of their passing the Matricu-

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\*The words "regularly qualified" are applicable only to Practitioners registered according to law.

lation-Examination before the Examiners appointed for that purpose by the Council.

### EXAMINATIONS.

1. The Professional Examinations are henceforward to be divided into three *Annual* Examinations, and a *Final* Examination.

2. The *Final* Examination is to be undergone at the end of the Fourth Year.

3. The following Branches will be the Subjects of the First year's Examination, viz :

ANATOMY, of the Bones, except those of the head, Ligaments, Muscles, and the Viscera of the Chest and Abdomen.

CHEMISTRY, Inorganic. Confined to Metalloids and non-metallic bodies.

4. The following Branches will be included in the Second-year's Examination, viz :

ANATOMY, other than that of First year.

PHYSIOLOGY, with microscopic Anatomy.

CHEMISTRY, THEORETICAL AND PRACTICAL, other than that of First year.

SANITARY SCIENCE.

BOTANY.

5. The Third-year's Examination will include :

ANATOMY, Descriptive.

PATHOLOGY, Medical and Surgical.

MEDICAL JURISPRUDENCE,

SURGERY, Operative,

MIDWIFERY, Operative.

6. The Examination for the Fourth year or "Final" Examination will include :

ANATOMY, Medical and Surgical.

TOXICOLOGY (optional for third or fourth year),

MATERIA-MEDICA AND THERAPEUTICS,

THEORY AND PRACTICE OF MEDICINE,

MIDWIFERY, other than Operative, AND DISEASES OF WOMEN AND CHILDREN,

SURGERY, other than Operative.

7. All the Examinations will be as Clinical and Demonstrative as possible.

8. The first three *Annual* Examinations are in all respects the same for every Candidate.

9. Any Candidate who at his various Examinations passes creditably in three or more Branches, but fails in the others, shall receive credit for the Subjects successfully passed, and only be compelled to pass in the other Branches at a subsequent Examination.

10. In the event of any Candidates for Examination desiring to be registered as Homœopathic Members of the College of Physicians and Surgeons of Ontario, notice of such desire must be given to the Registrar, so that their Examination may be conducted by the Examiners appointed for that purpose; but prior to the acceptance of such notice from these candidates (which notice shall be considered confidential by the Registrar), the usual fees must be paid. The Registrar shall then inform the Homœopathic Examiners of the fact of such application having been made, that they may be prepared for the examination of the Candidates, whose name shall not be divulged. All regulations of the Council inconsistent with the above are hereby repealed.

11. The written portion of the next Professional Examination will commence in Toronto and Kingston towards the end of May 1878, the precise date to be fixed by the President. The questions submitted to the Candidate will be printed and not dictated as heretofore.

12. The Primary Examinations cease after July, 1877.

13. No certificate of attendance shall be valid in future unless the number of Lectures attended is specified on each ticket. The same rule shall apply to Hospital Certificates.

14. All students whose studies commenced one year prior to 1876, and all students having matriculated during or before that year and who studied with a medical practitioner prior to 1876, shall be allowed to go up for the first and second years' examination in 1878 and the third and fourth in 1879.

15. The percentage required to be attained in the Annual Examinations are: First year,  $33\frac{1}{2}$ ; second year, 50; third and fourth, 60.

16. Graduates in Arts will be required to pass the first and second years' examinations, but may take the third and fourth year at the end of the third year.

17. Students who are or have been required by the regulations of the

Council to go up for any Annual Examination, and who have refused or refuse to do so, will lose one year for each such refusal.

### FEES.

1. The following scale of fees has been established by the Council :

- a. **MATRICULATION EXAMINATION**..... \$10 00  
*This fee is payable to the Matriculation Examiners at the beginning of the Examination.*
- b. **REGISTRATION OF MATRICULATION :**
1. Those examined before the Matriculation Examiners of the College of Physicians and Surgeons of Ontario..... **NO CHARGE**
  2. Those examined by the various Colleges prior to July, 1870..... \$10 00
  3. Graduates and Matriculants in Arts of recognized Colleges..... \$10 00
- c. **"PRIMARY EXAMINATION" AND FIRST, SECOND, AND THIRD "ANNUAL EXAMINATIONS"**..... Each \$10 00  
*These fees are to be paid to the Treasurer of the College before each Examination.*
- d. **FINAL EXAMINATION, INCLUDING REGISTRATION, SUCH A FEE, AS TOGETHER WITH THOSE ALREADY PAID FOR THE PROFESSIONAL EXAMINATIONS SUCCESSFULLY PASSED, WILL AMOUNT IN ALL TO...** \$50 00  
*This fee is payable in the same manner as the last.*
- f. **REGISTRATION OF ADDITIONAL DEGREES OR TITLES**..... \$ 2 00  
*This fee is only payable when the additional titles are registered at different times, but any number of such titles as are allowed to be registered may be put on record, at the first registration, for the single fee of \$10.*
- g. **DIPLOMA OF MEMBERSHIP OF THE COLLEGE**..... \$ 5 00  
*This Diploma, which is handsomely engraved, and printed upon parchment, is granted free of charge to all those Members of the College who attain their membership by passing the Examinations of the College. All other Members may obtain it on application to the Registrar, by paying the above-named fee of \$5.*
- h. **"ANNUAL CONTRIBUTION" FROM MEMBERS FOR YEAR 1875**..... \$ 1 00  
*This fee is payable by every Member of the College on the First day of January in each year (see Ontario Medical Act, Sec. XXII., sub-sec. IV.) The attention of Members in arrears is particularly requested to this.*

2. All fees must be paid in lawful money of Canada, or in gold; and, except when otherwise specified, are to be paid to the Registrar of the College.

3. No part of the fees paid for examinations will in future be returned to unsuccessful candidates.

# University of Toronto.

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## FACULTY OF MEDICINE

1874.

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### DEGREE OF M.B.

The following are the requisites for admission to the Degree of Bachelor of Medicine, viz. :—

- (1) Having produced satisfactory certificates of good conduct.
- (2) Having Articulated in any Faculty in this University, or having been admitted *ad eundem gradum* or *statum* in Law or Arts.
- (3) Being of the full age of twenty-one years.
- (4) Having pursued Medical studies for the period of at least four years, and having regularly attended Lectures extending over a period of at least three Sessions of six months each, in the following branches of Medical education, for the respective periods hereinafter set forth :—

Anatomy, two courses of six months.

Practical Anatomy, two courses of six months.

Theory and Practice of Medicine, two courses of six months.

Principles and Practice of Surgery, two courses of six months.

Chemistry, two courses of six months.

Midwifery and Diseases of Women and Children, two courses of six months, and attendance on six cases of labour.

Therapeutics and Pharmacology, two courses of six months.

Physiology, two courses of six months.

Practical Chemistry, one course of three months.

Medical Jurisprudence, one course of three months.

Botany, one course of three months.

- (5) Having attended for at least twelve months the practice of some general Hospital, and having attended, during six months, Clinical Lectures on Medicine and Surgery.

(6) Having passed in this University an Examination in all the subjects specified in Article 4.

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### DEGREE OF M.D.

1. On or before the 15th April, in each year, notice shall be given to the Registrar (according to a printed form which may be obtained on application), of the intention of the Candidate to present himself for the Degree.

2. In such notice the Candidate shall state the Department from which he elects, that the subject of his Thesis is to be chosen, according to the following scheme :

- DEPARTMENT I. Physiology and Comparative Anatomy.  
 " II. Surgery and Anatomy.  
 " III. Medicine and Therapeutics.  
 " IV. Midwifery and Medical Jurisprudence.

3. The Candidate is required to write his Thesis in the Examination Hall in the presence of one of the Examiners, and the subject of his Thesis will be then announced.

4. The Examiners shall report specially to the Senate upon the quality of the Thesis, and whether, in his opinion, the Thesis displays sufficient merit to entitle the Candidate to the Degree.

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### DEGREES AD EUNDUM.

A Graduate of any of the Universities in Great Britain or Ireland may be admitted to the like Degree in the University of Toronto. He must send in his certificate to the Registrar, at least two weeks before the first meeting of the Session of the Senate at which his application is to be brought forward.

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### FEEES.

For Matriculation or Entrance.....	Four Dollars.
For the Degree of M.B.....	Six Dollars.
For the Degree of M.D.....	Eight Dollars.
For admission <i>ad eundem gradum</i> .....	Ten Dollars.



## EXAMINATIONS.

The Examination for Matriculation will be held in September.

In future all Candidates for a Degree must pass the Matriculation Examination established by the University.

Additional Examinations for Matriculation may be held at other periods, but no Honours or Scholarships will be awarded at such additional Examinations.

The Examinations, other than that for Matriculation, will be held in the month of April.

Notice will be given annually, in January, of the days on which the Examinations for the year will commence.

Every Student, who proposes to present himself at any Examination, is required to send to the Registrar, at least three weeks before the day appointed, a paper (according to a printed form which will be provided), stating his standing, and whether he is a candidate for Honours or otherwise.

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 SCHOLARSHIPS.

Four Scholarships will be annually offered for competition, viz :

- One among Matriculants.
- One among Students of One Year's Standing.
- One among Students of Two Year's Standing.
- One among Students of Three Year's Standing.

No Scholarship will be awarded to any candidate unless he shall have been classed in Honours in at least two-thirds of the Departments comprised in the Examination.

Each Scholarship is of the value of one hundred and twenty dollars a year.

Each Scholarship is tenable for one year only, but the Scholar of one year is eligible for the Scholarship of a succeeding year.

Students who have not previously Matriculated may compete for the Scholarship of the first, second, or third year, by taking along with the subjects prescribed for that year the subjects appointed for Matriculation.

Every Student taking a Scholarship is required to sign a declaration that it is his intention to pursue his Medical Studies, one, two, or

three years, according to the year in which he has taken such Scholarship, and to proceed to a Degree in the University of Toronto.

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#### MEDALS, PRIZES, AND CERTIFICATES OF HONOUR.

A Gold Medal may be given, upon the special recommendation of the Examiners, to the Student who, at the Examination of the Degree of M.B., shall have been placed first in the First Class.

A Silver Medal will be given to each of the Students who, at the Examination for the Degree of M.B., shall have been placed in the First Class of Honours, except the successful candidate for the Gold Medal.

No Medal will be awarded to any Candidate unless he shall have been classed in Honours in all the Departments comprised in the Examination.

Prizes, each of the value of Ten Dollars in Books, may be awarded annually among Undergraduates in Law, Medicine, and Arts, for the best Composition in Greek Verse, Greek Prose, Latin Verse, Latin Prose, English Verse, English Prose, French Prose, or German Prose.

Certificates of Honour will be given to those Students who, at any of the Examinations have been placed in the First Class in Honours in any Department.

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# SUBJECTS OF EXAMINATION.

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## MATRICULATION.

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### CLASSICS.

LUCIAN, Charon.

CICERO, for the Manilian Law.

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### MATHEMATICS.

Arithmetic.

First four rules of Algebra and Simple Equations. (Todhunter's  
Algebra for beginners.)

Euclid, Bb. I., II.

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### ENGLISH.

Grammar and Composition.

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### †FRENCH.

Grammar and Exercises. (De Fivas')

VOLTAIRE, Histoire de Charles XII., Bb. I., II., III.

CORNÉILLE, Horace, Act II.

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### †GERMAN.

Grammar. (Aue's Elementary.)

ADLER's Reader, Parts I., II., III.

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†The Candidates may select any one of the subjects marked thus.

## HISTORY AND GEOGRAPHY.

Outlines of English History to the present time.

Outlines of Modern Geography.

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## †NATURAL PHILOSOPHY.

Mechanics.

Hydrostatics.

Pneumatics.

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## DEGREE OF M.B.

Anatomy.

Physiology.

Practical Anatomy.

Theory and Practice of Medicine.

Principles and Practice of Surgery.

Midwifery and Diseases of Women and Children.

Therapeutics and Pharmacology.

Chemistry.

Practical Chemistry.

Medical Jurisprudence.

Botany.

The Examination may also be divided as follows :

(1) Students of Two or Three Years' Standing may pass a *Primary Examination* in the following subjects :

1. Descriptive Anatomy.
2. Physiology.
3. Chemistry.
4. Materia Medica.
5. Botany.

N.B.—Only one of these subjects is necessary for a Student who has passed a satisfactory Examination in the subjects appointed for a Scholarship for the Second Year.

(2) Students of Four Years' Standing, who have satisfactorily passed the Primary Examination, and have attended the prescribed courses, if they are not candidates for Medals or Honors, may pass the final Examination in the following subjects :

Organic Chemistry and Electricity.

Botany.

Therapeutics and Pharmacology.

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### THIRD YEAR.

Medicine.

Surgery.

Midwifery.

Medical Jurisprudence.

Comparative Anatomy.

Practical Chemistry.

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### STARR MEDALS.

The late RICHARD NOBLE STARR, M.D., devised certain property for the encouragement of the study of the subjects of Anatomy, Physiology, and Pathology. In fulfilment of this object, the Senate have established one Gold and Two Silver Medals, called the "Starr Medals." These medals are competed for annually at the same time as the Examination for the Degree of M.B., and are conferred upon the three competitors who have attained the highest marks in the above subjects; the relative rank of each candidate being determined by the aggregate number of his marks in all such subjects. They are open for competition to all students who have received their medical education in any Medical School or Institution affiliated with the University, and have matriculated or been admitted *ad eundem statum* in the Faculty of Medicine in the University; but such competitors must be of sufficient standing to be entitled to present themselves for the Degree of M.B. Candidates are required to take all the subjects appointed for Examination for the Degree of M.B. Every recipient of the Medal must have attained the standing of first class in each of the subjects of Anatomy, Physiology, and Pathology, and must be classed in Honors in all the other subjects of Examination. The "Starr Medal" may be taken and held by any candidate to whom the University Gold or Silver Medal has been awarded at the same Examination, in which case it is optional for him to receive, instead of such University Medal, the value thereof in money.

### F E E S .

For the course on—1, Demonstrations, including material for dissection ; 2, Physiology ; 3, Chemistry ; 4, Materia Medica and Therapeutics ; 5, Medicine ; 6, Surgery ; 7, Midwifery and Diseases of Women and Children, \$12 each.

Anatomy, descriptive and surgical, \$15.

1, Medical Jurisprudence ; 2, Practical Chemistry ; 3, Clinical Medicine ; 4, Clinical Surgery, \$6 each.

1, Sanitary Science ; 2, Microscopical Demonstrations ; 3, Botany, \$5 each.

Registration, \$5, payable only once.

The third course on any branch, free.

All fees must be paid in advance.

Communications may be addressed to

H. H. WRIGHT, M.D.,

*Secretary.*

The faculty have established the following scholarships, which will be open to the students of the respective years in which they are awarded, and will be distributed as follows :

There will be one scholarship to the value of \$50, awarded at the close of each of the first three years of the course. These scholarships will be open to all students who have attended and paid for the course of lectures in the several years for which they are awarded.

There will also be a prize given at the end of the fourth year, consisting of a surgical case of the value of \$50. This prize will be open for competition to all students who have attended at this school and paid for two full courses of lectures.

The amounts of the several scholarships will be given in money to the successful competitors as soon as they have been awarded.



# LECTURES.

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**WINTER SESSION, 1877-78.**

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## **SURGERY.**

**DR. W. T. AIKINS.**

Inflammation, Surgical Injuries, including Fractures, Dislocations, Injuries to the soft parts, and gun-shot wounds. Amputations, Ligation of Arteries, Surgical Diseases, including Abscess, Ulcers, Gangrene, Erysipelas, Pyæmia, Tumours, Aneurisms and Joint Diseases, Plastic Surgery, Hernia, Urinary Calculus.

Special attention will be paid to the practical parts of Surgery, comprising injuries and diseases which are most frequently met with in Canada. The Lectures will be illustrated by plates and specimens from the Museum of the School, and by operations on the Cadaver.

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## **THEORY AND PRACTICE OF MEDICINE.**

**DR. H. H. WRIGHT.**

This course will be divided into two parts, comprising General and Special Pathology.

The first part, consisting of Etiology, Nosology, Symptomatology, Pathology, Prophylaxis, Prognosis, and Treatment.

Second Part—1st, General Diseases ; 2nd, Local Diseases.

Special attention will be paid to those diseases which are most frequently met with in Canada. The lectures will be illustrated by plates and morbid specimens from the Museum of the School.

## DESCRIPTIVE AND SURGICAL ANATOMY.

DR. J. H. RICHARDSON AND DR. M. H. AIKINS.

A complete course on Descriptive and Surgical Anatomy will be given. All the various structures entering into the composition of the human frame will be exhibited and described, the lectures being illustrated by freshly dissected specimens, dried and wet preparations, wax models, and diagrams.

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## MIDWIFERY.

DR. U. OGDEN.

Anatomy of the Female Pelvis and Fœtal Head; Anatomy of Organs of Generation.

Menstruation; Generation; Pregnancy.

Signs of Pregnancy; Diseases of Pregnancy.

Parturition—I. Natural Labour; its general phenomena; Mechanism of Labour; Management of Natural Labour; Anæsthetics.

The Puerperal State.

II. Unnatural Labour; (*a*) From abnormal condition of the expulsive force; (*b*) From abnormal condition of the uterus, soft parts, or bony pelvis. Treatment of these abnormal conditions. Use of Forceps; Craniotomy; Turning.

III. Complex Labour; Retained Placenta; Uterine Hæmorrhage; Puerperal Convulsions; Puerperal Fever.

Diseases of Women: The more common diseases and displacements of the uterus.

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## MATERIA MEDICA AND THERAPEUTICS.

DR. THORBURN.

All the important remedial agents will be discussed, comprising an account of (1) the Natural History; (2) Mode of Preparation ordered in the British Pharmacopœia; (3) Physical and Chemical properties, impurities, adulterations, and tests; (4) Effects on the System in medicinal and poisonous doses; their uses, and the diseases in which



they may be advantageously employed ; (5) Doses, mode of administration, incompatibles, and antidotes.

The course will be illustrated by a collection of specimens.

## PHYSIOLOGY.

DR. M. BARRETT.

Structural and Chemical Composition of the Body.

Tissues, Epithelium, Connective Tissue, Cartilage, and Bone.

Serous and Mucous Membranes.

Blood, Circulation of the Blood. The Heart, Arteries, Capillaries, and Veins.

Respiration.

Digestion, Absorption, Glandular System, Nutrition, Animal Heat, Secretion and Excretion, Nervous System, Motion, Special Senses, Reproduction, Embryology, and Development.

## CHEMISTRY.

DR. J. E. GRAHAM.

The Course will include the following subjects : Chemical Physics, Specific Gravity, Cohesion, Crystallization, Dialysis, Heat, Light, and Electricity.

INORGANIC CHEMISTRY.—The preparation and properties of the non-metallic elements and their compounds. The laws of Chemical combination deducible therefrom. The Chemistry of the most important metals and their compounds ; the modes of preparing and detecting them.

ORGANIC CHEMISTRY.—An outline of the groups into which organic bodies are divided ; the methods of determining their composition both by analysis and synthesis ; the modes of preparing them, and their general characters. Application of Chemical analysis to Toxicology.

## MEDICAL JURISPRUDENCE AND TOXICOLOGY.

DR. W. W. OGDEN.

**HUMAN DEVELOPMENT AND DECAY.**—Medical evidence\* derivable from these. Personal identity; effects of *time* and *circumstances* with means of determining. Marriage and divorce, with special physical and other conditions necessary to the validity of the former and required for the latter. Pregnancy concealed and pretended; with means of determining. Delivery; signs of near and remote. Mental Alienation including the various forms of diseased mind; with causes and means of averting. Rape; Infanticide; Homicide; Hanging; Drowning, Mephitism, etc., etc.; Death by Starvation, by Heat and Cold; Lightning; Wounds before and after death; Burns, Scalds, Etc., Etc.

**TOXICOLOGY.**—Under the latter, poisons are grouped according to their effects, the general symptoms of various groups or classes, with general treatment, and also the special effects if any are brought out. An effort is made to simplify the study of the subject as much as possible, and render its acquirement a matter of comparative ease, and of *real interest* if not delight.

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## SANITARY SCIENCE.

DR. OLDRIGHT.

IN ITS PHYSIOLOGICAL AND PATHOLOGICAL ASPECTS.

**AIR:** Impurities and effects, how caused and how obviated; Modes of Examination; Ventilation, disinfection and other modes of purification.

**SEWAGE:** Disposal and Utilization; dry, wet, and air methods; construction, ventilation, and cleansing of Sewers.

**CONTAGION AND INFECTION.**

**CLIMATOLOGY:** Soils, Winds, Vegetation. Heat and Cold. Warming.

**HYGIENIC ARCHITECTURE. CLOTHING. BATHS.**

**WATER:** Sources; varying Composition and Impurities; their effects; how removed and prevented; modes of examination.

**FOODS:** Comparative Values, Impurities—their effects, their detection.

SLEEP. EXERCISE. OCCUPATION. MODE OF LIFE.  
 SANITARY LEGISLATION, present and prospective, of various  
 countries.

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BOTANY.

DR. R. A. REEVE.

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STRUCTURAL BOTANY.

Vegetable Anatomy and Physiology, including Histology.

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COMPARATIVE ANATOMY.

BY PROFESSOR RAMSAY WRIGHT.

Students may attend the Lectures given at University College.

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PRACTICAL ANATOMY.

DR. MCFARLANE AND DR. GEORGE WRIGHT.

The Demonstrators attend daily in the dissecting-room, for the purpose of directing students in their dissections, and examining them on dissected parts.

The Dissecting-room will be open daily from 9 A.M. to 6 P.M.

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MICROSCOPICAL ANATOMY.

DR. ZIMMERMAN AND DR. F. H. WRIGHT.

This course will comprise demonstrations of the various tissues, organs, and fluids of the body; instruction in the use of the microscope, demonstrations of the various Pathological conditions of the body; the use of the microscope in diagnosis of disease.

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OPHTHALMIC AND AURAL SURGERY.

A short course of practical lectures will be given on Diseases of the Eye and Ear, illustrated by cases at the Toronto General Hospital.

**PRIZEMEN FOR 1876-77.**

The prizes given by the Faculty last Session were awarded to the following gentlemen :

First year, 1. Clapp, R. E., 2. Macklin, W. C., 3. Todd, J. A.

Second year, 1. Burt, Franklin, 2. Dryden, James.

Third year, 1. Griffin, H. S., 2. Good, J. W., 3. McKinnon, A. H.

Fourth year, 1. Grant, Andrew, 2. Field, Byron.

Honours obtained by Students of the Toronto School of Medicine at the Annual Examinations of Toronto University, 1877 :

University Silver Medal.....	1. R. B. Orr.
"    "    "    .....	2. N. D. Richards.
1st Year Scholarship.....	W. J. Cross.
2nd "    "    "    .....	James Adair.
3rd "    "    "    .....	H. S. Griffin, B.A.

