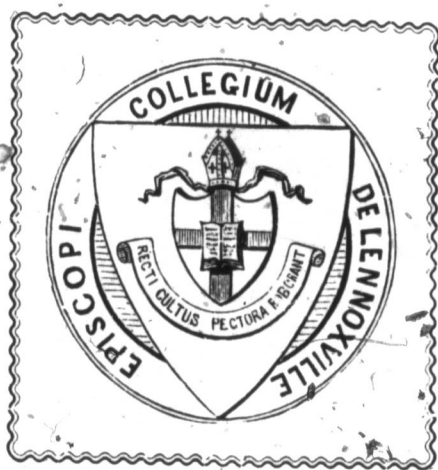


# UNIVERSITY OF BISHOP'S COLLEGE.



. . . 24th Annual Announcement . . .

OF THE

## FACULTY OF MEDICINE

### MONTREAL.

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SESSION 1894-1895.

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Montreal:

THE G. TRENHOLME BISHOP ENGRAVING AND PRINTING COMPANY.





# UNIVERSITY OF BISHOP'S COLLEGE.

INSTITUTED 1852.

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*All communications relating to the Medical Department of this University should be directed to the Dean of the Medical Faculty, DR. F. W. CAMPBELL, 10 Phillip's Place, Beaver Hall, or to DR. G. T. ROSS, the Registrar, No. 945 Dorchester Street.*

*Students on arriving in the city should call upon either of the above gentlemen, who will impart all necessary information.*

## Faculty of Medicine.

- F. W. CAMPBELL, M.A., M.D., L.R.C.P., Lond., Dean, Professor of Principles and Practice of Medicine, Consulting Physician Montreal Dispensary, Physician to the Montreal General and Western Hospitals 10 Phillips Place, Beaver Hall.
- J. B. EDWARDS, Ph.D., D.C.L., Emeritus Professor of Practical Chemistry, 748 Dorchester Street.
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- H. L. REDDY, B.A., M.D., L.R.C.S.E., L.R.C.P., Lond., Professor of Obstetrics, Physician to Western Hospital, Accoucheur Women's Hospital. 999 Dorchester Street.
- J. T. DONALD, M.A., F.C.S., Professor of Chemistry, 76 Hutchison Street.
- GEO. TILLERIE ROSS, M.D., C.M., Professor of Laryngology and Rhinology, Consulting Physician Montreal Dispensary, Physician Western Hospital, out patient Department, Registrar of the Faculty, 945 Dorchester Street.
- JOSEPH BEMROSE, F.C.S., Professor of Practical Chemistry, 56 St. Famille Street.
- F. R. ENGLAND, C.M., M.D., Professor of Surgery, Surgeon Western Hospital, 58 Beaver Hall Hill.
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- ARTHMAN BRUERE, M.D., Edin., Professor of Physiology and Histology, 492 St. Charles Borromeo Street.
- J. A. SPRINGLE, M.D., C.M., Professor of Anatomy and Lecturer on Applied Anatomy, Surgeon Western Hospital, 410 St. Antoine Street.
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- WILLIAM BURNETT, C.M., M.D., Lecturer on Hygiene, 911 St. Catherine Street.
- JAMES V. ANGLIN, B.A., M.D., Lecturer on Mental Diseases, 243 Green Ave.
- ROBT. WILSON, M.D., Lecturer on Materia Medica and Therapeutics, 545 Willington Street.
- ROLLO CAMPBELL, C.M., M.D., Demonstrator of Anatomy, Physician Montreal Dispensary, Physician Western Hospital, out patient Department, 58 Mackay Street.
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- GRACE RITCHIE, B.A., C.M., M.D., Assistant Demonstrator Anatomy, Physician Western Hospital, out patient Department, 471 Guy Street.

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*Practical Chemistry.*—J. B. EDWARDS, J. BEMROSE.

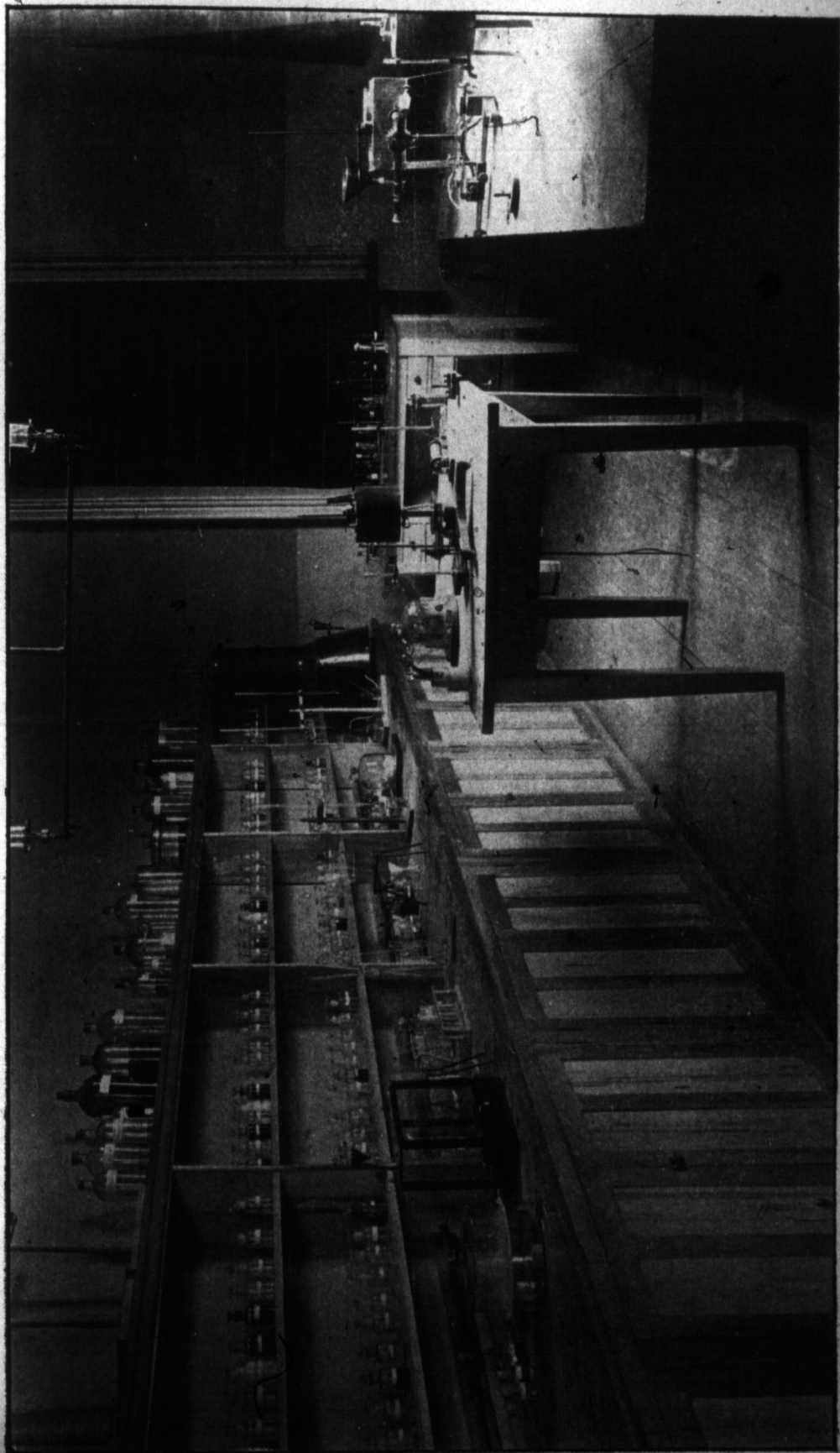
*Anatomy.*—R. A. KENNEDY, WM. FULLER, GEO. E. ARMSTRONG, J. LESLIE FOLEY, D. D. GAHERTY, J. J. GARDNER, GEO. B. ROWELL, A. P. SCOTT, J. A. SPRINGLE.

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# THE FACULTY OF MEDICINE

OF THE

## University of Bishop's College.

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The 24th session of this Faculty will commence on Monday, the first day of October, 1894, and will be continued regularly until the end of March, the usual Christmas vacation intervening.

The Faculty of Medicine of Bishop's College aims at imparting a thoroughly practical medical education, and its facilities for doing so are in many respects unequalled in Canada. In addition to the regular course of didactic lectures, students have the advantage of extensive and varied hospital privileges.

The General Hospital, Royal Victoria, Western Hospital, Hotel Dieu Hospital and Dispensaries afford every opportunity to students of this College to receive clinical instruction in Medicine and Surgery. At the Women's Hospital special advantages are afforded for the practical study of Obstetrics.

The College building contains large lecture rooms, several smaller lecture rooms for Practical Chemistry, Practical Physiology, Histology, Bacteriology, etc., and large, airy, well-lighted dissecting rooms at the top of the building, isolated from the rest of the class-rooms. Under the new Anatomy Act of the Province of Quebec, ample material for dissection is provided at moderate rates.

The Histological, Physiological and Bacteriological Laboratories are supplied with a complete outfit of Microscopes, Microtomes and of Bacteriological and other modern apparatus. Recently the Faculty has expended another large sum for apparatus in several departments, to facilitate practical teaching.

The Faculty is recognized by the Royal College of Surgeons, England, and the Royal College of Physicians, London. Class tickets for the various courses are accepted by these Colleges as

qualifying candidates for examination. The Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, the Faculty of Physicians and Surgeons of Glasgow, and the University of London, also accept the class tickets of Bishop's College, and the Diploma of this University exempts its holder from being examined on the subjects of the Primary branches and Matriculation. Such candidates are therefore only required to pass in the subjects of the Final Branches, including Hygiene. The Scottish colleges acting conjointly grant only one examination, and therefore confer a triple qualification.

The Degree of Medicine and Surgery of this University, being accepted by the licensing bodies of Great Britain, its possessor is entitled to the same exemptions as are allowed all other recognized colonial degrees. The College of Physicians and Surgeons of Quebec accepts the degree without further examination, provided the holder of such degree has, previous to beginning the study of Medicine, passed the preliminary examination exacted by that Board.

The class tickets for the various courses are accepted as qualifying for the examination of the College of Physicians and Surgeons of Ontario, and the Matriculation examination of this Faculty is recognized by the General Medical Council of Great Britain.

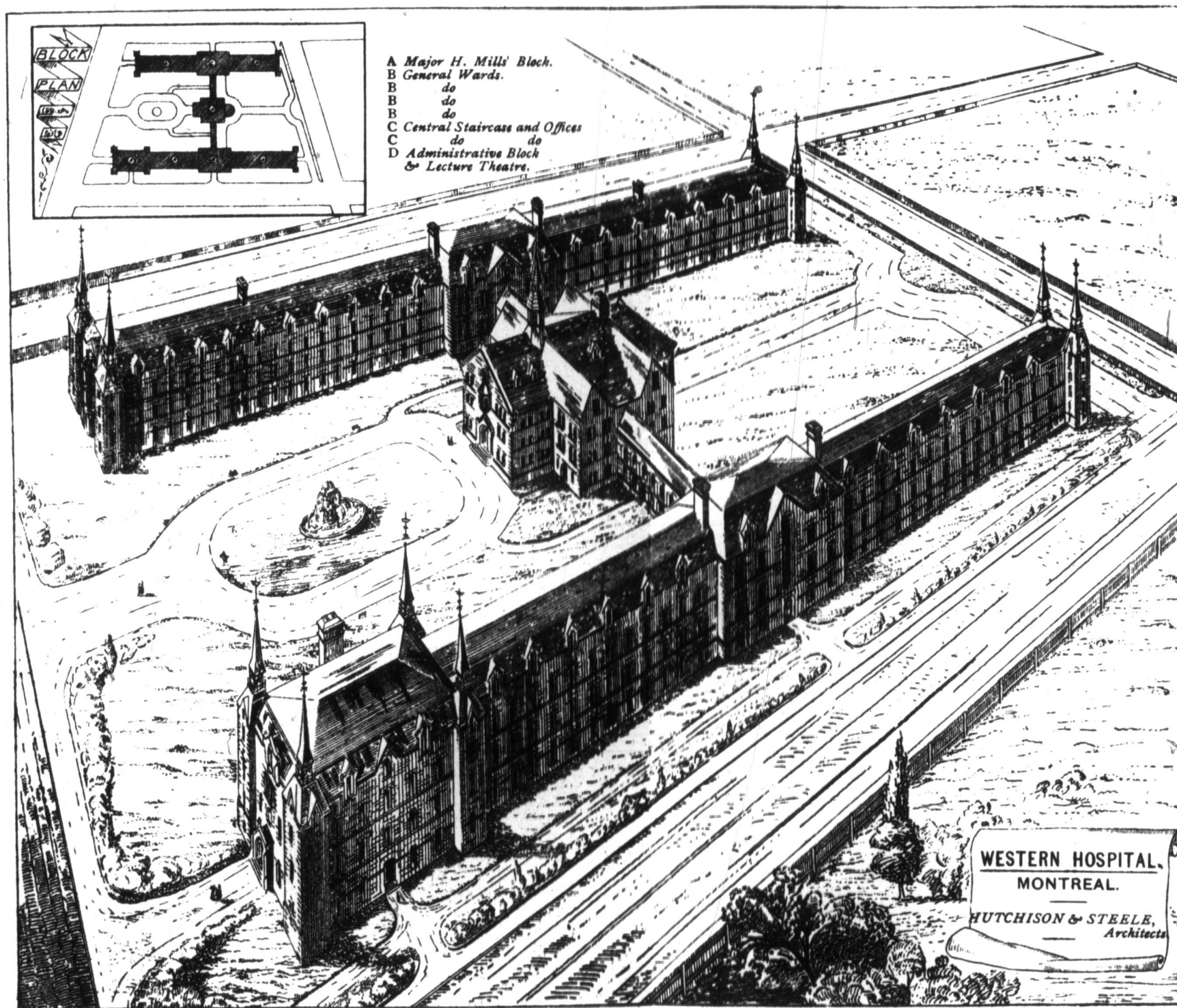
The Medical degrees of this University are—Master of Surgery, (C.M.) and Doctor in Medicine, (M.D.) The degree of Master of Surgery is not conferred upon any person who does not at the same time obtain the degree of Doctor in Medicine.

Convocations for the conferring of Medical degrees are held in Montreal immediately after the close of the session.

### HOSPITAL PRACTICE.

Montreal being the most populous city in the Dominion of Canada, as well as the commercial metropolis, affords in its large and well equipped hospitals, greater opportunities to the medical student for acquiring practical experience with disease and accident, medical and surgical, than can be obtained elsewhere in the Dominion. Unfortunately the larger the city the greater the extremes of wealth and poverty, and Montreal forms no exception





THE WESTERN HOSPITAL, MONTREAL.



to this rule. This condition of things adds to the opportunities of the medical student, for the wards of our numerous hospitals are in a chronic state of over-crowding with the sick and suffering, affording examples to the teacher and student of a great variety of diseases. Being a large manufacturing centre, and at the head of ocean navigation, the greatest variety of accidents are daily presented to the student for illustration and instruction, and students are most urgently requested to spend as much time as possible in the wards of the hospital and in the out-door rooms of the hospitals and dispensaries, to familiarize themselves with the work for which they are preparing themselves. The best students are those who spend as much time as is consistent with proper attention to their other work in reporting and dressing in hospital wards.

*The Western Hospital* is now a general one, receiving patients of both sexes. It is attended by a staff of fourteen physicians, most of whom are members of this Faculty.

Only a portion of the Eastern wing has been completed, but steps are now in progress for a considerable extension. It is open to students of both sexes and its private wards are available to the patients of physicians, who do not belong to the attending staff.

In the department for diseases of women the various gynecological operations are frequently performed. The large number of successful abdominal sections which have occurred in this institution has afforded abundant opportunities for witnessing the recent advances in abdominal surgery. Members of the staff are in attendance daily at 12 noon, at which hour clinics are held which afford special advantages to students desirous of successfully studying uterine and other diseases peculiar to women, and general medical and surgical cases.

In the departments for diseases of the eye, ear, nose and throat and of the skin, ample opportunities are afforded for studying these specialties in the out-door department, the large number of patients enables the physicians in attendance to impart instruction, by selecting cases for demonstration presenting points for comparison and contrast. Practice can be obtained in auscultation and other means of Physical Diagnosis.

The positions of resident House Surgeons are open to graduates of this College.

*The Women's Hospital* is entirely under the control of Bishop's College, and is directly under the superintendence of the Professor of Obstetrics, and from the large number of patients admitted affords greater facilities for acquiring a practical knowledge of midwifery than can be obtained in any other medical school in Canada.

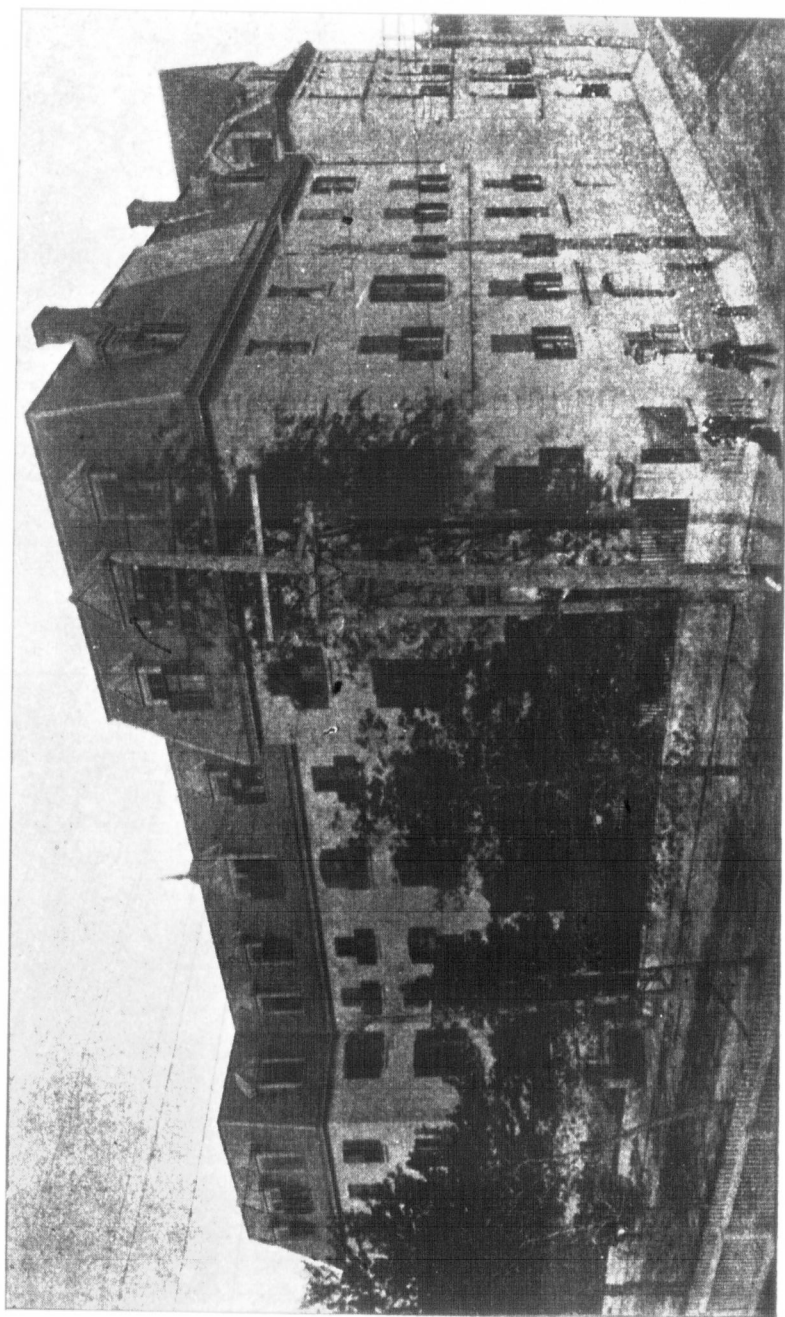
The position of acting Resident Physician in this Department is open to senior students of Bishop's College.

*The Montreal General Hospital*, (200 beds) is situated within a few minutes walk of the College, and is visited daily by two physicians and two surgeons, besides two ophthalmic surgeons, two gynecologists and a laryngologist. This is essentially a hospital for acute diseases as evidenced by the large number of patients treated annually—2553 Medical and Surgical besides an out-door attendance of 13,000 per annum. It affords equal advantages to students of all Medical colleges for obtaining a practical knowledge in every department of Medicine and Surgery. A wing used as a Children's Hospital will also greatly assist students in the study of diseases of children. A special department for the treatment of the diseases of the eye and ear, under the care of the Ophthalmic Surgeons, affords students facilities for their study. Clinical instruction is given daily, and all operations performed in the presence of the students. Regular Clinical Lectures on Clinical Surgery and Clinical Medicine, open to students of this University are delivered during the winter. In addition a Clinical Lecture is given every Monday and Thursday by Dr Campbell, Dean of the Medical Faculty of Bishop's College.

*The Royal Victoria Hospital.* This hospital which is situated on Pine Avenue, corner of University Street, has just been completed, and patients have been admitted since the 1st of January, 1894.

The erection of this magnificent pile of buildings in commemoration of the jubilee year of the reign of Her Majesty Queen Victoria, was rendered possible through the great liberality of two of the city's greatest benefactors, Sir Donald Smith and Lord Mount Stephen, each of whom gave half a million dollars; the city having contributed a large piece of ground for the use of





FRONT VIEW OF THE MONTREAL GENERAL HOSPITAL, DORCHESTER STREET.



the hospital. The hospital receives all classes of medical and surgical cases, and has special wards for Gynecological and Ophthalmic Diseases. It can accommodate about 250 patients, and extends its charity to the afflicted from all parts of the Dominion as freely as to those from the city. There are three main buildings, a central administration block and two large wings, one for surgical the other for medical cases, each has three large wards, 126 ft. by 26 ft. 6 in., besides several smaller ones; medical and surgical theatres capable of seating 250 students. There are laboratories for Clinical and Pathological Chemistry, Pathological and Bacteriological investigations and a mortuary. Students from all colleges are admitted on equal terms.

Annual fee \$5.00. Perpetual tickets are obtained when the third annual fee is paid. Tickets are given at the hospital.

*The Hotel Dieu Hospital*, (200 beds), is within a short distance of Bishop's College. Attention is directed to the vast amount of Surgery to be seen in this institution, which is much greater than in any other Hospital in Canada. Clinical lectures in Surgery and Medicine are delivered. Students of Bishop's College can attend these lectures.

*The Montreal Dispensary*, with a staff of six attending physicians and an oculist, gynecologist, laryngologist and dermatologist has an average daily attendance of about fifty patients. Being in close proximity to the manufacturing districts of the city, it has a large number of minor accidents brought to it for attention, thus giving an excellent opportunity for the practice of minor surgery—such as dressing wounds, bandaging, strapping, application of splints, etc. The student will have every advantage afforded him for acquiring practical knowledge, by auscultation and percussion of diseases of the chest which forms a large portion of the cases seen here. A very large number of cases of diseases of the eye, ear and throat are treated at this institution, and students will be practically taught the use of the ophthalmoscope, laryngoscope, etc.

The dispensing department is in charge of a licensed pharmacist, and students are permitted to dispense under his supervision. Many useful and practical hints in the compounding of drugs, and a knowledge of their doses are thus acquired.

## ADMISSION OF LADY STUDENTS.

During the past few years the subject of the higher education of women and their admission to the learned professions has been greatly agitated. The claims of women to be allowed the same privileges as male students in our highest educational institutions have met with liberal recognition, and where the question has been tested, the results have demonstrated beyond expectation their capacity for coping with the demands of the curriculum. Their efforts to obtain equal footing with male students in Medical colleges have not been so successful, owing chiefly to sentimental objections which have generally prevailed in regard to co-education in Medical courses. The success achieved by those who have already become members of our profession, and the number now pressing for admission to its study, indicate that in the near future, lady physicians will become prominent in certain departments at least of Medical practice.

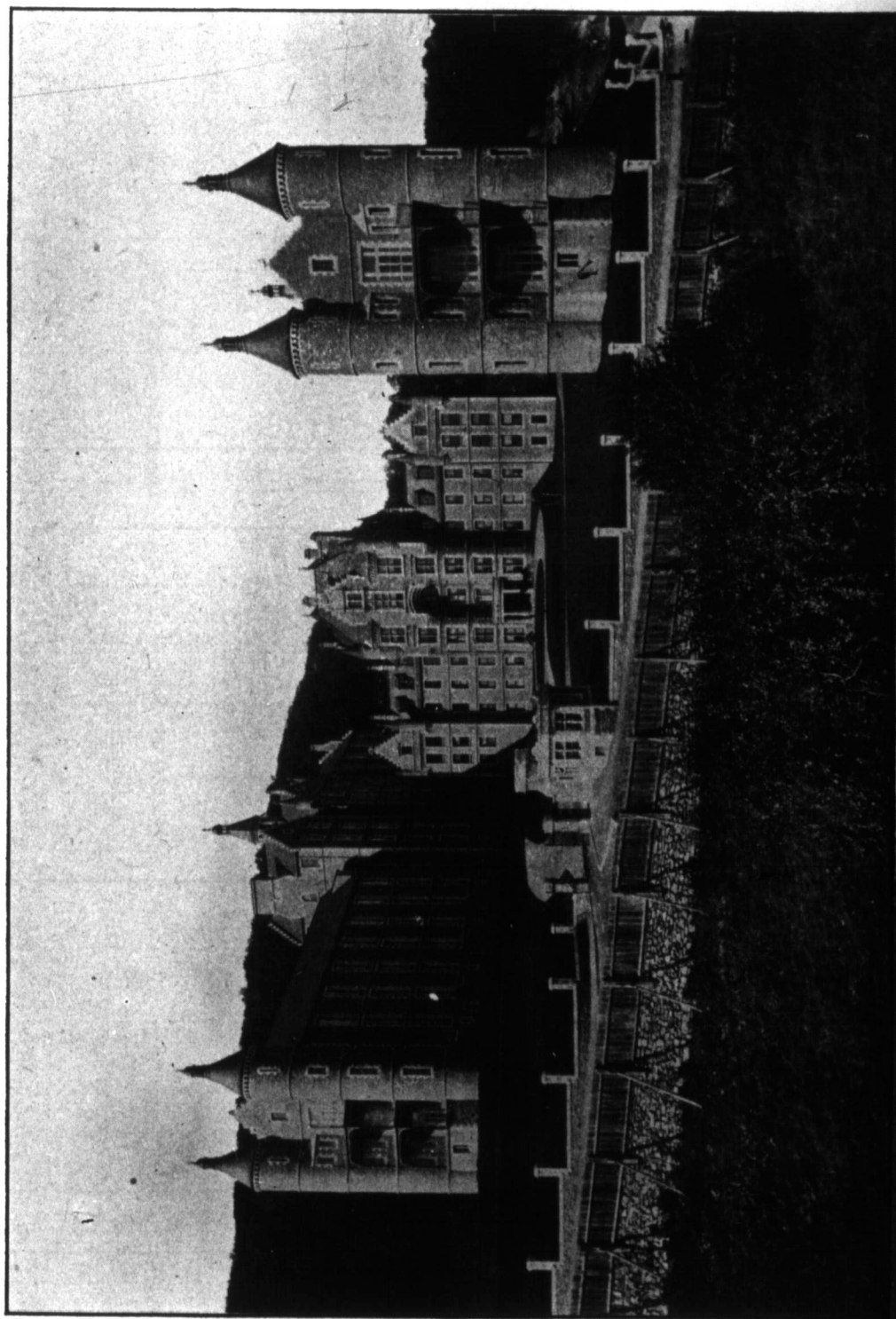
Four years ago this Faculty took the initiative in the Province of Quebec of accepting lady students on the same conditions as male students. The experience afforded up to the present time has proved conclusively the successful working of co-education as far as this college is concerned. Alterations in the College building were made, providing separate dissecting rooms, cloak rooms, reading rooms, etc. A few of the lectures on certain subjects are duplicated, thus to some extent mitigating what heretofore has been considered an objectionable feature in the co-education scheme.

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MATRICULATION.

According to the Medical Act of 1879, in order to register a diploma in Medicine in the Province of Quebec, and to obtain a license, it is necessary that all students must pass a preliminary examination before the examiners appointed by the Board, or produce a certificate of having passed an equivalent preliminary examination before a College or Licensing Board, recognized by the "Provincial Medical Board," elsewhere than in the Province of Quebec. It is also absolutely necessary that students shall attend at least four full six month's sessions at College and of







these they are obliged to attend the first session during the first year succeeding the obtaining of certificate of qualification to study. The student before obtaining a Diploma must have been engaged in the study of Medicine for a period of not less than four years after having passed the preliminary examination. Students who intend practicing in other Provinces of the Dominion, should pass the Matriculation examination accepted by the several registering boards of these Provinces.

Students intending to practice in Ontario are required by the Medical Council of that Province to pass their preliminary examination before commencing the study of Medicine. Those having the degree of B.A. and Matriculants of any University and of most of the Medical Colleges and Boards in Her Majesty's Dominion are exempt from this examination in this University. The B.A. degree is now accepted by the College of Physicians and Surgeons of Quebec. Students who do not desire the license of either Province must pass the Matriculation Examination of this University, or present a certificate of an equivalent examination before a body authorized for that purpose if not otherwise qualified as above indicated.

Attention is particularly directed to the importance of passing the Matriculation examination in the spring, as four full years of professional study are required from the date of Matriculation before a provincial license is granted either in Ontario or Quebec.

#### PRELIMINARY EXAMINATION.

A. N. SHEWAN, M.A., Montreal, Examiner for Canada.

W. MORRISON, M.A., Kingston, Jamaica, Examiner for West Indies.

Students who do not desire the license of either the Quebec or Ontario College of Physicians and Surgeons, and not otherwise qualified, will be examined by this University in March and October, on the following subjects. Fee \$5.

COMPULSORY SUBJECTS :—ENGLISH ; *Miller's Swinton's Language Lessons.*

FRENCH ; Grammar and *Charles XII, Two Books,*

LATIN ; Grammar and *Æneid* Bk. I., or *Cæsar de Bello Gallico*, Books I and II.

ARITHMETIC; including Vulgar and Decimal Fractions.

ALGEBRA; including *Simple Equations*.

GEOMETRY; *Euclid* Books I and II.

HISTORY; *History of England and Canada*, Ontario Series.

GEOGRAPHY; particularly of Canada.

BELLES-LETTRES; Brooks Primer of English Literature.

OPTIONAL SUBJECTS:—GREEK; *Xen. Anab.* Book I., with grammar.

NATURAL PHILOSOPHY; *Ganot's Physics*, Chaps. I, II and III.

MORAL PHILOSOPHY; *Murray's Outline of Hamilton's Philosophy*.

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### IMPORTANT NOTICE.

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At the Semi-Annual Meeting of the Governors of the College of Physicians and Surgeons, Province of Quebec, held in Montreal on the 11th May, 1892, it was decided that for the future it would not recognize Degrees or Preliminary Certificates from any Province that did not reciprocate with them. Under this decision the Preliminary Certificates from Ontario will not be accepted by the College of Physicians and Surgeons of the Province of Quebec. This decision is important to those students who intend to apply for the Quebec License, as heretofore the Ontario Preliminary Certificate has been received. The Quebec Licensing Board reciprocates with the Province of Manitoba.

The Preliminary Certificate of the Medical Councils of Nova Scotia, New Brunswick and Prince Edward Island, will doubtless be received, as these Provinces register Quebec Licentiates on simple payment of the Registration Fee.



# COLLEGE OF PHYSICIANS AND SURGEONS

OF THE PROVINCE OF QUEBEC.

## PROGRAMME OF THE PRELIMINARY EXAMINATION FOR 1894.

- LATIN.**—The *Commentaries* of Cæsar, bks. I, II, III, IV, V.—The *Aeneid* of Virgil, bks I and II.—The *Odes* of Horace, bk III. A sound knowledge of the Grammar will be required.
- ENGLISH.**—A critical knowledge of Shakespeare's play of Henry VIII, Questions of Grammar, Etymology and Analysis.
- FRENCH.**—Translation into English of passages from "*Telemachus*" with questions of grammar and parsing. Also translation into French of easy English sentences.
- BELLES-LETTRES.**—Principles of the subject and of Rhetoric; also History of the literature of the age of Pericles in Greece, of Augustus in Rome, and of English and French Literature of the 17th, 18th and 19th centuries.
- HISTORY.**—A general knowledge of the History of Greece and of Rome, and a more particular knowledge of British, French and Canadian History.
- GEOGRAPHY.**—A general knowledge of the subject, and more especially of England, France and North America.
- ARITHMETIC.**—Must include vulgar and decimal fractions, simple and compound proportion, interest, percentages and square root.
- ALGEBRA.**—Must include fractions and simple equations of two unknown quantities.
- GEOMETRY.**—The first three books of Euclid and principal propositions of the Sixth. Also the measurement of the lines, surfaces and volumes of the regular geometrical figures.

## OPTIONAL SUBJECTS.

(The Candidates must select one of the following.)

GREEK.—The *Anabasis* of Xenophon, bks. I, II, III, and the *Iliad* of Homer, bks. I and IV, with questions of grammar.

PHYSICS.—General principles as in Peck's translation of Ganot.

PHILOSOPHY.—Logic with Mental and Moral Philosophy.

N. B.—Candidates must produce certificates of good moral character. Any candidate detected in copying or in aiding another to copy, or in using books or notes, will be immediately dismissed from the room.

The Examinations will be held in September, 1894, at Quebec, and in July, 1895, at Montreal. Applications to be made to Dr. Brosseau, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained, and exact date of examination.

Examination Fee, 20 dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

## COURSES OF MEDICAL STUDIES TO BE TAKEN UP EACH YEAR.

The student is recommended to attend his medical studies as follows (paying special attention to Practical Anatomy during the first two years).

## FIRST YEAR.

ANATOMY, PRACTICAL ANATOMY, PHYSIOLOGY, PRACTICAL PHYSIOLOGY, MATERIA MEDICA AND GENERAL THERAPEUTICS, CHEMISTRY, HISTOLOGY, BOTANY, CLINICAL MEDICINE AND SURGERY.

Students are at liberty to present themselves for examination on Botany and Histology, at the end of their first session.

Those who have passed the Quebec Board Matriculation do not require Botany.

## SECOND YEAR.

ANATOMY, PHYSIOLOGY, MATERIA MEDICA AND GENERAL THERAPEUTICS, CHEMISTRY, PRACTICAL CHEMISTRY, DISSECTION, CLINICAL MEDICINE AND SURGERY.

Students who have passed their examinations on Botany and Histology and have attended two complete courses on any of the primary subjects, are admitted to examination on these subjects at the end of the second year.

### THIRD YEAR.

MEDICINE, NEUROLOGY, SURGERY, GENERAL PATHOLOGY, PSYCHIATRY, OBSTETRICS, GYNECOLOGY, DISEASES OF CHILDREN, MEDICAL JURISPRUDENCE AND TOXICOLOGY, AUTOPSIES, CLINICAL OBSTETRICS, CLINICAL MEDICINE AND SURGERY.

Students who have passed their examination in all the primary subjects may be admitted to the examinations on Medical Jurisprudence, Toxicology, and Mental Diseases and Pathology at the end of their third session. The summer session is compulsory after the third year to all students attending this College.

Examinations held at the end of the course. See Summer Session.

### FOURTH YEAR.

MEDICINE, NEUROLOGY, SURGERY, AUTOPSIES, OBSTETRICS, GYNECOLOGY, DISEASES OF CHILDREN, LARYNGOLOGY AND RHINOLOGY, CLINICAL OBSTETRICS, CLINICAL MEDICINE AND SURGERY.

Students, who have passed their examination on all primary subjects will be admitted to the final examination at the end of their fourth year.

Candidates may, if they choose, be admitted to all examinations at the end of their fourth year.

### PROFESSIONAL EXAMINATIONS.

Each candidate is examined in writing and *viva voce*. The primary subjects are Chemistry, Practical Chemistry, Descriptive and Practical Anatomy, Physiology, Practical Physiology, Histology, Materia Medica and Therapeutics and Botany. The subjects for the final examinations are: Practice of Medicine, Neurology, Surgery, Laryngology and Rhinology, Clinical Obstetrics, Psychiatry, Pathology, Obstetrics, Gynecology, Medical Jurisprudence, Ophthalmology and Otology, Diseases of Children, Clinical Medicine and Clinical Surgery. By passing these examinations on the plan above suggested a definite amount of work is accomplished each year, and an equal division is made between the primary and final branches.

Seven prizes will be offered for competition during the ensuing Winter Session.

*The Wood Gold Medal.*—A gold medal, presented annually by Dr. Casey A. Wood to the student who has attended at least two six month's sessions at Bishop's College, and at the final examination has the highest aggregate number of marks on all the subjects of professional examination.

*The Robert Nelson Gold Medal*, (value \$60).—Presented annually for the best special examination in surgery, open to all candidates who have taken honors in all the subjects, and who have attended at least two six month's sessions at Bishop's College.

*The David Medal.*—In 1880 the Faculty founded a Scholarship which was afterwards named the "David Scholarship" in honor of their late Dean. Owing to changes having occurred in the arrangement of lectures, it has been decided that in future this prize shall consist of a silver medal to be known as the "David Medal," which will be awarded to the student who obtains the highest number of marks in the primary examinations.

*Chancellor's Prize.*—A prize in books to be given annually by R. W. Heneker, Esq., Chancellor of this University, to the student who passes the best final examination. (This prize is not open to the "Wood" Gold Medalist.)

The Wood gold medal, the Nelson gold medal, the David silver medal, and the Chancellor's prize are awarded to those who have attended at least two (2) six months' courses at Bishop's College

Prizes in books will be given to :—

- 1 The student who passes the best examination in botany.
- 2 The best dissector in the first year.
- 3 The best dissector in the second year.

To obtain first class honors at least seventy-five per cent. of the marks must be taken ; second class honors, at least sixty per cent ; to pass the ordinary examination at least fifty per cent.

No student can receive a prize who has not taken honors in the examination.

#### TABLE OF FEES.

##### LECTURES :

Anatomy, two courses required.....	each.....	\$12 00
Physiology " " .....	"	12 00
Chemistry " " .....	"	12 00
Materia Medica " " .....	"	12 00



Principles and Practice of Medicine and Neurology two courses.....each	\$12 00
Principles and Practice of Surgery, two courses "	12 00
Obstetrics and Clinical Obstetrics, two courses "	12 00
Medical Jurisprudence and Toxicology, one course required.....	6 00
Pathology and Bacteriology, one winter and one summer course.....	12 00
Gynaecology, two courses.....each	6 00
Diseases of Children, two courses..... "	6 00
Ophthalmology and Otology, one 3 months' course required.....	6 00
Laryngology and Rhinology, one course re- quired.....	5 00
Mental Diseases, one course required.....	5 00
Hygiene one 3 months' course required.....	6 00
Botany, one 3 months' course required.....	5 00

A perpetual ticket for attendance on all the above lectures will be given at a reduced fee, if paid in one sum immediately on commencing the course of lectures. This will effect a considerable saving to the student. Apply to the registrar, Dr. Ross.

Practical Anatomy, two courses required.....each	\$10 00
Practical Chemistry, one course required..... "	12 00
Practical Histology..... "	16 00
Enregistration (each session).....	4 00
Degrees (C.M., M.D.).....	20 00
Registration of Degree.....	5 00

All the above fees to be paid to the Registrar at the Commencement of each session.

No student will be permitted to attend any of the practical branches unless the fee for such branch has been paid *prior to the commencement of the course.*

Students are at liberty, after having paid this College for two full courses of lectures on any subject (except Practical Chemistry, Practical Physiology and Practical Histology), to attend subsequent courses on the same subject free, on paying for material used.

## HOSPITAL FEES :—

*Montreal General Hospital.*

Admission Tickets, twelve months.....	\$ 5 00
Perpetual Ticket.....	15 00
Clinical Lectures on Surgery, four courses required, each	6 00
“ “ Medicine “ “ “	6 00

*Royal Victoria Hospital.*

12 months .....	5 00
Perpetual .....	15 00

*Notre Dame Hospital.*

Admission Tickets, six months.....	4 00
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*Montreal Dispensary.*

Admission Tickets, \$3, Dispensing Fee.....	8 00
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Students who can attend the hospitals and dispensaries during the summer will find it greatly to their advantage to do so. The smaller number of students then in attendance affords greater facilities to those attending for acquiring information. See announcement of Summer course.

Dresserships and Clinical clerkships can be obtained at the Montreal General Hospital by making an early application. Graduates of Bishop's College are eligible for the positions of Resident Medical Officers in this Hospital, of which five are elected annually on or about the 10th of April. Our graduates have been among the successful candidates for the position of House Surgeon to the General Hospital for several years past.

*Western Hospital.*

Admission Tickets, one year.....	\$5 00
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*Women's Hospital.*

Admission Ticket one year.....	10 00
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An *annus medicus*, or medical session, is constituted by at least two full courses of 120 lectures each, or by one such course, and two courses of 60 lectures each, with previous enregistration.

Students of this University who do not reside in the City, on application to the Registrar, will be furnished with certificates, which through the kindness of the railway authorities, will entitle them to return tickets from Montreal at greatly reduced rates.

## RULES.

At the commencement of every session students are required to enroll their names and residences in the register of the Medical Faculty, and obtain from the Registrar a ticket of enregistration. The Registration books shall be closed on the first day of December in each year.

Written or oral examinations will be held by each Professor once a week upon the subjects treated of in his preceding lectures, and every such examination shall be considered a lecture. Each Professor shall, at intervals, call a roll of the names of the students attending his class. Tickets which have not a certificate of regular attendance will be rejected when presented as testimonials, previous to examination, unless the omission be satisfactorily accounted for.

Candidates for graduation in Medicine and Surgery must give sufficient evidence, by certificates:—

1. That they have attended two six month's courses of lectures in each of the following departments of Medical science:—General or Descriptive Anatomy, Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics, Chemistry, Physiology, Materia Medica and Therapeutics.
2. That they have attended two three months' courses in Gynecology, and Diseases of Children; one three months' course in Medical Jurisprudence and Toxicology, one six months course in General Pathology and Bacteriology; one three months' course each of Botany, Hygiene, Practical Chemistry, Ophthalmology and Otology, and also a course of not less than twenty-five demonstrations upon Practical Histology.
3. That they have attended four six months' courses of Clinical Medicine and Clinical Surgery.
4. That they have attended two six months' courses of Practical Anatomy.
5. That they have taken two courses of Clinical Obstetrics of twenty-four lessons each.
6. That they have attended for at least twenty-four months of four periods of six months each, the Medical and Surgical practice of a Hospital in which are contained not less than one hundred beds under the charge of not less than two physicians or surgeons, and that they have been engaged for at least six months in compounding medicines at a Hospital, Dispensary, or with a duly licensed practitioner.
7. That they have attended at least twelve cases of Midwifery, either in a lying-in hospital, or in a private practice, under the supervision of a regular medical practitioner.
8. Practical courses on Pathological Histology and Bacteriology.
9. Courses of lectures and demonstrations on Laryngology and Rhinology, Neurology, Psychiatry, Practical Pharmacy, Medical History and Ethics.

Candidates for the degree must, on or before the first day of March deliver to the Registrar of the Medical Faculty a declaration, in their own handwriting, that they have completed twenty-one years of age (or that they will have done so before the day of graduation.)

Also a statement of studies, accompanied with proper certificates, and the graduation and registration fee.

Students in Dentistry taking their lectures at this college will have a special examination at the close of the session if desired.

#### DONATIONS.

The Faculty begs to acknowledge very thankfully, the following donations.

From DR. MARKS, Coroner, Ottawa, a collection of very valuable Pathological specimens.

From DR. T. SIMPSON, a number of medical books.

From DR. GEO. T. ROSS, a lot of colored Pathological plates.

From DR. LEPROHON, 40 Volumes of French Medical Books.



# LECTURES.—SESSION 1894-95.

## PRINCIPLES AND PRACTICE OF MEDICINE.

BY PROF. FRANCIS W. CAMPBELL.

Associate Professor, J. BRADFORD McCONNELL.

It is proposed in these lectures to give a definition and history, with the etiology, symptoms, diagnosis, prognosis, complications, sequelæ, pathology, and treatment of the more important constitutional affections, as well as of the diseases which attack the principal organs of the human body. The distribution of the course will have, as far as possible, some reference to the different systems and organs, the diseases of which will be considered in separate groups.

The lectures will be illustrated by plates, diagrams, pathological specimens, microscopical preparations, &c.

A few lectures will be given on Medical History and Ethics.

Particular attention will be given to the special Pathology of the different diseases and their therapy.

*Books recommended.*—Flint, Osler, Strümpell, Roberts, Page, Fagge; for reference, the American System of Medicine.

## NEUROLOGY.

PROF. J. BRADFORD McCONNELL.

The course of lectures on Diseases of the Nervous System will constitute a special department of the lectures in medicine. It will include, first, an outline of the various methods and tests employed in the diagnosis of these affections, the use of the ophthalmoscope, electricity, æsthesiometer, &c.; then a general consideration of the chief Diseases of the Brain and Spinal Cord, and of their membranes and nerves. The application of electricity and hypnotism as therapeutic agents, &c.

*Books recommended.*—Hirt's Diseases of the Nervous System, Gowers, Gray.



## PRINCIPLES AND PRACTICE OF SURGERY.

PROF FRANK R. ENGLAND.

This course of lectures will be practical and will include the principles on which the science of Surgery is formed, and also the chief rules for its practice.

It will be divided into three parts, General, Special and Regional. General surgery will embrace the following subjects; Surgical Bacteriology, the process of repair, the traumatic fevers, Inflammation, Suppuration, Ulceration, Abscess & Fistulae, Gangrene, Septicaemia, Pyaemia, Erysipelas, Tetanus, Scurvy, Tuberculosis and Scrofula, Rhachitis, Contusions and Wounds, Syphilis and Tumors.

**SPECIAL SURGERY**—Surgery of the Vascular and Osseous Systems, Fractures, Dislocations, Diseases of Muscles, Tendons and Bursae, Surgery of the Nerves, Glands, Lymphatics and Joints, Surgical diseases of the Skin and its appendages.

**ORTHOPEDIC SURGERY**—Regional Surgery—Diseases and Injuries of the Head, Neck and Spine, Surgery of the Digestive and Respiratory tracts, and on account of the great progress recently made in Abdominal Surgery, special attention will be given to that region; Diseases and Surgery of the Genito—Urinary Organs, Venereal and Rectal disease. When required charts, specimens, and instruments will be shown, and the uses of the latter fully explained.

*Text Books.*—Erichsen, Bryant, Walsham, Treeves, Martin.

*Books of Reference.*—Gant, Agnew, Gross, Hammond on Fractures, Berkely, Hill, Keyes, Allingham.

### OPERATIVE SURGERY.

Operations will be performed on the dead body, the different forms of surgical instruments, apparatus, etc., shown, and their uses explained.

Senior Students will have the opportunity of performing operations themselves on the dead subject under the guidance of the Professor.

*Text-Books.*—Erichsen, Druitt, Clarke, Smith, Bryant.

*Books of Reference.*—Holmes' System, Gant, Gross, Agnew, Pepper's Surgical Pathology.

## DISEASES OF THE EYE AND EAR.

Will embrace a course of lectures upon the diseases of these organs.

Special attention being paid to the diseases and injuries most commonly met with in general practice.

From the large numbers of patient attending the Montreal General Hospital, Royal Victoria, Montreal Dispensary and Western Hospital, students will have ample opportunities of becoming familiar with these diseases and their treatment. Each student will be expected to become practically expert in the use of the Ophthalmoscope.

## OBSTETRICS.

PROFESSOR REDDY.

PREGNANCY, including Abortion and Premature Labor.

NATURAL LABOR, COMPLEX LABOR, etc.

OBSTETRICAL OPERATIONS, THE PUERPERAL STATE and its management.

The principal Obstetric operations, such as Version, Forceps, Craniotomy, etc., are performed on the Edgar-Parvin Mannikin.

Each student will receive practical instruction at The Women's Hospital.

*Books Recommended.*—Playfair, 5 Amer., 9th Eng., Lusk Leishman, Meadows and Winckel.

## GENERAL PATHOLOGY, PATHOLOGICAL HISTOLOGY AND BACTERIOLOGY.

PROFESSOR MACPHAIL.

The instruction in these subjects extends over a period of nine months, namely, one Winter and one Summer Session. The lectures will deal with the principles of General Pathology, and the Pathological Histology of the diseased conditions of the human body. The Demonstrations will be upon the material acquired at the autopsies of the week, and the lectures will be illustrated as well by recent specimens, sections and preparations, of which a large number have been obtained this year.

The following practical courses are obligatory upon all students:—

1. The performance of post-mortem examinations. Each student is required to perform or assist in performing six autopsies.

2. Bacteriology. All students are required to be familiar with the common forms of Bacteriae and to make themselves proficient by practice in the staining and detection of them.

3. A practical course in Pathological Histology during the Summer Session, in which students will learn the methods of preparing, staining, mounting and examining diseased tissues.

*Text-Books.*—Joseph Coats' Manual of Pathology, Delafield and Prudden's Handbook, G. Sims-Woodhead's Practical Pathology.

## PHYSICAL DIAGNOSIS.

PROF. W. G. STEWART.

In this course the various methods of eliciting the physical signs of disease will be taught; the use of the stethoscope and other mechanical aids in diagnosis. The topography of the chest, and normal physical signs will be demonstrated on the living subject. Disease in selected cases occurring at the Western Hospital will also be demonstrated from time to time, and the students will be examined in rotation upon the work done.

*Text-Books.*—Loomis, Brown, Fenwick.

*Books of Reference.*—Vierordt, Da Costa.

## GYNÆCOLOGY.

This course will embrace the following subjects:

1. Abnormalities
2. Diseases of the external Genitals, including the injuries of the Perinæum.
3. Disease and injuries of the Vagina; Vesico and Recto Vaginal Fistulæ.

Diseases and injuries of the Uterus, including Stenosis, Subinvolution, Metritis, Endometritis and Fibroids; Deformities,



Displacements and Lacerations. Thorough instruction will be given in the use of the continuous and interrupted currents of electricity in Gynecology.

5. Diseases of the Fallopian tubes including Salpingitis Hydro and Pyosalpinx and Tubal Gestation.

6. Diseases of the Ovaries, Ovariectomy and other forms of Abdominal Surgery.

7. Pelvic Peritonitis, Pelvic Cellulitis and Pelvic Abscess.

8. Diseases of the Female Bladder and Urethra.

At the out-patient department of the Western Hospital there will also be a course of instruction in practical diagnosing and treatment, the students being taken two at a time in regular rotation to assist the Teacher,

## MATERIA MEDICA AND THERAPEUTICS.

R. WILSON, LECTURER.

This course of lectures will take into consideration the origin, properties, composition, preparations, physiological action, therapeutics and toxicology of the various substances employed in medicine.

The art of writing prescriptions will receive particular attention.

The lectures will be illustrated by plates, diagrams, specimens, dried preparations and a complete cabinet of medical substances.

## PRACTICAL HISTOLOGY.

PROF. BRUERE.

The course will consist of fifty meetings for practical work in the laboratory of the College. Students will be instructed in the methods of preparing the tissues and organs of the body for examination with the microscope. Special attention will be paid to comparative histology.

*Text-Books.*—Stirling's Histology, Schafer's Elements.

## CHEMISTRY AND CHEMICAL PHYSICS.

PROF. J. T. DONALD.

The object of this course is to impart a general knowledge of the elements of Physics and a more extensive knowledge of Chemistry.

The relations of Chemistry to Physiology and other branches of medicine will be explained.

Inorganic and Organic Chemistry will be specially referred to, more especially in relation to Medicine and Pharmacy.

The lectures throughout will be illustrated by diagrams and specimens, and by experiments, for which the College possesses a very good collection of apparatus.

*Text-Books.*—Balfour Stewart's "Lessons in Elementary Physics," Atfield's Chemistry, Bartley's Medical Chemistry, Remsen's Organic Chemistry.

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## PHYSIOLOGY.

PROFESSOR A. ARTHMAN BRUERE,

The lecturer's aim is to impart a good general knowledge of Human and Comparative Physiology. The lectures will be largely illustrated, and numerous experiments will be performed before the class. Electro-physiology, the physiology of the sense organs and of the central nervous system will be especially dwelt upon. Practical instruction in the use of Physiological Instruments and in Physiological Chemistry will be given to Senior Students.

*Books.*—Foster's Physiology, McKendrick's Text Book, Kirke's Hand-Book, Yeo's Manual, Landois' Human Physiology for senior students, Walter's Human Physiology.

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## DESCRIPTIVE AND SURGICAL ANATOMY.

PROF. JOHN ANDERSON SPRINGLE.

Five lectures weekly are given on this subject.

The course will be illustrated by diagrams, models, plates, moist and dry preparations, blackboard drawings, etc.

The dissecting room being under the control of the Professor of Anatomy, the subjects under consideration will be practically demonstrated to the class from time to time.

Written examinations are held upon each of the completed sections of the course. Comparative Anatomy, Anomalies and Malformations will be fully discussed in their relation to the subject.

Embryological points of interest will be dwelt upon when necessary.

The subject of Surgical Applied Anatomy has now been separated from this course.

The college is in possession of a complete collection of moist and dry preparations, viz., Dissections of the Central Nervous System, Various Regions of the Body and of cross sections of the entire cadaver.

These specimens are open for study by the class.

*Text Books.*—Morris, McAllister, Gray.

*For reference.*—Quain's (last edition), Huxley's Comparative Anatomy, Flower's Osteology, Mivart's Elementary Anatomy, Holden's Osteology.

N. B.—The college is urgently in need of specimens in Comparative Anatomy. A collection of skulls of the human race is being made, and all graduates are appealed to for specimens.

It is to be hoped that this appeal to our graduates will not be in vain. All specimens should be sent to the Professor of Anatomy, Bishop's College, and will be duly acknowledged in the Faculty Calendar.

### SURGICAL APPLIED ANATOMY.

J. A. SPRINGLE, LECTURER.

The lectures and demonstrations on this important subject will be given daily during the summer session.

This course will be illustrated by plates, moist and dry preparations, and special dissecting operations upon the cadaver.

The anatomy of the various ligations, amputations, excisions, etc., will be systematically discussed.

Special attention will be directed to Abdominal and Pelvic Anatomy.

*Text Books.*—Shields, Bellamy, Treves, and McLellan's Regional Anatomy.

### HYGIENE OR STATE MEDICINE.

WM. BURNETT, LECTURER.

The lectures on this subject, the importance and value of which are now universally admitted, are intended :—

To teach the application of Sanitary Science to questions concerning Public Health.

To afford rules for the conduct of the Medical Practitioner in Sanitary Inquiries, Municipal Sanitation, School Hygiene, etc.

To inculcate the use of suitable Hygienic Measures in the prevention and arrest of Contagious Diseases.

To confer such knowledge of the principles of State Medicine as it is desirable that every medical man should possess.

*Books Recommended.*—*Traite d'Hygiene*, par M. Levy; Wilson's Handbook of Hygiene; Practical Hygiene, by Parkes.

## PRACTICAL CHEMISTRY.

PROFESSOR JOSEPH BEMROSE.

Work in the Laboratory for Practical Chemistry is continued throughout the winter months, and is intended to afford to the student a knowledge by personal experiment of the more important elements and compounds used in medical practice, special attention being paid during the first half of the session to the reactions of those of a poisonous nature, both inorganic and organic. Afterwards the preparation of the volumetric solutions of the British Pharmacopœia and quantitative estimations of the fixed and volatile alkalies, oxalic arsenious and hydrocyanic acids, iodine, bromine, and their compounds: also the separation and recognition of the alkaloids in the tinctures and extracts of nux vomica, cinchona and opium, &c.

To each student is allotted a working space furnished with a full set of reagents; also the necessary apparatus, for which a deposit of \$5 will be required, to be returned at end of session, less an amount sufficient to cover breakages.

Special students who desire the course of Chemistry only will be admitted to the Lectures and Laboratory on enregistration.

*Books Necessary.*—Attfield or Odling.

## DISEASES OF THE THROAT AND NOSE.

PROF. GEO. T. ROSS.

This course will impart a general knowledge of the diseases commonly met with in these organs. Inflammations, growths and injuries of the Throat, Nose, and Naso-Pharynx, will be dwelt upon and their effect on the general system explained. Interesting



cases attending the Clinic will be lectured upon. Colored Plates Photographs and diagrams will be used to make the course thoroughly practical.

### MEDICAL JURISPRUDENCE.

(Including Toxicology.)

PROFESSOR W. H. DRUMMOND.

The purpose of these lectures is to bring as far as possible within a reasonable compass, the application of medical knowledge to medico-legal investigation.

*Text Books.*—Guy's Forensic Medicine; Taylor's Medical Jurisprudence; Blandford on Insanity; Allan McLane Hamilton's Legal Medicine.

### DISEASES OF CHILDREN.

PROF. MACPHAIL.

This course will include a series of lectures on the Diseases peculiar to Infancy and Childhood. The dietetic and hygienic management of children will also be considered. Surgical operations will be demonstrated in so far as they specially concern this period of life.

*Text-Books.*—Lewis Smith's, Diseases of Infancy and Childhood: American Text Books of the Diseases of Children.

### MENTAL DISEASES.

J. V. ANGLIN, Lecturer.

Insanity in its various forms will be lectured upon in this course and the subject treated from both a Medical as well as a Medico-legal basis.

### PRACTICAL ANATOMY.

ROLLO CAMPBELL, Demonstrator.

Assistant Demonstrators.—Herbert Tatley, F. J. Hackett, Grace Ritchie.

*This Department is under the superintendence of the Professor of Anatomy.*

The dissecting room is open daily from 8 a.m. to 10 p.m., except on Saturday, when it is closed at 5 p.m.



Ample opportunities are afforded for dissecting fresh subjects. The Demonstrator will be in attendance daily, to direct and assist students in their dissections, and examine their work. The dissecting rooms are supplied with every requisite for the comfort and convenience of students, due regard being observed for sanitary measures. Every possible facility will be afforded students in this most important department.

Students during dissection of each extremity are examined on the muscles, arteries, nerves, etc., of the extremity as they are exposed. Certificates are granted as soon as the student shows by examination a thorough knowledge of the anatomy of the part and its practical bearing in relation to Medicine and Surgery.

A separate dissecting room is provided for lady students, conducted by the Demonstrator and his assistants.

*Books Recommended for use in the Dissecting Room.*—Heath's Manual of Dissection, Ellis' Demonstrator of Anatomy, Holden's Dissector, (Am. Ed.)

## BOTANY.

This subject will be considered in the following order:—

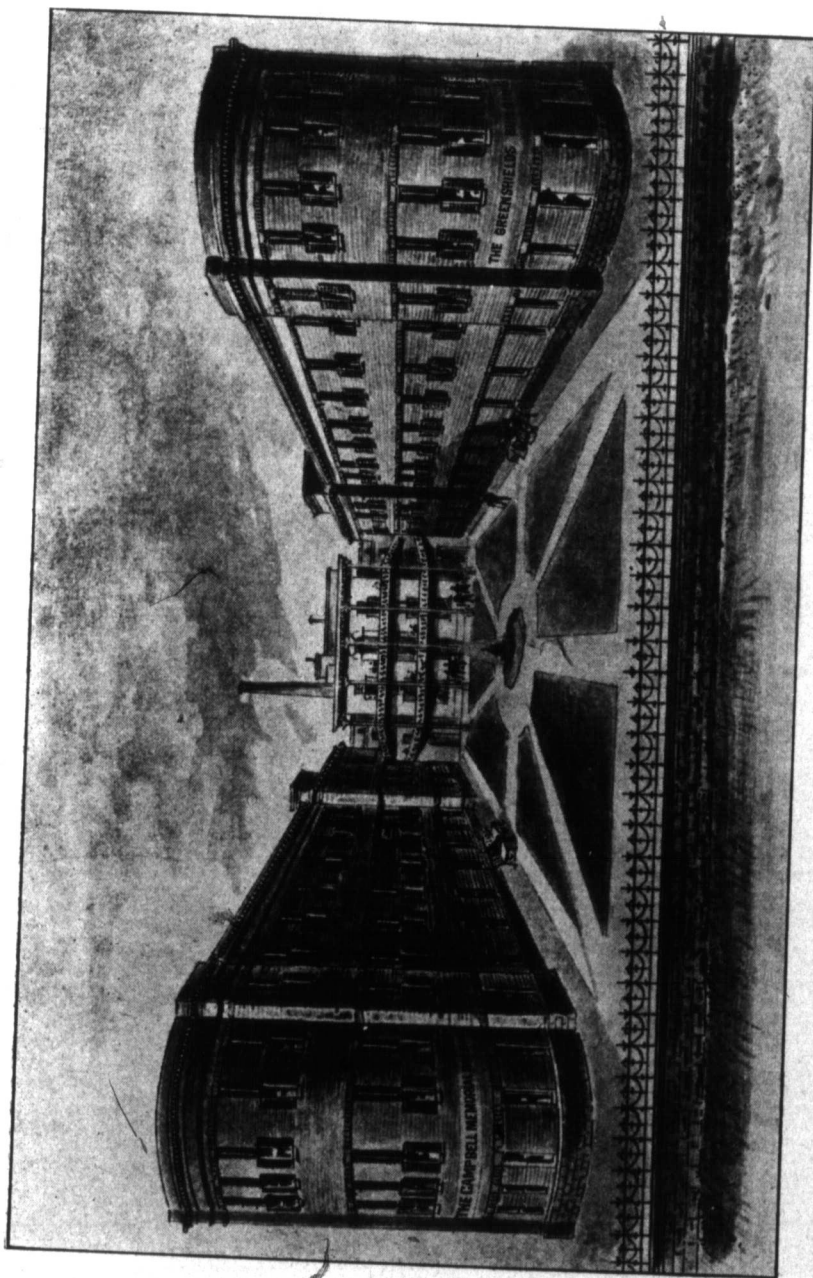
Part I.—STRUCTURAL BOTANY.

Part II.—PHYSIOLOGICAL BOTANY.

Part III.—SYSTEMATIC AND DESCRIPTIVE BOTANY.

The general principles of classification will be dwelt upon, and the natural and artificial systems compared with each other. Attention will be specially directed to those orders containing medical plants, indigenous and otherwise. The method of collecting, drying, mounting and determining plants will also be explained. The course throughout will be illustrated by plates, drawings, microscopical preparations and dried specimens.

*Books Recommended.*—Bessey, Dr. Gray's Structural and Systematic Botany.



REAR VIEW OF THE GREENSHIELDS WING AND OF THE CAMPBELL MEMORIAL BUILDING ON LAGAUCHETIERE STREET, MONTREAL GENERAL HOSPITAL. ERECTED A.D. 1892.



## SESSION 1893-94.

Names and addresses of enregistered students for the past session :—

Abbott, Maude E., B.A.	Montreal.
Allan, Wm.	Montreal.
Armstrong, C. H. B.	Kingston, Jamaica.
Addison, E. J.	Montreal.
Anderson, F. O.	Montreal.
Barnes, F. G.	Montreal.
Benny, J. J.	Daillbout, Q.
Brunet, L. C.	Roxton Falls, Que.
Brymer, C. C.	Montreal.
Bannerman, T.	Montreal.
Cantin, N. G.	St. Romuald, Que.
Cass, W. M.	Jamaica, W.I.
Christin, J. A.	Montreal.
Cunip, Josephine	Montreal.
Corcoran, A. J.	Montreal.
Clendinneng, Edythe	Montreal.
Denny, H. E.	Montreal.
Fisk, Geo.	Abbotsford, Que.
Fyfe, Mary B.	Boston, Mass.
Fortin, C. A.	Brushton, N.Y.
Grace, M. T.	Montreal.
Harry, Archippus	Kingston, Jamaica.
Holmes, J. A.	Mandeville, Jam.
Hall, Geo.	Montreal.
Hunter, H. A.	Montreal.
Hayes, G. L. T.	Montreal.
Internoscia, A.	Montreal.
Kelley, J. W. B.	Montreal.
Lewis, Gustave	Montreal.
Lovett, Thos.	Montreal.
Landau, Regina L.	Montreal.
Lorigan, Katherine	Montreal.
Mallory, J. E.	Mallorytown, Ont.
Mason, Wm.	Montreal.
Montgomery, T. E.	Philipsburg, Que.
McArthur, D. J.	Montreal.
McNally, W. J.	Calumet Island, Que.
McEvoy, T.	Montreal.
McPherson, C. A.	Montreal.
McDonald, Jessie H.	Montreal.
McDougal, C. A.	Montreal.
Nixon, E. G. O.	Vere, Jamaica.
Nichol, C. E.	Montreal.

Opzoomer, Wm.....	Montreal.
Paquette, F.....	Montreal.
Rollit, J. F.....	Wakefield, Que.
Sutton, G. S. Y.....	Gordon Town, Jamaica, W.I.
Stevens, O. H.....	St. Felix de Valois, Que.
Spooner, H. N.....	East Highgate, Vt.
Trenholm, G. A.....	Kingsey, Que.
Vosburgh, Percy P.....	Montreal.
Webb, W. J.....	Boston, Mass.
Walker, R. A.....	Montreal.





## RESULTS OF SESSIONAL EXAMINATIONS.

### PRIMARY SUBJECTS.

Passed in MATERIA MEDICA :

1st Class Honors—J. J. Benny, O. Stevens.

2nd Class Honors—E. J. Addison, H. A. Hunter.

Passed in CHEMISTRY :

1st Class—Miss MacDonald.

2nd Class—E. J. Addison, W. Opzoomer, A. J. Corcoran,  
W. J. Webb, Miss Lorigan, Geo. Hall.

Passed in PHYSIOLOGY, PRACTICAL PHYSIOLOGICAL CHEMISTRY  
and HISTOLOGY :

1st Class—Miss Josephine Cunin.

2nd Class—W. Mason, Miss K. Lorigan, G. L. T. Hayes.

Satisfied the Examiner—R. Walker, G. Hall.

Passed in ANATOMY :

1st Class—E. J. Addison.

2nd Class—Geo. Hall, H. E. Denny.

Passed—G. A. Trenholm, Miss Fyfe, Miss E. Clendinneng,  
Miss R. Landau.

Passed in BOTANY :

1st Class—George Sutton, C. A. Fortin, E. G. Nixon,  
J. E. Mallory.

2nd Class—W. J. Webb.

Passed—W. M. Cass.

Passed in PRACTICAL CHEMISTRY :

1st Class—Geo. Hall.

2nd Class—Miss K. Lorigan.

Passed—Wm. Opzoomer, Miss J. H. MacDonald.

### FINAL SUBJECTS.

Passed in HYGIENE : W. J. Webb.

Passed in PATHOLOGY :

1st Class—Miss J. Cunin, Miss Landau, Gustave Lewis,  
Oscar Stevens, W. J. Webb, C. E. Nichol, T.  
Lovett, J. J. Benny.

2nd Class—C. C. Brymer, W. Mason, Miss E. Clendinneng.  
Passed—G. L. T. Hayes, H. N. Spooner, M. T. Grace,  
T. McEvoy, R. A. Walker.

Passed in OPHTHALMOLOGY and OTOTOLOGY :

1st Class—Miss J. Cunin, C. C. Brymer, H. E. Denny.  
2nd Class—G. Lewis.  
Passed—R. A. Walker, W. J. Webb, W. Mason.

Passed in GYNECOLOGY :

1st Class—George Fisk, C. H. B. Armstrong, Miss Abbott,  
W. J. McNally, L. C. Brunet, A. Harry.  
2nd Class—T. Bannerman, H. E. Denny, T. E. Montgomery.  
Passed—H. N. Spooner, G. A. Trenholm.

Passed in DISEASES OF CHILDREN :

1st Class—Geo. Fisk, M. E. Abbott, C. H. B. Armstrong,  
H. E. Denny, W. J. McNally.  
2nd Class—A. Harry, L. C. Brunet, T. E. Montgomery,  
T. Bannerman.  
Passed—C. E. Nichol, G. L. T. Hayes, H. N. Spooner.

The following is a list of the prize winners :

*Botany prize*—George Sutton, Kingston, Jamaica.  
*Junior Anatomy prize*—Miss Jessie H. Macdonald, Montreal.  
*Senior Anatomy prize*—E. J. Addison, Kentucky, U.S.  
*David Silver Medal (best primary examination)*—Miss  
Josephine Cunin, Montreal.  
*Wood Gold Medal (best primary and final examination)*—  
Geo. Fisk, Abbotsford, Que.  
*Chancellor's prize (best final examinations)*—Miss Maude  
E. S. Abbott, B.A., St. Andrew's, Que.  
*Nelson Gold Medal (best special examinations in Surgery)*—  
C. H. Barrington Armstrong, Kingston, Jamaica.

The following students passed all the Primary and Final subjects entitling them to the degree of M.D., C.M., of this University :—

W. J. McNally, Calumet Island, Que.  
T. E. Montgomery, B.A., Phillipsburg, Que.  
Geo. Fisk, Abbotsford, Que.

Miss Maude E. S. Abbott, St. Andrew's, Que.  
 L. C. Brunet, Roxton Falls, Que.  
 C. H. B. Armstrong, Kingston, Jamaica.  
 Archippus Harry, Kingston, Jamaica.  
 H. E. Denny, D.V.S., Montreal.  
 N. G. Cantin, St. Romuald, Que.  
 G. A. Trenholm, Kingsey, Que.

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### CONVOCATION.

The Convocation of the University for conferring degrees in Medicine was held at the Synod Hall, Montreal, on Wednesday, the 4th day of April, when the degrees of C.M., M.D., were conferred on the above named graduates.

Dr. Geo. Fisk gave the Valedictory Address for the Graduating Class.

The Valedictory Address to the Students on behalf of the Faculty was delivered by Professor Kenneth Cameron.

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### NOTICE.

Two (2) summer sessions will be compulsory to all students entering the college after October, 1895.



## STUDENTS WHO HAVE OBTAINED HONORS IN MEDICINE IN THIS UNIVERSITY.

**ABBOTT, MISS MAUDE**

- 1892 Practical Anatomy, Senior Prize.
- 1894 Chancellor's Prize.

**ARMSTRONG, C. H. B.**

- 1892 Practical Anatomy, Junior Prize.
- 1893 Senior Dissector.
- 1894 Nelson Gold Medal.

**BALL, C. DEXTER**

- 1880 Botany Prize.
- Practical Anatomy, Junior Prize.
- 1884 Final Examination, 1st Class Honors.

**BERTRAND, F. E.**

- 1887 Botany, Prize.
- 1888 David Scholarship.

**BISHOP, HEBER, B.A.**

- 1880 Primary Examination Prize.
- 1882 Final Examination, "Wood" Gold Medal, "Nelson" Gold Medal.

**BLACKMER, R. C.**

- 1882 Practical Anatomy, Junior Prize.
- 1884 Final Examination, Chancellor's Prize.

**BRONSTORPH, ERNEST**

- 1883 Primary Examination, David Scholarship.
- 1884 Final Examination, "Wood" Gold Medal, "Nelson" Gold Medal.

**BURNETT, WM.**

- 1889 Practical Anatomy, Junior Prize.
- 1891 "David" Silver Medal.
- 1892 Final Examination, "Wood" Medal.

**CAMPBELL, ROLLO**

- 1887 Chancellor's Prize.

**CASSWELL, J. A.**

- 1883 Final Examination, "Wood" Gold Medal.

**CAULEY, JOHN J.**

- 1876 Anatomy, Special Sprize.
- 1877 Primary Examination, Honorable Mention.

**CHANDLER, HENRY B.**

- 1877 Botany, Prize.
- Practical Anatomy, Prize.
- 1878 Primary Examination, Prize.
- 1880 Final Examination, "Wood" Gold Medal.

**CLARK, L. M.**

- 1887 "David" Scholarship.
- 1880 Chancellor's Prize.

**COSTIGAN, ROBERT**

- 1872 Practical Anatomy, Junior Prize
- Physiology, Junior Prize.
- 1873 Physiology, Prize.
- 1874 Final Examinations, Prize.

**COQUILLETTE, W. E.**

- 1873 Practical Anatomy, Junior Prize.

**CURLETT, R. K.**

- 1884 Practical Anatomy, Junior Prize.

**DAVIS, JOHN T.**

- 1875 Primary Examination, Prize.
- Final Examination, Prize.

**DEMOULPIED, WALTER**

- 1881 "Nelson" Gold Medal.

**DUBUC, GODFROI**

- 1872 Practical Anatomy, Senior Prize.
- Physiology, Senior Prize.
- Primary Examination, Prize.

**EDWARDS, J. J.**

- 1888 Practical Anatomy, Junior Prize.
- 1886 Practical Anatomy, Senior Prize.
- 1890 "David" Silver Medal.
- 1891 "Wood" and "Nelson" Gold Medals.

**ELLIOTT, C. E.**

- 1887 Practical Anatomy, Junior Prize.
- 1889 "Wood" Gold Medal.
- "Nelson" Gold Medal.

**ENGLAND, F. R.**

- 1882 Botany, Prize.
- 1884 Primary Examination, "David" Scholarship.
- 1885 "Wood" Gold Medal, "Nelson" Gold Medal.

**FAIRFIELD, W. E.**

- 1884 Botany, Prize.
- 1886 Primary Examination, "David" Scholarship.
- 1887 "Wood" Gold Medal.
- 1887 "Nelson" Gold Medal.

**FISKE, GEO.**

- 1891 Practical Anatomy, Junior Prize.
- 1894 "Wood" Gold Medal.

**FOLEY, JAMES LESLIE.**

- 1878 Practical Chemistry, Prize.
- 1880 Final Examination, Prize.

- FRELEIGH, EDGAR O'B.  
1881 Practical Anatomy, Junior Prize.
- GAHERTY, DENNIS  
1878 Primary Examinations, Prize.  
1879 Final Examination, "Wood"  
Gold Medal.
- GODFREY, ROBERT F.  
1873 Practical Anatomy, Senior Prize.
- GILL, L. H. U.  
1879 Practical Anatomy, Senior Prize.
- GROULX, V. J.  
1885 Practical Anatomy, Senior Prize.
- HACKETT, F. J.  
1890 Practical Anatomy, Senior Prize.  
Botany, Prize.
- HALL, GEO.  
1893 Botany.  
Junior Dissector.
- LAURIE, JAMES, B.A.  
1890 "Nelson" Gold Medal.
- LATOUR, ANDRE  
1878 Final Examination, Prize.
- LEPROHON, RODOLPHE E.  
1878 Practical Anatomy, Senior Prize.
- LONGEWAY, A. F.  
1883 Botany, Prize.  
1884 Practical Anatomy, Senior Prize.  
1885 Primary Examination, "David"  
Scholarship.  
1886 Final Examination, "Wood"  
Gold Medal; Special Surgical  
Examination, "Nelson" Gold  
Medal.
- MAYNER, A. E.  
1889 "David" Silver Medal.  
1890 Chancellor's Prize.
- MEAGHER, HUGH A.  
1876 Practical Anatomy, Senior Prize.
- MITCHELL, HOMER E.  
1876 Practical Anatomy, Junior Prize.  
1878 Primary Examination, Prize.  
Practical Anatomy, Special Prize.  
1878 Final Examination, "Wood"  
Gold Medal.
- NELSON, GEORGE W.  
1878 Practical Anatomy, Senior Prize.  
1879 Final Examination, Prize.
- NICHOL, T. S.  
1885 Practical Anatomy, Junior Prize.
- PALMER, JOSEPH L.  
1873 Practical Anatomy, Junior Prize.
- PICKEL, F. H.  
1886 Practical Anatomy, Senior Prize.  
1888 Final Examination, "Wood"  
Gold Medal; Special Surgical  
Examination, "Nelson" Gold  
Medal.
- PURVIS, J. W. F.  
1890 Practical Anatomy, Senior Prize.  
1892 Final Examination, Chancellor's  
Prize.
- SAUNDERS, JABEZ E.  
1881 Botany, Prize.  
1882 Primary Examination, "David"  
Scholarship.  
1885 Chancellor's Prize.
- SHAW, GEORGE BEGG  
1873 Primary Examination, Prize.  
Physiology, Prize.  
Final Examination, Prize.
- SIROIS, E.  
1882 Practical Anatomy, Senior Prize.  
1883 Final Examination, Chancellor's  
Prize.
- SMILEY, T. B.  
1890 Practical Anatomy, Junior Prize.  
1881 Practical Anatomy, Senior Prize.  
1892 Botany, Prize.  
1893 "David" Silver Medal, "Wood"  
Gold Medal.
- SMILLIE, NINIAN C.  
1879 Practical Anatomy, Junior Prize.  
Botany, Prize.  
1880 Practical Anatomy, Senior Prize.  
1882 Final Examination, Chancellor's  
Prize.
- SPENDLOVE, FRANK M. R.  
1878 Practical Anatomy, Junior Prize.  
1879 Practical Anatomy, Senior Prize.  
1880 Primary Examination, Prize.  
1881 Final Examination, "Wood" Gold  
Medal.
- TOWLE, W. B.  
1889 Chancellor's Prize.
- VIDAL, C. E. K.  
1886 Botany, Prize.  
Practical Anatomy, Junior Prize.  
1888 Senior Prize.  
1890 "Wood" Gold Medal.
- WILSON, ROBERT H.  
1881 Final Examination, Prize.
- WILSON, W. E.  
1891 Botany, Prize.  
1892 Primary Examination, "David"  
Medal.  
1893 Chancellor's Prize.  
"Nelson" Gold Medal.
- WOOD, CASEY A.  
1876 Primary Examination, Prize.  
1877 Final Examination, Prize.
- WOODS, C. R.  
1888 Botany, Prize.  
1891 Chancellor's Prize.
- YOUNG, WILLIAM.  
1875 Practical Anatomy, Junior Prize.  
1877 Primary Examination, Prize.  
1878 Final Examination, Prize.



## GRADUATES IN MEDICINE OF THIS UNIVERSITY.

1894	Abbott, Maude E., B.A.....	St. Andrews,	Que.
1878	*Ansell, Aaron .....		
1879	Armstrong, George E., <i>ad eundem</i> .....	Montreal,	Que.
1894	Armstrong, C. H. B.....	Kingston, Jamaica,	W.I.
1882	*Balcom, G. A.....		
1884	Ball, Charles Dexter.....	St. Anna, Cal.,	U.S.
1875	Benoit, Frederick.....	Mattawa,	Ont.
1877	Baynes, D., M. A., L.R.C.P., Edin. <i>ad eundem</i>	London,	Eng.
1882	Bishop, Heber, B.A., " <i>Nelson</i> " and " <i>Wood</i> " <i>gold medals</i> ".....	Boston,	U.S.
1877	*Boyd, Robert Hamilton .....		
1878	Belle, Charles Raphael .....		
1883	Bell, W. R., <i>ad eundem</i> .....	New Edinburgh,	Ont.
1882	Bell, W. D. M .....	Bear Brook,	Ont.
1884	Blackmer, Rollin Clinton .....	Gladus, St. Louis,	Mo.
1892	Blanchette A .....	Worcester,	Mass.
1879	Brodie J., <i>ad eundem</i> .....	Honolulu, S'dwich	Il'ds.
1884	Bronstorff, Ernest Ebenezer.....	Kingston, Jamaica,	W.I.
1894	Brunet, L. C.....	Roxton Falls,	Que.
1892	Burnett, William.....	Montreal,	Que.
1892	*Brandt, E. R. M .....	Georgetown, Br. Guiana.	
1881	Cameron, J. C., M.D., M.R.C.P.I., <i>ad eundem</i>	Montreal,	Que.
1882	Cameron, J. W.....	Brasher Falls,	U.S.
1871	Campbell, F. W., L.R.C.P, Lond. <i>ad eundem</i>	Montreal,	Que.
1887	Campbell, Rollo, " <i>Chancellor's Prize</i> " .....	Montreal,	Que.
1894	Cantin, N. G.....	St. Romuald,	Que.
1883	Caswell, James Albert, " <i>Wood</i> " <i>Gold Medal</i>	Hampstead,	N.B.
1880	Chandler, Henry B.....	Boston,	U.S.
1888	Clark, L. M., " <i>Chancellor's Prize</i> ".....	Kingston, Jamaica,	W.I.
1879	Comeau, Charles E. D .....	St. Pie de Guire,	Que.
1874	*Costigan, Robert .....		
1872	Cunningham, Henry S.....	Indianapolis, Ind.,	U.S.
1877	*Curtis, Horatio N.....		
1892	Crevier, D.....	St. Anicet,	Que.
1871	*David, A. H., M.D., L.R.C.S.E., <i>ad eundem</i>		
1875	*Davis J. T.....		
1881	De Mouilpied, Walter, <i>Nelson Gold Medal</i> ..	Hemmingford,	Que.
1894	Denny, H. E. ....	Montreal,	Que.
1872	Desilets, Philip A.....	St. Gregoire,	Que.
1884	Drummond, William Henry .....	Montreal,	Que.
1873	Dubuc, Godfroi.....	Sutton Flats,	Que.
1880	Dubé, Philip .....	Quebec,	Que.
1874	Duclos, E. A. ....	St. Pie,	Que.
1891	Edwards, J. J., <i>Wood and Nelson Gold Medals</i>	Spanishtown,	Jamaica.
1889	Elliott, Chas. E., <i>Wood and Nelson Gold Medals</i>	Quebec,	Que.
1874	Eneas, Jeremiah.....	Georgetown, Br. Guiana.	
1885	England, F. R., <i>Wood and Nelson Gold Medals</i>	Montreal,	Que.
1887	Fairfield, Wm. E., <i>Wood and Nelson Gold Medals</i>	Green Bay, Wis.,	U.S.
1894	Fisk, Geo.....	Montreal,	Que.
1880	Foley, Leslie, J.....	Montreal,	Que.
1873	Fontaine, Isaac.....	St. Barnabie,	Que.
1886	Freleigh, Edgar O'B .....	Still Water, Wis.,	U.S.
1875	Fuller, William, M.D., <i>ad eundem</i> .....	Grand Rapids,	U.S.
1878	*Fuller, Herbert Cooper .....		

\* Dead.

1871	Gardner, William, <i>ad eundem</i> .....	Montreal,	Que.
1879	Gaherty, Dennis D., <i>Wood Gold Medalist</i> .....	Montreal,	Que.
1879	Gernon, George Oliver.....	St. Benoit,	Que.
1882	Gale, George Goodworthy.....	Quebec,	Que.
1880	Gibson, J. B., <i>ad eundem</i> .....	Cowansville,	Que.
1885	Gill, Louis Henry Ulric.....	Drummondville,	Que.
1871	Gillard, Clarence R., M.R.C.S., L.S.A.....	Montreal,	Que.
1873	*Godfrey, Robert T., M.D., <i>ad eundem</i> .....		
1892	Goltman, Maximilian.....		
1884	Gore, John Flint.....	Nantecoke, Pa,	U.S.
1877	Gravelly, Edward A.....	Stanstead,	Que.
1888	Groulx, V. J.....	Cornwall,	Ont.
1892	Hackett, F. J.....	Valleyfield,	Que.
1874	Hart, David A.....	Montreal,	Que.
1894	Harry, A.....	Bedford,	Que.
1877	Hayes, Thomas Edward.....	Kingston, Jamaica,	W.I.
1871	Hingston, Wm. H., M.D., L.R.C.P.E., <i>ad eun.</i>	Montreal,	Que.
1874	*Hunter, Wm. M.....		
1889	Jack, J. McPherson.....		
1879	Jenkins, James Theodore.....	Montreal,	Que.
1890	Judd, David Hiram.....	Riverside, Cal.,	U.S.
1879	Kannon, Matthew Mark.....	Mallorytown,	Ont.
1871	*Kennedy, R. A., M.D., <i>ad eundem</i> .....	Los Angeles,	Cal.
1873	*Kollymer, A. H., M.D., <i>ad eundem</i> .....		
1878	*Kerry, Anthony.....		
1880	Labrie, Edmond.....		
1874	Lafontaine, Charles.....	Point Levis,	Que
1884	Lafontaine, Charles Henry.....	Chambly,	Que
1872	Lanouette, Joseph E. A.....	Danielsonville, Cn.,	U.S
1893	Lanoie, J. E. E.....	Murchison, N. H.,	U.S
1872	Latour, André A.....	St. Anne,	Que
1890	Lauchlin, C. A.....	Montreal,	Que
1873	Law,ence, Frederick C.....		England
1874	Lemieux, Israel.....	Kerville, Texas,	U.S
1871	Lep rohon, J. L., M. D., <i>ad eundem</i> .....	Red Lake Falls, Minn.,	U.S.
1879	Leprohon, Rudolphe Edward Connolly.....	Montreal,	Que.
1886	Longeway, Albert F., <i>Wood and Nelson Gold</i>	Montreal,	Que.
<i>Medals</i> .....			
1893	Macrae, Douglas D.....	Great Falls, Mon.,	U.S.
1878	McDonald, Joseph William Dugald.....	Montreal,	Que.
1873	*Macdonald, William.....	Manchester, N.H.,	U.S.
1874	McKay, John M.....		
1874	McKay, William Albert.....	Quebec,	Que.
1871	McConnell, J. B., M.D., <i>ad eundem</i> .....	Grenville,	Que.
1878	McDuffie, John W.....	Montreal,	Que.
1881	McGillis, William C.....	Stanstead,	Que.
1877	McLeod, John.....	Victoria,	B.C.
1893	McNally, S. J.....		
1894	McNally, W. J.....	Portage,	Que.
1879	Marshall, Charles.....	Calumet Island,	Que.
1890	Mayner, A. E., 89 East Street.....	Huntingdon,	Que.
1888	Mignault H. A., M.D., C.M. <i>ad eundem</i> .....	Kingston, Jamaica,	W.I.
1883	Minckler, Philo E.....	St. Hyacinthe,	Que.
1878	Mitchell, Homer Elihu, <i>Wood Gold Medal</i> .....	Kansas City,	U.S.
1894	Montgomery, T. E., B.A.....	Stanbridge Stat'n,	Que.
1893	Mullin, B. M.....	Phillipsburg,	Que.
1872	Nelson, Wolfred, D. E., Astor House.....	St. Mary's,	N.B.
		New York,	U.S.

1879	*Nelson, George Washington.....		
1886	Nichol, William G.....	Montreal,	Que.
1889	Nichol, Thos. Scott.....	Montreal,	Que.
1884	Ogilvie, James, F.R.C.S.E., etc.....	Kingston, Jamaica,	W.I.
1892	Ouiwater, S. W.....	Philipsburg,	Que.
1885	Parent, Charles E.....	San Francisco.,	Cal.
1884	Patterson, William.....	Montreal,	Que.
1886	Patton, Angus O.....	Caughnawaga,	Que.
1873	Peltier, Gaspard U.....	Cohoes, N.Y.,	U.S.
1873	Perrigo, James, M.A., M.D., M.R.C.S., <i>ad eundem</i> .....	Montreal,	Que.
1887	Phelan, A. E.....	San Bernardino, Cal.,	U.S.
1888	Pickel, F. H., <i>Wood and Nelson Gold Medals</i>	Sweetsburg,	Que.
1875	Pidgeon, Joseph A.....	Perce, Gaspe,	Que.
1882	Prendergast, W.....	Montreal,	Que.
1877	Proudfoot, Alexander, M.D., <i>ad eundem</i> ....	Montreal,	Que.
1892	Purvis, J. W. F.....	Lyn,	Ont.
1881	Quinones, Eleuterie.....	Porto Rico,	W.I.
1892	Richer, A. J.....	Montreal,	Que.
1884	Riopel, Rev. Solomon, M.A.....	Valcartier,	Que.
1891	Ritchie, Miss Grace.....	Montreal,	Que.
1871	Robitaille, Hon. Theodore, M.D., <i>ad eundem</i>	Quebec,	Que.
1873	Robillard, Edmond, M.D., <i>ad eundem</i> .....	Monaco,	
1888	*Rodger, T. A., M. D., C.M., <i>ad eundem</i> ...		
1887	Rohler, J. M.....	New Amsterdam, B.	Gui.
1874	Rose, Edward.....	St. Anicet,	Que.
1878	Sabourin, Elzear.....	St. Urbain,	Que.
1885	Saunders, Rev. Jabez B.....	Pembroke,	Que.
1887	*Scott, Albert Page.....		
1873	*Shaw, George Begg.....		
1874	Shee, Patrick Arthur.....	Inverness,	Que.
1876	*Sheridan, Terence G.....		
1878	Sheridan, John.....	Paris,	France.
1881	Simpson, Thomas, M.D., <i>ad eundem</i> .....	Montreal,	Que.
1883	Sirois, Euchariste.....	Three Rivers, Mass,	U.S.
1873	Slack, George F., M.R.C.S., Eng.....	West Farnham,	Que.
1881	Smillie, N. C., <i>Chancellor's Prize</i> .....	Gaspe,	Que.
1890	Smiley, W. N.....	Montreal,	Que.
1893	Smiley, S., <i>David Silver Medal Wood Gold Medal</i> .....	Montreal,	Que.
1876	Smith, A. Lapthorn, M.D., M.R.C.S., <i>ad eundem</i>	Montreal,	Que.
1889	Smith, A. C., M. D., <i>ad eundem</i> .....	Newcastle,	N.B.
1881	Spendlove Frank, M. R., <i>Wood Gold Medal</i>	Montreal,	Que.
1882	Stevens, A. D., <i>ad eundem</i> .....	Dunham,	Que.
1874	St. Germain, Valmore.....	West Warren, Mass.,	U.S.
1892	Sylvestre, F.....	Montreal,	Que.
1871	Tabb, S. E., M.D., <i>ad eundem</i> .....	Sherbrooke,	Que.
1890	Tanguay, George B.....	Montreal,	Que.
1891	Tatley, Herbert.....	Montreal,	Que.
1888	Taylor F.....	Middleton, Mich,	U.S.
1880	Tetrault, Francis Joseph.....	Orange, N.J.,	U.S.
1888	Thomas, S. A.....	Escanaba, Mich.,	U.S.
1889	Towle, W. Bently.....	Boro-Wosh Mills, Derby,	Eng.
1871	*Trenholm, E. H., M.D., <i>ad eundem</i> .....		
1894	Trenholm, G. A.....	Kingsey Falls,	Que.
1874	Vennor, Victor John A.....	Campbelltown,	N.B.

\* Dead.



1890	Vidal, C. E. K.....	Neihart, Mont.,	U.S.
1892	Warren J. L. ....	Montreal,	Que.
1872	Webber, Richard N.....	Richmond,	Que.
1871	Wilkins, Geo., M.D., M.R.C.S., Eng., <i>ad eun.</i>	Montreal,	Que.
1881	Wilson, Robert H.....	Montreal,	Que.
1893	Wilson, W. E., <i>Chancellor's Prize., Wood</i> <i>Gold Medal.</i> .....	Jamaica,	W.I.
1877	Wood, Casey A., 103 East Adams St.....	Chicago, Ill.	U.S.
1891	Woods, C. R., <i>Chancellor's Prize</i> .....	Brockville,	Ont.
1878	*Young, William .....		

\* Dead.

The following oath will be exacted from the successful candidate before receiving the degree :

#### OATH.

Ego Doctoratus in Arte Medica titulo jam donandus, sancte coram Deo cordium scrutatore, spondeo, me in omni grati animi officio ergo hanc Universitatem ad extremum vitæ halitum perseveraturum.

Tum porro Artem Medicam, caute, caste, probeque exercitaturum, et quoad potero, omnia, ad ægrotorum corpoream salutem conducentia cum fide procuraturum. Quæ, denique, inter medendum visa vel audita sileri conveniati non sine gravi causa vulgaturum.

Ita præsens spondenti adsit Numen.

## EXAMINATION PAPERS.

### BOTANY.

1. Protoplasm. (a) General characters. (b) Physical properties. (c) Chemical composition.
2. Describe (a) Bordered pits, (b) Stomata, (c) Sporangium, (d) Sieve Cells.
3. (a) Give the principal features distinguishing roots from stems. (b) Name the special kinds of roots.
4. Describe minutely the stamen, with the terms applied to its parts, and its position relatively to the other parts of the flower.
5. What are the leading kinds of inflorescence?
6. Explain the distinction between dehiscent and indehiscent fruits and between albuminous and exalbuminous seeds.
7. Contrast Assimilation and Respiration.
8. What are alkaloids? Name five of the most important therapeutically, and the plants from which they are obtained.
9. Describe the different movements of plants, giving an illustration of each.

10. (a) Give the seven principal divisions into which the vegetable kingdom may be separated. (b) To what class do the Bacteriaceae belong? Give the principal genera, with examples of each.

### CHEMISTRY.

1. Explain the construction, mode of action, and use of the mercurial barometer.
2. Specific gravity: what do you understand by the term? How would you take the sp. gr. of a fragment of rock? and also of a liquid? Which contains the larger percentage of ammonia, a liquor of 900 sp. gr. or one of 880 sp. gr.? Give reasons.
3. Explain the various steps in the manufacture of sulphuric acid; explain fully why it is called bibasic, and show its importance in chemistry.
4. State and illustrate the two laws that govern chemical combination, also state briefly the atomic theory.
5. What is acid phosphate of calcium, how prepared, what its properties and uses in medicine and the arts?
6. Write explanatory notes on *homologous series*, *isomerism*, *valance*, *dialysis*, *nascent condition*.
7. Explain the reactions involved in Fehling's test for "sugar," and Marsh's test for arsenic.
8. Chloral: what is its relation to alcohol? State clearly the steps in the process by which it is obtained from that substance.

### SURGERY.

1. Mention the ordinary surgical classification of Bacteria, naming the more common "pus" producing organisms, and state the conditions most favorable to their growth.
2. Mention some of the inflammatory lesions where the Streptococcus is likely to be found.
3. Give the symptoms of stricture of the Rectum, and describe in detail the treatment.
4. What are the symptoms of stone in the bladder, and what are the different steps of Lithotomy.



5. Give a description of your line of action when called to a case of supposed obstruction of the bowels.
  6. State and describe some of the complications of Burns.
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### PRACTICE OF MEDICINE.

1. Symptoms and treatment of Biliary Calculus.
  2. Atonic Dyspepsia, symptoms and treatment.
  3. Describe an attack of Hæmoptysis, giving the diagnostic points between it and Hæmatemesis. Give the treatment for Hæmoptysis.
  4. Give the symptoms and treatment of Dysentery.
  5. Name the principal diseases of the Pneumogastric nerve. Give the pathology, symptoms, and treatment, of Bronchial Asthma.
  6. Give a definition of Tetany, Thomsen's Disease, Paralysis Agitans, and Chorea, with the complications, aetiology and treatment of the latter.
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### MEDICAL JURISPRUDENCE.

1. The bodies of two persons are discovered dead in a burning house; the bodies are only slightly burned. On examination, it is found that the bones of the skull are crushed in, without any apparent scalp wound on the body, and incised and punctured wounds are observed on the other. How would you determine that the wounds had been inflicted before death, and that both bodies had been dead before being burned?
2. You are called to see a man in a comatose condition—On examination you find the pupils very much contracted, pulse slow and weak, respiration slow and stertorous, skin warm and face flushed—What would be your diagnosis? And how would you treat the case?
3. What are the principal points to note in drawing up a medical report for a Coroner's Jury?  
Mention the various stages of a criminal case?
4. Symptoms and treatment of strychnine poisoning.
5. Enumerate the most frequent causes of sudden death.

6. If you were called to see a man who was supposed to be in a trance—How would you proceed to prove whether he was dead or alive?

### PATHOLOGY.

1. Distinguish between Fatty Infiltration and Fatty Metamorphosis. Give the causes, naked eye and microscopic changes of the latter.
2. *Chondromata*. Give the physical characters, histology, secondary changes, varieties, and seats; name the morbid growths exhibited under the microscope.
3. Give the causes of arterial Hyperaemia, the causes and results of Venous Hyperaemia.
4. Define the terms *Thermogenesis*, *Thermolysis*, *Thermotaxis*, Lysis, Diapedesis, Karyokinesis, Leucocytosis.

### PHYSIOLOGY.

1. Describe the varieties of white blood corpuscles that are normally present in human blood. Give a concise account of the action of each of the following reagents on the colourless corpuscles of frog's blood: (a) distilled water, (b) dilute acetic acid, (c) dilute solution of iodine, (d) dilute alcohol.

What are the functions of white blood corpuscles?

2. Give a detailed description of the endochondral formation of bone. Describe the mode of development of the parietal bone of a human foetus.
3. What experiments would you perform to prove that the excitability of a muscle is independent of nervous influence? Describe two of these experiments, and mention other proofs of the independent excitability of muscle.
4. What is the position of the general vasomotor centre, and how has it been ascertained? What evidence have we of the existence in the spinal cord of minor vaso motor centres?
5. Describe the effects in the rabbit of the following experimental nerve lesions: (a) division of both phrenic nerves; (b) division in the neck of both vagi; (c) division of the spinal

cord below the origin of the phrenic nerves ; (d) division of the cervical sympathetic.

6. Describe the structure of the pancreas. State all you know concerning the nervous mechanism of pancreatic excretion. Discuss the action of the pancreatic juice in digestion. What results follow the total extirpation of the pancreas ?

### ANATOMY.

1. Formation, boundaries and contents of the (a) Temporal Fossa.  
(b) Zygomatic Fossa.  
(c) Spheno Maxillary Fossa.
2. Describe the ligaments, synovial membrane and cartilages of the knee-joint.
3. Origin, insertion, structure, action and nerve supply of the abdominal muscles.
4. Middle cerebral artery, origin, course, distribution and anastomoses.
5. Course of the 7th pair of nerves in the temporal bone, its branches and their distribution.
6. Tributaries, course and relations of the Portal Vein.
7. Pelvic fascia in the female.
8. Describe the Superior Cervical Ganglion, its relations, situation and branches, (a) of distribution.  
(b) " communication.

### OBSTETRICS.

1. Mention the two main symptoms of abortion, and state briefly the treatment to be adopted in a case of unavoidable abortion ?
2. Describe the Lochia. What condition would render them dangerous ? From what are they to be distinguished ?
3. What are the causes of accidental (so called) hemorrhage of advanced gestation ?
4. Describe a case of simple Thrombotic excretory fever ?
5. How would you overcome rigidity of the Os in the first stage of labor ?
6. What information would you require, and what directions would you give for a woman during the lying-in-period ?

## DISEASES OF CHILDREN.

1. Discuss briefly, "Artificial feeding of Infants," with special reference to suitable foods.
2. Describe the pathology, course, physical signs, symptoms, and treatment of a severe case of Broncho-pneumonia in a child one year old.
3. Explain the causes and anatomical characteristics of lateral curvature of the spine.
4. Give the differential diagnosis of scarlatina, measles, German measles, diphtheria.
5. What are the physical manifestations of the Strumous Diathesis?

## HISTOLOGY.

1. Section of ovary showing Graafian Follicle, with contained ovum.
2. Cortex of the kidney, showing the proximal and distal convoluted tubules and Malpighian corpuscles.
3. Spleen, showing a Malpighian corpuscle surrounded by the pulp.
4. Hæmin crystals.
5. Hyaline cartilage.
6. Duodenum, with Brunner's Glands.
7. Liver cells.
8. Newly formed bone, with periosteum.

## PHYSIOLOGICAL CHEMISTRY.

1. Pure peptone and albumoses.
2. Urea and bile acids.
3. Urine with albumen and sugar.

## MATERIA MEDICA AND THERAPEUTICS.

1. Name the official *pills* and *powders* containing *Opium*. What is the proportion of the drug in each preparation?
2. Compare the antipyretic action of *Quinine*, *Phenacetine* and the *Cold bath*.

3. Describe fully the various methods of introducing the following drugs into the system :—

- (1) Cod Liver Oil.
- (2) Mercury.
- (3) Nitrite of Amyl.

4. What precautions are to be taken *before, during and after* the administration of *Ether* as an anæsthetic?

5. Write a prescription for :—

- (1) Cardiac Dropsy.
- (2) Acute Rheumatism.
- (3) Flatulent Dyspepsia.
- (4) Migraine.
- (5) Bronchitis, with excessive cough and scanty expectoration.

Use the Metric System in No. 4 and 5.

Give fully your reasons for selecting the various drugs.

6. Compare the action of *Aloes*, *Strychnina*, *Plumbi Acetas* *Hydrargyri Subchloridum* on the intestines.

7. Symptoms and treatment of *Belladonna* poisoning.

8. Name the drugs exhibited.

#### HYGIENE.

1. What are the impurities in expired air? What are the effects of breathing air vitiated by respiration?

2. Describe the syphon trap, and how it may become defective?

3. What are the properties of clothing suitable for a winter in Canada and a summer in India?

4. You are practicing in a small country town and are called to see a man who has just arrived. You find that he is suffering from what you believe to be small-pox. What are your duties towards the patient and towards the other members of the community?

#### GYNECOLOGY.

1. Classify the different varieties of Endometritis and describe briefly the distinguishing clinical and pathological features of each.



2. Enumerate the ligaments of the Uterus, and describe very briefly their attachments.
3. What are the symptoms of Herpes of the Vulva and how would you diagnose herpetic ulcers from soft chancres?

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### OPHTHALMOLOGY.

1. Describe treatment of purulent conjunctivitis of the new born.
2. Mention commonest eye diseases associated with the rheumatic diathesis.
3. Give the steps of a detailed examination of the eye.

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### OTOLOGY.

1. Mention three main causes of deafness.
2. Mention commoner complications of Otitis Media Purulenta Chronica.
3. Give treatment of said complications.

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## NELSON GOLD MEDAL EXAMINATION.

### SURGERY.

1. Differentiate between Septicæmia, Sapræmia, Pyæmia and Fermentation Fever.
2. Discuss the question of Amputation in cases of Gangrene.
3. At what point would you prefer to ligature the common Carotid. Describe the operation and give the anatomical relations.
4. What are the different methods of radically treating internal Hæmorrhoids, and give in detail the treatment you would prefer.
5. What are the different methods of treating un-united fracture.
6. What are the Dislocations of the Hip Joint, and give the symptoms of that on the Dorsum Ilei.

# SUMMER SESSION.—ORDER OF CLINICS, LECTURES AND DEMONSTRATIONS.

Monday	10 a.m.	College Building.	Surgical Applied Anatomy	Prof. J. A. SPRINGLE
"	Noon	Western Hospital	Physical Diagnosis.	Prof. W. G. STEWART
"	9 a.m.	College Building.	Hygiene	Dr. W. BURNETT, Lecturer
"	4 p.m.	"	Ophthalmology and Otology.	
"	5 p.m.	"	Pathological Histology and Bacteriology.	
Tuesday	10 a.m.	Women's Hospital.	Surgical Applied Anatomy	Prof. MACPHAIL
"	11 a.m.	Western Hospital	Clinical Obstetrics.	Prof. J. A. SPRINGLE
"	4 p.m.	College.	Throat and Nose Clinic	Prof. REDDY
Wednesday	9 a.m.	"	Hygiene.	Prof. G. T. ROSS
"	10 a.m.	"	Ophthalmology and Otology.	Dr. BURNETT
"	12.30	"	Surgical Applied Anatomy.	
"	11.30 a.m.	Western Hospital	Clinical Microscopy and Chemistry	Prof. J. A. SPRINGLE
"	9 a.m.	College.	Hygiene	Prof. McCONNELL
"	4 p.m.	"	Ophthalmology and Otology.	Dr. BURNETT
Thursday	5 p.m.	"	Pathological Histology and Bacteriology.	
"	10 a.m.	Western Hospital	Surgical Applied Anatomy	Prof. MACPHAIL
"	Noon	College.	Physical Diagnosis.	Prof. SPRINGLE
"	9 a.m.	"	Hygiene	Prof. STEWART
"	4 p.m.	"	Ophthalmology and Otology.	Dr. BURNETT
Friday	11 a.m.	Women's Hospital.	Clinical Obstetrics.	
"	10 a.m.	College.	Surgical Applied Anatomy	Prof. REDDY
"	3 p.m.	College.	Hygiene.	Prof. J. A. SPRINGLE
"	4 p.m.	"	Ophthalmology and Otology.	Dr. BURNETT
"	5 p.m.	"	Pathological Histology and Bacteriology.	
Saturday	11 a.m.	Montreal Dispensary.	Practical Pharmacy	Prof. MACPHAIL
"	12.30	Western Hospital.	Gynecology.	
Daily	Noon	Montreal General Hospital	Beside instruction in General Medicine and Surgery by the attending staff and attendance at the out-patient department.	
		Royal Victoria Hospital		
		Western Hospital.		
		Hotel Dieu.		

## OPTIONAL COURSES.

**PRACTICAL TOXICOLOGY**, at 7.30 p.m., on Monday, Tuesday, Thursday and Friday in College Building by Prof. BRUERE.  
**NOTE.**—The Summer Sessions continues throughout April, May and June, and is compulsory to all students after third year, who have not already attended it. For further information as to fees, &c., apply to the Registrar.

## UNIVERSITY OF BISHOP'S COLLEGE—FACULTY OF MEDICINE.

TIME TABLE FOR PRIMARY SUBJECTS.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	REMARKS.
A. M.							
9	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.		
10	Physiology.	Physiology.	Physiology.	Physiology.	Practical Physiology.		
11	Histology. Practical Anatomy.	Practical Anatomy.	Histology. Practical Anatomy.	Practical Anatomy.	Practical Anatomy.		
P. M.							
1	Hospitals and Dispensaries.	Hospitals and Dispensaries. Botany	Hospitals and Dispensaries.	Hospitals and Dispensaries. Botany	Hospitals and Dispensaries.		
3	Materia Medica and Therapeutics. Chemistry.	Materia Medica and Therapeutics. Chemistry.	Materia Medica and Therapeutics. Chemistry.	Materia Medica and Therapeutics. Chemistry.	Materia Medica and Therapeutics. Chemistry.	2 p. m. Practical Chemistry.	
4							
7							
8 to 10	Practical Anatomy	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.		

# UNIVERSITY OF BISHOP'S COLLEGE—FACULTY OF MEDICINE.

## TIME TABLE FOR FINAL SUBJECTS.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	REMARKS.
A. M.							
9	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	Clinical Obstetrics.	
10	Obstetrics.	Gynæcology.	Obstetrics.	Gynæcology.	Obstetrics.		
11	Neurology.	Practice of Medicine.	Practice of Medicine.	Neurology.	Practice of Medicine.		
P. M.							
1	Hospitals and Dispensaries.	Hospitals and Dispensaries.	Hospitals and Dispensaries.	Hospitals and Dispensaries.	Hospitals and Dispensaries.		
4	Jurisprudence and Toxicology.	Mental Diseases.	Jurisprudence and Toxicology.	Mental Diseases.	Jurisprudence and Toxicology.		Diseases of Children, from Oct. to Dec. Laryngology, Jan. to March.
5	Pathology.	Diseases of Children. Laryngology. and Rhinology.	Pathology.	Diseases of Children. Laryngology. and Rhinology.	Pathology.		

## LECTURES IN THE FRENCH LANGUAGE.

Bishop's College Medical Faculty has always had a number of French-speaking students who were attracted by the advantages which the college offered for practical teaching, but a great many were prevented from following the courses owing to their inability to satisfactorily understand English lectures. A number of leading French practitioners having indicated to this faculty the advisability of appointing French lecturers to duplicate some of the more important courses, the matter is being earnestly considered and the prospects are that within a few weeks arrangements will be completed for the formation of an associate staff of French lecturers who will enter on their duties at beginning of the ensuing session. Hospital facilities are also being arranged for permitting of Clinical teaching in the French language.

