

McGILL UNIVERSITY,

ANNUAL CALENDAR.

Faculty of Medicine.



---

53RD SESSION 1885-86.

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Montreal:

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1885.

N.B. 1884-85 - follows this number

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# General Statement.

SESSION OF 1885-6.

The Fifty-third Session of the University, being the Thirty-third under the amended Charter, will commence in the Autumn of 1885.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

## I. MCGILL COLLEGE.

**THE FACULTY OF ARTS.**—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages, Certain exemptions are also allowed to professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

**THE DONALDA SPECIAL COURSE IN ARTS** provides for the education of women, with course of study, exemptions and honours similar to those for men.

**THE FACULTY OF APPLIED SCIENCE** provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

**THE FACULTY OF MEDICINE.**—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the 3rd Academic Year, and leads to the Degree of M.D., C.M.

**THE FACULTY OF LAW.**—The complete course in Law extends over three Sessions of six months each, and leads to the degrees of B.C.L. and D.C.L.

### III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, *Montreal*.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

### IV. AFFILIATED SCHOOLS.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognized:—

Prince of Wales College, Charlottetown, P.E.I.; Collegiate Institute, Hamilton, Ont.; Canadian Literary Institute, Woodstock, Ont.; High School, Montreal; Bishop's College School, Lennoxville; Girls' High School, Montreal; Lachute Academy; Knowlton Academy; Waterloo Academy; Lincoln College, Sorel; Cowansville Academy. Hawkesbury High School; Charleston Academy, Hatley.

### II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, *Quebec*—Is affiliated in so far as regards Degrees in Arts and Law.

Detailed information may be obtained from Rev. John Cook, D.D., Principal.)

ST. FRANCIS COLLEGE, *Richmond*—Is affiliated in so far as regards the Intermediate Examinations in Arts.

[Detailed information may be obtained from Principal Passmore, Richmond, P.Q.]

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*Faculty of Medicine.*

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Honorable Donald A. Smith ..... \$50,000

II. CAMPBELL MEMORIAL ENDOWMENT.

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		John Campbell, M.D.,(Seaforth,O)	5

# CALENDAR, 1885-86.

## JULY, 1885.

1 Wednesday	Summer Session ends.
2 Thursday	
3 Friday	
4 Saturday	
5 SUNDAY	
6 Monday	Dr. Wm. Robertson died, 1884. Sixth Sunday after Trinity.
7 Tuesday	
8 Wednesday	
9 Thursday	
10 Friday	
11 Saturday	
12 SUNDAY	
13 Monday	
14 Tuesday	
15 Wednesday	
16 Thursday	
17 Friday	
18 Saturday	
19 SUNDAY	Malpighi died, 1694. Seventh Sunday after Trinity.
20 Monday	
21 Tuesday	
22 Wednesday	
23 Thursday	
24 Friday	
25 Saturday	
26 SUNDAY	
27 Monday	
28 Tuesday	
29 Wednesday	
30 Thursday	
31 Friday	

## SEPTEMBER, 1885.

1 Tuesday	Galvani born, 1737.	
2 Wednesday		
3 Thursday		
4 Friday		
5 Saturday		
6 SUNDAY		
7 Monday		
8 Tuesday		
9 Wednesday		
10 Thursday		
11 Friday		
12 Saturday		
13 SUNDAY	Candidates for matriculation of Provincial Medical Board to send fee (\$10) to Dr. Bel- leau, Quebec. Candidates for the licence to send fee (\$20) and credentials.	
14 Monday		
15 Tuesday		
16 Wednesday		
17 Thursday		
18 Friday		
19 Saturday		
20 SUNDAY		Matriculation Examination of C. P. & S. of Quebec (Pro- vincial Board) at Quebec.
21 Monday		
22 Tuesday		
23 Wednesday		
24 Thursday		
25 Friday		
26 Saturday		
27 SUNDAY	College of Physicians and Sur- geons of Province of Quebec meets at Quebec. Matriculation Exam. begins, High Sc., Peel street. Register opens.	
28 Monday		
29 Tuesday		
30 Wednesday		
31 Thursday		

## AUGUST, 1885.

1 Saturday	Duverney born, 1648.	
2 SUNDAY		
3 Monday		
4 Tuesday		
5 Wednesday		
6 Thursday		
7 Friday		
8 Saturday		
9 SUNDAY		
10 Monday		
11 Tuesday		
12 Wednesday		
13 Thursday	Lavoisier born, 1743.	
14 Friday		
15 Saturday		
16 SUNDAY		
17 Monday		
18 Tuesday		
19 Wednesday		
20 Thursday		
21 Friday		
22 Saturday		
23 SUNDAY		Sir A. Cooper born, 1768. Hey born, 1736. Eleventh Sunday after Trinity.
24 Monday		
25 Tuesday		
26 Wednesday		
27 Thursday		
28 Friday		
29 Saturday		
30 SUNDAY	Goethe born, 1749.	
31 Monday		

## OCTOBER, 1885.

1 Thursday	Session opens. McGill Medical Society sem annual meeting.
2 Friday	
3 Saturday	
4 SUNDAY	
5 Monday	Jas. McGill born 1744. Found- er's day. Prof. Holmes died, 1860. Fallopian died, 1562.
6 Tuesday	
7 Wednesday	
8 Thursday	
9 Friday	
10 Saturday	
11 SUNDAY	Vesalins died, 1564. Reamure died, 1757.
12 Monday	
13 Tuesday	
14 Wednesday	
15 Thursday	
16 Friday	
17 Saturday	
18 SUNDAY	Baillie born, 1761.
19 Monday	
20 Tuesday	
21 Wednesday	
22 Thursday	
23 Friday	
24 Saturday	
25 SUNDAY	All Hallows Eve. All Saints Day. No Lectures. Lectures began in Montreal Medical Institution in 1824.
26 Monday	
27 Tuesday	
28 Wednesday	
29 Thursday	
30 Friday	
31 Saturday	

NOVEMBER, 1885.

1 SUNDAY

2 Monday  
3 Tuesday  
4 Wednesday  
5 Thursday

6 Friday  
7 Saturday  
8 SUNDAY

9 Monday

10 Tuesday  
11 Wednesday  
12 Thursday  
13 Friday

14 Saturday  
15 SUNDAY

16 Monday  
17 Tuesday  
18 Wednesday  
19 Thursday  
20 Friday  
21 Saturday

22 SUNDAY

23 Monday  
24 Tuesday  
25 Wednesday  
26 Thursday  
27 Friday  
28 Saturday

29 SUNDAY

30 Monday

First Lectures delivered in Med.  
Faculty, 1829.  
Bichat born, 1771.

Radcliffe born, 1650.

JANUARY, 1886.

1 Friday  
2 Saturday  
3 SUNDAY

4 Monday

5 Tuesday  
6 Wednesday  
7 Thursday  
8 Friday  
9 Saturday

10 SUNDAY

11 Monday  
12 Tuesday  
13 Wednesday  
14 Thursday  
15 Friday  
16 Saturday

17 SUNDAY

18 Monday  
19 Tuesday  
20 Wednesday  
21 Thursday  
22 Friday  
23 Saturday

24 SUNDAY

25 Monday  
26 Tuesday  
27 Wednesday  
28 Thursday  
29 Friday

30 Saturday  
31 SUNDAY

Lectures resumed in Medical  
Faculty.

Linacre born 1460.

Lower born 1652.

Dr. Wm. Caldwell died 1833.

Charter granted to Montreal  
General Hospital 1823.

DECEMBER, 1886.

1 Tuesday  
2 Wednesday  
3 Thursday  
4 Friday  
5 Saturday  
6 SUNDAY

7 Monday  
8 Tuesday  
9 Wednesday  
10 Thursday  
11 Friday  
12 Saturday

13 SUNDAY

14 Monday  
15 Tuesday  
16 Wednesday  
17 Thursday  
18 Friday

19 Saturday  
20 SUNDAY

21 Monday  
22 Tuesday  
23 Wednesday  
24 Thursday  
25 Friday  
26 Saturday

27 SUNDAY

28 Monday  
29 Tuesday  
30 Wednesday  
31 Thursday

Christmas Exam. in Botany.

Class Examinations. James  
McGill died 1813  
Lectures close for the term.

Pott died 1788.

Christmas. Peyer born 1653.

Boerhaave born 1688.

FEBRUARY, 1886.

1 Monday  
2 Tuesday  
3 Wednesday  
4 Thursday  
5 Friday  
6 Saturday  
7 SUNDAY

8 Monday  
9 Tuesday  
10 Wednesday  
11 Thursday  
12 Friday  
13 Saturday

14 SUNDAY

15 Monday  
16 Tuesday  
17 Wednesday  
18 Thursday

19 Friday  
20 Saturday  
21 SUNDAY

22 Monday  
23 Tuesday  
24 Wednesday  
25 Thursday  
26 Friday  
27 Saturday  
28 SUNDAY

Willis born 1622.

Prof. Sutherland died 1875.

John Hunter born 1728.

Laennec born 1781.

Assessors of C. P. & S. of the  
Province to be notified of  
examinations.

Abermethy born 1697.  
Albinus born 1697.  
Morgagni born 1682.

MARCH, 1886.

- 1 Monday
- 2 Tuesday
- 3 Wednesday
- 4 Thursday
- 5 Friday
- 6 Saturday
- 7 SUNDAY**
- 8 Monday
- 9 Tuesday
- 10 Wednesday
- 11 Thursday
- 12 Friday
- 13 Saturday
- 14 SUNDAY**
- 15 Monday
- 16 Tuesday
- 17 Wednesday
- 18 Thursday
- 19 Friday
- 20 Saturday
- 21 SUNDAY**
- 22 Monday
- 23 Tuesday
- 24 Wednesday
- 25 Thursday
- 26 Friday
- 27 Saturday
- 28 SUNDAY**
- 29 Monday
- 30 Tuesday
- 31 Wednesday

Clinical Examination begins at Hospital

Lectures close  
Botany Examination

Histology. Physics  
Physiology, 10 a.m.; Chemistry, 3 p.m.  
Materia Medica, 10 a.m.; Anatomy, 3 p.m.

Ruysch born 1638

Convocation for conferring Degrees in Medicine, 3 p.m.  
Candidates for Ontario License to send certificates, etc., to Dr. Pyne, Bay St., Toronto.

MAY, 1886.

- 1 Saturday
- 2 SUNDAY**
- 3 Monday
- 4 Tuesday
- 5 Wednesday
- 6 Thursday
- 7 Friday
- 8 Saturday
- 9 SUNDAY**
- 10 Monday
- 11 Tuesday
- 12 Wednesday
- 13 Thursday
- 14 Friday
- 15 Saturday
- 16 SUNDAY**
- 17 Monday
- 18 Tuesday
- 19 Wednesday
- 20 Thursday
- 21 Friday
- 22 Saturday
- 23 SUNDAY**
- 24 Monday
- 25 Tuesday
- 26 Wednesday
- 27 Thursday
- 28 Friday
- 29 Saturday
- 30 SUNDAY**
- 31 Monday

Candidates for Matriculation of Provincial Board to send fee \$10, to Dr. F. W. Campbell, Montreal. Candidates for License to send fee, \$20, and credentials

Matriculation Examination of Quebec Medical Board at Montreal

Semi-annual Meeting of Quebec Med. Board, at Montreal

Ed. Jenner born 1749  
Heberden born 1710

Professor Scott died 1883

Prof. G. W. Campbell died 1882

APRIL, 1886.

- 1 Thursday
- 2 Friday
- 3 Saturday
- 4 SUNDAY**
- 5 Monday
- 6 Tuesday
- 7 Wednesday
- 8 Thursday
- 9 Friday
- 10 Saturday
- 11 SUNDAY**
- 12 Monday
- 13 Tuesday
- 14 Wednesday
- 15 Thursday
- 16 Friday
- Saturday
- 18 SUNDAY**
- 19 Monday
- 20 Tuesday
- 21 Wednesday
- 22 Thursday
- 23 Friday
- 24 Saturday
- 25 SUNDAY**
- 26 Monday
- 27 Tuesday
- 28 Wednesday
- 29 Thursday
- 30 Friday

Summer Session begins

Sydenham born 1624

Annual Meeting McGill Medical Society

Petit born 1760

Orfila born 1787

JUNE, 1886.

- 1 Tuesday
- 2 Wednesday
- 3 Thursday
- 4 Friday
- 5 Saturday
- 6 SUNDAY**
- 7 Monday
- 8 Tuesday
- 9 Wednesday
- 10 Thursday
- 11 Friday
- 12 Saturday
- 13 SUNDAY**
- 14 Monday
- 15 Tuesday
- 16 Wednesday
- 17 Thursday
- 18 Friday
- 19 Saturday
- 20 SUNDAY**
- 21 Monday
- 22 Tuesday
- 23 Wednesday
- 24 Thursday
- 25 Friday
- 26 Saturday
- 27 SUNDAY**
- 28 Monday
- 29 Tuesday
- 30 Wednesday

Corner-stone of Montreal General Hospital laid 1821

Eustachius died 1574.

Rolando born 1773

Montreal Medical Institution became Med Faculty 1829.

# Library.

LIST OF DONATIONS  
PRESENTED TO THE  
MEDICAL FACULTY'S LIBRARY,  
DURING THE PAST YEAR.

DONORS.	TITLES.
Canada Medical and Surgical Journal...	{ Subject Catalogue of Washington Library, also a number of unbound Periodicals.
Hon'ble Robert Mackay .....	{ Paracelsus, One hundred experiments-Receipts, &c.
Dr. Girdwood.....	{ Saline injection for the Collapse of Cholera.
Dr. Cheadle .....	Quain's Dictionary of Medicine. 1 vol.
Dr. J. Stewart.....	Krause, Anatomy of Rabbit.
	Bartholinus (Th.), Anatomia, 1686.
	Casseri Anatomische Tafeln der deutscher, by D. Simon Paul, 1656.
	Malpighius (Marcellus) Exercitationes de Viscerum, 1677.
	Blancardius, Anatomia Reformatar, 1688
Dr. R. J. B. Howard.....	Sebastian, Somatomia Anthropologica seu corporis Humani Fabrica, 1685.
	Hermann de Pommeresche. De Uris Longirostris Sceleto, 1829.
	Nicholas Hoboken, Anatomia Humanæ.
	John Browne, Neue Beschreibung von den Muskeln, Verdeutschte, Von C. M. Spencer, 1704, 4to.
	L'Abeille Médicale. 3 vols.
	L'Union Médicale du Canada. 3 vols.
	Canada Lancet and Journal, from 1869 to 1883. 15 vols.
	Canada Medical Record. 8 vols.
	Do do do unbound. 2 vols.
Professor Osler.....	Canada Journal of Medical Science. Vols. 1 to 4, 6 and 7. 6 vols.
	Montreal Medical Gazette, 1844. 1 vol.
	Upper Canada Medical Journal. 3 vols.
	The Canadian Practitioner, Vol. VIII. 1 vol.
	Canadian Medical Journal. 1 vol.

Professor Osler.....

- Berliner Klinische Wochenschrift.  
vols.
- First Annual Report Ontario Board of  
Health. 1 vol.
- Transactions of the Medical Society of  
New York. 1 vol.
- Aldridge, Lectures on the Urine 1 vol.
- Bock, Lehrbuch der Pathologischen  
Anatomie und Diagnostic. 1 vol.
- Funk, Lehrbuch der Physiologie. 2 vols.
- Jaquemet, De l'influence des Découvertes  
les plus modernes dans les Sciences  
Physiques et chimiques. 1 vol.
- Willis, Elements of Physiology. 1 vol.
- Pereira's Manual of Materia Medica. 1  
vol.
- Houston, Catalogue of the Museum of  
the Royal College of Surgeons, Dub-  
lin. 1 vol.
- Hamilton, On the Management of Fe-  
male Complaints. 1 vol.
- Kolliker, Human Microscopical Ana-  
tomy. 1 vol.
- Mulder, Physiologische Scheikunde. 1  
vol.
- Richter, Pathologie und Therapie des  
Menschen. 1 vol.
- Handbuch Pathologie und Therapie der  
Acuten Krankheiten. 2 vols. bound  
in 1 vol.
- Barbier, Traité Élémentaire de Matière  
Médicale. 3 vols.
- Richard, Eléments de Botanique. 1 vol
- Briand, Manuel complet de Médecine  
Légale. 1 vol.
- Gerdy, Ouvrages de. 3 vols.
- Meyer, Lehrbuch der Physiologischen  
Anatomie des Menschen. 1 vol.
- Leydig, Lehrbuch der Histologie. 1 vol.
- Bertier, Traité de la Maladie Véné-  
rienne chez les Enfants. 1 vol.
- Neubauer, Qualitativen und Quantitati-  
ven Analyses. 1 vol.
- Owen, Principal forms of the Skeleton  
of the Teeth. 1 vol.
- Kohlman, Maas und Gewichts. Tabel-  
len Eilenburg. 1 vol.
- Goodsir, Anatomical and Pathological  
Observations. 1 vol.
- Virey, Traité complet de Pharmacie. 1  
vol.
- Bégin, Traité de Thérapeutique. 1 vol.
- Rootan, Cours Élémentaire d'Hygiène.  
1 vol.
- Nature, First Eight Volumes bound in  
4 vols.

Royal Coll. Physicians, England.....	{	Ord. Collected Works of Francis Sibson. 4 vols.
United States Government, Washington.		Medical and Surgical History of the War of the Rebellion, Surgery. vol. III.
Ontario Government.....	{	Second Annual Report of the Provincial Board of Health. 1 vol.

Purchased with the grant of \$100 from the Summer Session of 1884.....

Duncan, Sterility in Women.  
Hutchinson, Pedigree of Disease.  
Williams, C. J. B., Life and Memoirs of Hart and Barbour, Gynecology.  
Hime, Morality.  
Lancereaux, Pathological Atlas (Greenfield).  
Ross, Diseases of the Nervous System, 2nd ed.  
Johnson, Defence of Harvey.  
Thompson (Sir H.), Tumors of the Bladder.  
Holmes, System of Surgery, 3 vols.  
Althaus, On Sclerosis of the Spinal Cord.  
Doran, Tumors of the Ovary.  
Treves, Intestinal Obstruction.  
Gamgee, Treatment of Wounds.  
Thompson (Sir H.), Surgery of the Urinary Organs (Lectures.)  
Duhring, Diseases of the Skin.  
Blackwell, Human Element in Sex.  
Barnes, System of Midwifery, Vol. I.  
Emmet, Gynecology, 1884.  
Treves, Applied Anatomy.  
B. Clark, Dissectors Manual.  
Pepper, Surgical Pathology.  
Bruce, Materia Medica and Therapeutics.  
Klein, Elements of Histology.  
Gould, Elements of Surgical Diagnosis.  
Robertson, Elements of Physiological Physics.  
Power, Elements of Human Physiology.

# Governing Body of the University.

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GEORGE HAGUE, Esq.

THE HON. DONALD A. SMITH.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

## PRINCIPAL:

SIR WILLIAM DAWSON, M.A., LL.D., F.R.S., C.M.G., *Vice-Chancellor.*

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

## FELLOWS:

VEN. ARCHDEACON LEACH, M.A., D.C.L., LL.D., Vice-Principal and  
Dean of the Faculty of Arts.

HENRY ASPINWALL HOWE, LL.D., Governors' Fellow.

- REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.  
 ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts,  
 Governors' Fellow.  
 REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.  
 REV. HENRY WILKES, M.A., D.D., LL.D., Professor of Theology, Congre-  
 gational College of British North America.  
 REV. D. H. MACVICAR, D.D., LL.D., Principal of the Presbyterian College,  
 Montreal.  
 JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.  
 WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law.  
 REV. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts.  
 HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.  
 BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App.  
 Science.  
 REV. E. J. REXFORD B.A., Governors' Fellow.  
 ROBERT BELL, B.A. Sc., M.D., Representative Fellow in App. Science.  
 REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.  
 REV. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theo-  
 logical College.  
 REV. GEORGE DOUGLASS, LL.D., Principal of the Montreal Wesleyan  
 Theological College.  
 CLEMENT H. MCLEOD, M.A., Representative Fellow in Applied Science.  
 J. S. ARCHIBALD, M.A., B.C.L., Elective Fellow, Faculty of Law.  
 GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine.  
 FRANCIS J. SHEPHERD, M.D., Representative Fellow in Medicine.  
 JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.  
 REV. R. W. NORMAN, M.A., D.C.L., Chairman of Protestant Board of School  
 Commissioners.  
 R. P. HOWARD, M.D., Dean of Faculty of Medicine.  
 S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.  
 S. F. PASSMORE, B.A., Principal of St. Francis College.  
 FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.  
 REV. JAMES BARCLAY, B.A., Governors' Fellow.  
 M. M. TAIT, B.C.L., Q.C., Representative Fellow in Law.  
 ROBERT CRAIK, M.D., Representative Fellow in Medicine.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

SECRETARY, REGISTRAR AND BURSAR :—

*[And Secretary of the Royal Institution].*

- WILLIAM CRAIG BAYNES, B.A., Cambridge; Residence and Office, East Wing,  
 McGill College; Office hours 10 to 2.  
 JAMES W. BRAKENRIDGE, B.C.L., Clerk; Residence 3 Victoria Street.

## Faculty.

SIR WILLIAM DAWSON, LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., Dean of the Faculty.

### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica and Therapeutics, 84 *St. Famille Street*.

DUNCAN C. MCCALLUM, M.D., Midwifery and Diseases of Woman, 45 *Union Avenue*.

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 *Cathcart Street*.

JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, *Abbotsford, Que.*

### PROFESSORS.

R. PALMER HOWARD, M.D., Professor of Medicine, 47 *Union Avenue*.

G. E. FENWICK, M.D., Professor of Surgery, 1401 *St Catherine Street*.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 55 *Beaver Hall Hill*.

GEORGE ROSS, M.A., M.D., Professor of Clinical Medicine, 49 *Union Avenue*.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 *Union Avenue*.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 *Union Avenue*.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy and Librarian of the Faculty, 85 *Mansfield Street*.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 694 *Dorchester Street*.

ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 82 *University Street*.

JAMES STEWART, M.D., Professor of Materia Medica and Therapeutics and Registrar of the Faculty, 59 *Beaver Hall Hill*.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 856 *Dorchester Street*.

D. P. PENHALLOW, B.Sc., Professor of Botany, 54 *Shuter Street*.

R. L. MACDONNELL, B.A., M.D., Demonstrator of Anatomy and Lecturer on Hygiene, 1433 *St. Catherine Street*.

T. WESLEY MILLS, M.A., M.D., Lecturer on Physiology, 561 *Dorchester Street*.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy and Curator of the Museum, 745 *Dorchester Street*.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 1398 *St. Catherine Street*.

ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 *Beaver Hall Hill*.

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 *Union Avenue*.

R. F. RUTTAN, B.A., M.D., Assistant to Professor of Chemistry.

C. E. CAMERON, M.D., Registrar and Clinical Instructor to the University Maternity Hospital.

WYATT G. JOHNSON, M.D., Demonstrator of Pathology.

# McGill University.—Faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1885-86.

A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene, 2nd or 3rd Year.
10	*Practical Chemistry, 2nd Year till 12 o'clock.	Practical Chemistry, II. Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Histology Demonstration.
11	Out-Patients, Montreal General Hospital	Out-Patients, Montreal General Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal General Hospital.
P.M. 2	Physiology Examination.	Physiology.	Physiology.	Physiology.	Histology, 1st Year. Lecture.	
3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
4	Materia Medica, for 2nd Year only.	Materia Medica, 2nd Year only.	Materia Medica, 2nd Year only.	Materia Medica, 2nd Year only.	Materia Medica, Examination.	Practical Physiology, 2nd Year.
4 to 6		Practical Histology.		Practical Histology.		
10 to 12 A.M.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	

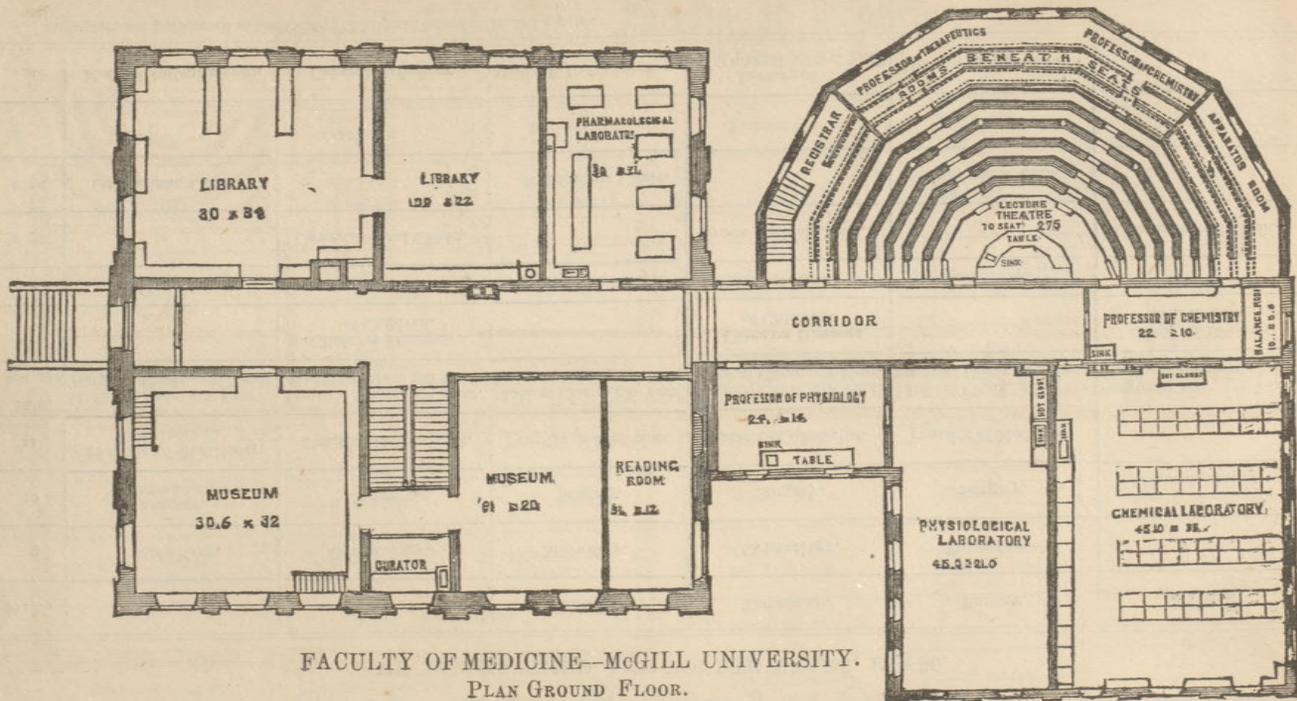
N.B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m. and from 8-10 p.m. \*Until Christmas only.

# McGill University.—Faculty of Medicine.

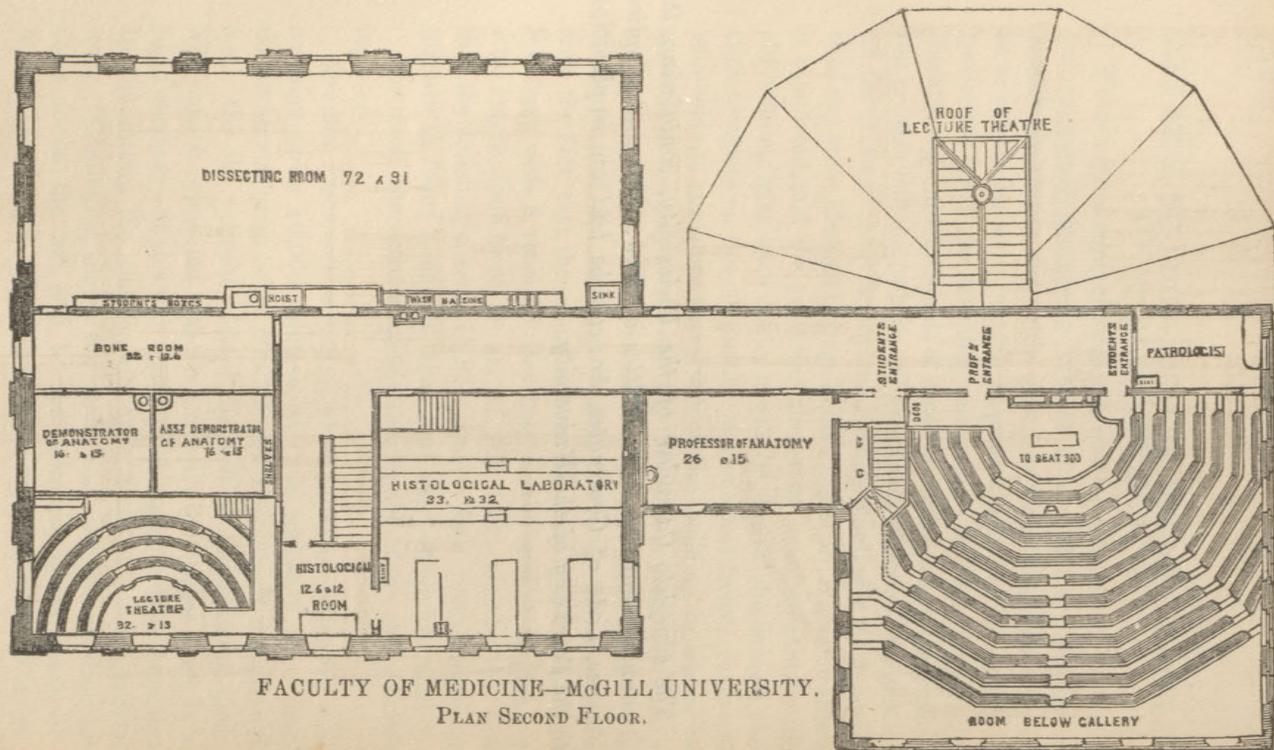
TIME TABLE—THIRD AND FOURTH YEARS, 1885-86.

A. M. <small>11.15</small>	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine	
P.M. <small>1-2.30</small>	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.
1		Clinic on Diseases of Children.		Clinic on Diseases of Children.		Clinic on Diseases of Children.
2			Neurological Clinic.		Skin Clinic.	
2.30		Gynæcological Clinic.		Gynæcological Clinic.		Gynæcological Clinic.
2.30	Ophthalmic Clinic.		Aphthamic Clinic.		Aphthamic Clinic.	
4	Medical Jurisprudence.	General Pathology.	Medical Jurisprudence.	Lecture on Ophthalmology.	Medical Jurisprudence.	

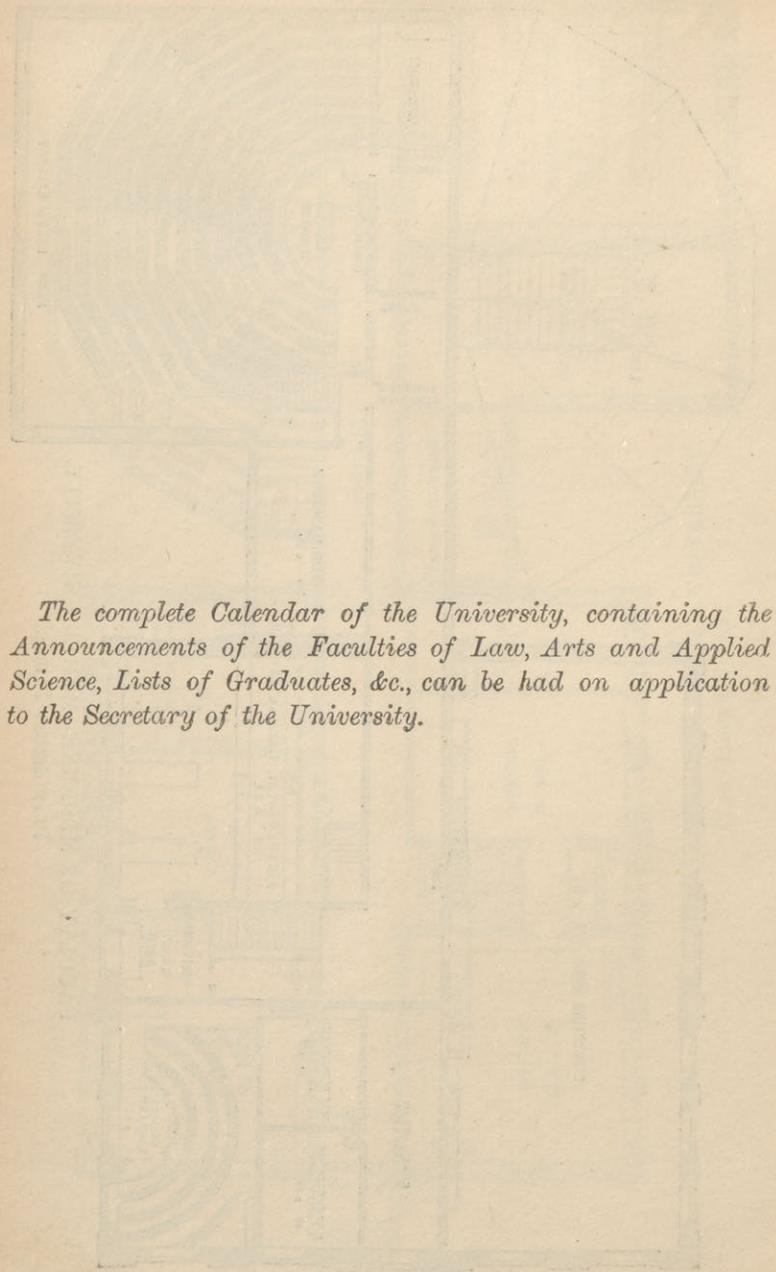
Autopsies are performed at the General Hospital between 12 and 2 p. m.



FACULTY OF MEDICINE—MCGILL UNIVERSITY.  
 PLAN GROUND FLOOR.



FACULTY OF MEDICINE—MCGILL UNIVERSITY.  
 PLAN SECOND FLOOR.



*The complete Calendar of the University, containing the Announcements of the Faculties of Law, Arts and Applied Science, Lists of Graduates, &c., can be had on application to the Secretary of the University.*

### THE NEW BUILDING OF THE MEDICAL FACULTY OF MCGILL UNIVERSITY.

We are quite sure our readers will be pleased to hear that the continually increasing success of the Medical Faculty of McGill University during the past few years has been so great as to render the large building at present occupied by them altogether too small for teaching purposes. In consequence, the Faculty have now in course of construction an annex larger than the present building, which will greatly increase the facilities for all the classes. As it is now, the Faculty building is much larger than any other Medical College in the Dominion. When the annex is completed, and the extensive alterations contemplated in the old building have been made, it will be one of the largest and most complete on this continent. A student of former years will be unable to recognize the inside of the building in which he studied, as the only rooms existing then and now are the library and museum, and these, too, have been added to. Some idea of the size of the whole structure, complete, can be formed from the fact that the main hall on the first floor will be 136 feet long, with a room 28 feet long at the end of it, giving a total length from front to rear of 164 feet; also by the fact that the building covers 13,930 square feet. Accompanying this will be found a plan as taken from the College calendar.

For those interested we give a description of the entire building:—

*Ground Floor.*—The library, which is a very extensive one, containing over 10,000 volumes, will now consist of two rooms, the additional room being  $30 \times 22$ , and opening off the present one. On the opposite side of the hall is the museum, which will now be connected with an extensive additional room by a small chamber—in this way almost doubling its present capacity. In the latter, the curator will have facilities for his special work. Continuing along the main hall, the second door we come to on the left will be the entrance to the pharmacological laboratory. This room is to be specially fitted up for

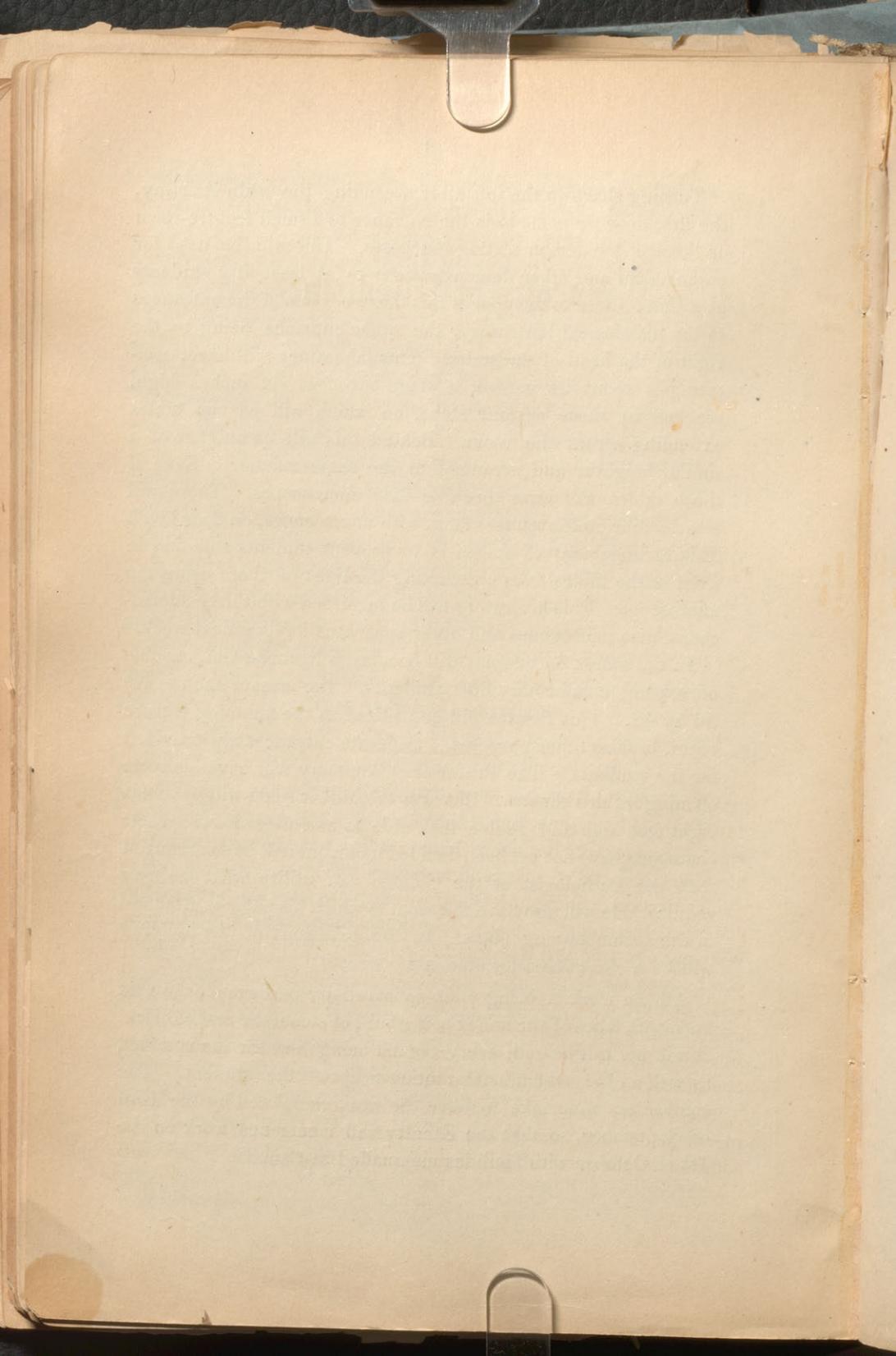
demonstrating, experimentally, the actions of drugs, as well as for giving courses on practical pharmacy. On the opposite side of the hall is the students' reading-room, which is to be comfortably fitted up. Next to the reading-room is the private room of the Professor of Physiology. This is chiefly for the purposes of the experimental work of the professor himself. Here, also, will be kept the valuable apparatus of this department, which has been extensively added to, and is now thoroughly efficient. This opens into the physiological laboratory, which is the next room to the right. Here the students will themselves take an active part in the physiological work, just as in the adjoining chemical laboratory they study chemistry practically. The chemical laboratory will have accommodation for seventy-five students, all engaged in the practical work of this subject. Here every convenience is provided for enabling the student to pursue this special work. Opening off the laboratory is the "balance room" and private room for the Professor of Chemistry. On the opposite side of the main hall is the large lecture theatre for the classes on these two branches. This room is hexagonal in shape, and its widest part measures 76 feet. It is lighted by a skylight, and three windows to the rear of the students, which also serve admirably for ventilating purposes. It will seat comfortably 275 students. Beneath the higher seats are four rooms, each 8 feet high and 10 feet wide. The Professor of Therapeutics will occupy the first two rooms, one of which will be for the convenient performance of his duties as Registrar. The Professor of Chemistry will use the other two rooms for physical apparatus and also for private experimental work.

*Second Storey.*—Opposite the main staircase is the dissecting-room. This will be now 72 feet long, and will be provided with 20 tables. The room will be splendidly lighted—by daylight from two skylights, as well as windows from three points of the compass; and at night there will be both electric lights and gas. Opening off the dissecting-room is the bone-room. This will have a large table in its centre and seats, will be well supplied with bones, and will be a convenient place for the study of osteology. Opening off the bone-room will be rooms for the Demonstrator and his assistants.

Turning sharp to the left after ascending the main stairway, the first door we come to is the entrance to a small lecture-room or theatre for demonstrating purposes. This will be used for pathological and other demonstrations to at least fifty students at a time. Close to the door of this theatre is one of the entrances to the histological laboratory, the other entrance being to the right of the head of the stairs. This laboratory will have, commencing about its centre, a stage two feet six inches high, reached by three or four steps, on which will be two tables extending across the room. Behind this will be another of a similar height, and arranged in the same manner. Each of these tables will have three or four microscopes. There will also be four tables ten feet long, with microscopes, on floor level. This arrangement of stages is to prevent students standing in front of the tables from obstructing the light of those using the microscopes. This laboratory will be furnished with thirty microscopes, also microtomes and other apparatus for practical work.

In the annex on this flat will be a large lecture-room, capable of seating comfortably 300 students. Its measurements are 56 by 46. This theatre will be utilized as the anatomy lecture room, besides other purposes. Separate entrances are provided for the students. The Professor of Anatomy will have his room opening off this theatre. Beneath the higher seats will be rooms eight feet high and twelve feet wide at narrowest part. Their occupants have not yet been decided upon, but will be so arranged that the Pathologist of the College can utilize what he may require. He will also have the room to which his name is attached in the accompanying plans. In the basement of the building will be a cloak room for students.

All the work is being most substantially performed, the east and south faces of the annex being built of stone, the rest of brick. It will be well heated, every regard being had for the comfort, as well as the educational requirements of the student. The contractors undertake to have the work completed by the 15th of September, so that the Faculty will commence work on the 1st of October with facilities unequalled in Canada.



## Faculty of Medicine.

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### THE PRINCIPAL (ex-officio).

Professors :—

WRIGHT,  
HOWARD,  
MCCALLUM,  
CRAIK,  
FENWICK,  
DRAKE,  
GIRDWOOD,  
ROSS,

Professors :—

RODDICK,  
GARDNER,  
SHEPHERD,  
BULLER,  
BROWNE,  
STEWART,  
WILKINS,  
PENHALLOW.

Dean.—R. P. HOWARD, M.D.

Registrar.—J. STEWART, M.D.

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The fifty-third session of the Faculty will be opened on Thursday, October 1st, 1885, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 53rd session of the Faculty. In reality this is the 57th session of the school, which is the direct continuation of the Medical Institution.

The Faculty have great pleasure in announcing that by arrangements made with the Board of Governors of the University an addition to the medical building is being constructed which will

double its capacity, and at the same time important improvements in the old building are also being effected. These changes will be completed before the session opens on the first of October.

The necessity for additional accommodation has been brought about by the great increase in the number of students. It is also the desire of the Faculty to make the practical and scientific teaching of all the primary and third year branches in future a more prominent feature of the Medical Students' training in this University, and equal to that of the more advanced European Schools. With this end in view the old laboratories for Chemistry and Physiology are to be much enlarged and refurnished, while new ones for Pathology, Histology and Pharmacology are in course of erection—all of which will be fitted according to the more modern methods for the practical prosecution of studies in these different branches.

The Dissecting Room which is being considerably enlarged, will be refurnished and lighted by electricity. In connection with it there will be a "Bone Room," and the private rooms and museum of the Professor and Demonstrators of Anatomy.

The Pathological Laboratory will be furnished in such a way as to contain all instruments and apparatus necessary for the more advanced students and graduates who wish to engage in private pathological research. The various morbid specimens obtained from the General Hospital and other sources will be demonstrated to the students in this Laboratory or in a small lecture room specially fitted up for demonstration purposes.

The classes engaged in Pathological Histology will make use of the Histological Laboratory when pursuing this subject.

The Physiological Laboratory will be fitted up with the most modern apparatus, much of which has been specially prepared in Germany and England for this institution. It will contain amongst other valuable instruments, kymographs, various manometers, etc., for demonstrating blood pressure, myographs rheocords, moist chambers, etc., and various electrical appliances for demonstrating experiments in connection with nerve and muscle, special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion as well as the chemical composition and action of the secretions, and the

chief constituents of the tissues and nutritive fluids. The laboratory will be arranged in such a way as to permit of the students helping and taking part in these demonstrations.

The Histological Laboratory will be furnished with thirty microscopes all from the well known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration. Students attending the practical class will have unusual facilities for preparation of specimens.

The Pharmacological Laboratory will contain all the instruments and appliances necessary for the conducting of experimental investigations into the action of drugs on the different systems of the body.

Courses on practical pharmacy will also form a feature of the future teaching of materia medica in this institution.

In the new building there will be one small and two large lecture theatres, the latter being so constructed as to seat comfortably 300 students each, while the former is intended for demonstration courses, and where the number of students does not exceed fifty.

Besides considerable additions to the museum and library there will be a students' reading room on the ground floor.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As the lists on a previous page show, over \$50,000 have been subscribed to the

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Campbell Memorial Fund ; and the Hon. Donald A. Smith on August 1st, 1883, redeemed his promise by handing over to the Governors for the use of the Faculty \$50,000, to be known as the "Leancoil Endowment."

The Faculty take this opportunity of publicly expressing its sincere thanks to the benefactors to whom the University and the cause of Medical education are thus indebted. It is also extremely gratifying to the Faculty to feel that the memory of its late Dean should have received such a lasting tribute and that his name should be thus permanently associated with the school he loved, as well as through the liberal gift of Mr. Geo. Stephen, with the Hospital he so long served.

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I.

**MATRICULATION.**

It is very important that intending Students should bear in mind the following :

(1) *That if natives of Ontario, and if they wish to obtain the licences of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their Medical Studies.*

(2) *If natives of the Province of Quebec, they must pass the Matriculation Examination of the Quebec Medical Board.*

(3) *Natives of the Maritime Provinces and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of the University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.*

*Graduates in Arts are exempt from the Matriculation.*

(a).—UNIVERSITY MATRICULATION EXAMINATION.

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the last Friday

and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations: (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

TEXT-BOOKS.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, *Æneid*, Bk. I.

GREEK.—Xenophon, *Anabasis*, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

\* The ability of the candidate will be fully tested in the following:—“(1) To write sentences in English on a given theme, attention being paid to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use.”

(b).—MARTICULATION EXAMINATION OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

COMPULSORY SUBJECTS.

- LATIN.—Cæsar's Commentaries, Book V,—Virgil's *Æneid*, Book V.—The Odes of Horace, Book 1.
- ENGLISH—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespere's, viz., "The Tempest," for 1884; Richard III., for 1885; and "The Midsummer Night's Dream," for 1886.
- FRENCH—Fénélon's "Aventures de Télémaque."—A French play, viz., Corneille's "Le Cid," 1884; Moliere's "Le Misanthrope," 1885, and Racine's "Esther" for 1886.
- BELLES LETTRES.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, and Louis XIV. in France.
- HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.
- GEOGRAPHY.—A general view, with particular knowledge of England, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Books I., II., III., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

OPTIONAL SUBJECTS.

- GREEK.—Xenophon's *Anabasis*, Book I.—Homer's *Iliad*, Book I.
- PHYSICS.—Outlines of the subject as in Ganot's *Physics*, translated by Atkinson.
- PHILOSOPHY.—Elements of Logic and of Moral Philosophy, as in Jevon's *Logic* and Calderwood's *Hand-book of Moral Philosophy*.

The Examinations will be held upon the 18th of September, 1885.

at Quebec, and on the 7th of May, 1886, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

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

Of the four years study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

(c) MATRICULATION EXAMINATION OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Register the official certificate of having passed the 3rd class non-professional examination with Latin; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty Dollars.

II.

**ENREGISTRATION AND PAYMENT OF FEES.**

The following are the University Regulations :

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued

by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

### III.

#### COURSES OF LECTURES.

##### ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824.

WILLIAM E. SCOTT, 1856.

OLIVIER T. BRUNEAU, 1842.

FRANCIS J. SHEPHERD, 1883.

Anatomy will be taught in the most practical manner possible, and its relation to Medicine and Surgery will be fully dwelt on. The lectures will be illustrated by the fresh subject, moist and dry preparations, sections, models, and plates and drawings on the black-board.

##### PRACTICAL ANATOMY.

Demonstrator ..... RICHARD L. MACDONNELL.

Assistant Demonstrators ..... { WILLIAM R. SUTHERLAND.  
R. J. B. HOWARD.

Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p.m. ; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined *at least* three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

##### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

ANDREW F. HOLMES, 1824.

WILLIAM SUTHERLAND, 1849.

ARCHIBALD HALL, 1844.

ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated ; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry

also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

ASSISTANT R. F. RUTTAN.

Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.

### PHYSIOLOGY.

LECTURER T. W. MILLS.

JOHN STEPHENSON, 1824.

STEPHEN C. SEWELL, 1842.

ROBERT L. MACDONNELL, 1845.

WILLIAM FRASER, 1849.

JOSEPH M. DRAKE, 1872.

WILLIAM OSLER, 1874.

T. W. MILLS, 1884.

(1) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and by experiments with apparatus.

(2) Practical Physiology :—In addition to the demonstrations in the Lecture room, the senior members of the class have an opportunity of attending the following : (a) Physiological chemistry weekly until Christmas, in which class each student works over the essentials of the chemistry of digestion, the secretions and the urine, (b) A special demonstration course in Experimental Physiology, weekly after Christmas, with the use of apparatus.

### HISTOLOGY.

PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of

the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

*Practical Histology.*—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students will be able to collect a cabinet of 100 or more specimens for reference at any time; these, besides being of great help to them during their College course they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee \$12.

### MATERIA MEDICA.

PROFESSOR JAMES STEWART.

ANDREW F. HOLMES, 1824.

ARCHIBALD HALL, 1835.

WILLIAM WRIGHT, 1854.

JAMES STEWART, 1883.

The course on this subject deals for the most part with the pharmacology and therapeutics of the different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—(1) Cardiac Tonics, (2) Cardiac Depressants, (3) Motor Stimulants, (4) Motor Depressants, (5) Anæsthetics, (6) Analgesics, (7) Mydriatics, (8) Alteratives, (9) Hæmatinics, (10)

Astringents, (11 Purgatives,) (12) Digestants, (13) Nutritives, (14) Antiseptics, (15) Antipyretics, (16) Diuretics.

Electro therapeutics will also be dealt with.

### MEDICINE.

PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824.

ANDREW F. HOLMES, 1844.

WILLIAM ROBERTSON, 1833.

R. PALMER HOWARD, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and Children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

### CLINICAL MEDICINE.

PROFESSOR GEORGE ROSS.

JAMES CRAWFORD, 1845 and 1852.

R. PALMER HOWARD, 1856.

ROBERT L. MACDONNELL, 1849.

DUNCAN C. MACCALLUM, 1860

STEPHEN C. SEWELL, 1850.

JOSEPH M. DRAKE, 1868.

GEORGE ROSS, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated.

Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

### SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824.

G. W. CAMPBELL, 1835.

GEO. E. FENWICK, 1875.

The first part this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

### CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

JAMES CRAWFORD, 1845.

ROBERT CRAIK, 1860.

WILLIAM E. SCOTT, 1852.

GEORGE E. FENWICK, 1868.

DUNCAN C. MACCALLUM, 1856.

THOMAS, G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures

dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operation. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

### MIDWIFERY.

PROFESSOR A. A. BROWNE.

WILLIAM ROBERTSON, 1824.

MICHAEL McCULLOCH, 1842.

JOHN RACEY, 1833.

ARCHIBALD HALL, 1854.

GEO. W. CAMPBELL, 1835.

DUNCAN C. MACCALLUM, 1867.

A. A. BROWNE, 1883.

This course will embrace (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. (2) Bedside instruction in the University Maternity, including the management and after-treatment of cases. (3) A complete course on obstetric operations with the phantom and preserved fetuses, in which each final student will perform the various manipulations and operations. (4) The Diseases of Infancy.

### GYNÆCOLOGY.

PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited and their uses explained. After this the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The gynæcological clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

## MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.  
 FRANCIS BADGLEY, 1849.  
 FRANCIS C. T. ARNOLDI, 1850.  
 WILLIAM E. SCOTT, 1851.  
 WILLIAM WRIGHT, 1852.

R. PALMER HOWARD, 1854.  
 DUNCAN C. MACCALLUM, 1860.  
 GEORGE E. FENWICK, 1867.  
 WILLIAM GARDNER, 1875.  
 GEORGE WILKINS, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the Class.

## OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such Students as may wish to avail themselves of the same.

## HYGIENE.

LECTURER R. L. MACDONNELL.

GEORGE ROSS, 1871.  
 THOS. G. RODDICK, 1873.

ROBERT T. GODFREY, 1875.  
 WILLIAM GARDNER, 1879.

R. L. MACDONNELL, 1883.

A three months' course of Lectures will be delivered on this sub-

ject, the attendance upon which is now compulsory. The course comprises lectures on Drinking Water and Public Water supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, etc. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

### BOTANY.

PROFESSOR D. P. PENHALLOW.

ANDREW F. HOLMES, 1829.

DR. PAPINEAU, 1845.

JAMES BARNSTON, 1857.

J. W. DAWSON, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes Histology, General Morphology, Nutrition and Reproduction, and Classification, and is illustrated by specimens, diagrams, models, and the microscope.

Students of the first year have access without any additional fee to the lectures in Zoology, in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

### PATHOLOGY.

DEMONSTRATOR W. G. JOHNSTON.

(1) Twenty lectures on General Pathology to the students of the 3rd year.

(2) Pathological Demonstrations—weekly—Saturday, 10 a.m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept until Saturday, and then brought before the class, when practical comments are made upon them.

(3) Instruction in Post-Mortems—The Autopsy Room of the General Hospital is in charge of the Demonstrator, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this course, aided by the Professor of

Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

Extracts from the University Regulations with respect to the courses of Lectures :

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

## IV.

**QUALIFICATIONS FOR THE DEGREE.**

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine :

No one entering after October first, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz. :—

*Anatomy.*

*Chemistry.*

*Materia Medica and Pharmacy.*

*Institutes of Medicine.*

*Principles and Practice of Surgery.*

*Midwifery and Diseases of Women and Children.*

*Theory and Practice of Medicine.*

*Practical Anatomy.*

*Clinical Medicine.*

*Clinical Surgery.*

*Medical Jurisprudence.*

*Practical Chemistry.*

*Botany or Zoology.*

*Hygiene.*

} Of which two Courses  
will be required of  
six months' duration.

} Of which one Course of  
six months or two  
Courses of three months  
will be required.

} Of which one Course will  
be required of three  
months' duration.

\* To be taken after 3rd winter session.

*And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.*

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

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, ——— 18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:

SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A——B——, Doctoratus in Arte Medica, [titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

## EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student ; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows :

*1st Year.*

*Pass Examination* in HISTOLOGY and BOTANY.

*Sessional Examination* in ANATOMY, CHEMISTRY and PHYSIOLOGY.

Marks will be allowed for the Sessional Examination which count in the Pass Examination of the following year.

*2nd Year.*

*Pass Examination* in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY and PHYSIOLOGY.

*Sessional Examination* in Materia Medica and Therapeutics.

Marks will be allowed for the Sessional Examination which count in the Pass Examination of the following year.

*3rd Year.*

*Pass Examination* in MATERIA MEDICA and THERAPEUTICS, MEDICAL JURISPRUDENCE, HYGIENE and PATHOLOGY.

*4th Year.*

*Pass Examination* in MEDICINE, SURGERY, OBSTETRICS, CLINICAL MEDICINE, CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

## VI.

**MEDALS AND PRIZES.**

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medalist is not permitted to compete for this prize.

3rd. A Prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

5th. A Prize in books for the best examination in Practical Anatomy.

Prizes in Botany.

A Prize in books for the best examination.

\*A Prize of \$20 for the best named collection of Canadian plants

## VII.

**FEES.**

Distributed according to years, the class fees are as follows :

## FIRST YEAR.

Anatomy .....	\$12.00
Physiology .....	12 00
Histology .....	6 00
Chemistry .....	12 00
Practical Anatomy .....	12 00
Botany .....	5 00
Dissecting Material .....	5 00
Enregistration .....	5 00
Total .....	\$69 00

\* This Prize is open to both Medical and Arts Students. The plants entered in competition must be deposited in the Museum Collection.

## SECOND YEAR.

Anatomy.....	\$12 00
Practical Anatomy.....	12 00
Physiology.....	12 00
Chemistry.....	12 00
Practical Chemistry.....	12 00
Materia Medica.....	12 00
Hygiene.....	6 00
Dissecting Material.....	5 00
Enregistration.....	5 00
	<hr/>
	\$88 00

## THIRD YEAR.

Medicine.....	\$12 00
Materia Medica.....	12 00
Clinical Medicine.....	12 00
Surgery.....	12 00
Clinical Surgery.....	12 00
Midwifery and Gynæcology.....	12 00
Med. Jurisprudence.....	10 00
Pathology.....	10 00
Enregistration.....	5 00
	<hr/>
Total.....	\$97 00

## FOURTH YEAR.

Medicine.....	12 00
Surgery.....	12 00
Clinical Medicine.....	12 00
Clinical Surgery.....	12 00
Midwifery and Gynæcology.....	12 00
Enregistration.....	5 00
	<hr/>
	\$65 00

## HOSPITAL FEES.

Montreal General Hospital, Perpetual Ticket.....	\$20 00
University Dispensary.....	Free
University Maternity.....	8 00
	<hr/>
	\$28 00
Graduation Fee.....	\$30 00

Matriculation Fee, payable only if the Student takes the University	
Matriculation .....	\$5 00
Total Collegiate and Hospital expenses, spread over four years, about ..	\$375

It is to be understood that a Student wishing to take any other class than those of his year can do so on payment of the class fee.

*Fees are payable in advance, to the Registrar, at the time of enregistration.*

## VIII.

## TEXT BOOKS.

*Prices current in Montreal.*

- ANATOMY.—Gray, \$6 ; Wilson, \$4 ; Quain (Eng. Ed.) \$9.75.
- PRACTICAL ANATOMY.—Heath's Dissector, \$4.50 ; Ellis' Dissector, \$4.25 ; Holden's Dissector, \$5.00 ; and Landmarks, \$1.00.
- CHEMISTRY.—Fownes, \$2.25 ; Miller, \$1.00 ; Roscoe, \$1.20.
- PRACTICAL CHEMISTRY.—Odling, \$1.75 ; Galloway, Fresenius, \$5.00.
- MATERIA MEDICA and THERAPEUTICS.—Wood, \$6.00 ; Lauder Brunton, \$5.00 ; Scoresby Jackson, \$3.75 ; Whitla, \$3.50.
- PHYSIOLOGY.—Huxley's *Elementary Lessons*, \$1.35 ; with either Dalton (7th Edit. \$5.00) ; Kirke, \$4.25 or Foster (Am. Edit., \$3.25), Yeo.
- PATHOLOGY.—Virchow on Post-Mortems, \$1.00 ; Green, \$2.50.
- HISTOLOGY.—Klein's Elements, \$1.50.
- SURGERY.—Holmes' Surgery, (Eng. Ed.) \$9.00 ; Erichsen, \$8.50 ; Druitt, \$4.00 ; Bryant, \$6.50.
- PRACTICE OF MEDICINE.—Flint, \$5.50 ; Roberts, \$5.00 ; Bristowe, \$5.00 ; DaCosta, \$6.00.
- MEDICAL JURISPRUDENCE.—Husband, \$3.25 ; Guy and Ferrier, \$3.75.
- MIDWIFERY.—Lusk, \$5.00 ; Playfair, \$4.00 ; or Leishman, \$4.50.
- GYNÆCOLOGY.—Edis, \$3.00 ; Goodell's Lessons, \$4.00 ; Hart and Barbour's Manual, \$7.50.
- HYGIENE.—Parks, \$5.50 ; Wilson (Eng. Ed.) \$3.25.

## MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

During the past few years numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" are also found. The Faculty are indebted to Prof. Osler, late of this University, this collection.

Specimens representing morbid alterations of the liver included Cirrhosis (a beautiful specimen of the Hypertrophic form, weighing  $9\frac{1}{2}$  lbs.), Hydatids, Cancer, Abscess, Suppurative Hepatitis following Aneurism of the Hepatic Artery. This Section also contains a large number of Biliary Calculi.

*Intestines and Peritoneum.*—Specimens illustrating the Morbid Anatomy of Typhoid Fever, Tropical Dysentery, Ulceration, and Malignant Disease.

*Kidneys.*—Besides the various forms of Bright's Disease, there are a number of specimens of Surgical and Cystic Kidneys, together with two specimens of Myelo-Sarcoma. A fine collection of Urinary Calculi, made by Dr. Fenwick, is also the property of the Museum.

*Bones and Joints.*—Specimens illustrating the various injuries and diseases of the Bones and Joints.

*Nervous System.*—In this section are included a most beautiful collection of Brains prepared by Dr. Osler after the method of Giacomini. Besides those illustrating pathological defect, there are specimens of the brains of horse, cow, dog, cat, pigeon, goose, lion, bear, seal, &c. The Museum also contains a small collection of human abnormalities made by Dr. Shepherd during the time he was Demonstrator of Anatomy.

## X.

**LIBRARY.**

The Library of the Medical Faculty now comprises between nine and ten thousand volumes, the largest special library connected with any medical school on the continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5.00, which is refunded on returning the volumes.

## XI.

**MCGILL MEDICAL SOCIETY.**

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

## XII.

**COST OF LIVING, &c.**

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good Board may be obtained from \$15 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

## XIII.

**HOSPITALS.****MONTREAL GENERAL HOSPITAL.**

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2347 Medical and Surgical

cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

## MONTREAL DISPENSARY.

ST. ANTOINE STREET.

Over 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

## UNIVERSITY MATERNITY HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures are furnished with cases in rotation; they are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

## UNIVERSITY DISPENSARY.

This Dispensary was established two years ago for special clinical instruction in Diseases of Women; and special clinics have been established at the same place, for Diseases of Children, Diseases of the Skin, and for Diseases of the Nervous System.

*Diseases of Women.*—The difficulty of affording to Senior Students practical instruction in gynæcology is felt in most schools, as women will not present themselves for examination before a large class of men. The plan followed for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments. The attendance is on Tuesdays, Thursdays and Saturdays, 3 p.m.

*Diseases of Children.*—The clinic is on Tuesdays, Thursdays and Saturdays at 1 p.m., when the patients are seen and instruction given on the cases.

*Diseases of the Skin.*—The Surgeon in charge will attend every Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

*Diseases of the Nervous System.*—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

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 XIV.

## STUDENTS' APPOINTMENTS.

Resident Medical Officers Montreal General Hospital, 3 annually  
April 10.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

“ “ Diseases of Children.

“ “ Dermatology.

“ “ Diseases of Nervous System.

Obstetrics.

Student Demonstrators of Anatomy, 4 3rd-year students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

## XV.

## RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall in each case be determined by the Faculty.

3. While in the College Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

## XVI.

## PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 234, of whom there were, from—

Ontario,	126	P. E. Island,	3
Quebec,	58	Newfoundland,	3
N. Brunswick,	20	West Indies,	2
Nova Scotia,	11	British Columbia,	1
United States,	8	Manitoba,	1
		Ireland,	1

The following gentlemen, 46 in number, have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Therapeutics, Physiology, Histology and Botany.

Aylen, P .....	Aylmer, Q.
Blackader, E. H. P., B.A. ....	Montreal, Q.
Boggs, G. W .....	Wolfville, N.S.
Boone, S. W .....	Fredericton, N.B.
Campbell, A. W.....	Ingersoll, O.
Carter, L. H.....	Picton, O.
Cattanach, W.....	Glen Water, O.
Cowie, Alex. MacD .....	Montreal, Q.
DeCow, D. McG.....	Dresden, O.
Dazé, Henri.....	Montreal, Q.
Dickson, J. A .....	Trenholmvile, Q.
Earl, E. H.....	Port Hope, O.
Ellis, W. E.....	St. Catharines, O.
Evans, E. J .....	Seaforth, O.
Ferguson, W. D .....	Cumberland, O.
Fillmore, E. W .....	Baie Verte, N. B.
Flagg, J. D.....	Morrisburg, O.
Fraser, J. M .....	Hawkesbury, O.
Gardner, A. W.....	Cornwall, O.
Haentschell, W. C.....	Pembroke, O.
Hall, Wm .....	Walkerton, O.
Hamer, A. L.....	Bradford, O.
Haythorne, T. J .....	Charlottetown, P.E.I.
Johnson, J. W .....	Vankleek Hill, O.
Kelly, J. A. A .....	Durham, O.
Kennedy, R. A., B.A.....	Ottawa, O.
Kirkpatrick, R. C., B.A. ....	Montreal, Q.
Lafleur, H. A., B.A. ....	Montreal, Q.
Leslie, A. C.....	Watson's Corners, O.
Loucks, W. F .....	Stirling, O.
McDonald, D. D.....	North Lancaster, O.
McMillan, G. A .....	Dundee Centre, Q.
Morgan V. H.....	Aultsville, O.
Norman, T. J.....	Schomberg, O.
Pomeroy, L. E. M.....	Tweed, O.
Poole, A.....	Wakefield, Q.
Reavely, E.....	Port Robinson, O.
Richardson, G. C.....	South March, O
Ross, D. L.....	Winthrop, O.
Ross, L. F., B.A.....	Montreal, Q.
Scully, D. J .....	Lindsay, O.
Sinclair, D.....	Guildes, O.
Stephen, G. C .....	Montreal, Q.
Warneford, P. H.....	Norton, N. B.

Williams, E. P.....	Ottawa, O.
Williams, J. F.....	Barrie, O.
Young, A. A.....	Barton, Vt.

The following gentlemen, 34 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned they have passed a satisfactory examination, both written and oral, on the following subjects. Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital :

Arthur, R. H.....	Brighton, O.
Allan, J. H. B.....	Montreal, Q.
Baird, T. A.....	Chesterfield, O.
Burrows, F. N.....	Drayton, O.
Cassidy, Geo. A.....	Goldstone, O.
Daly, Walter S.....	Ogdensburg, U. S.
Corson, Douglass.....	Woodstock, O.
Darey, J. H.....	Montreal, Q.
Dazé, Henri.....	Montreal, Q.
Doherty, W. W.....	Kingston, N. B.
Elder, John.....	Huntingdon, Q.
Eberts, D. W.....	Chatham, O.
Finlay, F. G.....	Montreal, Q.
Harkin, F. McD.....	Vankleek Hill, O.
Hallett, E. O.....	Truro, N. S.
Hurdman, H. T.....	Aylmer, Q.
Gustin, Smith.....	London, O.
Hanna, A. E.....	Harlem, O.
Hawkins, A. C.....	Halifax, N. S.
Irvine, R. T.....	Carp, O.
Johnson, H. D.....	Charlottetown, P.E.I.
Klock, W. H.....	Aylmer, Q.
McMeekin, J. W.....	St. Catharines, O.
McGannon, M. C.....	Prescott, O.
McCormack, N.....	Pembroke, O.
McDonald, H. J.....	Alexandria, O.
McMillan, D. L.....	Alexandria, O.
Powell, F. H.....	Ottawa, O.

Palmer, G. F .....	Ottawa, O.
Robertson, A. M .....	Brockville, O.
Shibley, J. L.....	Yarker, O.
Wishart, D. G.....	Madoc, O.
Willson, J. A. K .....	Manotick, O.
Wood, Edwin Geo .....	Londesboro, O.

The following have passed in Anatomy and Practical Anatomy

Easton, C. L.	Mackinnon, H.
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The following have passed in Chemistry :

Aborn, W. H.	Davis, A. H.	McKinnon, H.
Bradley, W. J.	Edgar, C. J.	McDonald, A. D.
Berry, J. A.	Ferguson, J. A.	Porthier, C. J.
Bell, J. H.	Fritz, N. W.	Porter, J. H.
Boyd, Jay	Kenny, F. L.	Parker, W. D.
Bowen, Wm.,	Kincaid,	Quance, S. H.
Chalmers, W. W.	Lewis, G. T.	Woodruff, T. N.
Christie, Wm.	Lafferty, A. M.	Young, H. E.

The following have passed in Practical Chemistry :

Aborn, W. H.	Davis, A. H.	Parker, W. D.
Berry, J. A.	Fritz, H. D.	Pothier, J. C.
Boyd, J. A. Y.	Kincaid, R. J.	Quance, S. H.
Bradley, W. J.	Kenny, F. L.	Young, H. E.
Cameron, J. J.	Lewis, G. T.	Woodruff, T. A.
Christie, W.	McDonald, A. D.	

The following have passed in Materia Medica :

Aborn, W. H.	Easton, C. L.	McDonald, A. D.
Bowen, Wm.	Edgar, C. J.	Porter, J. H.
Boyd, Jay	Lafferty, A. M.	Parker, W. D.
Brunette, J. T.	Grant, A. S.	Porthier, C. J.
Christie, Wm.	McKinnon, H.	Woodruff, T. N.
Davis, A. H.	McDonald, A. L.	

The following have passed in Physiology :

Aborn, W. H.	Easton, C. L.	McDonald, A. D.
Bowen, Wm.	Edgar, C. J.	Porter, J. H.
Boyd, Jay	Hall, A. G.	Parker, W. D.
Cameron, K.	Lafferty, A. M.	Porthier, C. J.
Christie, Wm.	McDonald, A. L.	Wilkins, H. P.
	Woodruff, T. N.	

The following have passed in Medical Jurisprudence :

Birkett, H. S.	Hawkins, A. C.	Raymond, G. H.
Clark, J. L.	Hughes, P. H.	Robertson, F. D.
Craig, M. A.	Kinloch, J. A.	Rowat, W. M.
Crockett, W. C.	McCollum, E. P.	Schmidt, A. F.
DeCow, D. McG.	McCuaig, A. J.	Schmidt, A. J.
Duffett, J. L.	McDiarmid, G. A.	Seery, F. J.
Earl, E. M.	McGannon, T. G.	Turnbull, A.
Elder, J.	McKay, J. M.	White, F. J.
Gairdner, T. M.	Morgan, V. H.	White, W. W.
Gibson, J. H.	Orton, F. H.	Wilkins, H. P.
Gladman, G. J.	Poole, A.	Williams, J. F.
Graham, J.	Pringle, W. R.	Wilson, C. W.
Grant, J. H. Y.	Raymond, A.	Wishart, D. J.
	Worthington, A. H.	

The following have passed in Hygiene :

Aylen, P.	Grant, J. H. Y.	Morgan, V. H.
Birkett, H. S.	Hawkins, A. C.	Orton, T. A.
Christie, Wm.	Hamer, A. L.	Poole, A.
Clarke, J. L.	Haythorne, T. J.	Pringle, W. R.
Cowie, Alex. MacD.	Hughes, P. H.	Raymond, Alf.
Crockett, W. C.	Kennedy, R. A.	Reavely, E.
Cunningham, H. C.	Kinloch, J. A.	Rowat, W. M. L.
Duffett, J. L.	Kirkpatrick, R. C.	Robertson, F. D.
DeCow, D. McG.	McQuaig, W. J.	Ross, L. F.
Earl, E. H.	McDiarmid, Geo.	Schmidt, A. J.
Evans, W. H.	McDonald, A. D.	Schmidt, A. F.
Fillimore, E. W.	McDonald, A. L.	Seery, F. J.
Gairdner, T. M.	McDonald, D. D.	Turnbull, A.
Gardner, A. W.	McCollum, E. P.	Williams, J. F.
Graham, J.	McGannon, T. G.	Wilkins, H. P.
Gibson, J. B.	McKay, J.	Wilson, C. W.
Gladman, G. J.	McKay, Eugene	White, F. J.
Graham,	McMillan, G. A.	White, W. W.
	Worthington, A.	

The following have passed in Pathology :

Birkett, H. S.	Kennedy, R. A.	Ross, L. F.
Boggs, G. W.	Kinloch, J. A.	Raymond, G. H.
Clarke, J. L.	Kirkpatrick, R. C.	Raymond, Alf.
Crockett, W. C.	Morgan, V. H.	Robertson, F. D.
DeCow, D. McG.	McCallum, E. P.	Schmidt, A. F.
Duffett, J. L.	McKay, J. M.	Schmidt, A. J.

Elder, J.	McCuaig, W. J.	Seery, F. J.
Earl, E. H.	McCannon, T. G.	Turnbull, A.
Gairdner, T. M.	McMillan, G. A.	Wishart, D. J.
Gibson, J. B.,	McKay, Eugene	White, F. J.
Gladman, G. J.	McDiarmid, G. A.	White, W. W.
Grant, J. H. Y.	Orton, T. A.	Wilson, C. W.
Graham, J.	Poole, A.	Williams, J. F.
Hawkins, A. C.	Pringle, W. R.	Worthington, A.
Hughes, P. H.	Rowatt, W. M.	Wilkins, H. P.

The following have passed in Physics :

Baer, D. E.	Hewitt, J.	Morrow, C.
Bell, J. H.	Hoare, H. C.	Mowat, M.
Bradley, J. W.	Horner, A. S.	Orr, J. E.
Bowen, W.	Irwin, W. J.	Orr, A. E.
Berry, R. P.	Kennedy, J. H.	Parker, W. D.
Clouston, J. R.	Kennedy, F. L.	Park, P. C.
Castleman, L.	Kincaid, R. J.	Pomeroy, L. E. M.
Chalmers, W. W.	Kincard, R. W.	Porter,
Conroy, C. P.	Kendell, H. E.	Potts, J.
Deacon, S. D.	Knapy, H. D.	Pothier, C. J.
Davis, A. H.	Kirkpatrick, R. J.	Quance, S. H.
Dickson, A.	Lewis, G. T.	Robertson, H. E.
Dearden, J. D.	Loucks, F.	Rowatt, A. R.
Desmond, F. J.	Lang, W. M.	Stewart, A. D.
Evans, W. H.	Lafferty, A.	Springle, J. A.
Fritz, H. D.	McLennan, D.	Shepperd, A. A.
Ferguson, J. A.	McFarlane, M.	Telfer, W. J.
Gunn, D. T.	McDonnell, A. E. J.	Thompson, J. W.
Girdwood, G. W. T.	McKinnon, H.	Vernier, H.
Green, D. T.	McCarthy, J. J.	Wilde, H.
Goodwin, W. W.	McKay, H. H.	Woodruff, T. A.
Hopkins, H. J.	McKinnon, H.	Wesley, R. A.
Hubbard, O. H.	Metcalfe, F. J.	Whitmore, F. H.
Hubert, P. J. H.	Miller, J. T.	Young, H. E.

The following have passed in Botany :

Clouston, J. R. ....	MacLennan, D. ....
Kincaid, R. M. ....	Kirkpatrick, E. A. ....
Baer, D. C. ....	Hewitt, J. ....
Orr, A. E. ....	Lang, C. H. ....
Hubbard, O. H. ....	Greene, H. D. ....
Orr, J. E. ....	Park, R. C. ....
Kennedy, J. H. ....	Hoare, C. W. ....

Mackay, H. H.....	Weagan, A. A .....
Deacon, J. D.....	Conroy, C. P .....
Hopkins, W. J .....	Stewart, A. D.....
Thompson, J. H.....	McFarlane, M .....
Lewis, G. T .....	Girdwood, G. W.....
Lafferty, A. M.....	Robertson, A. G .....
Westley, R. A.....	Dyer, R. C.....
Berry, R.....	Shepherd, R. A.....
Westmore, F. H.....	Goodwin, W. W.....
Desmond, F. J .....	Potts, J. M.....
Castleman, L .....	Springle, J. A .....
Morrow, C.....	Irwin, W. T.....
Kerr, N .....	McMartin, D. R.....
Mackinnon, G. W.....	

The following have passed in Histology :

Aborn, W. H.	Hubbard, O. H.	McKinnon, G. W.
Baer, D. C.	Hewitt, J.	McCarthy, J. G.
Berry, A. P.	Irwin, W. T.	Orr, A. E.
Bradley, W. J.	Kerr, N.	Orr, J. E.
Cameron, K.	Kennedy, J. H.	Park, J. C.
Castleman, A. L.	Kendall, H. E.	Potts, J.
Conroy, C. P.	Kincaid, R. J.	Pothier, C. J.
Davis, A. W.	Kincaid, P. M.	Porter, J. A.
Deacon, J. D.	Kirkpatrick, E. A.	Quance, S. H.
Dennis, G. T.	Kenny, F. L.	Reavely, E.
Desmond, F. T.	Lafferty, A. M.	Robertson, A. G.
Easton, C. L.	Lang, Wm. M.	Springle, J. A.
Eleard, J.	Long, H.	Stewart, A. D.
Fritz, N. W.	Moffatt, M.	Shepherd, R. A.
Gunn, N. D.	Murray, W. N.	Telfer, W. J.
Goodwin, W. W.	Morrow, C.	Thompson, J. W.
Hopkins, H. T.	McDougall, D. T.	Vernier, H.
Holden,	McFarlane, M.	Wylde, C. F.
Hubert, P. T.	McLennan, D.	Wesley, R. A.
Hamilton, A.	McKay, H. H.	Whitmore, F. H.
Hawkins, A. C.	McMartin, D. R.	Young, E.

### MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES is awarded to Edwin G. Wood of Londesborough, Ont.

THE PRIZE FOR THE BEST FINAL EXAMINATION is awarded to Smith Gustin, London, Ont.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION is awarded Ed. J. Evans, Seaforth, Ont.

THE SUTHERLAND GOLD MEDAL is awarded to H. A. Lafleur, B.A., Montreal.

The following gentlemen, arranged in order of merit, deserve honourable mention :

In Primary Examination, H. A. Lafleur, B.A., J. A. A. Kelly, D. L. Ross, E. H. P. Blackader, R. A. Kennedy, B.A., L. F. Ross, B.A., T. J. Haythorne, B.A., R. C. Kirkpatrick, B.A., Wm. Hall and J. M. Fraser.

In the Final Examination, F. G. Finlay, H. T. Hurdmann, M. C. McGannon, T. A. D. Baird, John Elder, D. W. Eberts.

PROFESSOR'S PRIZES.

BOTANY.—Prize, T. A. Clouston.

PRACTICAL ANATOMY.—Demonstrator's Prizes : 2nd year, H. A. Lafleur, Montreal. 1st year, W. J. Bradley.

CLINICAL MEDICINE.—Junior Class : H. S. Birkett, Hamilton, Ont.

# Faculty of Medicine.

SUMMER SESSION.

1885.

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The Tenth Summer Session of the Faculty of Medicine will begin on the 13th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that nearly all the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Session there was an attendance of 65 students, including several from other schools, who are received on the same terms, and have all the advantages of regular students.

*The special advantages of attendance upon a Summer Session are:—*

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the University Maternity Hospital.
- (4) Systematic study can be carried on more effectively than at home.
- (5) The compulsory courses on Hygiene, Medical Jurisprudence and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 60 and

70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity for studying practically, under skilled direction, these important branches. At the University Dispensary there will be clinics on Gynæcology, on Diseases of Children, and on Diseases of the Skin, and of the Nervous System.

Dresserships and Clinical Clerkships may be obtained on application to the Attending Physicians and Surgeons.

*The Faculty has much pleasure in announcing the following prospectus:—*

**CLINICAL INSTRUCTION**, which will comprise:—

**A. Bedside Instruction—**

SURGERY.....	} <b>Dr. Fenwick and Dr. Shepherd.</b>
MEDICINE.....	

**B. Weekly Clinics, in the Theatre of the General Hospital on—**

1.—GENERAL SURGERY.....	} <b>Dr. Fenwick, Roddick and Shepherd.</b>
2.—GENERAL MEDICINE.....	
3.—VENEREAL DISEASES.....	<b>Dr. Roddick.</b>
4.—GYNÆCOLOGY.....	<b>Dr. Gardner.</b>
5.—DISEASES OF THE EYE AND EAR....	<b>Dr. Buller.</b>
6.—DISEASES OF THE THROAT.....	<b>Dr. Major.</b>

**C. Weekly Clinics, at the College on—**

1.—DISEASES OF CHILDREN.....	<b>Dr. Blackader.</b>
2.—DISEASES OF THE NERVOUS SYSTEM.	<b>Dr. Stewart.</b>

**D. Out-patient Clinics—**

1. At the General Hospital.

DAILY.—The Out-door Physicians and Surgeons.

2. At the University Dispensary.

Gynæcology (Tri-weekly).....	<b>Dr. Gardner.</b>
Diseases of Children, (Tri-weekly)....	<b>Dr. Blackader.</b>
Diseases of the Skin, weekly.....	<b>Dr. Shepherd.</b>
Diseases of the Nervous System bi-weekly.	<b>Dr. Stewart.</b>

3. At the Montreal Dispensary.

GENERAL SURGERY.....	<b>Dr. Sutherland.</b>
GENERAL MEDICINE.....	<b>Dr. Stewart.</b>

**E. Clinical Instruction in Obstetrics—**

At the University Maternity Hospital.

- I. THE MANAGEMENT OF CASES OF LABOR. } **Drs. Brown and C. E. Cameron.**  
 2. THE AFTER-CARE OF CASES. }

## II. PRACTICAL CLASSES—

- \*1. **Practical Chemistry.**—Same as, and may be taken in lieu of, the Winter Course, Fee, \$12.00. } **Drs. Girdwood and Ruttan.**
- \*2. **Operative Surgery.**—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00. } **Dr. Shepherd.**
3. **Operative Ophthalmology.**—This will consist in a series of demonstrations on the methods of performing the usual eye operations. } **Dr. Buller.**
4. **Anomalies of Refraction and Accommodation.**—A course of four demonstrations, giving practical illustrations of the methods of recognising and treating these conditions. } **Dr. Buller.**
5. **Practical Ophthalmoscopy.**—To consist of a series of demonstrations and practical exercises on the use of the Ophthalmoscope. } **Dr. Buller.**
6. **Obstetrical Operations and Presentations.**—A series of practical demonstrations on the cadaver or phantom. } **Drs. Brown and C. E. Cameron.**
- \*7. **The Microscope in Medicine.**—A course of twenty-four lessons. Microscopes, Reagents and Material provided. Fee, \$15. } **Dr. Wilkins.**
8. **Laryngoscopy and Rhinoscopy.**—A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope. } **Dr. Major.**
9. **Electro-Therapeutics.**—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease. } **Dr. Stewart.**
10. **Applied Anatomy—Medical and Surgical.**—Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces. } **Dr. Suther and.**
11. **Morbid Anatomy.**—Consisting of twenty demonstrations in the section-room of the General Hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations. } **Dr. R. J. B. Howard.**

12. **Minor Surgery.**—Including Bandaging, Application of Splints, Hæmostatics, Catheterism, Artificial Respiration, &c. } **Dr. R. J. B. Howard.**
13. **Clinical Chemistry.**—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically abnormal secretions, morbid products, &c., at the bedside. } **Dr. Ruttan.**

### III. LECTURES—

1. **Diseases of Children.**—Anatomical and physiological peculiarities of infancy: its hygiene and dietetics; methods of examining children; peculiarities of symptoms, diseases of infancy and childhood, with their therapeutics. } **Dr. Blackader.**
- \*2. **Hygiene.**—Lectures the same as, and may be taken in lieu of, the compulsory course in the winter Session. Fee, \$6.00. Examination at the end of the course. } **Dr. R. L. MacConnell.**
- \*3. **Medical Jurisprudence.**—Same as, and may be taken in lieu of, Winter Course. } **Dr. Wilkins.**

(The Professor of Medical Jurisprudence has consented, for this year, to give a special course, for which \$5.00 must be paid in addition to the regular fee of \$10.00.)

All students desirous of attending the above courses are expected to register their names with the Registrar *within one week* after the beginning of the Session, and to pay a *fee* of \$20 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

\* *The fee for this class is not included in the above fee of \$20 for the Summer Session.*

The Time Table will be issued on April 10th.

For further information apply to

JAMES STEWART, M.D., Registrar,  
667 Dorchester st., Montreal.

## XVII.

SESSION 1884-85.

## STUDENTS IN MEDICINE.

- Aborn, Wm. H., Goderich, O.  
 † Allan, J. H. B., Montreal, Q.  
 Armitage, J. H., Newmarket, O.  
 † Arthur, Robert H., Brighton, O.  
 Aylen, James P., Aylmer, Q.  
 Aylen, Peter, Aylmer, Q.  
 Baer, D. C., Summerfield, Ill., U.S.  
 Baird, T. A. D., Chesterfield, O.  
 Bayne, C. W., Ottawa, O.  
 Beaudry, John S., Montreal, Q.  
 Bell, J. H., Kars, O.  
 Bennett, James, Cote des Neigès, Q.  
 Berry, Richard P., Lindsay, O.  
 Berry, James A., Seely's Bay, O.  
 Birkett, H. S., Hamilton, O.  
 Blackader, E. H. P., Montreal, Q.  
 Boggs, G. W., Wolfville, N. S.  
 Boone, S. W., Fredericton, N.B.  
 Bowen, Wm., Quebec.  
 Boyd, Jay, Vankleek Hill, O.  
 Bradley, Wm. J., B.A., Ottawa, O.  
 Brunette, J. T., Cornwall, O.  
 † Burrows, Fred. N., Drayton, O.  
 Cameron, Kenneth, Montreal, Q.  
 Cameron, J. J., Lancaster, O.  
 † Cameron, D. A., Strathroy, O.  
 Campbell, Archd. W., Montreal, Q.  
 Carter, Lucius H., Picton, O.  
 Cassidy, George A., Goldstone, O.  
 Castleman, L. A., East Williamsburg, O.  
 Cattanaach, Walter, Glen Water, O.  
 Chalmers, W. W., Huntingdon, Q.  
 Christie, Wm., Lachute, Q.  
 Clarke, John L., Waterloo, Q.  
 Clouston, J. R., Leeds, O.  
 Conroy, C. P., Martintown, O.  
 † Carson, Douglas, Wootstock, O.  
 Cowie, Alex. MacA., Montreal, Q.  
 Coy, Wm. F., Kingston, O.  
 Craig, Murdoch A., Glen Water, O.  
 Crocket, W. C., B.A., Fredericton, N.B.  
 † Daly, Walter S., B.A., Ogdensburg, N.Y.  
 † Darey, J. Herbert, B.A., Montreal, Q.  
 Davis, Albert H., Glen Buell, O.  
 † Daze, Henry, Montreal, Q.  
 Deacon, John D., Pembroke, O.  
 DeCow, Douglass McG., Dresden, O.  
 Desmond, Francis J., Newcastle, N.B.  
 Dickson, James A., Montreal, Q.  
 Dickson, Horace W., Pembroke, O.  
 † Doherty, W. W., Kingston, N.B.  
 Duffett, John L., Leeds, Q.  
 Duclou, E. J. L., Montreal, Q.  
 Dyer, R. E., Montreal, Q.  
 Earl, Edgar H., Port Hope, O.  
 Easton, Charles L., Easton's Corners, O.  
 † Eberts, Duncan W., Chatham, O.  
 Edgar, Charles J., Napierville, Q.  
 † Elder, John, B.A., Huntingdon, Q.  
 Ellard, James, New Westminster, B.C.  
 Ellis, Wm. E., St. Catharines, O.  
 Evans, Edward J., Seaforth, O.  
 Evans, Wm. H., Montreal, Q.  
 Ferguson, James A., Vankleek Hill, O.  
 Ferguson, W. D. T., Cumberland, O.  
 Fillmore, E. P., Baie Verte, N.B.  
 † Finley, Fred. G., Montreal, Q.  
 Flagg, J. D., Morrisburg, O.  
 Flett, Alfred J., Winnipeg, Man.  
 Fraser, J. M., Hawkesbury, O.  
 Fritz, H. D., St. John, N.B.  
 Gairdner, Thos. M., Bayfield, O.  
 Gardner, Alex. W., Cornwall, O.  
 Gibson, James B., Cowansville, Q.  
 Girdwood, G. W. T., Montreal, Q.  
 Gladman, Geo. J., Lindsay, O.  
 Goodwin, W. W., Baie Verte, N.B.  
 Graham, John, Carp, O.  
 Grant, Andrew S., Laguerre, Q.  
 Grant, G. C. J., Kingston, Jamaica.  
 Grant, J. H. Y., Ottawa, O.  
 Greene, Thos. J., Appleton, O.  
 Greer, J. E., Dublin, Ireland  
 Groves, Wesley, Carp, O.  
 Gunne, Neil, Ailsa Craig, O.  
 † Gustin, Smith, London, O.  
 Haentschell, C. W., Pembroke, O.  
 Hall, Andrew G., Franklin Centre, Q.  
 Hall, William, Walkerton, O.  
 † Hallett, Edmund O., Truro, N. S.  
 † Hamer, Albert L., Bradford, O.  
 Hamilton, Alex., Sutton, Q.  
 Hanna, A. E., Harlem, O.  
 † Harkin, Fred. M., Vankleek Hill, O.  
 † Hawkins, A. C., Halifax, N.S.  
 Haythorne, T. J., Charlottetown, P.E.I.  
 Hewitt, James, Quebec.  
 Hill, James Edgar, Montreal, Q.  
 Holden, E. DeF., St. Armand Centre.  
 Hoare, C. W., Strathroy, O.  
 Hopkins, H. J. J., Cookshire, Q.  
 Hubbard, O. H., Gilsam, N.H., U.S.  
 Hubert, P. T. H., Harbor Breton, Nfld.  
 Hughes, P. H., Strathroy, O.  
 † Hurdman, Henry T., Aylmer, Q.  
 † Irvine, R. T., Carp, O.  
 Irwin, W. T., Pembroke, O.  
 † Johnson, H. D., Charlottetown, P.E.I.  
 Johnson, J. W., Farmersville, O.  
 Kearney, F. L., Montreal, Q.  
 Kelly, J. A. A., Durham, O.  
 Kemp, H. D., Montreal.

- Kennedy, James H., Lindsay, O.  
 Kennedy, Robert B., Cumming's Bridge, O.  
 Kendall, H. E., Sydney, C.B.  
 Kenney, F. L., St. John, Nfld.  
 Kerr, Norman, Holyrood, O.  
 Kincaid, Robert J., Fredericton, N.B.  
 Kincaid, R. M., Clarenceville, O.  
 Kinloch, John A., Montreal, Q.  
 Kirkpatrick, Robert C., Montreal, Q.  
 Kirkpatrick, E. A., Kentville, N.S.  
 †Klock, W. H., Aylmer, Q.  
 Lafferty, A. M., Perth, O.  
 Lafleur, H. A., B.A., Montreal, Q.  
 Lang, M. W., St. Mary's, O.  
 Lewis, G. T., Yarmouth, N.S.  
 Leslie, A. C., Morrisburg, O.  
 Long, C. H., Keswick Bridge, N.S.  
 Loucks, F., Stirling, O.  
 Mackay, Eugene, Ed., Papineauville, Q.  
 MacKay, Hector H., Plainfield, N.S.  
 McCollum, Ed. P., Duart, O.  
 Macdonald, Aeneas J., Morrisburg, O.  
 McDiarmid, Geo. A., Dornoch, O.  
 McDonald, A. D., Wickham, N.B.  
 McDonald, Geo., Renfrew, O.  
 McDonald, D. D., North Lancaster, O.  
 McDonald, A. L., Glendonald, O.  
 † McDonald, H. J., Alexandria, O.  
 † McCormack, Norman, Pembroke, O.  
 McCarthy, J. G., Sorel, Q.  
 McGregor, J. G., Laguerre, Q.  
 † McGannon, M. C., Prescott, O.  
 McGannon, T. G., Prescott, O.  
 MacKinnon, G. W., Summerside, P. E. I.  
 MacKay, James M., River John, N.S.  
 † McArthur, J. A., Lobo, O.  
 † McKenzie, J. T., Plainfield, O.  
 McCuaig, Wm. J., Vankleek Hill, O.  
 McDougall, D. S., Marvelville, O.  
 McKinnon, Hugh, Alexandria, O.  
 McLennan, Donald, Dunvegan, O.  
 † McMillan, D. L., Alexandria, O.  
 McFarlane, M. A., Arnprior, O.  
 † McMeekin, J. W., St. Catharines, O.  
 McMillan, Gilbert A., Dundee Centre, Q.  
 McMartin, D. R., Martintown, O.  
 McCordee, Ed. J., Dundas, O.  
 Metcalfe, F. T., Buffalo, N.Y.  
 Mignault, A. A., St. Denis, Q.  
 Miller, J. J., Halifax, N.S.  
 Morrow, Calvin, Russell, O.  
 Moffat, R., Walkerton, O.  
 Morgan, V. H., Aultsville, O.  
 Mowatt, M. Mc., Williamstown, O.  
 Norman, Telfer J., Schomberg, O.  
 Orr, A. E., Cookshire, Q.  
 Orr, J. E., Mount Elgin, O.  
 Orton, T. H., Hamilton, O.  
 Osborne, A. B., Hamilton, O.  
 Owen, J. G., Fredericton, N.B.  
 † Palmer, Guy F., Ottawa, O.  
 Park, James, Newcastle, N.B.  
 Park, Pryse C., Durham, O.  
 Parker, N. D., Hawkesbury, O.  
 Patterson, C. J., Toronto, O.  
 Platt, Alfred T., Picton, O.  
 Pomeroy, L. E. Mc., Tweed, O.  
 Poole, Alfred, Wakefield, Q.  
 Porter, James A., B.A., Kemptville, O.  
 Potts, James, Belleville, O.  
 Pothier, J. C., Woonsocket, R.I.  
 † Powell, F. H., Ottawa, O.  
 Pringle, W. R., Cornwall, O.  
 Quance, Samuel H., Elfrida, O.  
 Quirk, Ed. L., Aylmer, Q.  
 Raymond, Alfred, Moulinette, Q.  
 Raymond, G. H., B.A., Springfield, N.B.  
 Richardson, Geo. C., South March, O.  
 Reavely, E., Port Robinson, O.  
 † Robertson, Archd. McD., Brockville, O.  
 Robertson, Francis D., B.A., Lennoxville, Q.  
 Robertson, A. G., Iroquois, O.  
 Ross, D. L., Winthrop, O.  
 Ross, L. F., Montreal, Q.  
 Rowat, W. McL., Manotick, O.  
 Scully, Daniel J., Lindsay, O.  
 Schmidt, A. F., Montreal, Q.  
 Schmidt, A. J., Faribault, Minn.  
 Seery, F. J., Fredericton, N.B.  
 † Sharp, J. C., Studholm, N.B.  
 Shepherd, R. A., Barbadoes, W. I.  
 † Shibley, John L., B.A., Yarker, O.  
 Sinclair, Duncan, Guildes, O.  
 Springle, J. A., Montreal, Q.  
 Stayner, L. R., Toronto, O.  
 Stephen, Geo. C., Montreal, Q.  
 Stewart, W. G., Arundel, Q.  
 Stewart, A. L., Arundel, Q.  
 Telfer, W. J., Burgoyne, O.  
 Thompson, J. H., Gananoque, O.  
 Traphell, H. E., Harbor Grace, Nfld.  
 Turnbull, A. R., Russell, O.  
 Tupper, Freeman, Milton, N.S.  
 Vernier, H. C., Quebec, Q.  
 Warneford, Percy H., Norton, N.B.  
 Weagant, A. A., Hoasic, O.  
 Wetmore, F. H., Bloomfield, N.B.  
 Westley, R. A., Lancaster, O.  
 White, F. J., Green's Pond, Nfld.  
 White, Walter W., B.A., St. John, N.B.  
 Wilkins, H. P., Toronto, O.  
 Williams, E. P., Ottawa.  
 Williams, James F., Barrie, O.  
 † Willson, James A. K., Manotick, O.  
 Wilson, C. W., Cumberland, O.  
 † Wishart, D. J. G., B.A., Madoc, O.  
 † Wood, E. G., Londesboro, O.  
 Woodruff, Thos. N., St. Oatharines, O.  
 Worthington, A. N., Sherbrooke, Q.  
 Wylde, Charles F., Halifax, N.S.  
 Young, A. A., Barton, Vt., U.S.  
 Young, H. E., Napanee, O.

† Passed Examination for M.D., C.M., 1885.

## XVIII.

## LIST OF THE PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best examinations in the Primary and Final Branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final Branches.

The following is the list with the present addresses of the recipients :

1854. *For General Proficiency.—1st Prize.*—Robt. Craik, Montreal.  
*2nd Prize.*—Thomas Simpson, Montreal.
1855. *Thesis.*—James McG. Stevenson, Bryanston, Ont.  
*Final Examination.*—James McG. Stevenson, Bryanston, Ont.  
*Primary Examination.*—Walter J. Henry.\*
1856. *Thesis.*—Walter James Henry,\* and W. J. Jones, Prescott, O.  
*Final Examination.*—E. Laberge.\*  
*Primary Examination.*—Levi R. Church, Montreal, Q.
1857. *Thesis.*—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.  
*Final Examination.*—Levi R. Church, Montreal, Q.  
*Primary Examination.*—James Kerr.\*
1858. *Thesis.*—Timothy F. English\* and W. H. Taylor, Peterboro, O.  
*Final Examination.*—Wm. Harkin.\*  
*Primary Examination.*—Jas. J. O'Dea, Stapleton, Staten Island, N. Y.
1859. *Thesis.*—Edward W. Smith.\*  
*Final Examination.*—James J. O'Dea, Stapleton, Staten Island, New York.  
*Primary Examination.*—Henry Warren.\*
1860. *Thesis.*—J. W. Pickup, Brockville, O.  
*Final Examination.*—Henry Warren.\*  
*Primary Examination.*—Joseph M. Drake, Montreal, Q., and Fred. Sutherland.\*
1861. *Thesis.*—Joseph M. Drake, Montreal ; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.  
*Final Examination.*—Joseph M. Drake, Montreal, Q.  
*Primary Examination.*—Thomas C. Walton.
1862. *Thesis.*—R. M. Bucke, London, O.  
*Final Examination.*—John A. Stewart.\*  
*Primary Examination.*—John J. Marston, U. S. Army.
1863. *Thesis.*—Wm. C. Gustin, Detroit, Mich.  
*Final Examination.*—J. J. Marston, U. S. Army.  
*Primary Examination.*—R. A. Kennedy, Montreal, Q., and Peter A. McDougall, Ottawa, and C. F. Bullen.\*

1864. *Thesis*.—W. W. Squire.\*  
*Final Examination*.—D. Howard Harrison, St. Mary's, O.  
*Primary Examination*.—Kenneth Reid,\* New York.
1865. *Holmes Gold Medal*.—E. P. Hurd, Newburyport, Mass.  
*Final Examination*.—H. L. Vercoe, Seaforth, O.  
*Primary Examination*.—George Ross, Montreal, and W. Gardner,  
 Montreal.
1866. *Holmes Medallist*.—George Ross, M.A., Montreal, Q.  
*Final Examination*.—William Gardner, Montreal, Q.  
*Primary Examination*.—Clinton W. Kelly, Louisville, Ky.
1867. *Holmes Medallist*.—Clinton W. Kelly, Louisville, Ky.  
*Final Examination*.—C. W. Kelly, Louisville, Ky.  
*Primary Examination*.—Wm. Henry Paterson.\*
1868. *Holmes Medallist*.—T. G. Roddick, Montreal, Q.  
*Final Examination*.—T. G. Roddick, Montreal, Q.  
*Primary Examination*.—Andrew Harkness, New Lancaster, O.
1869. *Holmes Medallist*.—T. D. Lucas.\*  
*Final Examination*.—Andrew Harkness, New Lancaster, Q.  
*Primary Examination*.—Alexander A. Henderson, Ottawa, O.
1870. *Holmes Medallist*.—A. A. Henderson, Ottawa, O.  
*Final Examination*.—O. H. E. Clarke, St. Louis, Mo.  
*Primary Examination*.—J. H. Mathieson, St. Mary's, O.
1871. *Holmes Medallist*.—J. H. Mathieson, St. Mary's, O.  
*Final Examination*.—H. P. Wright, Ottawa, O.  
*Primary Examination*.—Thomas Kelly, Demarara.
1872. *Holmes Medallist*.—Hamilton Allan, Oconto, Wis.  
*Final Examination*.—G. A. Starke, Milwaukee.  
*Primary Examination*.—F. J. Shepherd, Montreal.  
*Special Prize for Thesis*.—W. Osler, Montreal.
1873. *Holmes Medallist*.—Thomas Kelly, Demarara.  
*Final Examination*.—D. A. Alguire, Cornwall, Ont.  
*Primary Examination*.—J. D. Cline, B.A.\*
1874. *Holmes Medallist*.—J. D. Cline, B.A.\*  
*Final Examination*.—J. C. Cameron, Montreal.  
*Primary Examination*.—Simon J. Tunstall, B.A., Lytton, B.C.
1875. *Holmes Medallist*.—S. J. Tunstall, B.A., Lytton, B.C.  
*Final Examination*.—J. B. Benson, Chatham, N.B.  
*Primary Examination*.—C. S. Murray, B.A.\*
1876. *Holmes Medallist*.—Robt. H. W. Powell, Ottawa, O.  
*Final Examination*.—Chas. Murray, B.A.\*  
*Primary Examination*.—Alex. C. Frazer, Manitowoc, Wis.  
*Special Prize for Thesis*.—R. L. MacDonnell, B.A., Montreal.
1877. *Holmes Medallist*.—James Bell, Montreal, Q.  
*Final Examination*.—W. D. Oakley.

- Primary Examination.*—H. N. Vineberg, Portage La Prairie, Man.
1878. *Holmes Medallist.*—H. N. Vineberg, Portage La Prairie, Man.  
*Final Examination.*—T. W. Mills, M.A., Montreal.  
*Primary Examination.*—W. R. Sutherland, Montreal.  
*Sutherland Gold Medal.*—J. M. Lefebvre, Brockville, O.
1879. *Holmes Medallist.*—J. B. Lawford, London, Eng.  
*Final Examination.*—A. W. Imrie, Detroit.  
*Primary Examination.*—J. A. McDonald, Montreal.  
*Sutherland Gold Medal.*—W. L. Grey, Pembroke, O.
1880. *Holmes Medallist.*—J. A. McDonald, Montreal.  
*Final Examination.*—H. B. Small, Ottawa.  
*Primary Examination.*—James Ross, B.A., Dundas, O.  
*Sutherland Gold Medal.*—H. W. Thornton, B.A., Montreal.
1881. *Holmes Medallist.*—James Ross, B.A., Dundas, O.  
*Final Examination.*—John W. Ross, Cohoes, N. Y.  
*Primary Examination.*—R. J. B. Howard, B.A., Montreal.  
*Sutherland Gold Medal.*—C. E. Cameron, Montreal.
1882. *Holmes Medallist.*—R. J. B. Howard, B.A., Montreal, Q.  
*Final Examination.*—Henry V. Ogden, B.A., Milwaukee, Wis.  
*Primary Examination.*—George A. Graham, Hamilton, O.  
*Sutherland Gold Medal.*—Wyatt G. Johnston, Sherbrooke, Q.  
*Morrice Scholar.*—Wyatt G. Johnston, Sherbrooke, Q.
1883. *Holmes Medallist.*—C. E. Cameron, Montreal.  
*Final Examination.*—J. B. Loring, Sherbrooke, Q.  
*Primary Examination.*—Ed. G. Wood, Lonsdesboro, O.  
*Sutherland Gold Medal.*—R. F. Ruttan, B.A., Napanee, O.  
*Morrice Scholar.*—R. F. Ruttan, B.A., Napanee, O.
1884. *Holmes Medallist.*—Wm. A. Ferguson, Bathurst, N.B.  
*Final Examination.*—James P. McInerney, Kingston, N.B.  
*Primary Examination.*—Smith Gustin, London, Ont.  
*Sutherland Medal.*—John Elder, B.A., Huntingdon, Q.
1885. *Holmes Medallist.*—Edwin G. Wood, Lonsdesboro, O.  
*Final Examination.*—Smith Gustin, London, Ont.  
*Primary Examination.*—Ed. J. Evans, Seaforth, Ont.  
*Sutherland Medal.*—H. A. Lafleur, Montreal, Q.

## HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must become *registered*. In all the provinces of the Dominion, except Ontario, the possession of a degree in Medicine from a recognized university entitles the holder to register. In *Quebec*, graduates of the universities of the province must appear in person at the May or September meeting of the Board, present their diplomas and swear to them. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a University outside the Province of Quebec can register without further examination. In some cases the additional test has been enforced. In *Ontario*, unless a registered practitioner of Great Britain, the examination of the college of physicians and surgeons of the Province must be passed before registration. The examination is held every spring. In *Nova Scotia, New Brunswick, Manitoba*, the provincial boards accept the degrees of Canadian Universities without examination. *Prince Edward Island* and *British Columbia* have as yet no Medical Boards. In most of the *West India Islands* certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States now Medical Boards exist, similar to those in our Provinces, and the degree must be registered before a license to practice is obtained. The custom varies in different States.

In *Great Britain* no colonial or foreign degrees are registerable, except in the case of the University of Melbourne and of holders of Colonial degrees prior to 1850. To register, the examination of one of the numerous licensing Boards must be passed.

A Graduate in Medicine of an American College in order to register in any of the Provinces of the Dominion, must (*a*) unless the holder of an Academical Degree pass the Matriculation examination of the Board (*b*) attend some one of the Medical Schools in order to complete the curriculum required by the Boards and (*c*) pass the professional examination.

## DOCTORS IN MEDICINE.

Addison, Jas. L.,	St. George, O	1884	*Braithwaite, Francis H.,		1863
*Adsets, John,		1866	Brandon, John,	Ancaster, O	1867
Alexander, Robert A.,	Grimsby, O	1871	Breslin, William I.,	46th Regiment	1847
Alguire, Duncan O.,	Cornwall, O	1873	Brigham, Josiah S.,	Philipsburg, Q	1848
Allard, Emery,	Belœil, Q	1866	Brissette, Henry R.,	Lowell, Mass	1871
†Allan, Hamilton,	Oconto, Wis	1872	*Bristol, Amos S.,	Napanee, O	1850
Allan, J. H. B.,	Montreal	1885	Brodeur, Alphonse,	Roxton Falls, Q	1863
Allen, C. E.,	East Farnham, Q	1883	Brodie, John,	Honolulu, Sdwh Isl	1877
Alloway, Thomas Johnson,	Montreal	1869	Brooks, Samuel T.,	St Johnsbury, Vt	1851
Anderson, Alex.,	Med. Dept. Indian Army	1866	*Brouse, William H.,		1847
		1865	Brouse, Jacob E.,	Brockville, O	1861
*Anderson, John C.,		1865	Brossard, J. B. J.,	Laprairie, Q	1875
Archer, Ths.,	Wandsworth, Eng	1869	Brown, Thos. L.,	Melbourne, Q	1881
Ardagh, Johnson,	Orillia, O	1869	Brown, J. L.,	Plattsville, O	1879
Armstrong, Geo. E.,	Montreal	1877	Brown, Peter E.,	Ste Anne de Belle-	
*Arnoldi, Daniel [Hon],		1847		vue, Q	1863
Arthur, R. H.,	Brighton, O	1862	Brown, Harry,	405 W. Washington St., Chicago	1873
Atkinson, Robert,		1862			1882
Ault, Alexander,	Ochokosh, Wis	1860	Brown, Chs. O.,		1882
Ault, Charles,	Montreal	1855	Browne, Arthur A. B.A.,	Montreal	1872
*Ault, James F.,		1855	Bruneau, Adolphe,	Sorel, Q	1853
Ault, Edwin D.,	Aultsville, O	1868	*Bruneau, Olivier T. [Hon],		1843
Austin, Fred. John,	Sherbrooke, Q	1862	*Bruneau, Onesime,		1851
Ayer, N., M.A.,	Sackville, N.B	1880	Bryson, William G.,	Fenelon Falls, O	1867
Aylen, John,	Aylmer, Q	1857	Bucke, Richard Maurice,	London, O	1862
Aylen, James,	Aylmer, Q	1863	*Bucke, Edward H.,		1852
Backhouse, J. B.,	Braidwood, Ill	1870	*Buckle, John M. C.,		1869
Bain, D. S. E.,	Staff Surgeon Maj.	1868	Buckle, William P.,	Prescott, O	1870
Bain, Hugh U.,	Prince Albert, Man	1875	Bull, George J.,	Colorado Springs, Col.	1869
Baird, James G.,	Pakenham, O	1870	*Bullen, Charles F.,		1864
Baird, T. A. D.,	Chesterfield, O	1885	Buller, Frank,	Montreal	1879
Baker, Albert,	Dawlish Devon,	1848	Burgess, J. A.,	Listowell, O	1866
Barclay, George,	Parkhill, O	1870	Burch, B. F.,	Walla Walla, Walsh Ter	1868
*Barnston, James [ad. eun],		1856	*Burland, John H.,		1863
Barrett, Jos. A.,	Fenaghvale, O	1884	Burland, Samuel C.,	Chester, Penn	1877
Battersby, Charles,	Port Dover, O	1861	Burland, William B.,	Montreal	1872
Baynes, Donald, M.A.,	London, Eng	1875	Burland, William H.,	Montreal	1875
Baynes, Geo. Aylmer,	Winnipeg, Man	1869	Burland, Benj. W.,	Mineville, N Y	1882
Beatty, D.,	Richmond, Carit. Co., O	1862	Burrows, F. N.,	Drayton, O	1885
*Beaudet, Alfred,		1865	Burrows, Philip P.,	Lindsay, O	1866
Beaudry, Louis B.,	St. Cesaire, Q	1871	*Burnham, Robert Wilkins,		1869
Beckstead, M.,	Lisbon Centre, St Law. Co. N.Y	1878	*Burns, Alfred J.,		1854
†Bell, James,	Montreal	1877	Burritt, Horatio C.,	Toronto, O	1863
*Bell, John, M.A.,		1866	Burwash, Henry J.,	Minneapolis, Minn	1871
Bell, Robert, C.E.,	Ottawa	1878	*Butler, George C.,		1865
Bell, Robert W.,	Peterboro, O	1873	Butler, Billa F.,	Stirling, O	1879
Belleau, Alfred,	Quebec	1862	*Buxton, John N.,		1849
*Bergeron, Joseph,		1870	Cahalan, James,	Wyandotte, Mich	1880
Bergin, Darby,	Cornwall, O	1847	†Cameron, Chas. E.,	Montreal	1883
Bessey, William E.,	Montreal	1863	Cameron D. A.,	Strathroy	1885
Bender, Prosper,	Boston, Mass	1865	Cameron, Paul,	Alexandria, O	1881
Benson, Joseph B.,	Chatham, N. B	1875	Cameron, Duncan H.,	Emerson, Man	1877
*Bibaud, Jean G.,		1848	Cameron, James C.,	Montreal	1874
Blackader, Alex. D.,	B.A., Montreal	1871	Cameron, John D.,	Norway, Mich	1878
Blacklock, John J.,	Chesterville, O	1851	*Campbell, Donald Peter,		1860
*Blanchet, J. B.,		1863	Campbell, Francis Wayland,	Montreal	1860
Blair, Robt. C.,	Three Rivers, Q	1865	*Campbell, G. W.,	M.A., [ad eun],	1843
*Bligh, John W.,		1865	Campbell, J.,	New Zealand	1876
Bogart, Irvine D.,	Mene, O	1859	*Campbell, Samuel,		1866
*Bomberry, Geo. E.,		1875	Campbell, John,	Seaforth, O	1869
Bonesteel, S. A.,	Colombus, Neb	1881	Campbell, Lorne,	London, Eng	1882
Boulter, George H.,	Stirling, O	1852	Cannon, Gilbert,	Almonte, O	1877
Bowser, J. C.,	Kingston, N B	1883	Carmichael, D. A.,	Mar. Hosp. Serv. Cairo, Ill	1873
*Boyer, Louis,		1842	Carey, Augur D. L. [ad eun],		1864
*Boylan, Andrew A.,		1857	Carman, Philip E.,	Detroit, Minn	1879
Boyle, Albert D.,	Carbonear, Nfld	1877	Carman, John B.,	Detroit, Minn	1879
*Bowman, William E.,		1860	Cassidy, David M.,	Med. Supt. County Asylm, Lancaster, Eng	1867
Bower, Silas J.,	Waddington, N Y	1865	Cassidy, Geo. A.,	Goldstone, O	1885
*Bradley, William,		1869			

Cassady, John F.,	Goderich, O	1865	Cram, Daniel C.,	Lawrence, Kan	1872
*Carroll, Robert W. W.,		1859	*Crawford, James [ad eun].		1854
Carruthers, Geo.,	North Bedeque, PEI	1883	Crichton, Stuart,	Sonora, Cal	1865
Carson, J. H.,	Lake Park, Minn	1881	Crothers, William,	Stanbridge, Q	1876
*Carson, Augustus,		1843	*Culvers, Joseph B.,		1848
Carter, Samuel A.,	Meadow Vale, O	1859	*Cuninghame, W. C. Thurlow		1858
Case, W. Hermanus,	Hamilton, O	1879	Cutter, Frederick A.,	Sutton, Q	1873
Dasgrain, Charles E.,	Windsor, O	1851	Daly, Guy D. F.,		1868
Cattanach, Andrew J.,	Denver, Col	1871	Daly, Walter S.,	Ogdensburg, U S	1885
Cattanach, Angus M.,	Dalhousie Mills, O	1882	*Dansereau, Charles,		1842
Chagnon, Vincelaus G. B.,	Fall River, Mass	1861	Dansereau, Charles,		1869
			*Dansereau, Pierre,		1835
*Chaliner, Francis		1849	Davis, Thomas B.,	Chelsea, Q	1884
Cherry, William,	Toledo, Ohio	1869	Davignon, F. F.,	Leadville, Col	1871
*Chesley, George Ashbold,		1862	Dawson, R. B. A.,	Montreal	1882
Chevalier, Gustave,	Bedford, Q	1860	Daze, Henri,	Montreal	1885
Chevalier, Napoleon E.,	Iberville, Q	1873	Dearden, G. A.,	Victoria, B C	1882
Chipman, C. J. H., B.A.,	Ottawa, O	1868	*Dease, Peter Warren		1847
*Chisholm, Alex.,	Alexandria, O	1878	DeBonal, C. S.,	Berthier en haut, Q	1862
Chisholm, Murdoch,	Bay Roberts, Nfld	1879	DeBoucherville, Charles B.,	Quebec	1843
Christie, George H.,	Lachute, Q	1872	DeGrosbois, T. B.,	Roxton Falls, Q	1868
Christie, John B.,	Palaluma, Son Co., Cal	1865	Demorest, B. G. G.,	Stirling, O	1852
			Derby, W. J.,	Rockland, O	1882
Christie, Thomas,	Lachute, Q	1848	*Desaulniers, Antoine A.,		1863
Christie, John H., B.A.,	833 W 22nd St., Chicago	1875	*Decelles, Charles D.,		1841
		1882	Dibblee, G. O.,	Moor's Mills, N B	1880
Christie, Edmund,	Chicago	1862	*Dice, George,		1864
*Church, Charles H.,		1862	*Dick, James R.,		1842
Church, Clarence R.,	Ottawa	1868	*Dickinson, James S.,		1846
Church, Collier M.,	Aylmer, Q	1855	*Dickson, George,		1868
Church, F. W.,	Aylmer, Q	1880	Dickson, William W.,	Pembroke, O	1863
Church, Levi R.,	Montreal	1857	Digby, F. Winniett,	Brantford, O	1863
Church, Mills K.,	Merrickville, O	1864	*Dodd, John,		1864
*Church, Peter H.,		1846	Doherty, W. W.,	Kingston, N B	1885
Clarke, Hy. J.,	Winnipeg, Man	1881	Donnelly, C. H.,	Waresville, Texas	1860
Clarke, Octavius H. E.,	St. Louis, Mo	1870	*Dorion, Severe		1843
Clarke, Wallace, B.A.,	Utica, N. Y	1871	*Dorland, Enoch G.		1890
Clarke, Henry J.,	Pembina, Dakota	1884	Dorland, James,	Milwaukee, Wis	1875
Clarke, Richard A.,	Oakville, O	1870	Dougan, Wm.,	St Catharines, O	1867
Clarke, F. G. B.,	Fordwych Rd Kilburn, London, Eng	1876	Douglass, James [Hon]		1847
	Port Hope, O	1867	Dowling, John F.,	Egansville, O	1875
Clemesha, John W.,	St. Guillaume, Q	1866	Drake, Joseph M.,	Abbottsford, Q	1861
Clement, Victor A.,		1874	Dubuc, Charlemagne,	Montreal	1864
*Cline, John D., B.A.,		1874	*Ducket, Stephen,	Montreal	1839
Cliness, Daniel,	Nanaimo, BC	1870	Duckett, William A.,	St Sebastian, Q	1865
Codd, Alfred,	Winnipeg, Man	1865	Dufort, Thadee A.,	Hull, Q	1860
*Collins, Charles W.,		1869	Duhamel, Louis		1866
Collison, R.,	Norfolk, St Law Co., N Y	1878	Duncan, George, Fareham, Hants Eng		1866
Colquhoun, George,	Iroquois, O	1876	Duncan, Gedeon M.,	Bathurst, N B	1871
Comeau, John B.,	St David, Q	1870	Duncan, George C.,	London, Eng	1875
Cook, Guy R., B.A.,	Louisville, N Y	1876	Duncan, James S.,	Surg. Mag. Army	1858
Cook, Hermon L.,	Napanee, O	1854	*Duncan, John,		1871
Cook, Sheldon E.,	Aultsville, O	1884	Duncan, John A.,	120 3rd Street, Troy, N Y	1884
Cooke, Charles H.,	Toronto, O	1866			
Cooke, Sydney P.,	Hull, Q	1869	Duncan, W. T.,	Fergus Falls, Minn	1882
Cooke, W. H.,	Wolfston, Q	1876	Dunlop, H. A.,	Crookston, Minn	1882
Copeland, William L.,	Chicago	1872	*Dunn, William Oscar,		1843
*Corbett, A. P. M.,		1854	Dunsmore, John M.,		1870
Corbett, William H.,	Brig. Surg Army Med Dept	1854	Dupuis, Joseph B.,	Clarenceville, Q	1856
	St. Thomas, O	1869	Easton, John,	Brockville, O	1852
Corlis, Josiah,	Morristown, O	1881	Eberle, Harry A.,	Kansas City, Mo	1876
Cormack, Wm.,		1869	Eberts, D. W.,	Montreal	1885
*Corson, John,	Woodstock, O	1885	Edwards, Eliphalet G.,	London, O	1855
Corson, Douglas,	Cowansville, Q	1877	Edwards, J. S.,	London, O	1880
Cotton, C. L.,	Ottawa, O	1882	Edwards, Oliver C.,	Qu'appelle, N.W.T	1873
Cousins, W. C.,		1870	Elder, John B. A.,	Huntingdon, Q	1885
*Cowley Thomas McJ.,	Granby, Q	1880	Elderkin, Edwin J.,	Avondale,	
Cowley, D. K.,	Charlottetown, P E I	1866		Hants Co., N S	1884
Cox, Frank,	Sorel, Q	1876	Elkinton, A. G.,	Surg. Maj Gren.	
Coyle, Henry W.,	Capay, Cal	1876		Guards	1862
Craig, Thornton,	Montreal	1854	Ellison, S. R.,	268 W 43rd St N Y	1873
Craik, Robert,			Emery, Gordon J.,	Minneapolis, Minn	1857

- \* English, T. F., 1858  
 \* Erskine, John, 1860  
 \* Ethier, Calixte, 1867  
 Evans, Griffith, St Eugene, Q
- Ewing, William, 1864  
 Falkner, Alexander, Hawkesbury, O  
 Falls, Samuel K., Lancaster, O  
 Farewell, G. McGill, Chicago 1875  
 Farewell, W. G., Princeton, O 1872  
 Farley, James T., Oshawa, O 1868  
 Farley, John J., Fremont Centre, Mich 1877  
 Faulkner, George W., Belleville, O 1873  
 Faulkner, D. W., Stirling, O 1871  
 Feader, H. C., Foxboro, O 1878  
 Feilde, E. C., Chicago, Ill 1881  
 Fenwick, George E., Prescott, O 1881  
 Fergusson, A. A., Montreal 1847  
 Fergusson, Alex. R., Franklin Centre, Q 1864  
 Fergusson, Wm. A., Dalhousie Mills, O 1866  
 Finlay, F. G., Montreal 1885  
 \* Finlayson, John, Montreal 1834  
 Finnie, John T., Montreal 1866  
 \* Fisher, John, 1847  
 \* Fitzgerald, James, 1865  
 Fortier, Louis A., St David, Q 1878  
 Fortin, Pierre, Montreal 1845  
 Fortune, Lewis M., Huntingdon, Q 1873  
 \* Foster, Stephen Sewell, 1846  
 Fraleigh, William S., Gananoque, O 1869  
 Fraser, H. D., Perth, O 1881  
 Fraser, Alex. C., Manitowoc, Wis 1877  
 \* Fraser William, 1836  
 Fraser, William H., 1867  
 Fraser, Donald M., Stratford, O 1869  
 Fraser, Donald, Chicago, Ill 1868  
 Fraser, J. R., Medicago, O 1878  
 Freeman, C. M., Cape Sable Isl., N S 1871  
 Fuller, W., Grand Rapids, Mich 1866  
 Fuller, H. LeRoy, B.A., Sweetsburg, Q 1877  
 Fulton, James H., Montreal 1863  
 Gale, Hugh, Bad Axe, Mich 1882  
 \* Garvey, Joseph, 1852  
 Gardner, H. H., San Francisco, Cal 1878  
 Gardner, John J., Montreal 1883  
 Gardner, Matthew, Sacramento, Cal 1871  
 Gardner, William, Montreal 1867  
 \* Gascoigne, Geo. E., 1861  
 Gaviller, Edwin A., Hamilton, O 1873  
 \* Gauvreau, Elzeur, 1855  
 \* Gauvreau, Lewis H., 1830  
 Gendron, Thomas, St Raymond, Q 1866  
 Gernon, George W., Marieville, Q 1872  
 \* Gibb, George D., 1846  
 Gibson, John B., Cowansville, Q 1855  
 Gibson, W. B., Dunham, Q 1878  
 \* Gibson, Edward B., 1864  
 Gilbert, Henry L., Sherbrooke, Q 1875  
 Gillis, John A. F., Summerside, P E I 1877  
 Gillies, John, Teeswater, O 1867  
 Gilmour, Angus A., Modesta, Cal 1868  
 \* Giroux, Philippe, 1859  
 Girdwood, Gilbert P., Montreal 1865  
 Glen, C. W. E., Chambly, Q 1858  
 Godfrey, Robert, Montreal 1844  
 Godfrey, Abraham C., Freemantle, Southampton, Eng 1865  
 \* Goodhue, P. J., 1875  
 Goforth, Franklin, Runcorn, Ches., Eng 1863  
 Gooding, Chs. E., St. Philip Barbadoes, W I 1884  
 Gordon, C. M., Aylwin, O 1881
- Gordon, Robert, Arlington, Ill 1868  
 \* Gordon, W. W., 1863  
 Graham, Charles E., Hull, Q 1865  
 Graham, George A., Montreal 1884  
 \* Graham, Henry, 1863  
 Graham, Kenneth D., Ottawa, O 1875  
 Grant, Donald J., Woodbridge, O 1863  
 Grant, James A., Ottawa, O 1854  
 Grant, Jas. A., B.A., Ottawa, O 1882  
 Grant, William, Perth, O 1867  
 Gray, John S., Winnipeg, Man 1876  
 Gray, Thomas, Paisley, O 1879  
 Gray, James, Montreal 1883  
 Gray, W. L., Pembroke, O 1881  
 Greaves, Henry C., Barbadoes 1877  
 Greenwood, F. S., St Catharines, O 1878  
 Greer, T. A., C. SS. Minia, Halifax, N S 1876  
 \* Grenier, L. P. A., 1863  
 Groves, George H., Carp, O 1879  
 Guerin, James J. E., Montreal 1878  
 Guest, Thomas F., St Mary's, O 1873  
 Gunn, James, Durham, Co. Grey, O 1861  
 Gurd, David F., Montreal 1879  
 Gustin, Smith, Montreal 1885  
 Gustin, Wm. Claud, Detroit, Mich 1863  
 Hagarty, Dan. M. J., Portage la Prairie, Manitoba 1866  
 \* Hall, Archibald, [ad eum] 1848  
 \* Hall, James B., 1866  
 \* Hall, J. W., 1848  
 Hallett, E. O., Truro, N S 1885  
 Halliday, James T., Peterboro, O 1865  
 \* Hamilton, Andrew W., 1859  
 Hamilton, Charles S., Demorestville, O 1868  
 Hamilton, John R., Stratford, O 1871  
 \* Hamilton, Rufus F., 1861  
 Hamel, Joseph A., Murray Bay, Q 1856  
 Hammond, J. H., Montreal 1869  
 Hanna, A. E., Harlem, O 1885  
 Hannah, Franklin, Lansdowne, O 1879  
 Hanover, William, Seaforth, O 1875  
 Hanvey, C. J. B., Yale, B C 1883  
 Harkin, F. McD., Vankleek Hill, O 1885  
 Hart, F. W., St Martinville, La 1835  
 Harvie, J. B., 575 1st St. Troy, N Y 1881  
 Harvey, Wm. A., Harriston, O 1874  
 \* Harding, F. W., 1868  
 Harkin, Henry, 1867  
 \* Harkin, William, 1853  
 Harkness, John, Dickinson's Corners, O 1862  
 Harkness, Andrew, New Lancaster, O 1869  
 Harrison, David H., St Mary's, O 1864  
 Harrison, H. J., Moulinette, O 1883  
 Hart, George C., Prescott, O 1879  
 Hannington, E. B. C., Yale, B C 1875  
 Hawkins, A. C., Halifax N S 1885  
 Hayes, James, Simcoe, O 1866  
 Heard, C. DeW., Charlottetown, P E I 1880  
 Hebert, P Zoticque, Whitehall, N Y 1873  
 † Henderson, Alex. A., Ottawa, O 1870  
 Henderson, E. G., 1874  
 \* Henderson, Peter, A.M., Calgary, N W T 1880  
 Henderson, Andrew, 1848  
 \* Henry, Walter [Hon.], 1853  
 \* Henry, Walter J., 1856  
 Henry, Wm. G., C.P.R. Mattawa, O 1883  
 Henwood, Alfred J., Brantford, O 1879  
 \* Hervey, Jonas J., 1866  
 Hethrington, Harry, Hatley, Q 1872  
 Heyd, H. E., Buffalo, N Y 1881  
 Hickey, Charles E., Morrisburg, O 1866  
 Hickey, Samuel A., B.A., Auttsville, O 1874

- Higginson, H. A., Winnipeg, Man 1881  
 Hills, Joseph, Woonsocket, R I 1873  
 Hingston, W. H., Montreal 1851  
 Hockridge, Thos. G., London, Eng 1874  
 \* Holden, Rufus, 1844  
 Holwell, John, Kingston, Jamaica 1868  
 \* Holmes, Andrew F., [ad eun] 1843  
 Hopkins, Alfred J., Cookshire, Q 1883  
 Houston, D. W., Cohoes, N Y 1881  
 Howard, James, Lachine, Q 1867  
 Howard, Robert, St. John's, Q 1872  
 Howard, R. Palmer, Montreal 1848  
 † Howard, R. J. B., B.A., Montreal 1882  
 Howden, Robert T., Winnipeg, Man 1857  
 Howey, W. H., C.P.R. Matawan, O 1878  
 Howitt, Wm. H., Toronto, O 1870  
 Howland, Francis L., Huntsville, O 1867  
 Hulbert, E. Augustus, Brooklyn, N Y 1860  
 Hume, William L., Leeds, Q 1875  
 \* Hunt, J. J., Williamstown, O 1881  
 Hunt, Henry, Surg. Maj. Army, Med Dept. 1869  
 Hunt, J. H., Sheffield, Eng 1871  
 † Hurd, Ed. P., Newburyport, Mass 1865  
 Hurdman, Benj. F. W., Inverness, Q 1882  
 Hurdman, H. T., Aylmer, Q 1885  
 Hurlbert, George W., Thornbury, O 1850  
 Hurlbert, Richard W., Mitchell, O 1873  
 Hutchinson, John A., Bluevale, O 1878  
 Hutchison, Jas. A., Montreal 1884  
 Imrie, A. W., Detroit, Mich 1879  
 Inkssetter, D. G., Copetown, O 1880  
 Irvine, James C., Liverpool, Eng 1866  
 Irvine, R. T., Carp, O 1885  
 Irwin, J. L., 205 E Ohio St Chicago 1879  
 Ives, Eli, Coaticooke, Q 1863  
 \* Jackson, A. T., 1846  
 Jackson, Wm. Fred., Brockville, O 1873  
 Jackson, Joseph A., Manchester, N H 1879  
 \* Jamieson, Alex., B.A., 1877  
 Jamieson, Thos. A., 1875  
 Jamieson, Chas. J., Winnipeg, Man 1879  
 Johnson, C. H., Austin, Minn 1884  
 Johnson, H. D., Charlottetown, P E I 1885  
 Johnson, James B., London, Eng 1876  
 Johnson, J. C., Surg. Maj. Army 1867  
 Johnson, J. R., Spring Valley, Minn 1883  
 Johnston, Thomas G., Sarnia O 1871  
 Johnston, W. G., Sherbrooke, Q 1884  
 Jones, Charles R., Hatley, Q 1874  
 Jones George N., Burlington, Iowa 1874  
 \* Jones, Thomas W., [ad eun] 1854  
 \* Jones, Jonathan C., 1865  
 Jones, Wm. Justus, Prescott, O 1856  
 Jones, A. J. M., Wabash Av., Chicago 1873  
 Josephs, G. E., Pembroke, O 1881  
 Kearney, Wm. J., Mariposa, California 1875  
 Keeler, Wm. N., B.A., Surg. Maj., Bengal Army 1869  
 \* Keeler, Thomas, 1859  
 † Kelly, Clinton Wayne, Louisville, Ky 1867  
 Kelly, Patrick N., Rochester, Minn 1884  
 \* Kelly, Wm., 1846  
 † Kelly, Thomas, Enmore St'n, Demerara 1873  
 Kempt, William, Lindsay, O 1864  
 Kennedy, Richard A., Montreal 1864  
 \* Kerr, James, 1858  
 Killery, St John, Surg. Maj. Army 1862  
 King, Wm. M. H., St. Sylvestre, Q 1859  
 King, Reginald A. D., Compton, Q 1868  
 King, Richard, Peterboro, O 1867  
 \* Kirkpatrick, A., 1856  
 Kittson, John G., St. Paul, Minn 1869  
 Kittson, Edmund G., Winnipeg, Man 1873  
 Klock, Robert H., Bryson, Q 1882  
 Klock, W. H., Aylmer, Q 1885  
 \* Knowles, James A., 1866  
 \* Kollmyer, Alex. H., 1856  
 Laberge, Ed., St. Philomene, Q 1856  
 Landor, Thomas H., C. P. R'y., O 1884  
 Lane, John A., 1877  
 Lang, Christopher L., Kalamazoo, Mich 1876  
 Lang, W. A., New Richland, Minn 1881  
 \* Lang, Thomas D., 1866  
 Langlois, O. X., Amherstberg, O 1875  
 \* Langrell, Richard T., 1865  
 Larocque, A. B., Montreal 1847  
 Lathern, J. S., Halifax, N S 1883  
 Laurin, Edgar J., Deer Lodge, Mon 1881  
 Law, D. W. C., Bond Head, O 1863  
 Law, William K., Coleraine, Irel 1862  
 † Lawford, John B., London, Eng 1879  
 \* Lawrence, Henry J. H., 1862  
 Leavitt, Julius, Melbourne, Q 1866  
 Leclere, George, Montreal 1851  
 Leclair, Napoleon, Lancaster, O 1861  
 Lee, James C., 1858  
 \* Lee, John Rolph, 1849  
 Lefebvre, John M., Brockville, O 1879  
 Legault, D., Salaberry de Valleyfield, Q 1866  
 Lemoine, C., St. Pierre, Isle d'Orleans 1850  
 Lepailleur, Leonard, 1848  
 Leprohon, John L., Montreal 1843  
 Levi, Reuben, New York, U S 1876  
 Lindsay, Heriot, St. Johns, Q 1861  
 \* Lister, James, 1862  
 \* Lloyd, H. W., 1879  
 \* Locke, C. F. A., 1872  
 \* Logan, David D., 1842  
 Logan, Robert, Iona, Mich 1880  
 \* Logan, William, 1833  
 \* Long, Alexander, 1844  
 Longley, Edmund, 1866  
 Longpre, Pierre F., Quebec 1848  
 Loring, J. Brown, Sherbrooke, Q 1883  
 \* Loupret, Andre, 1850  
 Loux, William, Russell, O 1870  
 \* Loverin, Nelson, 1855  
 Lovett, William, Ayr, O 1876  
 \* Lucas, T. D'Arcy, 1869  
 Lunam, H., B.A., Campbellton, N B 1881  
 Lundy, E. L., Surg. Maj Army 1862  
 Lyford, Chs. C., Minneapolis, Minn 1879  
 Lyon, Arthur, Shawville, Q 1861  
 Maas, Rudolph J., Chicago, Ill 1880  
 \* MacDiarmid, John D., 1847  
 MacDonald, Angus, St. Paul, Minn 1863  
 \* Macdonald, Colin, 1853  
 MacDonald, R. T. E., Sutton, Q 1881  
 MacDonald, Roderick Aeneas, 1866  
 MacDonald, Aeneas, Stoney Mountain, Man 1874  
 MacDonnell, R. L., B.A., Ottawa 1849  
 MacFarlane, Wm., Montreal 1876  
 Macfie, James, Almonte, O 1869  
 MacIntosh, Robert, Fort Covington, N Y 1869  
 Mack, Francis, Lewis, Rapid City, N W T 1862  
 \* Mackie, J. R., Amherstburg, O 1866  
 \* Macklem, Samuel S., 1865  
 Maclean, Archibald, Sarnia, O 1859  
 \* Macnabb, Francis A. L., 1870  
 Macneil, Alex., Kensington, P E I 1883  
 McArthur, Robert D., Chicago, Ill 1867

- McArthur, John A., Port Elgin, O 1879  
 McArthur, J., Winnipeg 1885  
 McBain, John, Martintown, O 1874  
 McCallum, Duncan C., Montreal 1850  
 McCann, J. J., B.A., Hopkinton, Mass 1878  
 McCarthy, W., Chicago, Ill 1867  
 McClure, W., B.A., Montreal 1884  
 \* McConkey, T. C., 1872  
 McConnell, John B., Montreal 1873  
 \* McCord, John D., 1864  
 McCorkill, R. K. C., East Farnham, Q 1882  
 McCormack, N., Pembroke, O 1885  
 McCormick, Andrew G., Richmond, Q 1874  
 McCrimmon, Donald A., Lucknow, O 1869  
 McCrimmon, John, Kincardine, O 1878  
 McCrimmon, Milton, Palermo, O 1878  
 McCullough, George, St. Mary's, O 1879  
 \* McCullough, Michael, [Hon.] 1843  
 McCully, Oscar J. M. A., Baie Verte, N B 1879  
 McCurdy, John, Chatham, N B 1866  
 McDermid, Wm., Dunvagan, O 1875  
 McDiarmid, Donald, Athol, O 1867  
 McDiarmid, James, Hensall, O 1873  
 McDonald, Alex., Paisley, O 1883  
 McDonald, H. J., Alexandria, O 1880  
 † McDonald, John A., Montreal 1880  
 McDonald, Jos. D. A., Acton Vale, Q 1873  
 McDonald, R. C., Spencer, Iowa 1880  
 McDonald, Roderick, Cornwall, O 1834  
 McDonald, Alex. R., Trinity, Texas 1882  
 McDonnell, Alex. R., Alexandria, O 1874  
 McDonnell, Angus C., Montreal 1852  
 McDougall, Peter A., Ottawa, O 1864  
 \* McDougall, Peter A., 1847  
 McEachran, W., Winnipeg, Man 1880  
 McEwan, Findlay, Carlton Place, O 1870  
 McGannon, E. A., Lowell, Mass 1881  
 McGannon, M. C., Brockville, O 1885  
 McGarry, James, Drummondville, O 1857  
 McGeachy, William, Iona, O 1867  
 McGill, William, 1848  
 \* McGillivray, Donald, 1861  
 McGowan, Henry W., Beebe Plain, Q 1867  
 McGrath, Thomas, 1849  
 \* McGregor, Duncan, 1861  
 McGuigan, W. J., London, O 1879  
 \* McGuire, Bernard D., 1873  
 McIlmoyl, Henry A., Clayton, N Y 1876  
 McInerney, James P., Kingston, N B 1884  
 McInnes, Walter J., Victoria, O 1865  
 McIntysh, James, Vankleek Hill, O 1859  
 McIntosh, Donald J., Vankleek Hill, O 1870  
 McIntyre, Peter A., Souris, P E I 1867  
 McKelcan, George Lloyd, Hamilton, O 1860  
 McKenzie, J. T., Plainfield, O 1885  
 McKenzie, B. E., B.A., Kingston Road, Toronto, O 1880  
 McKenzie, K. A. J., Portland, Oregon 1881  
 McKay, John, Woodville, O 1869  
 McKay, Walter, Courtland, O 1854  
 McKinley, John K., Bristol, O 1878  
 McLaren, Peter, Brudenell, P E I 1869  
 McLaren, Peter, Paisley, O 1861  
 McLaren, Peter, Ormstown, Q 1872  
 McLaren, D. C., B.A., Montreal 1880  
 \* McLean, Alexander, 1860  
 McLean, J. W., Point Hastings, N S 1883  
 McLean, Thos. N., Fergus Falls, Minn 1882  
 McLean, J. M., B.A., Pictou, N S 1884  
 McLellan, Jas. H., Summerside, P E I 1884  
 \* McLeod, Arch., B.A., New Westminster, B C 1883  
 McLeod, James, Charlottetown, P E I 1873  
 McMeekin, J. W., St. Catharines, O 1885  
 McMicking, George, Goderich, O 1857  
 McMillan, Aeneas J., Manitow, Col 1874  
 McMillan, D. L., Alexandria, O 1885  
 McMillan, Louis J. A., Mansonville, Q 1860  
 McMillan, John, Pictou, N S 1857  
 McMurray, Samuel, 1841  
 \* McNaughton, E. P., Rosemount, O 1834  
 McNece, Stewart, 1869  
 McNece, James, 1869  
 McNeil, Ernest, Vermont River, P E I 1870  
 McNulty, M., Brashers Falls, N Y 1880  
 McQuillen, James, Marquette, Mich 1874  
 \* McRae, George, 1876  
 McTaggart, Alexander, London, O 1860  
 \* McVean, John M., 1865  
 Madill, John, Alliston, O 1867  
 Maher, J. J. E., Yew York 1883  
 Major, George W., B.A., Montreal 1871  
 Malcolm, John Rolph, Scotland, O 1861  
 \* Malhot, Alfred, 1846  
 Malloch, Edward C., Ottawa, O 1863  
 \* Malloch, William B., 1867  
 Mallory, Albert E., Warkworth, O 1872  
 Marceau, Louis T., Napierville, Q 1872  
 Markell, Richard S., Cloverdale, Cal 1867  
 \* Marr, Israel P., 1849  
 Marr, Walter H., W 33rd St. N. York 1859  
 Marston, Alonzo W., Hull, Q 1871  
 Marston, John J., U. S. Army 1863  
 Martel, Ovide, Montreal 1883  
 Mason, J. L., M.A., Brailsford, Derby, Eng. 1863  
 Mattice, Rich. J., Cornwall, O 1875  
 † Mathieson, John H., St. Mary's, O 1871  
 \* Mathieson, Neil, 1870  
 Mayrand, William, St. Andrews, Q 1847  
 Meahan, J. C., Bathurst, N B 1884  
 Meane, John, Staff Srg. Maj. Army 1869  
 Meek, Jas. A., 20 W. 25th St. New York 1875  
 \* Meigs, Malcolm R., 1865  
 Menzies, John B., Ft. Gratiot, Mich 1879  
 \* Meredith, Thomas L. B., 1842  
 Merritt, D. P., B.A., Fitzroy Harbor, O 1884  
 Metcalfe, Henry J., Thurso, Q 1876  
 Mewburn, F. H., Winnipeg, Man 1881  
 Mignault, Henri A., St. Denis, Q 1860  
 Mignault, L. D., B.A., Montreal 1880  
 Milles, R., Surg. N. W. Mounted Police, Battleford, N W T 1870  
 Mills, Thos. W., M.A., Montreal 1878  
 Miner, Frank L., Abercorn, Q 1877  
 \* Mines, William W., 1874  
 Mitchell, Fred. H., Winnipeg, Man 1878  
 Moffatt, John Edw., Staff Surg. Army 1861  
 Moffat, Walter, Pensacola, Fla 1852  
 Molson, Wm. A., Montreal 1874  
 Mongenais, Napoleon, Rigaud, Q 1865  
 Monk, George H., Dillontown, O 1875  
 Moore, Charles S., London, O 1874  
 Moore, Jehiel T., Tilsburg, O 1874  
 Moore, Joseph, 1852  
 Moore, Richard, 1853  
 Moore, Robert C., St. Paul, Minn 1869  
 Moore, William, Algonac, Mich 1881  
 \* Morin, Josh. [Hon.], 1859  
 \* Morrison, David K., 1869  
 Morrison, John, M.A., Waddington, N Y 1872  
 Mount, John W., Montreal 1851  
 Munro, Alexander, Montreal 1876  
 Munro, James T., Dominionville, O 1872

Muckey, F. S.,	Medford, Minn	1883	Powell, Newton W.,	Cobourg, O	1850
* Murray, Charles H.,	B.A.,	1876	† Powell, Robert H. W.,	Ottawa, O	1876
Musgrove, W. J.,	W. Winchester, O	1882	Powers, George W.,	Eaton Cor., Q	1861
Neilson, W. J.,	Winnipeg, Man	1878	Powers, Lafontaine B.,	Port Hope, O	1867
Nelles, J. M.,	Canton, Ill	1875	Pringle, George,	Cornwall, O	1855
Nelles, John A.,	London, O	1850	Pringle, A. F.,	Northfield, Minn	1880
* Nelson, Horace,		1851	Prosser, Wm. O.,	Le Mars, Ply Co. Iowa	1874
* Nelson, Wolfred [Hon.]		1848	Proudfoot, John S.,	Susp'on Bridge, O	1868
Nelson, Wolfred D. E.,	Panama, C A	1872	Proudfoot, Alex.,	Montreal	1869
Nelson, W. M. F.,	Montreal	1884	Proulx, Phileas,	Montreal	1844
Nesbitt, James A.,	Salt Lake City, Utah	1868	*Prevost, E. Gilbert,		1859
Nicol, Wm. R.,	Watkins, N Y	1872	Pulford, F. W.,	Stonewall, Man	1880
* Nicholls, Chs. R.,		1862	*Quarry, James J.,		1868
Norton, Thomas,	Horning's Mills, O	1874	*Quesnel, Jules M.,		1849
Oakley, Wm. D.,	Streetsville, O	1877	Rae, John Hamilton [Hon],	London, Eng	1853
O'Brien, Thomas B. P.,	Srg. Maj. Army	1862	*Rainville, Pierre,		1863
O'Brien, Robert S.,	Nanaimo, B C	1873	Rambault, J.,	Dep. Insp. Gen. Army	1859
O'Brien, David,	Renfrew, O	1872	*Rattray, Charles J.,		1871
O'Brien, T. J. Pierce,	Kansas City, Mo	1882	Rattray, James C.,	Cobden, O	1874
O'Brien, Timothy,	Brudenell, O	1884	Raymond, Olivier,	Montreal	1850
O'Callagan, Cornelius H.,		1854	Read, Herbert H.,	Halifax, N S	1861
O'Callaghan, T. A.,	B.A., We'ster, Mass	1880	Redner, Horace P.,	Lonsdale, O	1864
* O'Garr, Peter,		1857	Reddick, Robert,	West Winchester, O	1874
* O'Connor, Daniel A.,		1867	Reddy, Herbert L.,	B.A., Montreal	1876
O'Dea, James J.,	Stapleton, Staten Island, N Y	1859	*Reddy, John [ad eun],		1856
Odell, William,		1849	Reed, Thomas D.,	Montreal	1871
O'Keefe, Henry,	Minto, Dakota	1882	Reed, John A.,	Sault Ste Marie, O	1871
Ogden, H. V.,	B.A., Milwaukee, Wis	1882	Reid, Alex. Peter,	Halifax, N. S	1858
O'Leary, James,	St. Pascal, Q	1866	*Reid, Kenneth,		1864
O'Leary, Patrick,	Montreal	1859	Renner, W. Scott,	Jordan Station, O	1884
Oliver, James W.,	Clifton, O	1868	Reynolds, T. W.,	Hamilton, O	1881
O'Reilly, Charles,	Toronto, O	1867	Reynold, Robert T.,	Berlin, O	1836
Osler, Wm.,	131 S. 15th St., Philadelphia	1872	*Reynolds Thomas,		1842
Palmer, G. F.,	Ottawa, O	1885	Richard, Marcel,	Manchester, N H	1864
* Padfield, Charles W.,		1868	Richmond, P.E.,	Mount Pleasant, Minn	1873
Painchaud, Edward S. L.,	Varennes, Q	1848	Ridley, Henry Thomas,	Hamilton, O	1852
Pallen, Montrose A.,	New York	1864	*Rielle, Etienne R. E.,		1857
Palmer, Loran L.,	Toronto, O	1866	Riley, Oscar H.,	Moer's Forks, Clinton Co., N Y	1879
* Paquin, Jean M.,		1843	Rinfret, Ferdinand R.,	Quebec	1868
* Paradis, Henri		1846	*Rintoul, David M.,		1854
* Paradis, Pierre E.,		1867	Richardson, John R.,	Archer av., Chicago	1865
* Park, George A.,	Quebec	1877	Riordan, B. L.,	Toronto, O	1880
Parke, Charles S.,	Canton, Mass	1866	Ritchie, Arthur F.,	B.A., Duluth, Minn	1876
Parker, Rufus S.,		1855	Ritchie, John L.,	Army Med. Dept.	1874
* Patterson, James M.,	Winnipeg, Man	1864	*Roberts, Edward T.,		1859
Paterson, James,		1858	Roberts, John E.,	B.A., Montague, Jam., WI	1867
* Pattee, George,	Plantagenet, O	1874	Robertson, A. M.,	Brockville, O	1885
* Patton, Edward K.,		1867	Robertson, James E.,	Montague, P E I	1865
Pegg, Austin J.,	Cayuga, O	1872	Robertson, David,	Milton, O	1864
Pegg, Charles H.,	Chicago, Ill	1867	Robertson, David T.,	Lennoxville, Q	1857
Perks, W. C.,	Dundas, O	1881	Robertson, Patrick,	St Andrews, Q	1867
Perrault, Victor,	St. Eustache, Q	1852	Robillard, Adolphe,	Ottawa, O	1860
Perrier, John,	Cleveland, Ohio	1868	Robinson, Stephen J.,	Brantford, O	1876
Perrigo, James, M.A.,	Montreal	1870	Robinson, Wesley,	Markham, O	1877
Perry, H. R.,	Coteau Landing, Q	1873	Robitaille, Louis,	New Carlisle, Q	1860
Phelan, C. J. R.,	Waterloo, Q	1865	Robitaille, L. T.,	Quebec	1858
Phelan, James B.,	Chicago, Ill	1874	†Roddick, Thomas G.,	Montreal	1868
* Phelan, Joseph P.,		1854	Rodger, Thomas A.,	Montreal	1869
Philip, David L.,	Brantford, O	1863	Rogers, E. J. A.,	Denver, Col	1881
Phippen, S. S. C.,	Owosso, Mich	1883	Rogers, Amos,	Ottawa, O	1874
* Picault, Chas.,		1857	Rooney, R. F.,	Auburn, Placer Co., Cal	1870
Pickup, John W.,	Brockville, O	1867	† Ross, George, M.A.,	Montreal	1866
Pinsonneault, B.,	Chicago, Ill	1880	† Ross, James, B. A.,	Dundas, O	1881
* Pinet, Alexis,		1840	Ross, G. T.,	Montreal	1880
Pinet, Alex. R.,	St Laurent, Q	1864	Ross, L. D.,	Montreal, Q	1884
Poole, H. E.,	Rossie, N Y	1880	Ross, W. K.,	Goderich, O	1883
Porteoue, Wm.,	Pembroke, O	1884	Ross, Thomas,		1863
Poussette, A. Courthope,	Sarnia, O	1860	* Ross, Henry,		1872
Powell, F. H.,	Ottawa, O	1885	Ross, William G.,	Ashburt, New Z	1871
Powell, Israel Wood,	Victoria, B C	1860			

*Ross, Wm. D.,	1875	Spear, Andrew M.,	Danville, Q	1874
Ross, J. W.,	Cohoes, N.Y.	Spencer, R.,	Brandon, Man	1879
Rowell, G. B.,	Abbotsford, Q	*Squire, William Wood, M.A.,		1869
Rugg, Henry C.,	Perth, O	Stafford, Fred. J.,	Little Bay, Nfld	1878
*Rumsey, William,		Stanton, George,	Simcoe, O	1868
Rutherford, M. C.,	Fergus Falls,	Stark, George A.,	Milwaukee, Wis	1872
	Minn	*Staunton, Andrew,		1846
Rutherford, Clarendon, M.A.,	Chicago	Stephen, William,	Montreal, Q	1881
Rutledge, And. J.,	Bayfield, O	Stevens, Alex. D.,	Dunham, Q	1857
Ruttan, Allen,	Napanee, O	Stevenson, Charles N.,	Coaticook, Q	1876
Ruttan, A. M.,	New York	Stevenson, Hans,	Wakefield, Q	1880
Ruttan, R. F.,	Montreal	Stevenson, J. M.,	Bryanston, O	1856
*Sabourin, Moise,		*Stevenson, John L.,		1855
Sampson, James [Hon],		*Stevenson, John A.,		1873
Sanderson, George W.,	Toronto, O	Stevenson, Robert A.,	Strathroy, O	1871
Savage, Thos. Y.,	Thistleton, O	Stewart, Alexander,	Palmerston, O	1872
*Savage, Alex. C.,		Stewart, Andrew,		1884
*Sawyer, James H.,		*Stewart, John Alexander,		1862
*Schmidt, Samuel B.,		Stewart, James,	Montreal, Q	1869
*Schofield, David T.,		Stewart, J. O.,		1880
Scott, John C.,	Hazeldean, Co Carl, O	Stephenson, James,	Iroquois, O	1880
Scott, Stephen A.,		Stimpson, Alfred O.,	Thompson, Pa	1868
*Scott, Wm. E.,		St. John, Leonard,	Chicago, Ill	1872
Scott, Wm. F.,	Hull, Q	Storrs, Arthur,	Mexborough, York, Eng	1876
Scott, W. McE.,	Winnipeg, Man	*Strobridge, James Gordon,		1862
*Scriven, George Augustus,		Struthers, A. D.,	Frelighsburg, Q	1881
Seager, Francis R.,	Bridgen, O	Struthers, K. B.,	Rochester, Minn	1883
Secord, Levi,	Bright, O	Stroud, Charles S.,	Norway, Benton	
Setree, Edward W.,	Heuvelton, N Y		Co., Iowa	1876
Seguin, André,	Rigaud, Q	*Sutherland, Fred. Dunbar,		1864
Senkler, A. E.,	St Paul, Minn	Sutherland, Walter,	Ormsdown, Q	1871
Serviss, T. W.,	Selina, Frisco Co., Cal	*Sutherland, William,		1836
Seymour, M. M.,	Winnipeg, Man	*Sutherland, William,		1870
*Sewell, Stephen C. [ad eun],		Sutherland, William Dunbar,	Montreal	1879
Sewell, Colin [ad eun],	Quebec	Switzer, Egerton R.,	Salina, Ks	1865
Shanks, J. C.,	Howick, Q	Tabb, Silas E., M.A.,	Sherbrooke, Q	1869
Sharp, J. C.,	Maysville, N B	*Tait Henry Thomas,		1860
Sharpe, Wm.,	South Toledo, Ohio	Taylor, Wm. H.,	Peterboro, O	1859
Shaw, Alexander,	Watertown, Dak	Taylor, Sullivan A.,	Gilmanton, N H	1870
Shaw, W. F.,	Bracebridge, O	Tew, Herbert S.,	Wakefield, York, Eng	1864
Shaver, Peter Rolph,	Stratford, O	Temple, James A.,	Toronto	1865
Shaver, W. H.,	Wales, O	Thayer, Linus O.,	Montreal	1859
*Shaver, R. N.,		*Therault, F. D.,		1863
Shibley, J. L.,	Yarker, O	Therion, Honore,	Bedford, Q	1863
Shepherd, Francis J.,	Montreal	*Thompson, James,		1842
Sherk, George,	Cheapside, O	Thompson, Robert,	Brantford, O	1852
Shoebottom, Henry,	Port Huron, Mich	Thompson, Wm. A.,	New Richmond, Q	1882
Shufelt, W. A.,	New York, N.Y.	Thornton, Hastwell W., B.A.,	New Rich-	
Sihler, G. A.,	Simcoe, O		mond, Q	1882
*Simard, Amable,		Tracey, A. W.,	West Meriden, Conn	1873
Simpson, Thomas,	Montreal	Trenholme, Edward Henry,	Montreal	1862
Sinclair, Coll,	Aylmer, O	*Trudel, Eugene H.,		1844
Small, H. B.,	Ottawa	Trueman, J. E.,	Macan, N S	1881
* Smallwood, John R.,		Turgeon, Louis G.,	Montreal	1860
Smellie, T. S. J., M.A.,	Pr Arthur's	Tuzo, Henry A		1853
	Ldg, O	†Tunstall Simon J., B.A.,	Litton, B C	1875
Smiley, J. S.,	Portsmouth, Iowa	Usher, Henry,	Walkerton, O	1861
*Smith, Daniel D.,		Vannorman, J. M.,	Detroit, Mich	1850
Smith, Daniel F.,	Walkerton, O	Vercoe, Henry L.,	Seaforth, O	1865
Smith, E. H.,	Fullarton, Neb	Vicat, John R.,	Melbourne, Q	1867
*Smith, Edward W.,		†Vineberg, Hiram N.,	Portage la	
Smith, John,	Portland, Oregon		Prairie, Man	1878
Smith, Norman A.,	Frelighsburg, Q	Wagner, A. Dixon,	Cornwall, O	1872
Smith, William,	Lachute, Q	Wagner, G. C.,	Dickinson's Ldg, O	1881
Smith, Edward W., A.B.	West	*Wagner, William H.,		1844
	Merriden, Conn	Wakeman, William,	Quebec	1866
Smith, W. A. de W.,	Montreal Q	Wales, Benjamin N.,	Robinson, Q	1874
Smyth, H. E.,	Marlboro', Mass	*Walker, Robert,		1851
Smythe, T. W.,	Colonel 100th Regt	Walker, Felix D.,	Launching, P E I	1884
Snider, Frederick S.,	Teeterville, O	Wallace, Isaac U.,	Milton, Q	1874
Sparham, Terence,	Brockville, O	Walsh Edmond C.,	Madrid, N Y	1866
Sparham, E. B.,		Walton, George O.,	Barbadoes, W I	1873

Wanless, John R.,	Dunedin, New Z	1867	*Wilsam, John Wilbrod,		1846
Ward, William T.,	Morristown, Minn	1873	Wishart, D. G.,	Madoc, O	1885
Ward, Michael O' B.,	Montreal	1875	Woolverton, Algernon, M.A.,	Hamilton, O	1867
Warren, Frank,	Brooklin, O	1872	Woods, David,	Staff Surgeon Army	1860
*Warren, Henry,		1860	†Wood, Edwin Geo.,	Mitchell, O	1885
Waugh, William,	London, O	1872	Wood, George C.,		1849
Weagant, C. A.,	Yarker, O	1879	Wood, George,	Faribault, Minn	1863
Webb, James T. S.,	Montreal	1871	Wood, Ed. S.,	Faribault, Minn	1883
Webster, Arthur D.,	Edinburgh, S	1878	Wood, Hannibal W.,	Knowlton, Q	1865
Weilbrenner, Remi,	Port Neuf, Q	1851	Woods, Jno. J. E.,	Aylmer, Q	1875
*Weir, Richard,		1852	Woodful, Sam. Pratt.,	Surg. Maj	1864
*Wherry, John,		1862	Woolway, C. J.	Copper Falls, Mich	1875
Whitecomb, Josiah G.,	Omaha	1848	*Workman, Benjamin,		1853
Whiteford, James W.,	Winnipeg, Man.	1873	Workman, Joseph,	Toronto	1835
Whiteford, Richard,	Toledo, Ohio	1857	Worthington, Edward [ad eun]	Sher-	
Whitwell, W. P. O.,	Philipsburg, Q	1860		brooke, Q	1868
*Whyte, Joseph A.,		1870	Wright, John W., B.A.,	Picton, O	1878
Wigle, Hiram,	Wiarion, O	1875	Wright, Henry P.,	Ottawa	1872
*Widmer, Christopher [Hon]		1847	Wright, Stephen,	Ottawa, O	1859
*Wilcox, Marshall B.,		1868	Wright, William,	Montreal	1848
Williams, J.,	Boston, Mass	1881	Wye, John H.,	22 Upper Woburn Pl,	
Williston, H. V., M.A.,	Newcastle, NB	1879		London	1868
Willson, J. A. K.,	Manotick	1885	Young, Philip R.,	Clarenceville, Q	1876
Wilson, Benjamin S.,	Belleville, O	1866	Young, Robert C.,	Ridgetown, O	1873
*Wilson, Robert M.,		1850	Youker, William,	Stirling, O	1807
Wilson, William,	Ottawa	1857			
Wilson, Samuel F.,	Millstream, Kings				
	Co., N.B	1884			

\*Deceased

†Medallist.

# EXAMINATION PAPERS.

SESSION 1885-86.

## MATRICULATION EXAMINATIONS.

LATIN.

SATURDAY, MARCH 28th, 1885.

*Examiner*,..... H. ASPINWALL HOWE, M.A., LL.D.

NOTE—Candidates may choose, in this Paper, between Cicero and Virgil.

1. Translate, *without unnecessary change of construction* :—

(A) Potestne tibi hæc lux, Catilina, aut hujus cœli spiritus esse jucundus, quum sciae horum esse neminem, qui nesciat, te pridie Kalendas Jan. Lepido et Tullo consulibus stetisse in comitio cum telo? manum, consulum et principum civitatis interficiendoram caussa, paravisse? sceleri ac furori tuo non mentem aliquam aut timorem tuum, sed fortunam P. R. obtitisse? Ac jam illa omitto: neque enim sunt aut obscura, aut non multa post commissa. Quoties tu me designatum, quoties consulem interficere conatus es? Quot ego tuas petitiones, ita conjectas, ut vitari non posse viderentur, parva quadam declinatione et, ut aiunt, corpore effugi. Nihil agis, nihil assequeris, nihil moliris, quod mihi latere valeat in tempore: neque tamen conari ac velle desistis. Quoties jam tibi extorta est sica ista de manibus! quoties vero excidit casu aliquo et elapsa est! tamen ea carere diutius non potes; quæ quidem quibus abs te initiata sacris ac devota sit, nescio, quod eam necesse putas esse consulis in corpore defigere.

(B) Quæ quum ita sint, Quirites, vos, quemadmodum jam antea, vestra tecta custodiis vigillisque defendite; mihi, ut Urbi sine vestro motu ac sine ullo tumultu satis esset præsidii, consultum ac provisum est. Coloni omnes municipesque vestri, certiores a me facti de hac nocturna excursione Catilinæ, facile urbes suas finesque defendent: gladiatores, quam sibi ille maximam manum et certissimam fore putavit, quamquam meliore animo sunt, quam pars patriciorum, potestate tamen nostra continebuntur. Q. Metellus, quem ego prospiciens hoc in agrum Gallicanum Picenumque præmist, aut opprimet hominem, aut omnes ejus motus conatusque prohibebit. Reliquis autem de rebus constituendis, maturandis, agendis jam ad senatum referemus, quem vocari videtis.

2. *Pridie Kalendas Januarias*. What day of the month was this? Explain the Roman method of reckoning time.

3. Parse the words of the first sentence of extract (A). down to *neminem*.

4. Decline the nouns *manum, principum, sceleri*;—The Adjectives *ullo, and certiores*;—the Pronouns *mihī, sibi, ille*; and the Tenses *potest, assequeris, continebuntur, opprimet*.

5. Give the principal parts of *stetisse interficere, assequeris, extorta est elapsus est referemus*. How do you generally form the Comparative and the Superlative in Latin? What terminations are expected? Supply the degrees of comparison of *multus, parvus, diutius, maximus, faciles, melior*.

6. Write the first person singular of all the tenses, throughout the Moods, of *mitto*, stating how and from what principal part each is formed. Write also the tenses of the Infinitive and the Participles.

7. Explain and give the Rules of Syntax for the construction of:—(a) *Pridie Kalendas*;—(b) *principum interficiendum; causa*;—(c) *sceler-obstitisse*;—(d) *ea carere*;—(e) *satis esset præsedii*;—(f) *meliore sunt animo*.

8. What is the derivation of *pridie, cumitium princeps, tectum, colonus municipium, vester, præsidium*?

## VIRGIL.

1. Translate, *without unnecessary change of construction*:—

(A) "O socii, neque enim ignari sumus ante malorum,  
O passi graviora, dabit deus his quoque finem.  
Vos et Scyllæam rabiem penitusque sonantes  
Accestis scopulos; vos et Cyclopiæ saxa  
Experti. Revocate animos, mæstumque timorem  
Mittite. Forsan et hæc olim meminisse juvabit.  
Per varios casus, per tot discrimina rerum  
Tendimus in Latium, sedes ubi fata quietas  
Ostendunt: illic fas regna resurgere Trojæ.  
Durate, et vosmet rebus servate secundis."

(B) Nec non et Tyrii per limina læta frequentes  
Conveneri, toris jussi discumbere pictis.  
Mirantur dona Æneæ; mirantur Iulum,  
Flagrantesque dei vultus, simulataque verba,  
Pallamque et pictum croceo velamen acantho.  
Præcipue infelix, pesti devota futuræ,  
Expleri mentem nequit, ardescitque tuendo  
Phœnissa, et pariter puero donisque movetur.  
Ille ubi complexu Æneæ colloque pependit,  
Et magnum falsi implevit genitoris amorem,  
Reginam petit. Hæc oculis, hæc pectore toto  
Hæret; et interdum gremio fovet; inscicia Dido  
Insidat quantus miseræ deus! At memor ille  
Matris Acidaliæ paulatim abolere Sychæum  
Incipit, et vivo tentat prævertere amore  
Jam pridem resides animos desuetaque corda

2. Write short notes explanatory of:—*Scyllæam rabiem*—*Cyclopa saxa*  
—*Matris Acidaliæ*—*abolere Sychæum*.

3. Parse the words of the first two lines of extract (A).

4. Decline the Nouns *casus*, *discrimina*, *rerum* :—the Adjectives *graviora* and *toto* ; the Pronouns *vos*, *hæc*, *ille* ; and the Tenses *sumus*, *accestis*, *juvabit*, *movetur*.

5. Give the principal parts of *experti estis*, *resurgere*, *movetur*, *pependi hæret*, *abolere*. How do you generally form the comparative and the superlative in Latin? What terminations are excepted? Supply the degrees of comparison of *multus*, *parvus*, *diutius*, *maximus*, *facilis melior*.

6. Write the first person singular of all the tenses, throughout the moods of *mutto*, stating how and from what principal part each is formed. Write also the tenses of the Infinitive and the Participles.

7. Explain, and give the Rules of Syntax for the construction of: (a) *ignari sumus ante malorum* ;—(b) *sonantes accestis scopulos* :—(c) *toris jussi discumbere pictis*. What if *impero* were used instead of *jubeo*?—(d) *expleri mentem nequit* ;—(e) *insidat quantus miseræ deus* ;—(f) *memor matris Acidaliæ*.

8. What is the derivation of *discrimen*, *secundus*, *velamen*, *pariter*, *complexus*, *genitor*, *abolere*, *resides* (*reses*).

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ENGLISH.

SATURDAY, MARCH 28TH, 1885.

Examiner,.....H. ASPINWALL HOWE, M.A., LL.D.

1. Parse fully all the words of :

Each in his narrow bed forever laid,  
The rude forefathers of the hamlet sleep.

2. What are the two essential parts of a simple sentence, and what the three subordinate parts? Construct a sentence that shall contain all the five parts.

3. Name the *Moods* of the Verb, and state the significance of each. Write short sentences showing the use of each mood.

4. Distinguish between the terms *Irregular* and *Defective*. Do you consider *was*, *better*, *we*, *went* to be defective or irregular? Your reason?

5. Explain, with examples, what is meant by *Subjective genitive*, *Reflexive pronoun*, *Gerundive*, *Sequence of tenses*, *Adversative Conjunction*.

6. Write the Past Tense, and Perfect Participle of the verbs *awake*, *beat*, *cling*, *clothe*, *fly*, *flee*, *lay*, *lie*, *sew*, *sow*.

7. Give the meanings of the following words: *Kingdom*, *wealth*, *dormitory*, *lapidary*, *streamlet*, *hillock*, *seamstress*, *cyclone*, *preliminary*. Dissect each of them, and state the force of each component part.

8. Correct errors, where found, in the following, and explain the errors:
- (a), The belief in immortality is universally held by all.  
 (b), He spoke of you studying Latin.  
 (c), In such a subject nothing but clearness and simplicity are wanted.  
 (d), The man whom you thought was honest turns out a rogue  
 (e), The spider and fly are natural enemies.  
 (f), The water is full of animalculæ.  
 (g), The commandments forbid the doing murder.  
 (h), I am verily a man who am a Jew.
9. Write legibly and punctuate properly the Dictation which will be read to you.
10. Write a short composition on "Kindness to Animals."

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 ARITHMETIC.

SATURDAY, MARCH 23TH, 1885.

Examiner,.....H. ASPINWALL HOWE, M.A., LL.D.

NOTE.—The full working of each question must be given.

1. Add together,  $\frac{3}{8} \div 6$ ,  $\frac{6}{12\frac{3}{8}}$  of  $\frac{1}{3}$  of  $2\frac{2}{3}$ ,  $\frac{1}{6\frac{2}{3}} \div \frac{7}{8}$ , and  $\frac{2}{3}\frac{7}{1}$ .
2. Divide 6.48 by .0125, and multiply the result by .015625.
3. If 1296 bricks,  $9\frac{1}{2}$  inches by  $4\frac{1}{2}$  inches, are required to pave a courtyard, how many stones 6 inches square would be needed for the same?
4. In the gold coinage of Britain, 11 parts out of 12 are pure gold. How much per cent of a coin is alloy?
5. What is the rule for Simple Interest on any sum? Derive the formula  $I = \frac{PRT}{100}$  in which I is the Interest, P the Principal, R the Rate per cent and T the time in years. Shew from the formula that it would take  $12\frac{1}{2}$  years for a sum of money to double itself at 8 per cent.

## ALGEBRA.

1. Simplify by removing brackets and collecting like terms  
 $25a - 19b - [3b - \{4a - (5b - 6c)\}]$ .
2. Find the Greatest Common Measure of  $x^2 - 7x + 10$  and  $4x^3 - 25x^2 + 20x + 25$ . Also the Least Common Multiple of  $4(a^3 - a^2b)$ ,  $12(ab^2 + b^3)$  and  $8(a^3 - a^2b)$ .
3. Shew that the sum of the squares of any two consecutive even integers is four times the square of the odd integer between them.
4. Simplify  $\frac{1}{1-x} - \frac{2}{1-x^2}$ , and  $\frac{a}{bx} \times (b + \frac{bx}{a}) + (1 - \frac{1}{a+x})$ .

5. Solve the equation  $\frac{x+1}{6} - \frac{2x-6}{7} = 6 - \frac{4x+13\frac{2}{3}}{14}$ .

6. A person walked to the top of a mountain at the rate of  $2\frac{1}{2}$  miles an hour and down the same way at the rate of  $3\frac{1}{2}$  miles an hour. He was out 5 hours. Find the whole distance that he walked.

### BRITISH HISTORY.

FRIDAY, MARCH 27, 1885.

*Examiner*,.....H. ASPINWALL HOWE, M.A., LL.D.

1. Narrate briefly how the hold on France gained by Henry V. was quickly lost in the reign of his successor.

2. The Commonwealth died with Oliver Cromwell. What causes led to this?

3. What religious movements gave rise to the names *Lollards*, *Independents*, *Presbyterians*, *Methodists*, *Ritualists*? Explain these names, and state in what reign each originated.

4. To whose reigns belong, (1) The conquest of Wales, (2) The conquest of Ireland, (3) The Union with Scotland, (4) The Great Rebellion, (5) The Barons' War, (6) Monmouth's Rebellion, (7) The Massacre of St. Bartholomew, (8) The American War.

5. Who were Agricola, Boadicea, Fair Rosamond, the Empress Matilda, Lady Jane Grey, St. Augustine, Archbishop Laud, Perkin Warbeck, Titus Oates, Robert Clive.

6. What are the three Estates of the Realm? Through what stages must a Bill pass before it becomes law?

### GEOGRAPHY.

1. Describe geographically a voyage from the Thames to India through the Suez Canal, and back round Cape Horn.

2. What are the foreign possessions of Britain? Where is each situated?

3. Name and trace the course of the largest river of each of the continents,—Europe, Asia, Africa, N. America, S. America, and Australia.

4. What are the boundaries of India, Afghanistan, the Soudan and the Arabian peninsula.

5. What causes, other than Latitude, influence climate? Name places and regions in confirmation of your answer.

6. Where situated and what are Herat, Oxus, Tonquin, Borneo, Cadiz, Ortegál, Belle Isle, Honduras, Maracaybo, Valparaiso?

## GEOMETRY.

SATURDAY, MARCH 28, 1885.

*Examiner*, ..... H. ASPINWALL HOWE, M.A., LL.D.

1. Any two sides of a triangle are together greater than the third side.
2. Straight lines that join the extremities of two equal and parallel straight lines towards the same parts are themselves equal and parallel.
3. The complements of the parallelograms which are about the diameter of any parallelogram, are equal to one another.
4. Divide a given straight line into two parts, so that the rectangle contained by the whole and one part may be equal to the square on the other part.
5. Shew that if a straight line be divided as in the preceding problem, the square on the whole line, together with the square on the smaller part, is equal to three times the square on the greater part.

## NATURAL PHILOSOPHY.

1. A rigid rod supposed to be without weight, is moveable round a fixed point. Shew, with a diagram, what two considerations determine the effect of a force to move the rod round the point.
2. A uniform rod of 3 feet long and weighing 8 lbs., has a weight of one pound fixed to one end. Find the centre of gravity of the system.
3. In a wheel and axle, the radius of the wheel is 3 feet, the weight 18 lbs., and the power 3 lbs. What is the radius of the axle, if there be equilibrium?
4. How much less does a body weigh in water than in air? Illustrate your answer by a diagram and give the reasoning.
5. Explain clearly why a balloon ascends. When will it become stationary?

## CHEMISTRY.

*Optional Subject.*

SATURDAY, MARCH 28, 1885.

*Examiner*, ..... H. ASPINWALL HOWE, M.A., LL.D.

1. Define the following terms:—*Acid, Salt, Radical, Analysis, Anhydride.*
2. Mention important properties of *Oxygen*, and state any method by which it may be obtained in a pure state.

3. Describe mode of preparation, uses and properties, of any compound of *Silver* or of *Copper*.

4. By what characters are the *Metals* distinguished from the *Non-metals*.

5. Mention tests for any three of the following substances :—*Iron, Lime, Sulphuric Acid, Ozone, Calomet.*

#### BOTANY.

1. Name and describe the parts of the embryo of a *Dicotyledonous* plant.

2. Define a *Flower*, and describe its essential organs.

3. Name and describe the parts of a complete *Leaf*, and explain the uses of leaves.

4. Distinguish between *Phenogamous* and *Cryptogamous* plants, and between *Exogens* and *Endogens*.

5. Explain the action of plants upon the air.—

(a) In the sunshine.

(b) In darkness.

#### GREEK.

#### Optional Subject.

SATURDAY, MARCH 28TH, 1885.

*Examiner*, ..... H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, *without unnecessary change of construction*.—

(A) Ἐπειδὴ δὲ Κύρος ἐκάλει, λαβὼν ὑμᾶς ἐπορευόμεν, ἵνα, εἰ τι δέοιτο, ὠφελίην αὐτὸν ἀνθ' ὧν ἐν ἐπαθὸν ὑπ' ἐκείνου. Ἐπεὶ δὲ ὑμεῖς οὐ βούλεσθε νομπερεῖσθαι, ἀνάγκη δὴ μοι ἢ ὑμᾶς προδόντα τῇ Κύρου φιλίᾳ χρῆσθαι, ἢ πρὸς ἐκείνον ψευδόμενον μεθ' ὑμῶν ἵναί. Εἰ μὲν δὴ δίκαια ποιῶσω οὐκ οἶδας. αἰρήσομαι δ' οὖν ὑμᾶς, καὶ σὺν ὑμῖν ὃ τι ἂν δέη πείσομαι. Καὶ ὅποτε ἱπὶ σὺδεῖς, ὡς ἐγὼ Ἑλλήνας ἀγαγὼν εἰς τοὺς βαρβάρους, προδοὺς τοὺς Ἑλλήνας τῆν τῶν βαρβάρων φιλίαν εἰλόμην.

(B) Ἔως ὃ ταῦθ' ὤρμαινε κατὰ φρένα καὶ κατὰ θυμὸν,  
Ἐλκετο δ' ἐκ κολεσίου μέγα ξίφος, ἦλθε δ' Ἀθήνη,  
Οὐρανόθεν· πρὸ γὰρ ἦκε θεᾶ λευκώλενος Ἥρη,  
Ἄμφω ὁμῶς θυμῷ φιλέουσά τε κηδομένη τε.  
Στῆ δ' ὀπίθεν, ξανθῆς δὲ κόμης ἔλε Πηλείωνα,  
Οἴω φανομένη· τῶν δ' ἄλλων οὐ τις ὄρατο.  
Θάμβησιν δ' Ἀχιλεὺς, μετὰ δ' ἐγράπετ', αὐτίκα δ' ἔγνω  
Παλλάδ' Ἀθηναίην· δεινὸν δὲ οἱ ὄσσε φάανθεν.

2. Parse and decline φρένα, ἔλκετο, μέγα, ἦλθε, in extract (B).

Give the Future, Perfect, and First or Second Aorist, of λαμβάνω, προδίδωμι, αἰρέω, ἐρχομαι.

4. Give the Rules of Syntax for the following constructions :—(a) εἰ τι δέοιτο. Why Optative ?—And further on ὁ τι ἂν δέη. Why Subjunctive ?—(b) τῇ Κίρου φιλίᾳ χρῆσθαι. Why Dative ?—(c) ξανθῆς δὲ κόμης ἔλε. Why Genitive ?

5. What Prepositions govern (1) the Genitive only, (2) the Dative only, (3) the Accusative only. The Preposition ἐπὶ is followed by all the three cases. With what difference of meaning ?

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FRENCH.

*Optional Subjects.*

SATURDAY, MARCH 28, 1885.

*Ex miner*,.....H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, as closely as difference of idiom will admit :

Dès qu'il eut quelque connaissance de la langue latine, on lui fit traduire Quinte-Curce : il prit pour ce livre un goût que le sujet lui inspirait beaucoup plus encore que le style. Celui qui lui expliquait cet auteur lui ayant demandé ce qu'il pensait d'Alexandre : " Je pense, dit le prince, que je " voudrais lui ressembler." Mais, lui dit-on, il n'a vécu que trente-deux ans. " Ah ! reprit-il, n'est-ce " pas assez quand on a conquis des royaumes ? " On ne manqua pas de rapporter ces réponses au roi son père qui s'écria : " Voilà un enfant qui vaudra mieux que moi, et " qui ira plus " loin que le grand Gustave." Un jour il s'amusait dans l'appartement du roi à regarder deux cartes géographiques, l'une d'une ville de Hongrie prise par les Turcs sur l'empereur, et l'autre de Riga, capitale de la Livonie province conquise par les Suédois depuis un siècle ; au bas de la carte hongroise il y avait ces mots, tirés du livre de Job : " Dieu me l'a donné, " Dieu me l'a ôté ; le nom du Seigneur soit béni ! " Le jeune prince ayant lu ces paroles, prit sur-le-champ un crayon, et écrivit au bas de la carte de Riga, " Dieu me l'a donnée, le diable ne me l'ôtera pas." Ainsi dans les actions les plus indifférentes de son enfance, ce naturel indomptable laissait souvent échapper de ces traits qui caractérisent les âmes singulières, et qui marquaient ce qu'il devait être un jour.

2. Write all the forms of the Demonstrative Adjective *ce*, and give a simple example of the use of each.

3. Which of the following Personal Pronouns are used (1) for Direct Object, (2) for Indirect Object, (3) for both— *moi, me, toi, te, le, lui, la, leur* *se*, give short examples.

4. Qui vaudra *mieux*. What are the positive and superlative of this adverb? Also of *mal*? Distinguish between *mieux* and *meilleur*.

5. Trente-deux *ans*. What shade of meaning distinguishes *an* from *année*, *jour* from *journée*, *soir* from *soirée*, etc.

6. Give the Present Infinitive, the Present Participle and the Past Participle of *fit*, *prit*, *voudrais*, *dit*, *vécu*, *vaudra*, *ira*, *lu*.

7. Write out the Present Indicative of *dire*, the Imperative and the Present Subjunctive of *aller*, the simple Future of *avoir*, and the Conditional Present of *être*.

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McGILL UNIVERSITY, MONTREAL.

FACULTY OF MEDICINE.

SESSIONAL EXAMINATIONS, 1884-85.

BOTANY.

SATURDAY, MARCH 14TH :—9 to 12 A.M

*Examiner*,..... D. P. PENHALLOW, B. Sc.

1. Describe the parts of the flower, and show the functions of each.
2. The fruit : its morphological character and component parts. Examples of types.
3. Explain the process of fructification in Phenogams. What is the resulting product ?
4. Explain the general process of nutrition.
5. Show what conditions are favorable and adverse to assimilation.
6. Respiration : where performed, and under what conditions.
7. Explain the movement of plants, as illustrated in tendrils, and show what influences may modify it.
8. Explain the principles upon which natural and artificial systems of classification are based.
9. Explain the movement of sap and its relation to nutrition.
10. Give the distinguishing characters of Angiosperms, Gymnosperms, Pteridophytes and Bryophytes.

## PHYSICS.

MONDAY, MARCH 16TH, 1885.

*Examiner*,.....G. P. GIRDWOOD, M.D.

1. Describe the characteristics of the three conditions of matter.
2. Give examples to show that the forces heat, light and chemical action are interchangeable.
3. Describe briefly the solar spectrum, explaining Fraunhofer's lines.
4. Explain the difference between a luminous and a non-luminous flame, and show how each is made use of in chemistry.
5. Give the laws of combination by volume, showing the relation of the number of molecules to volume.
6. Describe the occurrence, preparation, and properties of Cl. and H. Cl.

## HISTOLOGY.

MONDAY, MARCH 16TH, 1885 :—4.15 p.m. to 5.45 p.m.

*Examiner*,.....PROF. WILKINS.

1. Give the coats of an artery. Wherein do the veins differ from arteries?
2. What are the varieties of nerve fibre? Describe each.
3. Describe the structure of the respiratory tubes, commencing with trachea and terminating at *alveolar ducts*, but not inclusive of the latter. Mention in what manner the various parts differ in structure.

## CHEMISTRY.

*Examiner*,.....G. P. GIRDWOOD, M.D.

1. Give a short account of atomicity or quantivalence. Illustrate your answer by Hydrogen, Sodium, Chlorine, Oxygen, Calcium, and Manganese.
2. Classify inorganic acids, with examples.
3. Give the preparation of Nitrogen, Nitric Acid, Ammonia, Nitrous Oxide, with equations.
4. Classify Metallic Oxides, with examples.
5. Why are Calcium, Strontium and Barium grouped together?

6. Give the properties of Magnesium Aluminium, Mercury.
7. By what reactions will you show the presence of Copper, Zinc and Arsenic? Give equations.
8. Classify Alcohols, and show by formulæ their relation to Hydrocarbons, Aldehydes and Acids.

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PRACTICAL CHEMISTRY.

SESSION 1884-85.

*Examiner*,..... G. P. GIRDWOOD, M.D.

1. By what blow-pipe re-actions would you recognize.

- (a) Chromate of lead.
- (b) Nitrate of silver.
- (c) Tartar emetic.
- (d) Barium chloride.
- (e) Citrate of sodium.

2. By what re-actions would you distinguish :

- (a) Potassium Iodide from Potas. Bromide.
- (b) Ferrous Chloride from Ferric Chloride.
- (c) Mercurous Nitrate from Mercuric Chloride.
- (d) Stannous Chloride from Stannic Chloride.
- (e) Strontium Sulphate from Strontium Phosphate.

Give equations in each case.

3. Describe fully (giving equations) how you would prove a solution to contain *alum* (potassium, aluminum, sulphate) and nothing else.

4. What are (1) Nessler's test, (2) Reinch's test, (3) Marsh's test. Describe the last fully.

5. Give two good tests for (a) chlorides, (b) oxalates, (c) chromates, (d) cyanides, (e) sulphides.

6. How would you shew quickly that a solution contained :

- (a) Copper.
- (b) Antimony.
- (c) Lead.
- (d) Iron.
- (e) Sulphur.

## ANATOMY.

WEDNESDAY, MARCH 18TH, 1885.

*Examiners*,..... { PROF. FRANCIS J. SHEPHERD, M.D.  
LECT. RICH. MACDONNELL, B.A., M.D.

1. Give the dissection necessary to expose the third part of the Subclavian Artery.
2. Mention in their proper position the parts in relation to the Pancreas, and the dissection necessary to expose it.
3. Describe the first rib, and name in order the parts in relation to its upper surface.
4. Give the attachments, actions, and nerve-supply of the muscles forming the space at the bend of the elbow. What does this space contain?
5. Describe shortly the three Primitive Fissures of the Brain.
6. Describe the origin, course, and distribution of the External Popliteal Nerve.
7. Give a short description of the development of the great veins at the root of the neck, and explain the occurrence of the left Vena Innominata.

*Candidates are required to answer four questions only, including one of the first two.*

## PRACTICAL ANATOMY.

THE DEMONSTRATOR'S PRIZE.

*Examiner*,..... R. L. MACDONNELL, M.D.

1. Give a dissection to expose the hypoglossal nerve from its exit at the base of the skull to its termination.
2. Enumerate in their relative position the parts seen in a horizontal section of the abdomen at the level of the body of the second lumbar vertebra.
3. Describe the dissection necessary to expose the flexor longus pollicis manus muscle.
4. Give a dissection to expose the Popliteus muscle.

## PHYSIOLOGY.

## SECOND YEAR.

TUESDAY, MARCH 17TH, 1885.

*Examiner*, ..... T. WESLEY MILLS, M.A., M.D.

Write upon the following subjects :

1. The action of the heart.
2. The physics of respiration.
3. Digestion in the small intestines.
4. The functions of the fifth nerve.
5. The formation of the amnion and the placenta.
6. The functions of the spinal cord.
7. The circulatory system : (a) Mechanical forces. (b) Regulative mechanisms.
8. Respiration from a chemico-physical point of view.
9. Cell physiology, as illustrated in the digestive organs.
10. The cerebral localization hypothesis.
11. Urea.
12. The circulation before and after birth, with special reference to the causes of the changes.

N. B.—(1.) Only six of the above questions to be answered.

(2.) 100 per cent. of the marks can be obtained only by answering the last six questions.

(3.) Special importance will be attached to references to experiments witnessed, illustrating the subjects treated.

## MATERIA MEDICA AND THERAPEUTICS.

WEDNESDAY, MARCH 18, 1885.

TIME: TWO HOURS.

*Examiner*, ..... PROF. JAMES STEWART, M.D.

1. Contrast the actions physostigmine, gelsemium, curare and bromide of potassium on :—

1. The Cerebral Motor Convulsions.
2. The Medullary Motor Centres.
3. The Spinal Cord.
4. The Motor Nerves.
5. The Sensory Nerves.

2. Contrast the actions of morphia, atropine, physostigmine and pilocarpine on :—

1. The Salivary Glands.
2. The Sweat Centres—central and peripheral.
3. Intestinal Peristalsis.
4. The Pupil.

Explain fully through what nervous mechanisms the actions you mention are brought about.

3. Compare the hypnotic actions of opium, chloral hydrat and paraldehyde.

4. Mention the more important uses of the iodide of potassium. In what doses is it employed, and how is it best administered?

5. In what cardiac affections are digitalis, caffeine, nitrite of amyl, and arsenic found useful

Describe fully, as far as is known, how these different agents act in the troubles you mention.

6. Mention the chief medicinal uses of iron.

Explain how it acts in the diseases you mention. Name several different ways of introducing it into the blood.

Only four of the above questions to be answered.

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#### PATHOLOGY.

#### THIRD YEAR.

MONDAY, MARCH 16TH, 1885.

*Examiner*,.....T. WESLEY MILLS, M.A., M.D.

Write upon the following subjects :

1. Constitutional resistance in relation to disease.
2. The pathogenous bacteria.
3. Hæmatogenous pigments.
4. Repair after inflammation.

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#### SUTHERLAND MEDAL.

#### CHEMISTRY.

#### SECOND YEAR.

*Examiner*,.....PROF. G. P. GIRDWOOD, M.D.

1. State the facts and principles from which the weight and quantivalence of the carbon atom are deduced.

2. Which do you consider the correct formula for Ferric Chloride:  $Fe_2Cl_3$  or  $Fe_2Cl_6$ . Give your reasons. Write graphic formula for (i.) calomel (ii.) ferric sulphate (iii.) "sulphuric ether" (iv.) amyl amine (v.) arsenious anhydride.

3. To what metals are nitrogen and phosphorus allied? Show fully how they are allied.

4. A volatile element having four atoms to the molecule has a vapor density of 10.387 (air = 1). Give the atomic weight.

5. How would you prove the composition of the atmosphere (*a*) by volume, (*b*) by weight? Is it a chemical compound or a mechanical mixture? Give reasons for your answer.

6. Give a brief account of the metallurgy of silver.

7. Give an account of the chemistry of bleaching powder.

Taking  $\text{Ca O Cl}_2$  as the formula for bleaching powder, what volume of gaseous hydrochloric acid must be used to make one (1) kilogramme of the powder. (N. T. & P.)  $\text{Ca} = 40$   $\text{O} = 16$ ,  $\text{Mn} = 56$ ,  $\text{Cl} = 35.5$ .

8. Give an account of the chemistry of Electrolysis.

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#### HYGIENE.

MONDAY, MARCH 16TH, 1885.

*Examiner*, ..... R. L. MACDONNELL, B.A., M.D.

1. Explain the various causes of the failure of traps with a water seat with the precautions to be taken to prevent such failure.

2. What are the conditions known to influence the spread of intermittent fever.

3. State in detail the directions you would give for disinfecting an apartment with sulphurous acid gas.

4. Mention the diseases which have been traced to the use of impure water.

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#### MEDICAL JURISPRUDENCE.

TUESDAY, MARCH 24, 1885:—3 TO 5 P.M.

*Examiner*, ..... PROF. WILKINS, M.D.

1. The bodies of two people are discovered dead in a burning house; the bodies only slightly burnt. On examination, it is found that the bones of the skull are crushed in, without any apparent scalp wound in the one body, and incised or 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 burnt?

2. What are the signs of death by drowning?



## THEORY AND PRACTICE OF MEDICINE.

MONDAY, MARCH 23, 1885.

*Examiner*,..... PROF. R. P. HOWARD, M.D., L.R.C.S.E.

1. Mention the important sequelæ of Measles, Scarlatina, Diphtheria and Cerebro-spinal Fever, and the times of their occurrence.

2. What would lead you to make the diagnosis of Rickets?

3. Describe the morbid anatomy of Catarrhal Pneumonia.

4. Sketch the treatment of Cerebro-spinal Fever.

5. Mitral Regurgitation, its causes, and the order of occurrence and explanation of its effects upon the heart and other organs.

6. Differentiate between Cardiac and Renal Dropsy, and describe the treatment of the former.

7. Sketch briefly the Ætiology of Pulmonary Consumption.

8. Describe the symptoms and treatment of Acute Mechanical Obstruction of the Bowels.

9. Give the causes and symptoms of Jaundice from obstruction.

10. An adult is the subject of recurring attacks of pain in the head double optic neuritis—unilateral convulsions, confined at first to one side of face and corresponding upper extremity and attended with loss of consciousness. No loss of any special sense beyond impaired vision. After a time the convulsions affect both sides and the losses of consciousness pass into periods of protracted stupor. Neither pyrexia nor paralysis occur. No history of syphilis, but of a fall upon forehead about two years before. Make a diagnosis, and assign your reasons.

N.B.—When describing treatment state the doses of the remedies to be employed.

## M.D., C.M., FINAL EXAMINATION.

## OBSTETRICS.

*Examiner*,..... PROF. BROWNE.

1. Distinguish between "*Presentation*" and "*Position*" of the Fœtus and describe the relations of the *fœtal head* to the *maternal pelvis*, at the *brim*, in the *right occipito-anterior position*.

2. What signs occurring during pregnancy would lead to a diagnosis of the probable death of the Fœtus?

3. What are the most favorable positions of the *Face*, and how would you diagnose a *Face presentation*?
4. What are the causes of tedious first stage of Labor, and what treatment should be adopted?
5. Give the causes, symptoms and treatment of *post-partum pelvic cellulitis*.

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M.D., C.M., FINAL EXAMINATIONS, 1885.

GYNÆCOLOGY.

*Examiner*, ..... PROF. GARDNER.

1. Leucorrhœa, its sources and causes.
2. Malignant Disease of the Uterus, mention the varieties. Give the symptoms of Cancer of the body.
3. Ovarian Tumors, their diagnosis, course, complications and terminations.
4. Describe the results of laceration of the cervix uteri.