

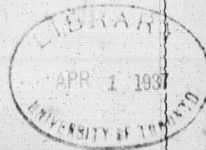
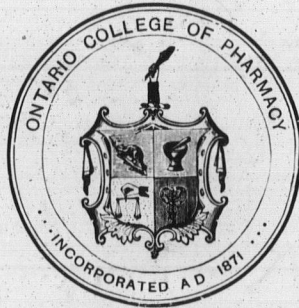
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# ONTARIO College of Pharmacy

(Affiliation with University of Toronto.)

*Calendar*  
ANNUAL ANNOUNCEMENT

PUBLISHED BY AUTHORITY OF THE COMMITTEE ON EDUCATION



FIFTEENTH SESSION

1894-95

ST. JAMES' SQUARE, GERRARD STREET EAST, TORONTO

1894

WAREHOUSE AND OFFICE:  
71 and 73 FRONT ST. EAST

CHEMICAL WORKS AND  
DRUG MILL  
179 and 181 FRONT STREET EAST  
179 and 181 ESPLANADE STREET EAST

..... THE **Lyman**  
**Bros. & Co., Ltd.**

Wholesale Druggists and Manufacturing Chemists  
and Drug Millers

**SPECIALTIES**

Chemical Glassware. Drugs and Chemicals.  
Glassware and Earthenware. Patent Medicines.  
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Alkali. Chloroform (C.P.) Citrate of Iron and Quinine.  
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**BOSTON**

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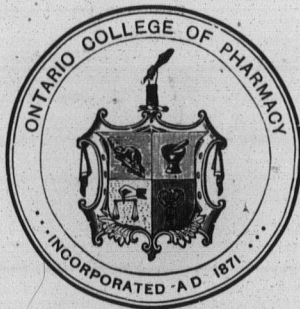
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ONTARIO  
College of Pharmacy

(Affiliation with University of Toronto.)

ANNUAL ANNOUNCEMENT

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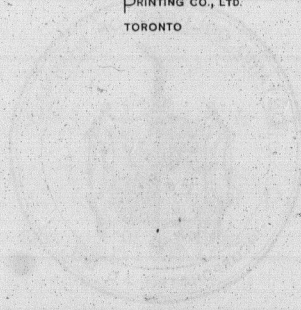
FIFTEENTH SESSION

1894-95

ST. JAMES' SQUARE, GERRARD STREET EAST, TORONTO

1894

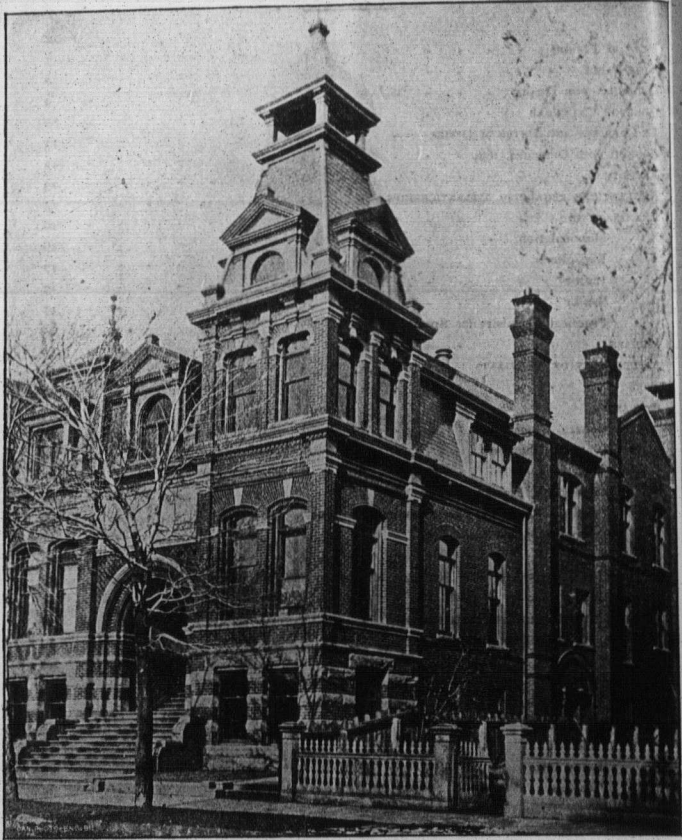
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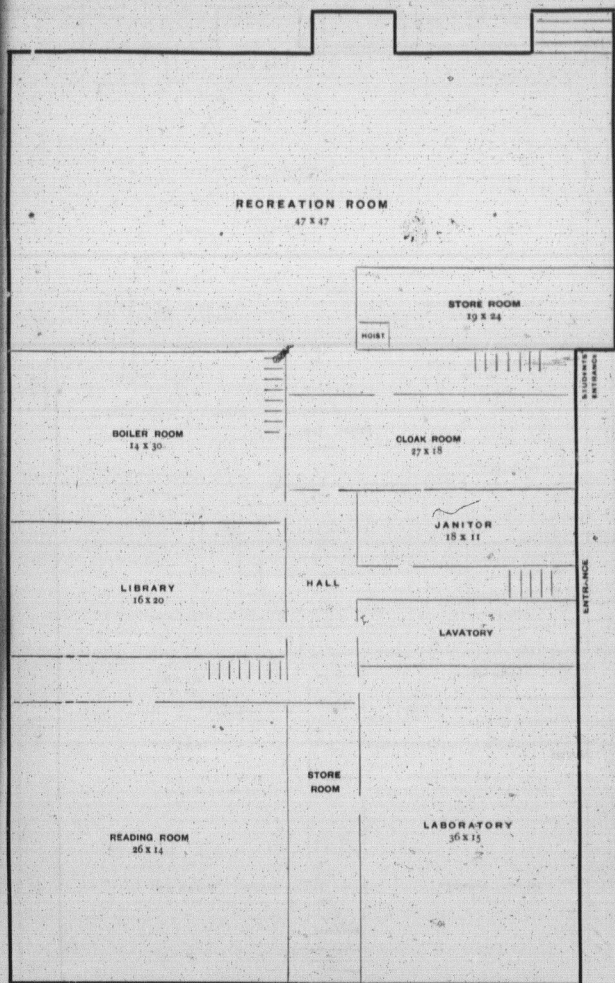
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EX-OFFICERS AND  
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FACULTY  
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EXAMINATIONS  
Matriculation  
Exceptional  
Junior  
Senior  
Practical  
MEDALS  
APPOINTMENT  
FEES  
SYLLABUS:  
General  
Practical  
Toxicology  
Theory  
Practical  
Prescriptions  
Botany  
Latin  
TEXT BOOKS  
CURRICULUM  
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BOARDING  
CORRESPONDENCE  
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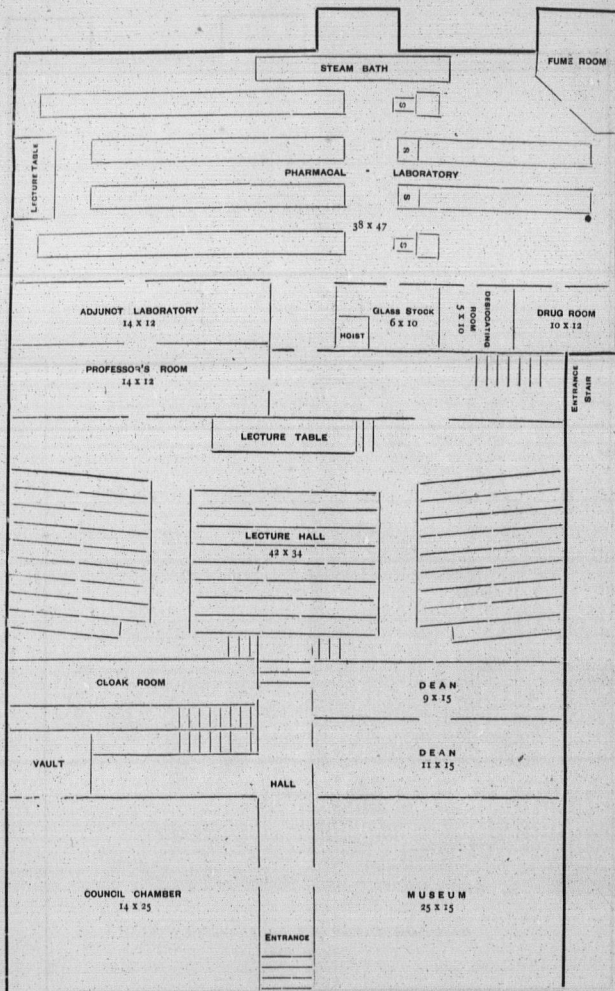
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ONTARIO COLLEGE OF PHARMACY BUILDING  
ST. JAMES' SQUARE

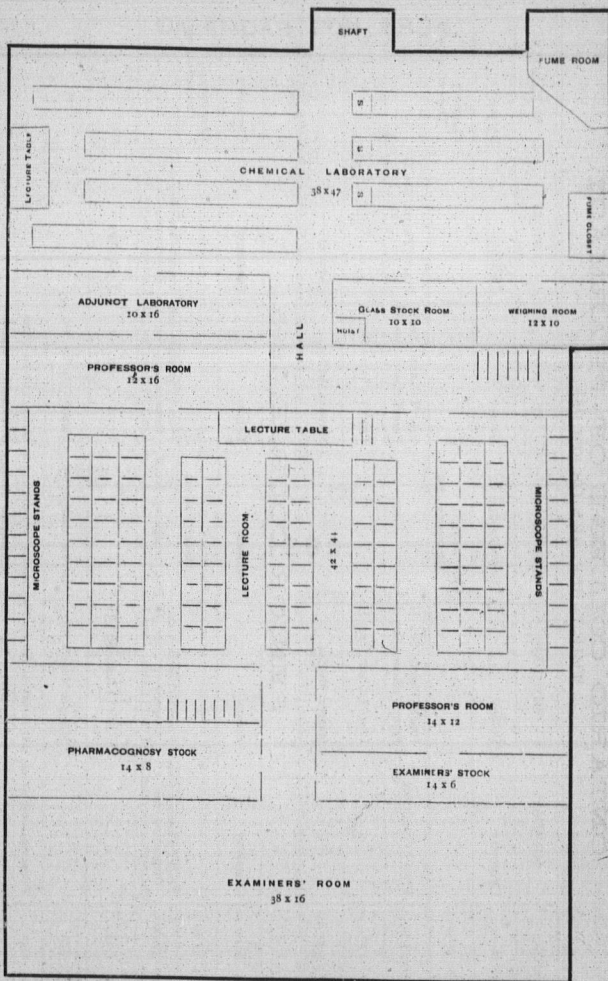


FIRST FLOOR



SECOND FLOOR





THIRD FLOOR

**ONTARIO COLLEGE OF PHARMACY.**  
TIME-TABLE—JUNIOR COURSE—1894.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
A.M. 8.45 - 10.00 ..	Chemistry	Botany	Chemistry	Botany	Chemistry	Botany
10.15 - 11.30 ..			Pharmacy, Theoretical, etc.			Pharmacy, Theoretical, etc.
10.00 - 12.30 ..	Pract'l Pharm. Sec. I Pract'l Pharm. Sec. II	Pract'l Pharm. Sec. II Pract'l Chem. Sec. I		Pract'l Pharm. Sec. I Pract'l Chem. Sec. II	Pract'l Pharm. Sec. II	
P.M. 2.00 - 4.30 .....		Pract'l Chem. Sec. II		Pract'l Chem. Sec. I		
4.30 - 5.30 .....		Materia Medica		Materia Medica	Physics	

**SENIOR COURSE, 1895.**

A.M. 8.45 - 10.00 ..	Chemistry	Botany	Chemistry	Botany	Chemistry.	Chemistry
10.15 - 11.30 ..			Pharmacy, Theoretical, etc.			Pharmacy, Theoretical, etc.
10.00 - 12.30 ..	Pract'l Pharmacy and Dispensing - Sec. I. Pharmacognosy Sec. A.	Pract'l Pharmacy and Dispensing - Sec. II Pract'l Chem. - Sec. I	Pharmacognosy, Sec. B.	Pract'l Pharmacy and Dispensing - Sec. I Pract'l Chem. Sec. II	Pract'l Pharmacy and Dispensing - Sec. II Pharmacognosy, Sec. C	
P.M. 2.00 - 4.30 .....		Pract'l Chem. Sec. II		Pract'l Chem. Sec. I	Toxicology	
4.30 - 5.30 .....		Materia Medica, etc.		Materia Medica, etc.		

Prescriptions, at regular intervals during the session, of which due notice will be given.

N.B.—The above subject to change if occasion requires.

	JAN.	FEB.	MAR.	APR.	JAN.	FEB.	MAR.	APR.
SUN.	7	14	11	1	6	13	10	7
MON.	14	21	18	8	13	20	17	14
TUE.	21	28	25	15	20	27	24	21
WED.	28	5	2	22	27	4	1	28
THUR.	5	12	9	29	4	11	8	5
FRI.	12	19	16	30	11	18	15	12
SAT.	19	26	23	31	18	25	22	19

CALENDAR FOR 1894.

	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN.	1	2	3	4	5	6	7	MAY	1	2	3	4	5	6	7	SEP.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13		8	9	10	11	12	13	14	15
	15	16	17	18	19	20	21		14	15	16	17	18	19		16	17	18	19	20	21	22	23
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FEB.	...	...	1	2	3	4	5	JUNE	...	...	1	2	3	4	OCT.	...	1	2	3	4	5	6	7
	6	7	8	9	10	11	12		5	6	7	8	9		8	9	10	11	12	13	14	15	16
	11	12	13	14	15	16	17		10	11	12	13	14	15		14	15	16	17	18	19	20	21
	18	19	20	21	22	23	24		17	18	19	20	21	22		21	22	23	24	25	26	27	28
	25	26	27	28	...	...	...		24	25	26	27	28	29		28	29	30	31	...	...	...	...
MAR.	...	...	1	2	3	4	5	JULY	1	2	3	4	5	6	NOV.	...	1	2	3	4	5	6	7
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	22	23	24	25	26	27	28		19	20	21	22	23	24		16	17	18	19	20	21	22	23
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1895.

	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN.	1	2	3	4	5	6	7	MAY	1	2	3	4	5	6	7	SEP.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13		8	9	10	11	12	13	14	15
	15	16	17	18	19	20	21		12	13	14	15	16	17		15	16	17	18	19	20	21	22
	22	23	24	25	26	27	28		19	20	21	22	23	24		22	23	24	25	26	27	28	29
	29	30	31	...	...	...	...		26	27	28	29	30	31		29	30	...	...	...	...	...	...
FEB.	...	...	1	2	3	4	5	JUNE	...	...	1	2	3	4	OCT.	...	1	2	3	4	5	6	7
	6	7	8	9	10	11	12		5	6	7	8	9		6	7	8	9	10	11	12	13	14
	13	14	15	16	17	18	19		10	11	12	13	14	15		13	14	15	16	17	18	19	20
	20	21	22	23	24	25	26		16	17	18	19	20	21		20	21	22	23	24	25	26	27
	27	28	29	30	31	...	...		23	24	25	26	27	28		27	28	29	30	31	...	...	...
MAR.	...	...	1	2	3	4	5	JULY	...	...	1	2	3	4	NOV.	...	1	2	3	4	5	6	7
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APR.	1	2	3	4	5	6	7	AUG.	...	...	1	2	3	4	DEC.	...	1	2	3	4	5	6	7
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Pract'l Chem. Sec. I. Toxicology

Pract'l Chem. Sec. II

2.00 - 4.30  
4.30 - 5.30  
7.30 - 8.30

Materia Medica, etc.

Materia Medica, etc.

Materia Medica, etc.

Prescriptions, at regular intervals during the session, of which due notice will be given.  
N.B.—The above subject to change if occasion requires.

## COLLEGE CALENDAR

---

### 1894.

- Aug. 7.—Sitting of College Council for granting diplomas begins.  
 Sept. —.—Supplemental University Examinations for degree of Phm. B.  
 " 11.—Matriculation Examinations.  
 " 12.—Matriculation Examinations results posted.  
 " 13.—Formal opening of Junior term.  
 " 27.—Laboratory Course commences.  
 Nov. —.—Thanksgiving Day—Holiday.  
 Dec. 1.—Time-Table for Junior Examinations is posted.  
 " 1.—Laboratory Course terminates.  
 " 4. }  
 " 13. } Junior Examinations.  
 " 14. }  
 " 15. }  
 " 17.—Semi-annual Examinations for diplomas begin.  
 " 19.—Junior Course closes.  
 " 24.—Results of Examinations published in daily press.

### 1895.

- Jan. 3. }  
 " 4. } Supplemental Junior Examinations.  
 " 8.—Lectures of Senior Course begin.  
 " 17.—Laboratory Course begins.  
 Feb. 5.—Sitting of College Council for granting diplomas begins.  
 Mar. —.—Good Friday—Holiday.  
 May 1.—Laboratory Course terminates.  
 " 4.—Senior Course closes.  
 " 6.—Semi-Annual Examinations for diplomas begin.  
 " 18.—Results of Senior Examinations published in daily press.  
 " —.—University Examination for degree Phm. B. begins.  
 June —.—University Annual Commencement.  
 Faculty meets first Thursday in each month.

### President

- WM. ELLIOT  
 BENJ. LYMAN  
 BENJ. LYMAN  
 BENJ. LYMAN  
 WM. ELLIOT  
 WM. SAUNDE  
 HUGH MILLI  
 NEIL C. LOV  
 E. HARVEY.  
 R. W. ELLI  
 HARRY SHER  
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**EX-OFFICERS AND DATES OF OFFICE.**

<i>President</i>		<i>Vice-President.</i>
WM. ELLIOT.	1871.	HUGH MILLER.
BENJ. LYMAN.	1871—1873.	T. BICKLE.
BENJ. LYMAN.	1873—1875.	WM. SAUNDERS.
BENJ. LYMAN.	1875—1877.	NEIL C. LOVE.
WM. ELLIOT.	1877—1879.	WM. SAUNDERS.
WM. SAUNDERS.	1879—1881.	NEIL C. LOVE.
HUGH MILLER.	1881—1883.	G. J. WAUGH.
NEIL C. LOVE.	1883—1885.	E. HARVEY.
E. HARVEY.	1885—1887.	R. W. ELLIOT.
R. W. ELLIOT.	1887—1888.	W. B. SANDERS.
HARRY SHERRIS.	1888.	JNO. A. CLARK.
JNO. A. CLARK.	1888—1889.	W. B. SANDERS.
JNO. A. CLARK.	1889—1891.	JOHN J. HALL.
JOHN J. HALL.	1891—1893.	JOHN W. SLAVEN.

W. H. DUNSPAUGH,	...	1871	...	...	<i>Treasurer.</i>
H. J. ROSE,	...	1871	...	...	<i>Registrar.</i>
GEO. HODGETTS,	...	1871—75	...	...	<i>Treasurer.</i>
K. A. MILLER,	...	1875—79	...	...	<i>Treasurer.</i>
GEO. HODGETTS,	...	1873—79	...	...	<i>Registrar.</i>
GEO. HODGETTS,	...	1879—88	...	...	<i>Registrar-Treasurer.</i>
I. T. LEWIS	...	1888—94	...	...	<i>Registrar-Treasurer.</i>

1894.

**COUNCIL AND OFFICERS**  
**ONTARIO COLLEGE OF PHARMACY.**

*President.*

A. B. PETRIE . . . . . Guelph, Ont.

*Vice-President.*

J. H. MACKENZIE . . . . . Yonge St., Toronto.

*HALL, JOHN J . . . . .	Woodstock, Ont.
CLARK, JOHN A. . . . .	Hamilton, Ont.
DANIEL, C. D. . . . .	King St., Toronto.
D'AVIGNON, J. E. . . . .	Windsor, Ont.
WATTERS, HENRY . . . . .	Ottawa, Ont.
HARGREAVES, JAMES M. . . . .	Paisley, Ont.
SHUFF, J. G. . . . .	London, Ont.
MCGREGOR, C. K. . . . .	Brantford, Ont.
McKEE, JOHN . . . . .	Peterborough, Ont.
MACLAREN, D. H. . . . .	Barrie, Ont.
POLSON, N. C. . . . .	Kingston, Ont.

*Registrar-Treasurer.*

ISAAC T. LEWIS . . . . . Gerrard St. E., Toronto.

*Solicitors.*

EDGAR &amp; MALONE . . . . . Cor. Colborne and Yonge Sts.

*Curator.*

WM. YOUNG . . . . . McGill St.

<i>Chairman of Education Committee</i> . . . . .	C. D. DANIEL.
<i>Chairman of Executive and Finance Committee</i> . . . . .	J. H. MACKENZIE.
<i>Chairman of By-laws and Legislation Committee</i> . . . . .	C. K. MCGREGOR.
<i>Chairman of Infringement Committee</i> . . . . .	HENRY WATTERS.

\* Deceased.

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., Toronto.

Yonge Sts.

McGill St.

D. DANIEL.

H. MACKENZIE.

K. MCGREGOR.

HENRY WATERS.

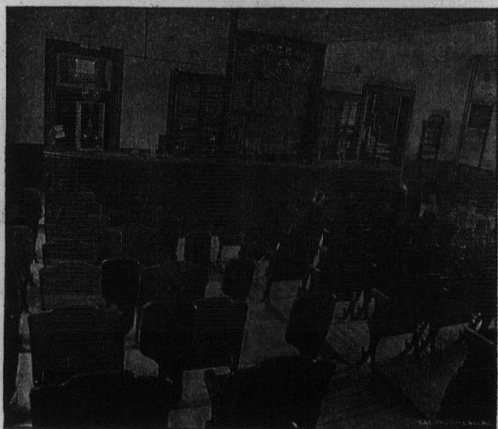
**FACULTY.**

CHAS. F. HEEBNER, PHM. B. (Tor.), PH. G. (N.Y.),  
*Dean and Professor of Theory and Practice of Pharmacy. Director of  
Pharmaceutical Laboratory.*

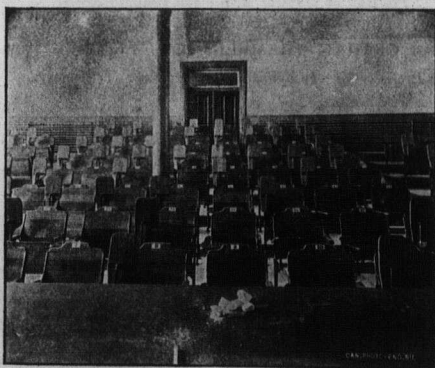
A. Y. SCOTT, B.A. (Tor.), M.D., C.M. (Trin.),  
*Professor of Chemistry and Botany.*

J. T. FOTHERINGHAM, B.A., M.B. (Tor.), M.D., C.M. (Trin.),  
*Professor of Materia Medica and Pharmacognosy.*

GRAHAM CHAMBERS, B.A., M.B. (Tor.),  
*Professor of Analytical Chemistry and Toxicology.*



LECTURE ROOM—PHARMACY AND CHEMISTRY  
(FIRST VIEW)



LECTURE ROOM—PHARMACY AND CHEMISTRY  
(SECOND VIEW)

## REGULAT

Every pers  
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**REGULATIONS REGARDING APPRENTICESHIPS COMMENCED AFTER MARCH 23rd, 1889.**

Every person who may be desirous of becoming apprenticed to a regularly qualified pharmaceutical chemist, must before the term of his apprenticeship begins, send to the Registrar of the College the sum of one dollar, together with a certificate or other evidence satisfactory to the Council, showing that the applicant has previously passed an examination on the following subjects:

**ARITHMETIC.**—Reduction; proportion, simple and compound; fractions, vulgar and decimal; square root.

**MENSURATION.**—Areas of rectilineal figures; volumes of parallelepipeds.

**ALGEBRA.**—Elementary rules; greatest common measure; least common multiple; fractions; simple equations of one unknown quantity.

**GEOGRAPHY.**—Political, physical and mathematical.

**ENGLISH.**—Grammar and composition.

The above requirements having been complied with, the applicant, on engaging himself by a written contract with a regularly qualified pharmaceutical chemist, then legally begins a period of apprenticeship, in which relation he must serve for a term of four years.

In order to become a candidate for the Council Examinations, the applicant must have attended two courses of lectures, comprising the following subjects, viz.:—Pharmacy, chemistry, materia medica, botany, and reading and dispensing of prescriptions; the first course at the Ontario College of Pharmacy, or at any college of pharmacy or school of medicine approved of by the Council; and the second or senior course at the Ontario College of Pharmacy.

The time occupied in attending the first course of lectures only, will be credited as a portion of the term of apprenticeship.

In case any apprentice shall, by reason of the death, failure in business, or removal of his employer, or from any other cause satisfactory to the Council, be unable to complete his term of apprenticeship with such employer, such person shall be at liberty, when and as often as this may happen, to enter into a new contract to complete the remainder of the unexpired term with any other regularly qualified pharmaceutical chemist.

It must be borne in mind that no one is eligible to the Diploma of this College until the age of twenty-one years has been attained; apprenticeship may, however, commence at any age.

**REGULATIONS GOVERNING APPRENTICESHIP COMMENCED PRIOR TO MARCH 23rd, 1889.**

*Special regulations* will govern all persons having commenced a term of apprenticeship prior to March 23rd, 1889 (the date of adoption of the Amendments to the Pharmacy Act of 1884), and who were duly and properly registered previous to the date mentioned.

The term of office, as apprentice, for all such, is three (3) years.

Attendance at College is not obligatory, but is *strongly urged in the interest of the apprentice*, and all who shall avail themselves of the advantages of a full Junior and Senior Course, and who shall pass the Final or Council Examination, will become the recipients of the diploma of new design, which will record the fact that they have received a regular and systematic pharmaceutical education.

The student will not, however, receive credit for the time thus spent in attendance at the course of lectures, as applying to his term of apprenticeship.

In order to become a candidate for the Final or Council Examination (held in December, 1894, or May, 1895), the applicant must furnish the Registrar with satisfactory evidence of having, in pursuance of a binding contract in writing for that purpose, completed an apprenticeship under a regularly qualified pharmaceutical chemist, extending over a term of three years, and must forward to the same officer the sum of ten dollars (\$10) with an application for examination filled out in his own handwriting on a printed form which may be obtained by application to the Registrar.

In case any apprentice shall, by reason of the death, failure in business, or removal of his employer, or from any other cause satisfactory to the Council, be unable to complete his term of apprenticeship with such employer, such person shall be at liberty, when and as often as this may happen, to enter into a new contract to complete the remainder of his unfulfilled term with any other regularly qualified pharmaceutical chemist.

## EXAMINATIONS.

### MATRICULATION EXAMINATION.

#### SECTION I.

Applicants for admission to the lectures of either course, and who intend to obtain the diploma of the College, will be required to pass a matriculation examination, unless exempted from such examination by virtue of representing one or more of the conditions mentioned in the List of Exceptions (*vide* Sec. ii.)

The names and lists of the several branches in which matriculants shall be examined, are as follows:

ARITHMETIC.—Reduction; proportion, simple and compound; fractions, vulgar and decimal; square root.

MENSURATION.—Areas of rectilinear figures; volumes of right parallelepipeds.

ALGEBRA.—Elementary rules; greatest common measure; least common multiple; fractions; simple equations representing one unknown quantity.

ENGLISH.—Grammar and composition.

LATIN.—Familiarity with terms used in ordinary Latin prescriptions.

The date of the Matriculation Examination will be September 11th, 1894, and will be held in the College building.

The examination will commence promptly at 10 a. m., continuing for three hours, and will be conducted in writing.

All persons not required to register with the Dean of the High School of the College reserves the right to should there be and subject to

The following

1. Apprenticeship, 1892.

2. Student of the College of Pharmacy.

3. Apprentice, as amended in 1892.

4. Matriculation of the College.

5. Holder of a Diploma in Education Department.

passed an examination in the latter.

All persons who register their names shall be duly appraised on September 13th.

The Junior

the conclusion of the student can be held in January to pass in 1894.

Students who have passed in pharmacy or in examination at the Council, to the Council,

This examination will be held in the College building.

Supplemental

This examination will be held in the College building.

conduct business which shall not be the second Tuesday of the Board of Examiners.

This examination will be held in the College building.

conduct business which shall not be the second Tuesday of the Board of Examiners.

This examination will be held in the College building.

conduct business which shall not be the second Tuesday of the Board of Examiners.

This examination will be held in the College building.

## SECTION II.

## EXCEPTIONS TO THE ABOVE REQUIREMENTS.

All persons who may come under one or more of the following conditions are not required to pass the Matriculation Examination, and can matriculate by furnishing the Dean with properly authenticated certificates from the Head Master of a High School or Collegiate Institute, or from other satisfactory sources, as evidence of the qualifications prescribed, and on payment of the specified fee. The College reserves the right, however, in all cases to decline the recognition of any certificate, should there be doubt regarding the character of a diploma or certificate submitted, and subject the applicant to an examination.

The following are exempt from the examination :

1. Apprentices whose terms of service shall have been completed by October 1st, 1892.
2. Students who have attended a previous course of lectures at the Ontario College of Pharmacy.
3. Apprentices who have passed the Preliminary Examination specified in the amended Pharmacy Act (1889).
4. Matriculants in Arts and Medicine in any British or Colonial University or College.
5. Holders of second or third-class non-professional certificates issued by the Education Department of Ontario; or persons who can furnish evidence of having passed an examination at least equivalent to the general standard required for the latter.

All prospective students coming under the above exception must, however, register their names with the Registrar of the College, after their certificates have been duly approved by the Council; they need not appear for registration before September 13th, at 9 a.m.

## JUNIOR EXAMINATION.

The Junior Examination will be held by the members of the College staff at the conclusion of the Junior Course in December, and must be passed before the student can be admitted to the Senior Course. A Supplemental Examination will be held in January prior to the commencement of the Senior Course, for those failing to pass in December.

Students who have attended a course of lectures at some recognized college of pharmacy or school of medicine, and can submit evidence of having passed an examination at the conclusion of their studies, may, if such evidence be satisfactory to the Council, enter on the Senior Course without further examination.

This examination will be held on December 4th, 13th, 14th and 15th, and the Supplemental on January 3rd and 4th.

## SENIOR OR FINAL EXAMINATION.

This examination is held semi-annually by examiners appointed by the Council of the College, and must be passed before the candidate can be allowed a license to conduct business in Ontario. It shall be held commencing on the first Monday, which shall not be later than a week after the close of the College in May, and on the second Tuesday in December, or at such other dates during these months as the Board of Examiners may appoint.

The Council of the College established in 1892 the following regulations for an examination in practical chemistry.

The examination shall be required only from candidates who have taken full Junior and Senior Courses at the College, and are entitled to the diploma of new design, which certifies that a regular course of instruction has been obtained at the College, and also from candidates registered as apprentices under the provisions of the amendment to the Pharmacy Act in 1889. All candidates who successfully pass this examination, may, on applying to the Registrar, obtain a certificate of examination in addition to this diploma of new design. Any candidate who had commenced his apprenticeship prior to March 23rd, 1889, and who may not succeed in passing this examination, shall not be debarred from obtaining registration, providing he has successfully passed the examination in the other six subjects, as defined in College By-law, Sec. 13; but he shall not be entitled to receive the diploma of new design.

The following shall be the limit of the aforesaid examination:—

A knowledge of the articles used in chemical testing.

Preparations of the test solutions.

The qualitative analysis of the more important chemicals and detection of impurities in them.

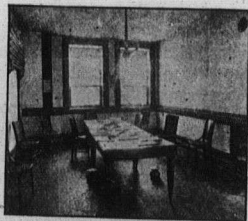
The qualitative examination of unknown officinal salts or mixture of salts in the state of powder or solution, having well marked characteristic reactions.

Preparation of solutions used in volumetric estimation of the strength of pharmacopœial preparations, and the practical application of these solutions in testing their strength.

Detection of the alkaloids.

The maximum number of marks attainable in this subject shall be 100, and the candidate must obtain not less than 50 marks to pass.

The time allowed for examination shall be three hours, or as much longer as the examiner may permit; an oral examination may be permitted, at the option of the examiner; standard works of reference or notes may be allowed the candidate for use in the examination at the discretion of the examiner.



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**MEDALS.**

Seven medals are offered for competition at the Senior Examination in May only, and are open to all students who have attended two full terms at the Ontario College of Pharmacy, who have not failed at any previous examinations, and who have made pass marks on the Practical Chemistry Examinations.

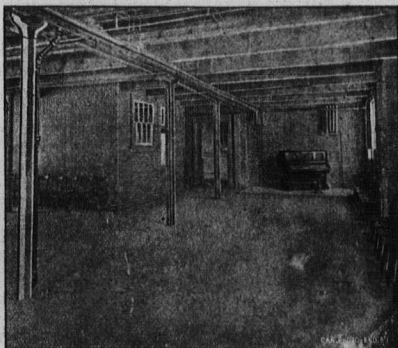
GENERAL PROFICIENCY, (first)	COLLEGE GOLD MEDAL.
" " (second)	COLLEGE SILVER MEDAL.
DISPENSING MEDAL	Presented by MR D'AVIGNON.
PHARMACY MEDAL (practical included)	Presented by PROF. HEEBNER.
CHEMISTRY MEDAL (practical included)	Presented by DR. CHAMBERS.
MATERIA MEDICA MEDAL	Presented by DR. FOTHERINGHAM.
BOTANY MEDAL	Presented by DR. SCOTT.

The College Gold Medal will be awarded to the candidate making the highest number of marks of not less than seventy-five per cent. of the total; the Silver Medal to the student attaining the next highest number of marks with not less than seventy per cent. of the total.

The Special Subject Medals will be awarded to the students making the highest number of marks in the respective subjects of not less than seventy-five per cent. of the total in all subjects; the marks for term work will be considered in awarding the Pharmacy and Chemistry Medals.

**APPOINTMENT OF ASSISTANTS.**

The appointment of students as assistants in each of the practical laboratories to aid the professors in their work will be made soon after the opening of the session. Librarians will be appointed by the Dean.



RECREATION ROOM

### FEES.

MATRICULATION OR ENTRANCE FEE . . . . . \$2.00.

To be forwarded with application to the Registrar by all students wishing to enter, whether by examination or certificate. It is payable once only, but in the event of failure to pass the examination it will not be returned, but the candidate shall be allowed a second examination without any further payment.

GENERAL LECTURE TICKET—

Junior Course, including fees for Laboratory Chemicals, etc. \$42.00  
Senior Course, " " " " 53.00

This includes attendance on all the lectures and obligatory laboratory courses ; payable strictly in advance.

EXAMINATION FEE FOR DIPLOMA, . . . . . \$10.00

This fee must be paid for each examination, and includes the Diploma. It must be paid to the Registrar at least two weeks before the date of such examination. The charge for engrossed Diploma other than Examination Diploma shall be two dollars (\$2).

DEPOSIT FEE FOR LABORATORY APPARATUS, ETC., . . \$5.00 for each term.

This amount will be returned to each student at the close of the term, less the amount deducted for breakage, ordinary wear and tear of appliances, damage or fines imposed.

SPECIAL LECTURE TICKET IN ANY DEPARTMENT,

This will be issued to such students as wish to perfect themselves in any one or more of the branches taught in this College. Fees will be arranged by the Dean, Professor of the Department and the Registrar.

REDUCTION OF FEES TO STUDENTS WHO HAVE ATTENDED TWO COURSES OF INSTRUCTION.

Students desiring to attend the College, who have attended full courses during any previous term, will be allowed a reduction of forty per cent. from the regular term fees, and will not be required to pay the Matriculation Fee ; the Laboratory Deposit Fee, specified before, must, however, in all cases be placed in the hands of the Registrar. The above reduction will, however, not apply when instruction is desired in special subjects.

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# SYLLABUS

## GENERAL CHEMISTRY.

PROF. A. Y. SCOTT.

Lectures will be delivered on chemistry according to the time table (p. 8). The course will be so arranged that the student attending the full course of theoretical and practical work shall have acquired a satisfactory acquaintance with the science, and such as to enable him to do his post-graduate reading with that intelligence and relish which is the mark of a thorough student.

During the Junior Term, lectures will be confined to the non-metallic elements and their compounds, and during the Senior Term to the chemistry of the metals and of the carbon compounds.

Each element and compound will be treated as far as possible in the following way:—History and discovery, occurrence, preparation, properties (physical and chemical), impurities, tests, uses in the arts and medicine, etc. No compound will be taken up until the elements composing it have been touched upon.

The object being to render this course as practical as possible, some substances will be treated more in detail and fully illustrated by experiments on the lecture table.

Special attention will be paid to those substances used in the British Pharmacopœia.

### JUNIOR COURSE.

#### NON-METALLIC ELEMENTS.

Historical introduction, relation of chemistry to physics, general principles of the science, such as laws of chemical combination, diffusion of gases, atomic theory, nomenclature, etc.

The elements and the compounds of these in following order:

Hydrogen, Chlorine, Bromine, Iodine, Fluorine, Oxygen, Sulphur, Selenium, Tellurium, Nitrogen, Phosphorus, Arsenic, Boron, Silicon, Carbon.

#### PHYSICS.

Lectures will be given on Saturday morning throughout the Junior Course only and will embrace the following:

Introduction, definition and properties of matter, force, mechanical principles, phenomena of attraction, adhesion, cohesion, etc.

General properties and laws of liquids and gases, and the practical application of these in barometers, pumps, etc.

General properties and laws of heat, dealing with its application to everyday industries, and then with the change of state undergone by bodies, and the results which follow its application; thermometers, engines, etc.

General properties and laws of light, mirrors, lenses, optical instruments, such as microscope, etc., optics of human eye and photography.

Magnetism, magnets, compasses, etc.

Electricity, electrical machines and accumulation of electricity, batteries, frictional electricity, etc.

This course will be made as practical as possible, care being taken not to lose sight of the laws which underlie all natural phenomena.

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#### SENIOR COURSE.

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##### METALS.

The metals, metallic alloys, amalgams; general properties, as specific gravity, melting point, crystalline form, fracture, lustre, opacity, color, ductility, conductive power of heat and electricity, atomic heat, etc.

*Classification of the Metals.*—Hydroxides or Hydrates; Oxides, Acids, Salts: general properties of these.

Metals will be taken up under the following groups:—

*Alkali Group.*—Potassium, Sodium, Lithium, Rubidium, Cæsium, Ammonium.

*Alkaline Earths.*—Calcium, Strontium, Barium.

*Magnesium Group.*—Magnesium, Zinc, Beryllium, Cadmium.

*Lead Group.*—Lead, Thallium.

*Copper Group.*—Copper, Silver, Mercury.

*Cerium Group.*—Cerium, Yttrium, Lanthanum.

*Aluminum Group.*—Aluminum, Indium, Gallium.

*Iron Group.*—Iron, Manganese, Cobalt, Nickel.

*Chromium Group.*—Chromium, Molybdenum, Tungsten, Uranium.

*Tin Group.*—Tin, Titanium, Zirconium, Thorium.

*Antimony Group.*—Vanadium, Antimony, Bismuth, Tantalum, Niobium.

*Gold Group.*—Gold, Platinum, Palladium, Indium, Rhodium, Ruthenium, Osmium.

Spectrum Analysis, natural arrangement of the elements, etc.

##### CARBON COMPOUNDS.

Historical introduction, definition of organic chemistry, nature and sources of organic compounds. Formulæ—Empirical, molecular, typical and graphic. Analysis—Elementary and proximate. Calculations of analysis and formulæ. General principles of classification of the carbon compounds—Isomerism, metamorphism, polymerism. Physical properties, boiling point, melting point. Optical properties.

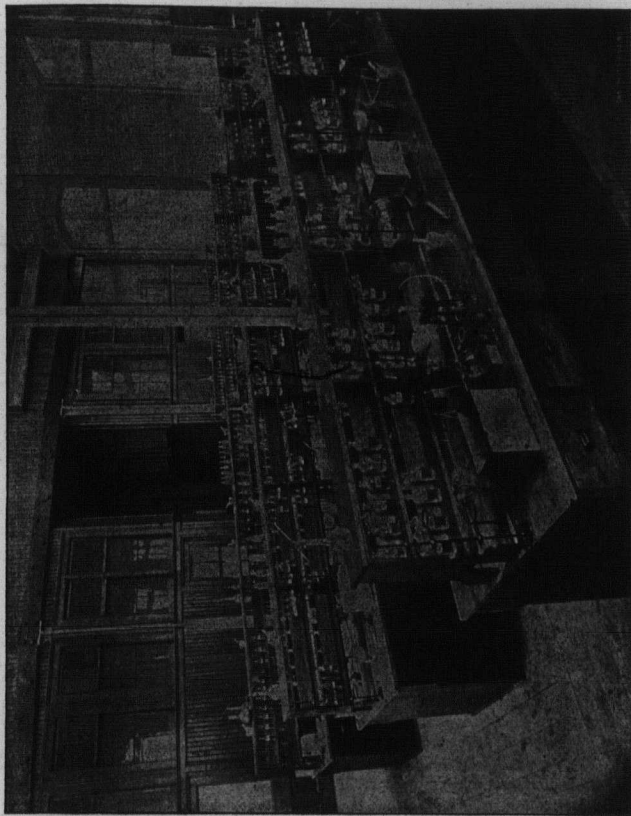


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PORTION OF CHEMICAL LABORATORY.

## I.—FATTY COMPOUNDS.

*Hydrocarbons.*—Names and classification; Paraffin, Petroleum, Vaseline, etc.; manufacture of Petroleum products, uses, tests, methods of testing illuminating oils.

*Alcohols.*—Methyl and Ethyl Alcohols, preparation, uses, tests, fermentation changes, Fusel Oil, Wines, Liquors, etc.; Haloid Ethers, higher monatomic, diatomic and triatomic alcohols and ethers; Chloroform, Bromoform, Iodoform, Glycerin, Nitro-Glycerin, Fats and Soaps, Butter, Oleomargarine; Hexatomic Alcohols and Ethers, Carbohydrates, Glucoses, Sugars, Starch, Cellulose, Gums, etc.

*Aldehydes.*—Chloral Hydrate, Croton Chloral Hydrate, Ketones.

*Acids.*—Formic, Acetic, Oxalic, Lactic, Tartaric, Citric.

*Amines and Amides.*

## II.—AROMATIC COMPOUNDS.

## GENERAL PROPERTIES.

*Hydrocarbons.*—Benzol, Naphthalene, Anthracene, etc.

*Haloid Ethers.*—Cyanogen, nitro, amido-derivatives, azo, diazo and hydrazine compounds, sulpho-derivatives.

*Alcohols and Phenols.*—Carbolic Acid, Naphthol, Resorcin, Quinone, Hydroquinones, etc.

*Aldehydes and Ketones.*

*Acids.*—Benzoic, Toluic, Salicylic, Gallic, Tannic, etc.

*Terpenes.*—Camphors, Menthol, volatile and essential oils.

*Resins.*—Balsams, Glucosides and bitter principles.

*Alkaloids.*—Conine, Nicotine, Opium, Cinchona, Strychnine, etc.; bases; coloring matters and dye stuffs, aniline, braziline, chlorophyll, etc.

*Albuminoids and Gelatinous Bodies.*—Albumin, Fibrin, Casein, Globulin, Myosin, Gluten, Gelatin.

*Animal Chemistry.*—Bones, Blood, Gastric Juice, Bile, Milk, Urine, etc.

## PRACTICAL CHEMISTRY.

PROF. GRAHAM CHAMBERS.

## JUNIOR COURSE.

The work in this department will commence with a series of experiments in elementary physics, including the following:—

The general effect of heat upon solids and liquids.

Determination of the melting points of solids, and the boiling points of liquids.

The effect of atmospheric pressure on the boiling points of liquids.

Determination of the specific heats and latent heats of solids and liquids. Use of the calorimeter.

The course in practical chemistry will commence with a study of the elementary principles, such as the use of the bunsen burner, solution, solvents, crystallization, precipitation, filtration, decantation, washings, evaporation, distillation, sublimation, fusion, deflagration, etc.

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The use of the blow pipe; parts of a gas flame, oxidizing flame, reducing flame. Elements of blow pipe analyses; formation of beads on loop of platinum wire; glass working and blowing.

The preparation, properties, and reactions of the so-called non-metallic elements and their compounds. Hydrogen, Chlorine, Bromine, Iodine, Oxygen, Sulphur, Nitrogen and Phosphorus. The study of the properties and reactions of the inorganic acids.

Study of the properties and reactions of the metals and their compounds.

#### SENIOR COURSE.

Classification of the metals into groups and detection and separation of the metals in each group.

Considerable time will be given in aiding the student to become proficient in determining the composition of unknown simple salts, and detecting the impurities commonly found in them.

Systematic course for the detection and separation of the inorganic acids and more frequently occurring organic acids.

The following organic compounds will be studied in detail: Ethyl Alcohol, Sulphuric Ether, Acetic Ether, Chloroform, Chloral Hydrate, Cane Sugar, Grape Sugar, Milk Sugar, Starch, Benzine, Phenol, Resorcin, Aniline, Antifebrin, Oil of Wintergreen, Salol, Betol, Salicin, Naphthol and Naphthalene.

*Quantitative Analysis.*—Principles of the gravimetric process, and of volumetric analysis; preparation of standard solutions; practical application of these solutions in the estimation of the strength of some of the British Pharmacopœia preparations.

*Analysis of Potable Waters.*—Standards of purity; qualitative examination of mineral waters.

*Urinary Analysis.*—Detection of Albumen, Mucin, Sugar, Phosphates, Bile, Acids, etc.

*Quantitative Estimation.*—Of Sugar and of Urea.

#### TOXICOLOGY.

PROFESSOR CHAMBERS.

Definition of a poison. Classification of poisons.

Each poison will be discussed as to its dangerous and probable fatal dose; symptoms of poisoning, antidotes, treatment and detection.

The action of some of the more common poisons will be illustrated practically by experiments on lower animals.

The practical work will be taken up during the hours assigned to practical chemistry, and will include the following:—

Systematic course for the detection and separation of inorganic poisons.

The study of the properties and reactions of organic poisons, including the alkaloids and ptomaines.

Methods for the detection of poisonous alkaloids.

Especial reference will be given to the methods of extraction of poisons from organic substances, such as occur in ordinary toxicological analyses.

## THEORY AND PRACTICE OF PHARMACY.

PROF. CHAS. F. HEEBNER.

### JUNIOR COURSE.

Lectures of the Junior Course will be delivered according to time-table.

After an introductory lecture on the outline history of Pharmacy, the Pharmacopœia, and pharmaceutical legislation, and a consideration of the text books and works of reference of service to the pharmacist, the classification and naming of drugs in general, and the contrast between modern and ancient pharmacy, the following subjects will be considered, viz. :—

*Metrology.*—Weight, weighing, systems of weight in use; the balance, its construction, verification, care and use; classification of scales as to mechanism involved; the metric system; measures, forms, uses and verification; systems, imperial, wine and metric; measuring.

*Specific Gravity.*—And methods for determination in connection with both solids and liquids. Hydrostatic balance; pycnometers; hydrometers; loaded cylinder, etc.; calculations.

*Specific Volume.*—Principle and practical application. Rules for averaging mixtures. Calculations.

*Botanical Drugs.*—Collection, desiccation, curing, garbling, tests for quality, etc.

*Mechanical Subdivision of Drugs.*—Comminution, contusion, trituration, grinding, drug-mills, levigation, separation of powders, sifting, elutriation, degrees of fineness; mortar and spatula, construction and correct use.

*Heat.*—Its determination, sensible and latent heat; thermometers, their construction; comparison of thermometric scales; sources of heat and its use in pharmacy; combustion of solids, liquids and gases in the great variety of heating apparatuses; bunsen burner, blow-pipe; crucible and other media of application.

*Processes Requiring a High Heat.*—Ignition, incineration, calcination, de-hydration, fusion, determination of fusing-point, torrefaction, roasting, reduction, deflagration, oxidation, carbonization, sublimation.

*Methods for Equalizing and Controlling Heat.*—Baths, water, saline, steam, oil-glycerin, paraffin, hot-air, sand, card-teeth, gauze, asbestos, etc., constant temperature regulators.

*Vaporization.*—Ebullition, boiling point and its determination, evaporation, conditions affecting the process, appliances for hastening spontaneous evaporation, evaporation *in vacuo*.

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*Distillation and its Uses.*—Simple, fractional and destructive distillation; structure and method of employing the various forms of distillatory apparatus applicable to the chemical and pharmaceutical processes of the Pharmacopœia. Rectification. Cohobation.

*Sublimation.*—Sublimates; powder and cake. Condensers; Liebig, dome and others.

*Solution.*—Simple, chemical, complex, saturated, super-saturated, means for facilitating, circulatory displacement, solvents. Refrigerating mixtures.

*Gases.*—Their generation, purification, collection, condensation, desiccation, and absorption.

*Filtration.*—Various filtering media with their general and specific uses; methods of conducting filtration; folding of paper filters; rapid filtration by use of pressure, aspirator, or vacuum pump; hot filtration; colation. Funnels; construction, selection and uses.

*Clarification.*—Methods as applied to various typical liquids; deodorization; decolorization.

*Decantation.*—The siphon and its uses; various kinds of siphons; guiding-rods, etc. Separating funnels. Florentine receivers.

*Dialysis.*—Construction of dialyser; osmosis, endosmosis, exosmosis, crystalloids, colloids, septa, etc.

*Precipitation.*—Objects and uses; separation, washing, drying and weighing of precipitates; affusion, decantation.

*Crystallization.*—Methods of effecting; hydrous and anhydrous crystals; water of crystallization; morphism; growth and size of crystals; recrystallization; granulation; deliquescence; efflorescence. Crystallography.

*Extraction.*—Principles involved; extractive, its determination and modifications; apotheme; methods of extraction; maceration, digestion, infusion, decoction, lixiviation, percolation. Expression.

*Percolation.*—Brief history and theories; principles involved; construction of percolators; requisites for satisfactory percolation to exhaustion; menstrua, determination of alcoholic strength; fluid extracts; estimation of cost to manufacture; tests for exhaustion; controlling flow of percolate. Pressure percolation, consideration of its advantages and disadvantages. Fractional and re-percolation. Recovery of alcohol from marc; testing percolates, etc.

#### SENIOR COURSE.

*Senior Lecture Course.*—Lectures will be delivered on Wednesdays and Saturdays at 10.15 o'clock a.m.

The mode of teaching, which educates the mind through impressions made on the eye, is now universally regarded as one of the most effective means of imparting knowledge. Through both courses this kind of instruction will be largely used; and the syllabic tables, drawings on cloth in colors, reactions, tests, views, etc., projected upon the screen by means of the oxy-hydrogen lantern, will, it is believed, add greatly to the usefulness and interest of the lectures.

One of the special features of this course will be the study of incompatibility, as viewed from chemical, pharmaceutical, and physiological standpoints.

The subject-matter of the lectures of the Senior Session will be divided into two heads, namely, inorganic and organic drugs, and will embrace a careful study of the important Galenical and other pharmaceutical preparations, whether official or unofficial, giving methods of preparation, physical characteristics, internal structure, reactions, uses, doses, impurities, adulterations, and sophistications of each, which will be considered in detail.

A brief synopsis of this course is here given :—

Classification and consideration of pharmacopœial preparations ; liquids, solids.

*Inorganic*.—Mineral acids and their preparations.

Preparation of the salts of the alkali metals. Volumetric and gravimetric assaying. Volumetric Solutions.

*Organic*.—*Alkaloids*, sources, methods of isolation and identification ; alkaloidal salts, physical and chemical characteristics ; assaying of alkaloidal drugs and their preparations in general and specifically. The artificial alkaloids and other new remedies : Carbon Compounds, Acetanilidum, Phenacetinum, Phenazonum, Sulphonal, Paraldehyd, Glusidum, etc.

*Glucosides* : physical and chemical properties ; official and unofficial glucosides ; decomposition products.

*Inorganic*.—*Alkali-earths* : preparations of calcium, magnesium, barium, strontium, cerium.

Preparations of the halogens, and of cyanogen, sulphur, phosphorus.

*Metals* : Preparations of zinc, copper, iron, arsenic, antimony, bismuth, silver, mercury, lead, etc.

#### ORGANIC PHARMACY.

*The Cellulin Group*.—Cellulin, its modifications and decomposition products, gossypium, pyroxylin, collodia, chartæ, parchment paper, oxalic acid, etc.

*Destructive Distillation of Cellulin*.—Acetic acid, methyl alcohol, tars, creasote, carbolic acid, salicylic acid, salol, oils of cade and amber, charcoals, etc.

*Amylaceous and Saccharine Groups*.—Carbohydrates, their relationships and decomposition products ; starches, dextrin, glucose, sugar, honey, etc.

*Plant Exudations and their Manipulatory Products*.—Gums, resins, oleo-and-gum ; turpentine, terebene, terpin hydrate ; balsams, emulsions, benzoic acid, etc.

*Fermentation and its Products*.—Ferments, malt, yeast, alcohols, rectified and proof spirit ; wines, argols, tartaric and citric acids, spirituous liquors.

*Alcohol Derivatives*.—Ethers, spts. æth. co., spts. nitrous ether, amyl nitrite, chloral hydrate, chloroform, iodoform, etc.

*Volatile Oils*.—Will be fully and specifically considered ; natural and synthetic oils ; impurities and adulterations ; means of detection ; stearoptens, official and non-official.

*Fixed Oils and Fats*.—Preparation, purification, physical properties, chemical composition, liquid and solid fats ; waxes ; ointment bases.

*Saponification Products*.—Soaps, glycerin, glonoin, oleic acid, oleates and oleo-palmitates.

*Animal Drugs*.—Pepsins, pancreatin, trypsin, cantharis, coccus, cetaceum, castoreum, civet, ambergris, hæmaglobin, ox gall, lactic acid, isinglass, gelatin, cod liver oil, etc.

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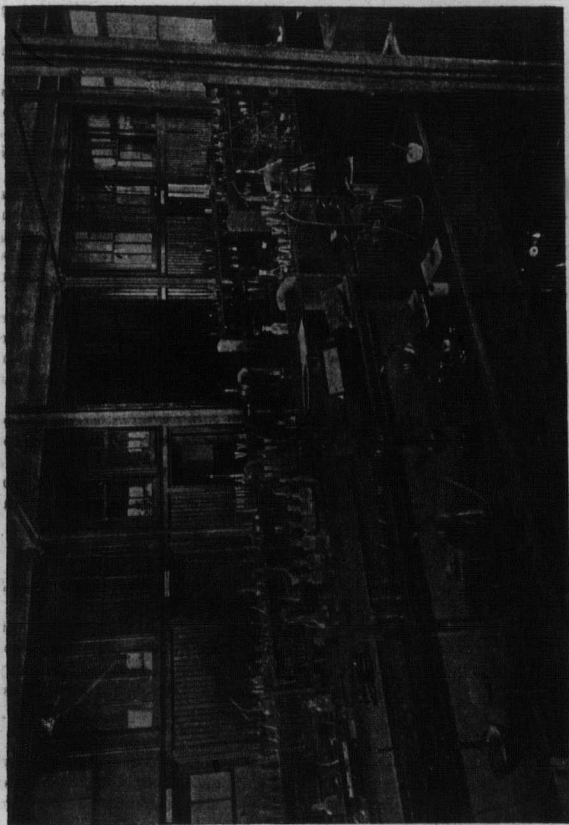
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PORTION OF PHARMACEUTICAL LABORATORY.

**PRACTICAL PHARMACY. PHARMACEUTICAL CHEMISTRY**

PROF. CHAS. F. HEEBNER.

The value of theoretical instruction and lecture demonstration depends largely upon the opportunities which the individual student may have of applying the knowledge so gained. Many disappointments and failures in manipulation result wholly from lack of practical experience.

Great importance is attached to manipulative or technical skill, and, recognizing the difficulties which stand in the way of its attainment during the ordinary course of apprenticeship in the average drug store, it has been determined to make the instruction in the Pharmaceutical Laboratory of a thorough and practical kind.

To this end, work of an entirely practical nature has been selected for the laboratory exercises, including operations which, while typical of a class, can also be profitably repeated on a commercial scale with the apparatus and facilities which should be found in every retail establishment. The course has been arranged systematically upon this basis, keeping in mind the necessity of commencing with the more elementary general operations, and teaching correct methods of executing them, and proceeding to the more difficult.

The College places great emphasis on the practical value and importance of the laboratory work, and *regular and punctual attendance* on the part of students is demanded. The manipulations will be demanded by the students, individually, under the guidance of the Director, by whom the work done will be accurately rated.

*A deposit of five dollars will be required from each student at the commencement of the laboratory course, to cover all breakage, damage or waste.* The balance not so expended will be returned to the student at the expiration of the term. At any time, however, when the breakage, etc., shall exceed the above amount, a new deposit will be required. A charge will be made for ordinary wear and tear of apparatus that is constantly depreciating by use.

It is intended that each student shall receive individual instruction, and to this end the class is divided into two sections,

*Section 1 will meet on Monday and Thursday mornings at ten o'clock, and Section 2 on Tuesday and Friday at the same hour.*

At each exercise, before proceeding with the practical work, a short lecture and practical demonstration will be given, explaining in detail the various steps of the manipulatory exercise about to follow; the difficulties which will be likely to present themselves will be noticed, and the methods of overcoming them explained.

**JUNIOR LABORATORY COURSE.**

This course includes practical work in weighing, measuring, specific gravity, standardizing of thermometers, making specific gravity bottles, and the manufacturing of pharmacopœial chemicals or preparations, illustrating one or more of each of the pharmaceutical processes described in the didactic course, including the following:—Solution, precipitation, decantation, filtration, clarification, crystallization, dialysis, circulatory displacement, evaporation, sublimation, distillation, maceration, percolation, re-percolation, ignition, oxidation, calcination, fusion, carbonization, etc.

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**CHEMISTRY****SENIOR LABORATORY COURSE.**

Besides giving due consideration to those pharmacal preparations which can be properly and profitably prepared by the retail pharmacist, particular pains will be taken to instruct the student how to prepare many pharmaceutical chemicals and elegant preparations which he has not ordinarily the opportunity to learn and make in a retail store. The course will be completed by giving each student a thorough drill in the art of reading, recognizing incompatibles, and compounding and dispensing of physicians' prescriptions. Metrical preparations will receive full consideration. The class will be instructed in the preparation of Chemical Solutions, Syrups and Elixirs, Spirits, including Spirit of Nitrous Ether, Ether, Iodoform, etc.; Masses and Pills, also coating of pills; Capsules, Suppositories, Cerates, Ointments, Plasters, Emulsions, Scale and Crystal Salts of Iron, salts of various metals and their purification. Organic and Inorganic Acids, Alkaloids, Resins, Collodions, Oleates, and Oleo-palmitates, etc., Pharmaceutical Assaying:—Cinchona, Opium, Jalap, Scammony, Nux Vomica, Pepsin, Coffee, Tea, Guarana, Belladonna, Ipecac, Aconite, and other drugs will be assayed.

**PRESCRIPTIONS AND DISPENSING**

PROF. CHAS. F. HEEBNER.

*Prescriptions.*—The method of instruction in the reading, translating and criticizing of Prescriptions will be one of the useful and interesting features of the Course.

The success attained during the past two years by the original plan adopted, warrants the continuance of the same, though on a more extended scale, and with improved facilities.

*Method.*—Briefly stated, the prescription in the original handwriting of the physician is in a novel manner projected upon a screen by the aid of the oxy-hydrogen lantern, where it can be seen and studied by the entire class at the same time, and duly criticized in response to the interrogations of the instructor.

Opportunities are thus afforded for a critical consideration of many hundred prescriptions in such a manner as to indelibly stamp the instruction thus received upon the student's mind.

Dates and hour of exercises will be announced during the session.

*Dispensing.*—Dispensing will be taught in the Pharmacal Laboratory during the Senior Course.

The instruction will be wholly practical, and considerable time will be devoted to extemporaneous pharmacy; modern appliances in pharmacy will be presented and explained, incompatibles and decompositions will be thoroughly considered, and the compounding of prescriptions will receive the careful consideration which the subject demands.

The following topics are included:—

*Solutions and Mixtures.*—Simple solutions, chemical solutions, temperature, utensils to be used, order of mixing, measuring, bottling, corking, labelling, capping, etc.

**Pills.**—Active ingredients and excipient, class of preparations properly dispensed as pills, choice and preparation of excipient, massing, rolling, cutting, rounding, finishing and coating; shapes of pills, globular, ovoid or lenticular; enteric pills, salol and keratin coating, etc.; incompatibles.

**Emulsions.**—Theory of emulsification, rules for perfect and permanent compounds of this class, emulsions of fixed oils, English and Continental methods, emulsions of volatile oils, resins, gum-resins, oleo-resins, wax, wool fat, camphor, etc.; seed emulsions; emulsifiers; comparison and preparation; flavoring, etc.; saponification.

**Powders.**—Trituration, dilution, sifting, dividing, folding, boxing, labelling, etc., hygroscopic powders, preparations of substances for admixture, decompositions, explosive mixtures.

**Suppositories.**—Sizes and shapes made by hand and by mould, both hot and cold; bases, instructions for special kinds of medicaments, tannic acid, alkaloids, extracts, liquids, salts, etc., bougies.

**Ointments and Cerates.**—Bases, hot and cold methods, preparation of ingredients for incorporation, elements, salts, liquids, extracts, powders, etc., masking of odorous ingredients, dispensing, labelling, etc.

**Troches.**—Bases, massing, rolling, dividing, drying, boxing, preservation, use of solid and liquid ingredients.

**Plasters and Plaster Spreading.**—Forms of plasters for various uses, border, form-cutting, spreading with hot iron, blisters.

**Cachets.**—Mixing ingredients, dividing, use of cacheteur.

**Capsules.**—Preparation for use with solids or liquids, closing.

**Incompatibilities.**—Including such as are likely to arise in everyday practice, as well as those which are less common. This subject will receive the special attention which its importance demands.

## BOTANY.

PROF. A. Y. SCOTT.

JUNIOR COURSE.

For time of lectures see time-table.

In this course the object will be to make the lectures as practical as possible. Each student will find it to his advantage to procure the text books recommended, and following the directions therein given as to collection of plants, to make and preserve before and during the session as large an assortment as possible of ordinary flowers, roots, leaves, etc., for examination during the term.

After defining the subjects, the following divisions will be considered:—

- I. **Organography**—Or the branch which treats of the organs by which the plants do their work.
  1. **Organs of Vegetation.**—Root, Stem, Leaf, Plant Hairs or Trichomes, Branching.
  2. **Organs of Reproduction.**—Introduction, Anthrotaxy, Prefloration or Aestivation, Flower, Pollination, Fertilization, Fruit, Seed.
- II. **Vegetable Histology**—Or the branch which treats of the minute structure of the plant. Cell—Its Contents, Wall-formation, etc. Tissues. Histology of the Root, Stem, Leaf and Floral Organs.

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## SENIOR COURSE.

III. *Vegetable Physiology*—Or the branch which treats of the functions of plants, etc. Comparison of Plant and Animal Protoplasm, Constituents and Food of Plants, Absorption, Assimilation, Metastasis, Influence of Temperature and Light, Parasites, Saprophytes, Movements, Locomotion, Irritability, Heliotropism, Geotropism, etc., Reproduction and Death.

IV. *Vegetable Taxonomy*—Or the naming, classifying, and account of the life histories of plants.

The Linnæan and natural system of classification will be compared. The Cryptogams will then be considered as to their Structure, Modes of Growth, Reproduction, etc. Phanerogams will be taken up, special attention being paid to the following orders:

Ranunculaceæ, Cruciferae, Leguminosæ, Rosacæ, Umbelliferae, Compositæ, Lobeliaceæ, Labiatae, Solanaceæ, Polygonaceæ, Lupuliferae, Orchidæ, Iridaceæ, Liliaceæ, Smilacæ, Cyperaceæ, Graminacæ, Coniferae, Filices, Fungi, Algæ, Lichenes. Practical examination illustrating knowledge of anatomy of specimens of fresh plants.



LECTURE ROOM—BOTANY AND MATERIA MEDICA.

**LATIN, MATERIA MEDICA, POSOLOGY, MICROSCOPY  
AND PHARMACOGNOSY.**

PROF. J. T. FOTHERINGHAM.

**JUNIOR COURSE.**

During the Junior Term the class is taken carefully over the following work, introductory to the heavier subjects of the Senior Term :—

1. *Latin*.—The rudiments of Etymology, especially that of the Noun, Pronoun and Adjective.
2. *Prescriptions*.—Especially the syntax, abbreviations and essential component parts of the Classical Prescription.
3. *The Exhibition of Drugs*.—Discussed (a) as to Form of Drugs, (b) as to Mode of Administration. This latter question leads naturally to the important one of
  4. *Absorption*, the mode of entrance of drugs into the body-fluids and tissues, and demands a short statement of the rudiments of Physiology, particularly that of Circulation and Digestion. No defence of this addition to the course of instruction in this College need be given.
  5. *Posology* follows in natural order, and is discussed first as to general principles, such as age, sex, body-weight, and other modifying influences, then lists of doses of all the preparations are given.
  6. Therapeutic Terms and Definitions, with such explanations as are likely to be useful to the pharmacist rather than the medical student.

**SENIOR COURSE.**

7. *Materia Medica*.—The Lectures on this subject take up the crude drugs of Animal and Vegetable origin, each in the following order:—1. Names of Drugs, official and common, English and Latin. 2. Plant and Natural Order. 3. Definition, Description and Varieties. 4. Habitat. 5. Mode of Collection and Preservation. 6. Constituents and Impurities. 7. Medical Properties. 8. Official preparations and their doses. 9. Toxicology, if any.
8. *Pharmacognosy* is taken up partly under the head of Microscopy, and partly in the lectures on *Materia Medica*, under the head given above, "Definition, Description and Varieties." A sample of each drug, so far as is possible, is laid upon each desk before the lecture begins. This feature of the instruction given during the past two years here is a marked improvement upon the methods employed in some of the best American Colleges, and meets with the marked approval of the classes.

*Microscopy*.—The main object in this branch being the acquisition of methods, that those who choose may follow out their investigations after graduation, the rudiments of Structural Botany are first taught, then Pharmacognosy is taken up, and typical drugs, particularly roots, rhizomes, barks, and powders, are studied. The student is taught to do all the necessary manipulations, staining, dehydrating, clearing, mounting, etc., an apparent advance upon the method of magic lantern slides in Pharmacognosy. Appliances such as slides and covers, etc., to be obtained in the College.

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**TEXT BOOKS.**

Of the following list of text books those printed in italic should be provided by the students for their own use; the others will be found valuable aids to those students who wish to extend their reading over a large field. The more expensive books of reference may be consulted in the College library.

**CHEMISTRY.**

*Fowne's Manual of Chemistry*, Roscoe's Lessons in Elementary Chemistry, Madan Wilson's Inorganic Chemistry, Remsen's Advanced Course of Inorganic Chemistry, Roscoe & Schorlemmer's Chemistry (eight volumes).

**PHYSICS.**

*Balfour Stewart's Elementary Physics*, Ganot's Physics, Peck's Ganot's Physics, Miller's Chemical Physics.

**PRACTICAL CHEMISTRY.**

*Jones' Practical Chemistry*, A. H. Elliott's Qualitative Analysis, Douglas & Prescott's Qualitative Analysis, Fresenius' Quantitative Analysis, Hoffman & Power's Examination of Medicinal Chemicals.

**BOTANY.**

*Spotton's High School Botany*, *Bastin's College Botany*, Bessey's Botany, Gray's Lessons in Botany, Gray's Structural Botany, Sach's Physiological Botany.

**PHARMACY.**

*British Pharmacopœia* (latest edition) and the *Addendum*, *Heebner's Manual of Pharmacy and Pharmaceutical Chemistry*, *Heebner's Synopsis of B. P. Preparations*, *Pereira's Prescription Book*, Squire's Companion, Remington's Practice of Pharmacy.

**MATERIA MEDICA.**

*Maisch's Organic Materia Medica*, *Pereira's Materia Medica*, National Dispensatory (1886.)

**PHARMACOGNOSY AND MATERIA MEDICA.**

*Fluckiger & Tschirch's Principles of Pharmacognosy* (Powers' Translation), Goodale's Physiological Botany, Poulsen's Micro-Chemistry.



LIBRARY.

### CURRICULUM OF STUDY FOR APPRENTICES.

The following plan of study is submitted in order that the apprentice may, during four years of service, and previous to attendance at the College, train himself into habits of systematic study, and thus prepare the groundwork for the intelligent reception of the instruction there given, which must of necessity be somewhat crowded upon him, owing to the shortness of the course.

In arranging such a course of study, one can hardly make it of equal value and applicability to apprentices in all localities, as advancement in the knowledge of pharmaceutical practice and dispensing on the part of the apprentice will depend largely upon the character of business transacted in the shop and the practices resorted to by the proprietor or master, as to whether a fair percentage of the former is the compounding of physicians' prescriptions, and as to whether the great majority of the Galenical or other official preparations used in the shop are prepared on the premises or purchased from wholesale manufacturers.

Before entering upon a course of study, *the apprentice must arrange for time to devote to his books*, and this he must mainly arrange for himself. He should be able to secure *an hour each day at the beginning*, and as his interest increases, the study hours will receive augmentations.

In the time set aside for this purpose let him read with eagerness—read for facts to turn over in the mind and memorize while cleaning up the store and washing bottles. The knowledge thus acquired should be safely guarded, and the omission of a day's reading avoided as he would avoid the loss of a dollar from his pocket.

For the duties of pharmaceutical practice the proprietor is the teacher. It belongs to the proprietor, by virtue of his position, to encourage and favor the professional improvement of his employees by all suitable measures. It is to be the better qualified for these duties that a systematically graded course of study is to be undertaken by the assistant.

The synopsis here laid down is designed to co-operate with the direction of the master of pharmacy.

#### FIRST YEAR.

**First Principles of Pharmacy.**—Systems of weights and measures, including the metrical system, and their relations to each other; specific gravity and specific volume; mathematical calculations involving the above; minor pharmaceutical operations, as the sub-division of drugs; solutions, with and without heat; filtration, the proper folding of filters, etc.

*Text Book*: Manual of Pharmacy and Pharmaceutical Chemistry.

*References*: Preface to B. P., Parrish's Treatise on Pharmacy, Remington's Practice of Pharmacy.

**Elements of Physics.**—This study will prove to be of so much interest that it may be rapidly mastered.

*Text Book*: Peck's Ganot's Physics.

**First Principles of Chemistry.**—The assistant should familiarize himself with the contents of the first 128 pages of Attfield's Chemistry, and from time to time review the same (particularly the first 58 pages) until the important truths of chemistry are understood. General chemistry is here treated of from a pharmaceutical standpoint.

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**Botany.**—The study of Organography, as given in the first 123 pages of Bastin's College Botany, which includes the vegetative and reproductive organs of plants, is the limit of study recommended in this subject. If, however, time should permit, the further study of Vegetable Histology is advised, and at all times the collection and preservation of plants or portions of plants, exhibiting the marked features learned of, should be pursued.

#### SECOND YEAR.

**Titles.**—The correctly spelled and unabbreviated Latin and English titles of official drugs and preparations should be learned and written from time to time during this year; the synonyms by which these are known should also be memorized.

[Reference to any pharmaceutical substance by its syllabic abbreviations should be discountenanced, it being unscientific, inaccurate and tending to carelessness—as "pot. chlor." for chlorate of potassium"; "sod. sulph." for sulphite of sodium, etc.]

*References:* British Pharmacopœia and Addendum, Squire's Companion, National Dispensatory.

**Operative Pharmacy.**—The commoner pharmaceutical operations should be carefully studied and carried into practice in the preparation of tinctures, syrups, wines, vinegars, ointments, etc., required in the shop.

*Text book and references* same as used in first year, also the British Pharmacopœia and Addendum.

**Latin.**—The rudiments of etymology, accidence, etc., of nouns, adjectives (especially numerals), pronouns and verbs; syntax; abbreviations used in prescriptions and their translation.

*Text Books;* Robinson's Latin Grammar of Pharmacy and Pereira's Prescription Book.

**Chemistry.**—The remaining pages of Part I. of Attfield's Chemistry should be carefully studied, and reviewed from time to time during the remainder of the course. In the pages mentioned the methods of qualitative analysis are gradually introduced; the solubilities of salts are classified; chemical equations are explained, and directions carefully given for calculating quantities of materials from the chemical proportions stated by an equation.

**Materia Medica.**—Each important official animal and plant-drug should be studied as to its source, part used, habitat, active principles, medical properties and dose. The physical characters of the crude specimens, and the distinctive features by which they may be identified, should be mastered.

The studies of the first year should be reviewed, and a short time spent each day in the interpretation of prescriptions.

#### THIRD YEAR.

**Pharmacopœia Preparations.**—These should be studied as to their ingredients, methods of preparation, strengths and doses; these facts are conveniently arranged and tabulated for this purpose in *Synopsis of B. P. Preparations*.

*References:* British Pharmacopœia and Addendum, Squire's Companion.

**Prescriptions and Dispensing.**—The prescription files should be carefully studied, and by mathematical calculation the quantity of each ingredient in the prescribed dose determined. The preceptor should permit the assistant to compound prescriptions under his direct supervision and in accordance with his specific instructions. Too much experience of this character cannot be gained, as opportunities are frequently presented whereby the preceptor may point out and explain incompatibilities, as to whether they are intentional or accidental, and the means of avoiding them, if required.

**Operative Pharmacy.**—Should be continued practically throughout the remainder of the course. Review work of second year, and pharmacopœial preparations of this year's course.

#### FOURTH YEAR.

A general review of the subjects of previous years, and a continuance of study in all subjects by reference reading, using the Dispensatories and Squire's Companion for reference, as well as the other text books already mentioned.

For *general study* during the apprenticeship period the following branches should be occasionally reviewed, mathematics receiving special attention:—

*Arithmetic.*—Vulgar and decimal fractions, percentage, ratio, proportion, alligation, etc.

*Mensuration.*—Areas of circles, parallelepipeds, cylinders, etc.  
*Algebra and Geography.*

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**FOR THE GUIDANCE OF ALL STUDENTS.**

1. Preliminary examination, accepted certificate, see page 16
2. All fees and deposits are payable to the Registrar *strictly in advance*.
3. On signing the roll, subscribing to the rules of the College, and producing receipts for fees paid, each student will receive from the Registrar a general lecture ticket, which must be preserved so that attendance may be certified to at the close of the session by the Dean.
4. Students are particularly requested, in their own interest, to be in attendance at the commencement of the course.
5. Choice of seats in Lecture Rooms will be according to precedence of names on the College Roll. The attention of those students who have already paid for two courses is directed to the necessity of applying to the Registrar for choice of seats, as in the case of other students of the Senior Course.
6. Junior students may secure their seats for the senior term by leaving a deposit with the Registrar at the close of the junior session.
7. Every student must attend at least three-fourths of the lectures and laboratory work in each subject, unless exempted by the Council on account of sickness or some other satisfactory cause. No ticket for attendance on lectures will be signed unless these conditions have been complied with.
8. Instead of a roll-call, each student will be marked absent whose chair or section is vacant or occupied by some other person; students will not be allowed to exchange seats without formal application to the Registrar.
9. Quiz classes may be arranged for by the Faculty after the work of the session has begun.
10. All drugs and chemicals required for the economical working of the test processes in the laboratories, or in the manufacture of preparations, will be furnished by the College without charge, but any student using an excessive amount of reagents, or other supplies, etc., provided by the College, or breaking or damaging the apparatus of the laboratories, will have the value of same deducted from his deposit fee, and in case this should be exceeded, the deficit must be paid before an examination can be tried or his tickets certified to.
11. Candidates must pass in all subjects of the Junior Course before entering the Senior. At the first Senior Examination the six subjects, Practical Dispensing, Reading and Translating Prescriptions, Chemistry, Pharmacy, Materia Medica, and Botany must be taken, but any candidate who obtains sixty-six and two-thirds per cent. in each of four subjects, shall be deemed to have passed in these subjects, and has the option at any future examination of taking all subjects or only those in which he has failed, but in the latter case he must take sixty-six and two-thirds per cent. *in each subject*, and will not be entitled to either prizes or honors.
12. Each candidate must receive at least fifty per cent. in Pharmacy, Dispensing and Prescriptions, and sixty-six and two-thirds per cent. on the aggregate.

13. Application for permission to write on any examination must be made to the Registrar at least two weeks before the date set for the commencement of such examination. Forms of application will be supplied by the Registrar.

14. No diploma will be granted to any candidate who has not attained the age of twenty-one years, or who may not have had the necessary experience. Candidates who have not arrived at the age of twenty-one may, however, be examined after attending two full courses at this College, but if successful in passing the examinations, their diplomas will be withheld until they have attained the age specified.

15. Any candidate who *has not served a term of apprenticeship in the Province of Ontario*, but has attended both Junior and Senior Courses at this College, and passed the Council Examination, will receive a certificate or diploma of examination, which, however, does not permit him to practice pharmacy in this Province.

#### BOARDING HOUSES.

16. Board and lodging may be readily obtained in close proximity to the College, at rates ranging from \$3.00 upward per week. The Janitor at the College building can provide enquirers with a list of addresses of suitable boarding houses on their arrival in the city.

#### CORRESPONDENCE.

17. All correspondence should be addressed to I. T. Lewis, Registrar-Treasurer, who, when necessary, will communicate with the Dean of the College.



## HISTOR

An Act of the Legislature, in had grown out about that time

By this Act a person in the Province of Ontario, who had been a druggist, or who had been enrolled as a pharmacist, and holding a certificate of proficiency in chemistry, pharmacology, and therapeutics, conferred on the holder of such certificates of proficiency

The latter public at large

Prior to 1889 private enterprise undertakes a system of Mr. E. B. Shuter's Temporary qu

In the year 1889 purchased a site for lectures, etc. over \$21,000, additional fittings

The Act of 1889 for qualification and 1889. Terms are full (Pages 15 to 17)

By the Act of 1889—the Junior and Senior in this and determined can always education.

The Council so that the building was over and thorough and next to it a private laboratory

## HISTORY AND DESCRIPTION OF THE COLLEGE.

An Act entitled the "Pharmacy Act, 1871," was granted by the Ontario Legislature, in 1871, to the "Canadian Pharmaceutical Society," a society which had grown out of the "Druggists' and Chemists' Association," formed in Ontario about that time.

By this Act, the authority of which was vested in a Council of thirteen, every person in the Province of Ontario who had been, or was carrying on business as a druggist, or who had served an apprenticeship of three years and had acted as a druggist's assistant for one year, was, upon payment of a fee of \$4, entitled to be enrolled as a member of the Ontario College of Pharmacy, and to the privileges therewith. This Act of Incorporation gave to the College the power of acquiring and holding real estate, and of erecting buildings for the purpose of lectures on chemistry, pharmacy, etc., and for a library or pharmaceutical museum; it also conferred on the Council elected by the College the right to examine candidates for certificates of competency to carry on the business of druggist.

The latter power the Council immediately took advantage of to protect the public at large and the drug trade in particular.

Prior to 1882, the training of students for their examination was left wholly to private enterprise, when, for the first time, the Council felt itself able financially to undertake a system of teaching, such as was required. Of this teaching department Mr. E. B. Shuttleworth was appointed Dean, with Messrs. Rose and Robinson-Temporary quarters were obtained and fitted up on Wellington Street, Toronto.

In the year 1886, the Council, seeing that greater accommodation was required, purchased a site on St. James' Square, for the erection of buildings suitable for lectures, etc. These buildings were completed and equipped in 1887, at a cost of over \$21,000, and various sums have yearly been expended upon the purchase of additional fittings and apparatus.

The Act of 1871 did not specify any definite time for apprenticeship service, nor for qualification on entering the same. This was amended in the Acts of 1884 and 1889. The term of apprenticeship and regulations regarding junior and senior terms are fully given under their headings in the body of this Announcements. (Pages 15 to 18.)

By the Act of 1889 all students are compelled to attend two courses of lecture.—the Junior in this or some other college approved of by the Council, and the Senior in this Council. This Act also conferred on the Council the power of fixing and determining from time to time the curriculum of studies, so that the College can always be kept abreast with any improvement made in pharmaceutical education.

The Council of 1891 enlarged the building erected in 1887, at a cost of \$15,000, so that the building now covers the entire lot, 65 x 175. The total cost of the building was over \$40,000. The building is heated throughout by steam, well lighted and thoroughly ventilated. On the ground floor is a reading room for the students and next to it the library. (See cut, page 35.) On the opposite side of the hall is a private laboratory, in which the professors and assistants prepare the materials for

their lectures. At the rear is a large recreation room, 47 x 29. (See cut, page 19.) Adjoining this is a store room, from which a hoist runs up to the pharmacal and chemical laboratories above. There are also on this floor cloak-rooms and the steam-heating apparatus. On the second floor front are the Council Chamber and the Dean's room, separated by a wide hall way. Back of these is the chemistry and pharmacy lecture room, 42 x 34, with accommodation for 140 students. The seats are of the latest improved design, with folding writing tablet, and are arranged as a theatre, so that those in the rear have a good view of the lecture table. The table is fitted with hot and cold water and gas, sinks, down-draught fume chamber and the other appliances necessary for effective lecturing. The room is well lighted and ventilated. (See cuts, page 14.)

In the rear is the pharmacal laboratory, 38 x 47 (see cut, page 29), which, with its present appointments, furnishes admirable facilities for instruction in the line of advanced modern pharmaceutical education, which are excelled by no similar institution on this Continent. This laboratory is fitted up with all modern improvements, and furnishes accommodation at present for 112 students, or for 56 working at a time.

Each student has seven and a-half square feet of counter space, with a draw-slide furnishing an additional two and a-quarter square feet, also a cupboard and drawer containing all the apparatus necessary for his work.

Gas and water supply is conveniently arranged for each student, and a large steam and hot-water bath for evaporating, etc. In connection with this laboratory there is a fume room, a drug room, a desiccating room, and a glass-stock room.

On the third floor is situated the lecture room for botany, materia medica and toxicology, dimensions 42 x 44. (See cut, page 33.) There is desk accommodation for 120 students. Around the room are arranged two long work tables, extending the full length of the room, for use in the study of microscopy, microscopical botany and pharmacognosy. The tables are divided into compartments fitted with locked drawers. Each work-section is provided with a microscope, reagents and staining fluids, appliances for mounting, etc.

In the rear is the chemical laboratory (see cut, page 23), 38 x 47, fitted with desks for 116 students, or 58 at a time. Each student is supplied with all the bottles for reagents and chemicals necessary for pharmacy students. The laboratory is thoroughly equipped and compares favorably with any in the country. Adjoining the laboratory are weighing and store rooms and private rooms for the professors. Altogether the building is admirably suited for the purposes of the College, and is a credit to the Council and the druggists generally.

In 1892 the Council successfully carried to completion the affiliation of the College with Toronto University, which is a matter of congratulation to intending students, and a recognition of the thoroughness of the College Course.

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\*A. J. Wilkins  
\*L. B. Ashtor  
\*J. A. Jamies  
\*E. B. Storey  
\*H. C. Thom  
\*Geo. C. Bow  
\*E. F. Armst  
\*J. H. Seager  
\*T. A. Hend

\*Passer

**EXAMINATIONS, 1894.**

**PRIZEMEN.**

COLLEGE GOLD MEDAL—A. J. Wilkinson, Windsor.

COLLEGE SILVER MEDAL—L. B. Ashton, Toronto.

D'AVIGNON MEDAL—Theodore Sweet, Exeter.

CHEMISTRY MEDALS—(T. A. Henderson, Ayr.  
W. M. Woodburn, Ottawa.

PHARMACY MEDAL—T. A. Henderson, Ayr.

MATERIA MEDICA MEDAL—A. J. Wilkinson, Windsor.

BOTANY MEDAL—L. B. Ashton, Toronto.

**HONOR LIST—IN ORDER OF MERIT.**

*A. J. Wilkinson.	*A. M. Dowsley.	*F. J. Miller.
*L. B. Ashton.	G. W. Marshall.	*W. H. Watson.
*J. A. Jamieson.	*G. W. Mahood.	*C. G. Mills.
*E. B. Storey.	*F. E. Marshall.	*H. P. Elder.
*H. C. Thomas.	*W. M. Woodburn.	*O. DeLong.
*Geo. C. Bowes.	*R. H. Walton.	*J. Boadway.
*E. F. Armstrong.	*W. A. Coleberry.	*T. Sweet.
*J. H. Seagers.	*H. Brillinger.	*F. W. Niehaus.
*T. A. Henderson.	*R. W. McClung.	*J. E. Hovey.

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\* Passed examination in Practical Chemistry.

**PASS LIST.****ALL SUBJECTS.**

The following in addition to those mentioned on the preceding page:—

*(Alphabetically arranged.)*

*Abbott, W. R.	Hooper, F.	Pirt, A. E.	Small, G. A.
*Annis, M. B.	*Johnston, John A.	*Nichol, W. J.	*Smith, J. A.
*Berry, J. F.	*Keddle, W. G.	*Powell, W. N.	*Smuck, Chas.
*Bower, J. D.	*Leslie, R. P.	*Radford, J. H.	Stevenson, E. B.
*Clemons, J. H.	*McCann, J. D.	*Robinson, R. B. W.	Turquand, B. D.
*Fletcher, T. G.	*McMaster, John	*Rogers, Geo. E.	*White, G. A.
Heming, W. W.			

**PASSED IN FOUR SUBJECTS—DISPENSING.**

Barnes, T. T.	Bunting, F. B.	Ross, A. H.	Medley, W. H.
Blecker, D. G.	Hill, Reuben.	Thompson, J. A.	
Budgeon, B. R.	Jackson, A. D.	Mitchell, H. W.	

**PRESCRIPTIONS.**

Barnes, T. T.	Dunn, S. L.	Johnston, J. J.	Medley, W. H.
Blecker, D. G.	Hill, Reuben.	Ross, A. H.	
Budgeon, B. R.	Jackson, A. D.	Mitchell, H. W.	

**PHARMACY.**

Budgeon, B. R.	Hill, Reuben.	Ross, A. H.	Medley, W. H.
Bunting, F. B.	Jackson, A. D.	Thompson, J. A.	
Dunn, S. L.	Johnston, J. J.	Mitchell, H. W.	

**CHEMISTRY.**

Barnes, T. T.	Bunting, F. B.	Thompson, J. A.
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**MATERIA MEDICA.**

Barnes, T. T.	Bunting, F. B.	Johnston, J. J.	Mitchell, H. W.
Blecker, D. G.	Dunn, S. L.	Ross, A. H.	Medley, W. H.
Budgeon, B. R.	Jackson, A. D.	Thompson, J. A.	

**BOTANY.**

Blecker, D. G.	Dunn, S. L.	Hill, Reuben.	Johnston, J. J.
----------------	-------------	---------------	-----------------

**PASSED IN FIVE SUBJECTS.**

Houston, R. C. (all but Botany).  
Ward, R. C. (all but Pharmacy).  
McKinnon, A. (all but Pharmacy).

**PASSED IN PHARMACY.**

Srigley, John

\* Passed examination in Practical Chemistry.

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## UNIVERSITY OF TORONTO AFFILIATION.

THE Senate of the University of Toronto, with the approval of the Lieutenant-Governor of Ontario and Council, on January 22nd, 1892, passed a Statute affiliating the Ontario College of Pharmacy, with the privilege of one representative on that body.

On May 6th, 1892, a further Statute was passed instituting a new degree of BACHELOR OF PHARMACY—PHM. B.—which may be obtained on complying with the following conditions:—

### Matriculation—

Candidates for the degree of Bachelor of Pharmacy must either—

- (1) Possess a degree in Arts (not an Honorary Degree) from some recognized University; or
- (2) Have already matriculated in the Faculty of Arts, or the Faculty of Law, or the Faculty of Medicine, in this or some other University in Canada; or
- (3) Be matriculants in the College of Physicians and Surgeons of Ontario; or
- (4) Have passed the 1st, 2nd or 3rd class departmental non-professional examination in which the Latin option has been taken.

Provided always, that all candidates registered as apprentices of the Ontario College of Pharmacy, or who have received the Diploma of the College of Pharmacy up to the first day of June, A.D. 1893, shall be admitted as matriculants in the Department of Pharmacy on payment of the registration fee of Five Dollars.

### Regulations for the Degree of Phm. B.—

- (1) Undergraduates (candidates for the degree) resident of the Province of Ontario, must have complied with all the requirements prescribed from time to time by the Council of the Ontario College of Pharmacy for admission to examination for a diploma licensing to practise pharmacy in Ontario, and must have received from the Registrar of the Ontario College of Pharmacy a certificate of having passed the final examination of that College.
- (2) Undergraduates, not resident in Ontario, must have devoted at least four years (not being engaged in any other business) to the study of Pharmacy, being apprenticed during that time to a regularly qualified Pharmaceutical Chemist.
- (3) Must have attended the full course of lectures, embracing all the subjects of the curriculum, the length of each course being not less than that required from time to time by the Council of the Ontario College of Pharmacy, and including practical work at some College of Pharmacy recognized by this University; the last of which courses must be at the Ontario College of Pharmacy.
- (4) All candidates who have prior to August 15th, 1892, received the Diploma of the Ontario College of Pharmacy, shall not be required to conform to the above, but shall be allowed their degree on passing the examination on the subjects hereinafter given.

### Examination—

Candidates for a degree must pass an examination, to be held in the month of May of each year—hour and date of commencing to be hereafter given—and must present to the Registrar satisfactory certificates covering all requirements relating to undergraduates, as given above, and of having passed the Final Examination at the Ontario College of Pharmacy.

The Subjects of Examination shall be as follows:—

1. Botany and Microscopy.
2. Theory and Practice of Chemistry and Toxicology.

3. *Materia Medica*, including *Posology* and *Pharmacognosy*.  
4. *Theory and Practice of Pharmacy*, including *Interpretation of Prescriptions* and *Dispensing*.

These examinations shall be partly written, partly oral, and partly practical.

No candidate shall be considered as having passed the examination who has not obtained 50 per cent. of the marks allotted; nor shall a candidate be considered as having passed in any subject who has not obtained at least 40 per cent. of the marks allotted to such subject.

### FEES.

For Matriculation or Registration of Matriculation . . . . .	\$ 5 00
For Annual Examination . . . . .	5 00
For each Practical Examination . . . . .	50
For the Degree of Phm.B. . . . .	10 00

### GRADUATES OF THE DEGREE PHM.B., 1892-3.

Archibald, A., Kingston.  
Armitage, J. S., Niagara Falls.  
Baker, H. T., Waterdown.  
Barber, V., Toronto.  
Barley, Wm., Mitchell.  
Beaudette, A. J., Windsor.  
Bell, D., Pembroke.  
Booth, W. H., Coaticook, P.Q.  
Brennan, C. E., Peterborough.  
Budd, A. T., Arnprior.  
Burchill, J. H., Owen Sound.  
Burgis, E. A., Lakefield.  
Cant, H. F., Galt.  
Cogan, J. E. F., St. Catharines.  
Collard, George, Aurora.  
Cross, W. A., Ottawa.  
Crowe, G. A., Peterborough.  
Davis, J. E., Goderich.  
Dutcher, H. M., Hamilton.  
Ewing, H. E., Cobourg.  
Gayfer, A. E., Ingersoll.  
Gilfillan, J. J., Bowmanville.  
Goodeve, J. H., Toronto.  
Griffiths, W. A., Toronto.  
Henderson, W. A., Orangeville.  
Hodgson, E. G., Toronto.  
Huffman, F. G., Napanee.  
Johns, O. G., Cobourg.  
Johnson, R. M., Charlottetown, P.E.I.  
Law, Charles, Tilsonburg.  
Ledingham, Wm., Durham.  
McBeath, D., Winnipeg, Man.  
McElroy, A. S., Ottawa.  
McLean, N. T., Chatham.  
McPhail, R. D., Perth.  
McRae, J. W., Peterborough.

Maddock, P. F., Guelph.  
Maynard, G. T., Port Hope.  
Mitchell, T. B., Watford.  
Mundy, V. S., Hamilton.  
Munro, E. D., St. Thomas.  
Paeckert, H. M., Stratford.  
Pentz, R. L., Toronto.  
Peplow, J. M., Peterborough.  
Petrie, G. M., Toronto.  
Petrie, A. B., Jr., Guelph.  
Rand, A. V., Wolfville, N.S.  
Reddin, A. W., Charlottetown, P.E.I.  
Reed, J. W., Chesley.  
Rochester, J. L., Ottawa.  
Rudell, W. A., Hespeler.  
Ryall, S., Paris.  
Saunders, A. J., Wroxeter.  
Shildrick, E. H., Hagersville.  
Simson, W. A., Halifax, N.S.  
Spencer, J. M., Owen Sound.  
Smith, F. W., Toronto.  
Smith, S. S., Portage la Prairie.  
Smith, D. A., Lakefield.  
Stearman, F. C., Chatsworth.  
Stork, H. C., Brampton.  
Strong, R. E., Toronto.  
Wallace, T. B., Napanee.  
Welch, T. A., Strathroy.  
West, E. G., Toronto.  
Whaley, R. J., Delta.  
Whelihan, J. F., St. Mary's.  
Wilkinson, T. O., Bermuda.  
Williams, C. D., Goderich.  
Young, M. A., Alliston.  
Zeller, S., Berlin.

*Ad Eundem*:—Heebner, Chas. F., Toronto.

### Candidate

(Each Class

PRESCRIPTION

#### CLASS I.

Ashton, L. B.  
Dowsley, A. M.  
Henderson, T.  
Thomas, H. C.  
Wilkinson, A. J.

#### CLASS II.

Leslie, R. P.  
Mahood, G. W.  
Mills, C. G.  
Rowland, T.  
Seagers, J. H.  
Sweet, T.

#### CLASS III.

Abbott, W. R.  
Annis, M. B.  
Boadway, J.  
Bowes, G. C.  
Brillinger, H.  
Clements, J. H.  
Elder, H. P.  
Heming, W. W.  
Johnston, J. A.  
Keddie, W. G.  
McCann, J. D.  
McCung, R.  
McMaster, J.  
Marshall, F. E.  
Miller, F. J.  
Nichol, W. J.  
Niehaus, F. W.  
Powell, T. H.  
Scott, W. B.  
Smith, J. A.  
Smuck, C.  
Watson, W. H.

Marshall,



**Candidates upon whom the Degree Phm. B. was conferred at the Annual Convocation, June 14th, 1894.**

(Each Class arranged alphabetically.)

PRESCRIPTIONS.	MATERIA MEDICA AND PHARMACOGNOSY.	BOTANY, INCLUDING PRACTICAL.	CHEMISTRY, INCLUDING PRACTICAL.	PRACTICAL DISPENSING.	PHARMACY, INCLUDING PRACTICAL.
<b>CLASS I.</b>	<b>CLASS I.</b>	<b>CLASS I.</b>	<b>CLASS I.</b>	<b>CLASS I.</b>	<b>CLASS I.</b>
Ashton, L. B. Dowsley, A. M. Henderson, T. A. Thomas, H. C. Wilkinson, A. J.	Ashton Brillinger Dowsley Henderson Marshall Miller	Bowes Mills Nichol	Bowes Henderson Thomas	Ashton Boadway Bowes Brillinger Elder Henderson	Ashton Bowes Henderson Leslie Scott Thomas Wilkinson
<b>CLASS II.</b>	Nichol Seagers Smith Thomas Watson Wilkinson	<b>CLASS II.</b> Brillinger Henderson Thomas Wilkinson	<b>CLASS II.</b> Seagers Wilkinson	McCann McClung Mahood Marshall Marshall	<b>CLASS II.</b> Brillinger Dowsley Elder McMaster Mahood Marshall Mills
Leslie, R. P. Mahood, G. W. Mills, C. G. Rowland, T. Seagers, J. H. Sweet, T.	<b>CLASS II.</b>	<b>CLASS III.</b> Abbott Annis	<b>CLASS III.</b> Abbott Annis Boadway Brillinger Clements Dowsley Elder Heming Johnston Keddie Leslie McCann McClung McMaster Mahood Marshall Mills Miller Nichol Niehaus Powell Rowland Scott	Mills Nichol Powell Scott Seagers Smith Smuck Sweet Thomas Watson Wilkinson	Brillinger Dowsley Elder McMaster Mahood Marshall Mills Nichol Powell Smith Watson
<b>CLASS III.</b>	Annis Boadway Bowes Elder Leslie McClung Mahood Mills Powell Rowland Scott Smuck Sweet	Ashton Boadway Clements Dowsley Elder Heming Johnston Keddie Leslie McCann McClung McMaster Mahood Marshall Miller Niehaus Powell Rowland Scott Seagers Smith Smuck Sweet Turquand Watson	Ashton Boadway Brillinger Clements Dowsley Elder Heming Johnston Keddie Leslie McCann McClung McMaster Mahood Marshall Mills Miller Nichol Niehaus Powell Rowland Scott Seagers Smith Smuck Sweet Watson	<b>CLASS II.</b> Abbott Heming Johnston McCann Turquand	<b>CLASS III.</b> Abbott Annis Boadway Clements Heming Johnston Keddie McCann McClung Marshall Miller Niehaus Rowland Seagers Smuck Sweet Turquand

Marshall, G. W., and Turquand, B. D., will be required to take supplemental examination in Chemistry before being admitted to the degree.

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# Ontario College of Pharmacy.

## LIST OF STUDENTS

FROM APRIL 4, 1882, TO MAY, 1894.

NAME.	ADDRESS.	PRECEPTOR	ATTENDED.	
			Aut.	Spring
Abbot, A. N.	Toronto	C. A. Mitchell		1882
Abbot, D.	Ottawa	J. Skinner & Co.	1885	1886
Abbot, G. A.	Comber	Dr. R. H. Abbott	1886	1887
Abbot, W. R.	Toronto	A. E. Kennedy	1893	1894
Abbs, J. A.	Port Perry	W. Saunders & Co.		1884
Allan, J. A.	Adolphustown	Michigan University		1882
Allan, J. R.	Ottawa	John Roberts	1889	1890
Allen, Aylisford	Port Elgin, N.B.	E. M. Estey	1888	
Allen, J.	Goderich	J. Wilson		1891
Allen, Thomas	Toronto	I. Curry	1893	1894
Allin, A.	Whitby	G. E. Gibbard	1889	1891
Allison, Chas. H.	Port Perry	T. C. Nichols	1892	1893
Anderson, J. S.	Guelph	Herod & Co.		1882
Annis, N. B.	Oshawa	T. G. Ryley	1893	1894
Archibald, Arthur	Kemptville	J. F. Kellock, Lions Head	1892	1893
Arkell, F. E.	Elora	W. Henderson		1882
Armitage, J. S.	Niagara Falls	Powell & Davis, Chatham	1892	1893
Armour, W. T.	Owen Sound	Parker & Co.	1890	1891
Armstrong, Frank	Lyn	James Findlay	1889	1890
Armstrong, G. H.	Kingston	A. J. Fisher	1886	1887
Armstrong, R. S.	Port Colborne	C. Lugsdin	1890	1891
Armstrong, Geo. S.	Hopewille	J. L. Freeborn, Perth	1892	1893
Armstrong, E. F.	Cobourg	J. G. Templeton	1893	1894
Ashton, L. B.	Toronto	W. J. Davidson	1893	1894
Ashton, W.	Aurora	W. E. Hammill, Mt. Albert		82-83
Atkins, Wm. J.	Madoc	C. S. Wilson	1891	1892
Austin, J. A.	Parkdale	G. W. Mingay	1886	1886
Auston, L. J.	Brighton	W. J. Porter, Cobourg	1892	1893
Auston, O. R.	Almonte	M. Patterson		1884
Baitram, W. H.	Arkona	G. M. Everest	1887	1888
Baker, C. O.	Stratford	W. T. Strong, London		1886
Baker, Henry J.	Ridgetown	Gayler & Thompson	1891	1893
Baker, T.	Wardown	J. D. McGeorge		1887
Baldwin, H.	Sunderland	Peab Bros., Cannington		1887
Eall, A. W.	Millbrook	A. Leach		82-85
Bannon, J.	Flesherton	W. Griffin, Dundalk		85-86
Barber, V.	Toronto	Baxter, Snider & Ogden	1891	1892
Barkwill, W. S.	Durham	H. Parker		1883
Barley, Wm.	Mitchell	S. A. Hodge	1891	1892
Barlow, W. W.	St. Catharines	Blaicher & Reche	1891	1892
Barnes, T. T.	Kemptville	E. Brimley, Brighton	1892	1894
Barnhart F.	Orangeville	A. Turner, Orangeville	1893	1894
Barr, Wilson	Hamilton	J. A. Barr & Co.	1888	1889
Barrie, H. G.	Port Arthur	Dr. Smellie, Fort William	1891	1894
Bawden, P.	Exeter	Dr. C. Lutz	1883	
Baxter, B. B.	Toronto	S. W. Johnston		1885
Baxter, R. J.	Windsor	J. E. D'Avignon	1890	1891
Baxter, R. J.	Cayuga	J. Baxter, M.D.	88-89	89-90

NAME.

Bean, C. H. . . . .  
 Beaudette, A. J. . . . .  
 Belanger, M. A. . . . .  
 Belfrey, J. E. . . . .  
 Bell, F. A. . . . .  
 Bell, J. N. . . . .  
 Bell, R. J. . . . .  
 Bell, David . . . . .  
 Benson, J. . . . .  
 Bentley, I. Mc . . . . .  
 Berry, J. F. . . . .  
 Berry, W. G. . . . .  
 Beynon, F. C. . . . .  
 Bigham, G. F. . . . .  
 Bilton, G. E. . . . .  
 Bingham, G. A . . . . .  
 Bingham, J. R. . . . .  
 Bird, C. A. . . . .  
 Birks, J. J. F. . . . .  
 Blecker, D. J. . . . .  
 Bletcher, H. E. . . . .  
 Boardway, J. . . . .  
 Boles, F. G. . . . .  
 Bollard, W. S. . . . .  
 Bolster, W. G. . . . .  
 Bone, F. C. . . . .  
 Book, Mary H. . . . .  
 Booth, J. H. . . . .  
 Booth, W. . . . .  
 Booth, W. H. . . . .  
 Boothe, W. W. . . . .  
 Botham, T. A. . . . .  
 Boulter, W. E. . . . .  
 Boulter, W. R. . . . .  
 Bowden, F. W. . . . .  
 Bower, C. A. . . . .  
 Bower, J. D. . . . .  
 Bowes, Cyrus . . . . .  
 Bowes, G. C. . . . .  
 Boyd, D. D. . . . .  
 Boyd, J. A. . . . .  
 Boyd, L. F. . . . .  
 Boyle, E. W. . . . .  
 Bradner, A. I. . . . .  
 Bray, J. . . . .  
 Brebner, R. V. . . . .  
 Brennan, C. J. . . . .  
 Bresse, W. J. . . . .  
 Brethour, A. . . . .  
 Bridgeland, F. . . . .  
 Bright, J. E. . . . .  
 Brillinger, G. . . . .  
 Brilling, H. . . . .  
 Brooks, E. . . . .  
 Brown, Jam. . . . .  
 Brown, A. T. . . . .  
 Brown, F. K. . . . .  
 Brown, F. R. . . . .  
 Brown, G. G. . . . .  
 Brown, Thos . . . . .  
 Brown, Jam. . . . .  
 Brown, M. S. . . . .  
 Brown, T. F. . . . .  
 Brown, W. C. . . . .  
 Brown, W. C. . . . .  
 Buchanan, C. . . . .  
 Budd, A. T. . . . .  
 Budeeon, B. . . . .  
 Bunting, Jol . . . . .  
 Bunting, F. . . . .



NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Burchill, J. H.	Owen Sound	J. Cameron	1891	1892
Burgess, F.	Toronto	R. Robinson	1882	1882
Burgess, H. W.	Toronto	F. T. Burgess	89-90	1890
Burgis, E. A.	Lakefield	T. J. Bird	1892	1893
Burkholder, J. F.	Stouffville	S. W. Johnston, Toronto		1885
Byers, G.	Hagersville	S. W. Howard	1887	1888
Byrne, S. A.	Toronto	Dr. C. J. Hastings		1887
Cairns, H. J.	Perth	D. Munro & Co.	1886	1887
Camahan, W. J.	Meaford	McCarroll & Ellis	1888	1889
Cameron, E. W.	Brantford	J. A. Wallace	1891	1892
Cameron, W. A.	Renfrew	J. Clark	91-93	1894
Cameron, W. J.	Paris	Geo. L. Scott	1888	1889
Campbell, A. A.	Hamilton	J. H. Clark		1882
Campbell, D.	Woodville	Gunn Bros.	1890	
Campbell, G. W.	St. Thomas	F. P. Reynolds	1890	1891
Campbell, J. E.	Warton	John M. Manley	1889	
Campbell, Robert	Sydney, C. B.	J. T. Wright	1889	1890
Campbell, R. W.	Toronto	W. S. Rouinson		1886
Campbell, W. G.	Comber	R. H. Abbott	1891	1892
Campbell, W. L.	Bradford	B. Kilborn	1890	1891
Campbell, William	Winnipeg	J. C. Gordon	1891	1892
Cant, H. F.	Galt	W. H. Lutz	1892	1893
Capell, F. J.		A. P. Siebright		1893
Carney, F. W.	Owen Sound	D. A. Cameron & Co.	1887	1888
Carpenter, E. M.	Collingwood	E. R. Carpenter	1890	1891
Carson, W. G.	Port Hope	G. A. Mitchell	1882	
Carter, W. A.	Thorold	W. J. McCartney	1892	1893
Castelman, E.	Chatham	H. C. Hall		1882
Cattle, W. E.	Goderich	G. Rhynas		1887
Caughill, P. A.	St. Thomas	W. O. Foster & Co.		1884
Cavers, Alfred	St. Catharines	George Parke	1891	1892
Chambers, G. A.	Ingersoll	J. W. Browett	1889	91-92
Chambers, R. W.	Millbrook	J. B. Smith		1887
Chandler, V. H.	Owen Sound	D. A. Cameron & Co.		1883
Chapman, R. A.	Toronto	W. J. Urquhart	1889	1890
Cherry, Wm. J. H.	Ottawa	J. Roberts	1890	
Childs, H. J.	London	E. W. Boyle	1889	1890
Chisholm, F. A.	Belleville	L. W. Yeomans & Co.	1891	
Chisholm, J. H.	Wingham	Dr. Chisholm	1887	
Clapsattle, H. D.	Brantford	D. S. Sager		1887
Clark, C. W.	St. John, N.B.	C. P. Clarke	1890	1891
Clark, F. A.	Lindsay	F. J. Stewart	1891	1892
Clark, G. E.	Gravenhurst	G. Tolen	1886	1887
Clark, S. B.	Hanover	W. H. Goodeve	1891	1892
Clark, T. M.	St. Mary's	W. H. Gilpin	1886	
Clarke, F. C.	Belleville	J. Clark	1887	1888
Clarke, H. W.	Woodstock	W. A. Karn		1887
Clarke, W. G.	Woodstock	W. A. Karn		1884
Clements, J. H.	Milton	J. H. McCallum, Milton West.	1893	1894
Clive, H.	Altonburg	H. W. Clive	1890	
Coates, J.	Mitchell	J. W. Cull	1882	
Cochrane, J.	Kingston	A. P. Chown	1886	
Cogan, J. E.	St. Catharines	A. J. Greenwood	1891	1892
Coldwell, R. A.	Lakefield	T. J. Bird	1886	
Cole, E. E.	Niagara Falls	R. P. Skinner		1883
Coleberry, W. A.	Dunnville	J. H. Michener	1893	1894
Coleman, F.	Hamilton	H. S. Case		1887
Collard, G.	Aurora	F. E. York	1892	1893
Collie, S. J.	Woodstock	W. A. Karn		1883
Colling, J. H.	Lowville	McGregor & Parke	1889	1890
Colvin, A. R.	Teeswater	R. Templeton		1887
Conger, F. H.	Belleville	R. Templeton	1883	
Conger, Jos.	Pictou	H. W. Branscombe	1885	1890
Conger, L. J.	Belleville	R. Templeton	1885	
Conger, L. J.	Toronto	H. Sherris		1886
Congram, A.	Lucknow	Dr. Tennant	1886	

Conkey, John A.
Cooke, A. S.
Cook, Chas. A.
Cooke, H. B.
Cook, W. V.
Coombe, H. B.
Coombe, J. A.
Cooper, T. C.
Copeland, R.
Copeland, B. M.
Copp, T. A.
Corrigan, J. E.
Cote, Louis V.
Conen, C. H.
Coulson, J. A.
Cowper, J. A.
Cox, J. V.
Crane, James C.
Cranfield, E. S.
Crease, F. J.
Crease, H. G.
Cremer, C.
Cronkhite, F.
Cross, W. A.
Crowe, George
Crowe, W.
Croy, P. R.
Cruse, B.
Cruttenden, T.
Cryderman, C.
Cryderman, S.
Cryslar, R.
Culbert, C. G.
Cummins, J.
Currie, H.
Curry, I.
Curry, J. C. G.
Darlington, A.
Davidson, D.
Davidson, G.
Davidson, W.
Davies, F. de
Davis, Geo. I.
Davis, R. A.
Davis, J. E.
Daw, A.
Dawson, A.
Days, H.
Deachman, F.
DeLong, Orin
Dent, J.
Deverell, A.
Devitt, E. M.
Dickey, H. D.
Dickson, J.
Dickson, T.
Dingman, G.
Dinning, J.
Dodds, E. M.
Donaghy, C.
Donaghy, W.
Donaldson, J.
Douglas, T.
Douglas, A.
Douglas, R.
Douglas, W.

ATTENDED.  
 Aut. Spring.  
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NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Conkey, John A.	Durham	McFarlane & Co.	1893	
Cooke, A. S.	London	W. T. Strong	1883	
Cook, Chas. A.	Brantford	S. H. Golding	1890	1893
Cooke, H. B.	Dresden	E. Miller & Co.		1884
Cook, W. V.	Welland	H. W. Hobson		1882
Coombe, H. B.	Clinton	J. H. Coombe		1885
Coombe, J. A.	Clinton	J. H. Bugar	1882	1886
Cooper, T. C.	Welland	J. H. Bugar		1882
Copeland, R.	Lucknow	G. A. Sheppard		1893
Copeland, B. M.	Hamilton	Fred. H. Yapp	1893	1893
Copp, T. A.	Seaforth	J. L. Roberts	1892	1893
Corrigan, J. E.	Hamilton	Harris Bros.	1885	
Cote, Louis V.	Oakville	R. C. Balmer	1888	
Cohen, C. H.	Toronto	J. R. Lee	1886	
Coulson, J. A.	Orillia	R. Weir, Toronto	1887	1888
Cowper, J. A.	Welland	J. H. Bugar		1886
Cox, J. V.	Lakefield	S. Henderson	1887	1888
Crane, James C.	Aylmer	Ormond & Walsh, Peterborough.	1891	1892
Cranfield, E. S.	Stayner	W. B. Sanders	1887	1888
Crease, F. J.	Barrie	John Wood	1891	1892
Crease, H. G.	Barrie	J. R. Lee, Toronto	1889	
Cremet, C.	Orillia	J. R. Lee, Toronto	1889	
Cronkhitte, F.	Moore		1890	
Cross, W. A.	Ottawa	W. O. Jamieson	1892	1893
Crowe, George A.	Peterborough	T. Comfort, Aylmer	1891	1892
Crowe, W.	Truro, N.S.	W. F. O'Dell	1889	
Croy, P. R.	Ottawa	M. A. Lloyd	1886	
Cruson, B.	Almonte	M. Patterson	1885	
Crittenden, T.	Toronto	E. Cranfield	1892	93-94
Cryderman, C.	Toronto	Dr. Ogden	1886	1886
Cryderman, S. M.	Walkerton	C. W. Cryderman	1888	
Crysler, R.	St. Catharines	W. W. Greenwood		1886
Culbert, C. G.	Ottawa	E. D. Martin	1889	1890
Cummins, J.	Ottawa	Dr. K. D. Graham	1885	
Currie, H.	Picton	E. W. Case		1883
Curry, L.	Toronto	J. R. Lee	1884	1884
Curry, J. C. G.	Toronto	W. C. Niblett, Dundas	1889	
Darlington, A. G.	Chicago, U.S.A.	Higginbotham & Son, Bowmanville		1887
Davidson, Dickson	Peterborough	Ormond & Walsh	1889	1891
Davidson, G. W. W.	Hamilton	McGregor & Park, Brantford	1887	1888
Davidson, W. J.	Aurora	G. Patterson		1885
Davies, F. de C.	Charlottetown, P.E.I.	D. C. M. Reddin		1887
Davis, Geo. H.	London	John Jepsen	1893	1894
Davis, R. A.	Woodstock	W. A. Karn	1890	1891
Davis, J. E.	Wingham	F. Jordan, Goderich	1892	1893
Daw, A.	Toronto	W. S. Robinson	1885	
Dawson, A.	Toronto	W. Wright	1887	
Days, H.	Lucknow	C. A. Shepard		1886
Deachman, F. W.	Clinton	Dr. Werthington	1888	1890
DeLong, Orin	Tilsonburg	C. Thompson	1893	1894
Dent, J.	Toronto	W. J. Urquhart		1886
Deverell, A. D.	Whitby	W. R. Howse	1890	1891
Devitt, E. M.	Berlin	J. E. Neville		1887
Dickey, H. J.	Toronto	E. A. Smith	1882	
Dickson, D. A.	Galt	R. Ferrah	1892	1894
Dickson, T. O.	Goderich	J. Wilson	1884	
Dingman, G. B.	Strathroy	F. W. Meek	1885	1886
Dinning, J.	London	W. T. Strong	1882	
Dodds, E. M.	Orangeville	J. R. Dodds	1885	
Donaghy, C. E.	Brighton	R. Brown, Gananoque		1887
Donaghy, W.	Hamilton	W. D. Horton, Windsor		1888
Donaldson, J. S.	Woodstock	T. Scott & Sons	1883	
Dougall, T. H.	Renfrew	D. A. Clark	1885	1886
Douglas, A. E.	Welland	J. H. Bugar		1884
Douglas, R.	St. Catharines	W. W. Greenwood		87-90
Douglas, W. A.	Warkworth	W. Empey	1882	1884

## ONTARIO COLLEGE OF PHARMACY

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Douglas, W. G.	Owen Sound	R. Whitman	1883	1884
Douglas, W. J.	Markdale	R. L. Stephen	1880	1890
Dow, J. D.	Pembroke	R. B. Gray	85-88	1889
Dowdall, J. H.	Almonte	P. C. Dowdall	1884	1885
Dowling, E. P.	Almonte	T. P. Smith, Elora		85-86
Dowling, Frank	Deseronto	W. J. Malley	1893	
Down, S. B.	Peterborough	J. McKee	1886	
Dowsley, A.	Prescott	G. Birks	1886	
Dowsley, A. M.	Owen Sound	C. W. Manley	1893	1894
Duffy, J. E.	Toronto	A. B. Eadie		1885
Dumble, T. H.	Peterborough	George A. Schofield	1893	1894
Duncan, H. C. B.	Paisley	G. M. Everest		1886
Duncan, Hugh	Perth	M. Patterson	1890	1891
Duncan, R. A.	Embray	E. C. Fraser	1882	
Duncombe, A. C.	Waterford	J. S. Kestell	1887	
Duncombe, T. N.	St. Thomas	Dr. T. W. Duncombe	1888	1889
Dunlop, A. H.	Belleville	R. Templeton	1890	1891
Dunlop, H. E.	Orillia	H. Cook & Co.		1884
Dunn, S. L.	Newmarket	L. Scott	1891	1894
Dunoon, W. J.	Lindsay	S. Ferrin	1889	1890
Dutcher, H. M.	Hamilton	G. W. Spackman & Co.	1891	1892
Dyer, E. L.	Hamilton	D. D. Smith	1887	
Eakins, H. G.	St. Thomas	C. Mitchell		1883
Eakin, H. P.	Brantford	S. Tapscott	1890	
Easton, G. F.	Brockville	G. T. Fulford	1886	1886
Eby, M. F.	Port Elgin	M. F. Eby		1882
Eddington, C. M.	Thamesville	A. N. Hoag		
Edmonds, W.	Norwich	J. J. Bannon	1893	
Elder, H. P.	Streetsville	R. H. McClung	1893	1894
Elliot, Howard	Toronto	Elliot & Co.	1890	1891
Elliot, William, jr.	Toronto	Elliot & Co.	1890	1891
Elliott, A. T.	Hampden	J. Higginbotham & Son		1890
Elliott, H.	Toronto	Elliot & Co.		1887
Elliott, W. A.	Culloden	I. E. Yorke & Co.	1882	
Elvidge, E. H.	Cornwall	Dr. Pringle	1885	
Emerson, N. W.	Zimmerman	McGregor & Park, Brantford.	1891	1892
Erbe, S. W.	Toronto	J. E. Neville		1882
Ergewein	Millmay	J. A. Diement	1882	
Esdale, W. T.	Ottawa	Dr. A. Lloyd	1889	1890
Evans, William	Elmwood	John Evans	1891	1893
Ewing, H. E.	Cobourg	F. M. Gowans & Co.	1892	1893
Fairweather, E. M.	Sussex, N. B.	C. H. Fairweather		1887
Farr, F. E.	Sarnia	J. J. Clemens	1891	
Farris, F. W.	Ottawa	Kirby Bros.	1892	1893
Fawcett, A. E.	Toronto	J. Dilworth	1885	1885
Fawcett, F. W.	Toronto	W. Haldenby	1891	1892
Fear, G. A.	Brussels	John Hargreave	1888	1889
Fear, J. V.	Brussels	J. A. Gallich	1883	
Ferguson, A.	Toronto	E. B. Meacham	1885	1886
Ferguson, J. W.	Millbank	Dr. J. Johnston	1885	1885
Fessant, J.	Teeswater	W. G. Smith, Guelph	1887	1888
Field, W. H.	Pickering	Dr. Field	1884	
Fife, R. J.	Peterborough	Ormond & Walsh	1888	1889
Fish, J. W.	Otterville	Dr. A. J. Collyer	84-88	1888
Fitchett, J. W.	Napanee	A. W. Grange	1882	
Flack, E. R.	St. Thomas	W. O. Foster	1889	1890
Fleming, G.	Glenmorris	J. M. Hamilton, Blythe	1884	1886
Flemming, H. O.	Windsor	F. H. Laing	1886	
Flemming, J. W.	Brandon, Man.	Dr. A. Flemming	1888	1889
Fletcher, G. T.	Point Edward	G. G. Ingersoll	1892	1893
Flett, F. W.	Toronto	W. Brydon	1882	1893
Flynn, H. G.	St. Thomas	T. H. Duncombe	1892	

NAME.

Foote, W. R. ...  
 Forbes, G. A. ...  
 Forster, J. E. ...  
 Fortier, W. B. ...  
 Foster, A. L. ...  
 Foster, R. B. ...  
 Fowlds, C. R. ...  
 Fox, J. ...  
 Fraser, A. ...  
 Fraser, H. J. ...  
 Fraser, W. J. ...  
 Freer, B. J. E. ...

Galbraith, W. S. ...  
 Galley, W. E. ...  
 Gamon, C. A. ...  
 Gamsby, A. T. ...  
 Gardiner, W. F. ...  
 Gayfer, A. E. ...  
 Gayler, J. E. ...  
 Geary, William ...  
 Gibson, R. L. ...  
 Gibson, W. F. ...  
 Gilbank, J. C. ...  
 Gilfillan, J. J. ...  
 Gillies, A. C. ...  
 Glasford, V. H. ...  
 Glenny, E. J. ...  
 Golding, W. J. ...  
 Goodacre, L. A. ...  
 Goode, W. C. ...  
 Goodeve, A. S. ...  
 Goodeve, J. H. ...  
 Goodwin, F. J. ...  
 Gordon, H. F. ...  
 Gould, A. J. ...  
 Gould, W. J. ...  
 Gowans, F. M. ...  
 Gowans, J. N. ...  
 Graham, G. ...  
 Graham, J. N. ...  
 Graham, Thom ...  
 Graham, W. E. ...  
 Grange, W. ...  
 Grant, W. ...  
 Grant, W. H. ...  
 Gray, J. C. ...  
 Gray, J. N. ...  
 Gray, J. S. ...  
 Gray, John ...  
 Greatrix, W. F. ...  
 Green, H. W. ...  
 Green, J. ...  
 Green, S. M. ...  
 Gregory, A. ...  
 Gregory, W. ...  
 Griffiths, W. ...  
 Grimshaw, T. ...  
 Guillemont, H. ...  
 Gunn, James ...  
 Gunn, C. H. ...  
 Guy, A. E. ...  
 Hackney, J. ...  
 Haffy, Ross ...

ATTENDED.	
Aut.	Spring.
1883	1884
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NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Foote, W. R.	Bracebridge	Dr. S. Bridgeland		1883
Forbes, G. A.	Pembroke	F. W. Noble	1886	
Forster, J. E.	London	Dr. Forster	1886	1884
Fortier, W. B.	Port Colborne	John Gerrie		1887
Foster, A. L.	Ottawa	W. A. Jamieson		1884
Foster, R. B.	Hamilton	Findlay	85-86	
Fowlds, C. R.	Hastings	John Bower	1891	1892
Fox, J.	Wroxetter	William Robinson	1885	
Fraser, A.	Woodstock	R. Stark		1883
Fraser, H. J.	Ottawa	H. F. McCarthy		1885
Fraser, W. J.	Toronto	S. W. Johnston	1890	1891
Freer, B. J. E.	Kincardine	J. C. Cooke	1890	1891
Galbraith, W. S.	Guelph	N. G. Smith & Co.	1885	
Galley, W. E.	Toronto	John Pearin	1887	
Gamon, C. A.	Stayner	T. W. Coleman	1883	
Gamsby, A. T.	Orono	L. A. Gamsby		82-84
Gardiner, W. F.	Oshawa	J. Higginbotham		1887
Gayfer, A. E.	Ingersoll	John Gayfer	1890	91-93
Gayfer, J. E.	Ingersoll	John Gayfer	1893	1894
Geary, William	London	W. E. Saunders & Co.		1891
Gibson, R. L.	Toronto	J. E. Hanna, N. Gower	1893	
Gibson, W. F.	Kars	J. E. Hanna, N. Gower		87-90
Gilbank, J. C.	London	W. T. Strong	1888	1890
Gillilan, J. J.	Bowmanville	Stott & Jury	1891	1892
Gillies, A. C.	S. Dumfries	F. C. Bond, Galt	1891	1892
Glasford, V. H.	Brockville	T. J. B. Harding		1886
Glenny, E. J.	Oshawa	J. W. Higginbotham		1883
Golding, W. L.	Chesley	G. H. Golding	1883	
Goodacre, L. A.	London	E. F. Stevenson, Parkhill	1892	1893
Goode, W. C.	Morrisburg	L. T. Selleck		1883
Goodeve, A. S.	Guelph	W. G. Smith & Co.	1885	
Goodeve, J. H.	Toronto	F. P. Reynolds, St. Thomas	1892	1893
Goodwin, F. J.	Stratford	N. A. Bosworth	1889	
Gordon, H. F.	Toronto		1892	1893
Gould, A. J.	Colborne	A. W. Hawley, Trenton	1891	1892
Gould, W. J.	Toronto	W. Fitzgerald, Drayton	1892	
Gowans, F. M.	Cobourg	W. T. Porter		1886
Graham, G.	Morden	G. W. McLaren	1889	1893
Graham, J. N.	Windsor	C. T. Covertton, Montreal	1886	
Graham, Thomas	Sturgeon Point	John McKee, Peterborough	1890	1891
Graham, W. B.	Aylmer	W. J. Grundy	1885	
Grange, W.	Napanee	A. W. Grange	1884	
Grant, W.	Orillia	H. Cook	1886	
Grant, W. H.	Ottawa	J. Skinner & Co.	1882	1885
Gray, J. C.	Parkdale	R. Robinson, Toronto		1885
Gray, J. N.	Hagersville	S. W. Howard		1884
Gray, J. S.	Galt	S. W. Howard	1882	
Gray, John	Moorfield	Gilbard Bros.	1890	1891
Greatrix, W. R.	Belleville	W. R. Carmichael	1884	1885
Green, H. W.	Arthur	Dr. Robinson	1888	1890
Green, J.	Hamilton	MacGregor & Parke	1885	
Green, S. M.	Toronto	G. K. C. McGregor	1889	1890
Gregory, A. E.	Lindsay	E. Gregory	1889	1890
Gregory, W. H.	Lindsay	E. Gregory	1890	1891
Griffiths, W. A.	Toronto	C. H. Couen	1892	1893
Grimshaw, T. S.	Stayner	T. Stevenson, Orangeville	1891	1892
Guillemont, E.	London	Cairncross & Lawrence	1891	1892
Gun, James	Durham	H. Parker	1889	
Gunn, C. H.	Woodstock	R. Stark		1886
Guy, A. E.	Oshawa	W. Woon		
Hackney, J. C.	Exeter	A. W. Harrison, St. Thomas		1888
Haffy, Ross	Woodstock	J. White		1892

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			AUG.	SPRING.
Hagar, W. A.	Orangeville	T. Stevenson		1883
Hagarty, T. M.	Toronto	Hargreaves Bros	1891	1892
Hagleton, J. E.	Toronto	E. Hooper & Co.		1884
Hagyard, F.	Milton	A. Turner	1890	1891
Haken, H.	Norwich	J. A. Tidy	1888	1889
Hall, F. W.	Chatham	H. C. Hall		1882
Hall, J. B.	Orono	C. B. Borland		1886
Hall, M. C.	Waterloo	S. Snyder		1888
Hallet, T. H.	Orono	R. A. Gamsby		1890
Hamilton, A. L.	Shedden	E. A. C. Smith	1890	1891
Hammill, O. O.	Sudbury	H. B. Howell	1893	1891
Hanley, J. H.	Strathroy	F. W. Meek	1889	1890
Hanna, G. H.	Paisley	W. A. Hargreaves	1884	1884
Harrison, F. J.	Welland	Burgess & Douglas	1891	1892
Hargreaves, J. M.	Paisley	W. A. Hargreaves	82-84	
Harkness, Fred.	Tamworth	Wm. Booth	1891	
Harrington, A.	Port Perry	J. F. Belfry	1891	
Harrison, J.	Hamilton	A. T. Davis	1883	1892
Harrison, J. C.	Milton	Harrison Bros		1883
Harrison, J. W.	Ganaoquo	T. H. McCollom	1888	1889
Hartley, D. S.	Toronto	I. McGannon	84 87	1888
Hartley, T. P.	Shelburne	C. A. Gamon	1890	1891
Hartman, W. N.	Clarksburg	C. Line	1890	1891
Harvey, E. C. F.	Watford	W. P. McLaren	1885	1886
Hassard, W. T.	Owen Sound	R. Wightman	1888	
Hay, J. M.	Stratford	J. H. Nasmyth		1887
Hay, V. R.	Watford	T. B. Taylor	1888	1889
Heard, T.	Amherstburg	C. M. S. Thomas		1884
Hedley, R. A.	St. Mary's	O. Fraleigh		1886
Henderson, W. A.	Orangeville	T. Stevenson	1892	1893
Hellens, H.	St. Catharines	W. W. Greenwood	1884	1889
Helmer, R. A.	Ottawa	Dr. Cook, Hull, Q.	1884	
Henderson, Arch.	Ayr	C. McGeorge	1893	1894
Heming, W. W.	St. Thoms.	A. W. Harrison	1893	1894
Herod, Walter	Guelph	Herod & Co.	1891	1892
Hessey, C. E.	Orangeville	T. Stephenson	1889	1890
Hewitt, C. W.	Sparta	H. G. Eakins	1886	
Higginbotham, A.	Bowmanville	J. E. Higginbotham	1891	1892
Higginbotham, E. D.	Guelph	W. G. Smith & Co.	1882	1882
Hill, Charles W.	Tilsburg	Wm. McDonald	1891	1892
Hill, E. B.	New Westminster, B. C.	B. S. Curtis & Co.	1888	1889
Hill, G. S.	Norwich	W. A. Kirk	1888	89-90
Hill, J. K.	Portage la Prairie	B. M. Canniff		1891
Hill, Reuben	Norwich	H. J. Dager	1890	93-94
Hinch, G. H.	Odessa	D. B. Booth	1886	1889
Hipwell, J. R.	Toronto	I. Curry	89-90-91	90-92
Hoag, F. J.	Kingston	G. S. Hobart	1887	1888
Hobart, S. W.	Kingston	G. S. Hobart	1885	1888
Hobbs, J. A.	Morden, Man.	G. W. McLaren, Nelson	1887	1888
Hodgson, C. B.	Brampton	R. H. Hodgson	1892	1893
Hodgson, E. G.	Toronto	Hooper & Co.	1892	1893
Hodgson, J.	Brampton	R. Hodgson	1882	1886
Hodson, J. W.	Drayton	A. B. Petrie	1887	1888
Hoffman, J. W.	Waterloo	S. Snyder	86 88	1894
Hogg, W. E.	Thornbury	R. L. Howe & Co.	1893	
Hollingshead, J. R.	Tottenham	J. R. Bond		1887
Hookway, Wm.	St. Mary's	T. S. Ryley	1890	1891
Hoochman, A. B.	Peterborough	G. W. Morgan	1891	1892
Hooper, J. H.	Charlottetown, P.E.I.	G. E. Hughes		1887
Hopkins, A. S.	Toronto	J. H. McKenzie		1893
Hopkins, C. H.	Belleville	D. M. Waters		1888
Horton, H. G.	Toronto	Sherris & Conger		1889
Hossack, Robert	Toronto	Elliot & Co.	1891	1891
Houston, T. W.	Tweed	Dr Tuttle	1883	1892
Hovey, J. E.	Clinton	James H. Combe	1893	1894
Houston, R. C.	Kingston	N. C. Polson	1893	1894
Hooper, Fred	Napasee	Anderson & Miller	1893	1894
Hotson, A. E.	London	A. W. Grange & Bro.	1893	
Howard, E. T.	Hagersville	S. W. Howard	1891	1892

NAME.
Howard, W. S.
Howe, S. L.
Howe, W. A.
Howell, H. B.
Huffman, F. G.
Hunter, G. A.
Hyde, F. H. A.
Iber, F. B.
Ivison, Wm.
Jackson, Sydney
Jackson, A. D.
Jackson, Stanley
Jackson, E.
Jackson, W. D.
James, F. W.
James, J. B.
Jamieson, J. A.
Jeffs, F. W.
Jeffries, T. W. G.
Jeffrey, C. W.
Jenkins, W. T.
Jenkins, W. T.
Jewell, E. M.
Johns, O. G.
Johnson, J. F.
Johnson, Lowry
Johnson, R. M.
Johnson, Anna
Johnson, A. R.
Johnson, B. M.
Johnson, H. L.
Johnson, J.
Johnson, J. A.
Johnson, James
Johnson, John A.
Johnson, John
Jones, A. H.
Jones, C. E.
Jones, C. R.
Kaitling, Wm.
Kannawin, J. B.
Karn, J. G.
Keddie, W. G.
Kendall, W. G.
Kennedy, A. G.
Kennedy, George
Kernohan, R.
Kibblewhite, E.
Kilgour, E. B.
Kipp, H.
King, W. A.
Kirby, H. S.
Kirby, R. H.
Kirkpatrick, F.
Knolwes, E. J.
Kyle, R. J.



ATTENDED.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
Aut.	Spring.				Aut.	Spring.
1891	1883	Howard, W. S.	Toronto	J. R. Lee	1886	1885
	1892	Howe, S. L.	Meaford	W. N. Stevens	1889	1890
	1884	Howe, W. A.	Thorbury	S. R. Howe	1886	1887
1890	1891	Howell, H. B.	St. George	W. W. Howell	1891	1892
1888	1889	Huffman, F. G.	Napanee	T. A. Huffman	1882	1883
	1882	Hunter, G. A.	Clarksburg	C. W. Hartman	1892	1893
	1886	Hyde, F. H. A.	Woodstock	G. A. Fraser		
1889	1888					
1890	1890	Iber, F. B.	Essex Centre		1888	1889
1893	1891	Iverson, Wm.	Guelph	W. G. Smith & Co.		
1889	1890					
1884	1884					
1891	1892					
82-84						
1891	1892	Jackson, Sydney	Clinton	G. R. McColl, St. Thomas	1893	1894
1883	1883	Jackson, A. D.	Clinton	N. A. Bogworth, Stratford	1892	1893
1888	1889	Jackson, Stanley	Woodstock	John J. Hall	1892	1893
84-87	1888	Jackson, E.	Simcoe	Hayes & Co.	1889	
1890	1891	Jackson, W. D.	Guelph	Herod & Co.	1887	1888
1890	1891	James, F. W.	Strathroy	W. J. Dyas	1889	1890
1885	1886	James, J. B.	Toronto	Wm. Haldenby	1893	1894
1888	1887	Jameson, J. A.	Watford	E. C. Harvey, Rodney	1893	1894
	1889	Jeffs, F. W.	Havelock	Dr. W. H. Jeffs	1893	
1888	1889	Jefferis, T. W. G.	Toronto	B. G. Jefferies	1882	
	1884	Jeffrey, C. W.	Welland	H. W. Hobson		1886
	1886	Jenkins, W. T.	Bobcaygeon	Dr. McCammal	1886	
1892	1893	Jenkins, W. T.	Fenslon Falls	T. G. Rigley, Bethany	1886	
1888	1889	Jewell, E. M.	Bowmanville	Stott & Jurgens		1883
1884	1894	Johns, O. G.	Cobourg	F. M. Gowans & Co.	1892	1893
1893	1894	Johnson, J. F.	Owen Sound	J. F. McCallum	1890	1891
1893	1894	Johnson, Lowry	Minden	F. R. Curry	1891	
1891	1892	Johnson, R. M.	Charlottetown, P.E.I.	A. S. Johnson, Ph. G.	1892	1893
1889	1890	Johnson, Anna M.	Chatham	H. C. Hall, Detroit	1885	
1886	1892	Johnson, A. R.	Toronto	Hargreaves Bros.	1893	1894
1891	1882	Johnson, B. M.	Toronto	S. W. Johnston		1883
	1892	Johnson, H. L.	Port Rowan	W. Scott, Toronto	1884	
1882	1889	Johnson, J.	Ememee	F. R. Curry, Minden	1888	1889
1891	1892	Johnson, J. A.	Whitby	W. R. Howse	1887	1888
1888	1889	Johnson, J. C.	Toronto	S. W. Johnston	1889	1890
1888	89-90	Johnson, James A.	Toronto	C. D. Daniel	1893	1894
1890	1891	Johnson, John A.	Smith's Falls	Wm. Johnston	1892	1894
1886	93-94	Johnson, John J.	Ottawa	T. W. Shillington, M.D.	1893	1894
89-90-91	90-92	Jones, A. H.	St. Catharines	A. Dukes & Co.	1889	
1887	1888	Jones, C. E.	Mitchell	J. W. Cull		1887
1885	1888	Jones, C. R.	Tamworth	D. E. Rose	1889	1890
1887	1888					
1892	1893					
1882	1882					
1887	1888					
86-88	1889	Kaitting, Wm.	Toronto	W. Gaynor	1891	1892
1893	1894	Kannawin, J. B.	Acton	N. McGarvin		1887
1890	1887	Karn, J. G.	Woodstock	W. A. Karn		1887
1891	1891	Keddie, W. G.	Oshawa	L. J. Maxwell	1893	1894
	1887	Kendall, W. T.	Dundas	W. C. Niblett	1890	1891
	1892	Kennedy, A. G.	Toronto	W. Wright	1891	1892
	1887	Kennedy, George A.	Toronto	Hargreaves Bros.	1885	1885
1888	1889	Kernohan, F. Y.	Ingersoll	R. Kneeshaw & Co.	1886	1887
1890	1891	Kibblewhite, E. J.	Acton	J. F. Holden	1890	1891
1891	1892	Kilgour, E. B.	Mt. Forest	W. Colclough	1890	1891
1883		Kipp, H.	London	W. Saunders & Co.		1884
1893	1894	King, W. A.	Orillia	H. Cook & Co.	1884	
1893	1894	Kirby, H. S.	Ottawa	A. Christie & Co.	1885	1889
1893	1894	Kirby, R. H.	Ottawa	A. Christie & Co.	1888	
		Kirkpatrick, F. M.	Galt	W. H. Lutz	1884	
1891		Knowles, E. W.	Guelph	W. G. Smith	1887	1888
1891	1892	Kyle, R. J.	Strathroy	W. J. Dyas		1889

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Lacourse, A.	Hespeler	W. Saunders	1883	
Lacourse, A. jr.	Berlin	N. H. Jackson, Winnipeg	1885	
Lafamme, E. B.	Ottawa	C. O. Dacier	1886	1886
Laidlaw, W.	Orillia	J. W. Slavin	1888	
Lake, W. B.	Toronto	S. N. Erbe	1886	1886
Lalonde, F. C.	Brockville	J. Williams	1885	1886
Landreth, J. H.	Galt	R. Ferrah	1888	1889
Langley, W. F.	Victoria	Langley & Co.		1887
Laumie, H. E.	Bradford	T. Edmanson	1883	1884
Larkins, G.	Toronto	W. A. Howell, Hamilton	1884	
Lattimer, W.	Toronto	W. S. Christie	1890	1891
Lavis, J. F.	Oshawa	R. A. Harrison	1888	1889
Law, Charles	Tilsburg	C. Thomson	1891	1892
Lawson, J. F.	Hamilton	Garland & Rutherford		1887
Leach, W.	Napanee	D. E. Rose	1884	
Ledingham, Wm.	Durham	McFarlane & Co.	1892	1893
Lee, J.	Woodstock	J. J. Hall & Co.		1886
Lee, W. H.	Toronto	R. Lee	1892	
Leitch, D. G.	Hamilton	Garland & Rutherford	1886	
Lemaire, J. F.	Toronto	E. G. Lemaire	1889	
Lent, H. P.	Ridgetown	E. Miller, Dresden	1886	1887
LePatourel, T. A.	Burlington	A. Wilson & Co., Hamilton	1888	1889
Leslie, R. P.	Brockville	T. J. B. Harding	1893	1894
Lewis, C.	Toronto	C. H. Roach, Cork		1884
Liddell, W.	Cornwall		1892	1893
Little, G. J.	Parkdale	G. A. Devlin	1883	
Little, J.	Ottawa	W. A. Lloyd		1883
Lloyd, W. T.	Kettleby	J. E. York	1889	1890
Logan, D. S.	St. Catharines	A. J. Greenwood	1887	1888
Logan, W. C.	Toronto	J. Nugent, Peterborough	1892	1893
Lockie, J. A.	Hanover	W. H. Goodeve	1885	
Lockie, F. M.	Hanover	W. H. Goodeve	1888	1889
Loucks, J. A.	Campbellford	W. F. Loucks	1893	1893
Love, H. W.	Toronto	J. Dilworth	1890	1892
Love, John	Treherne	S. L. Taylor	1893	
Luckham, J.	Alviston	P. A. McDiarmid	1889	1890
Lusk, C. P.	Oakville	Dr. Urquhart		1886
Lynch, C. A.	Toronto	H. Sherris	1883	
Lynch, J.	Peterborough	John Nugent	1890	1891
Lyman, Osman	Ingersoll	D. Secord	1893	
McAlpine, R. J.	Gore Bay	J. R. McGregor	1891	1892
McBrien, W. H.	Orangeville	J. Stevenson	1886	1886
McBeath, D.	Winnipeg	J. C. Gordon	1892	1893
McCall, A. J.	Brussels	G. A. Deadman	1893	1894
McCallum, Jessie.	New Hamburg	F. H. McCallum	1893	1883
McCann, J. D.	Stirling	R. Parker	1892	1894
McCamus, W. E.	Peterborough	J. D. Tulley	1891	
McCarthy, F. C.	Peterborough	H. S. McDonald	1891	
McClain, Wm.	Geaford	W. W. Stephen	1892	1893
McClintoch, W. L.	Newmarket	W. Bentley	1891	
McClung, R. W.	Manitou, Man.	E. Scarlett	1885	1885
McCull, G. R.	St. Thomas	W. O. Foster & Co.	1886	1894
McCullom, J. F.	Milton	J. H. McCollom	1887	1888
McCormack, G. F.	Ottawa	H. Watters	1889	1890
McCrea, W. A.	Toledo	R. K. Kilborn	1891	92-93
McCuen, George R.	Guelph	W. G. Smith	1892	1893
McDaniell, R. W.	St. Thomas	J. Dutton, Stratford	1887	1888
McDermid, N. I.	London	Harkness & Co.	1889	1890
McDonald, G.	St. Catharines	J. R. Seymour	1888	1890
McDonald, J. A.	Guelph	A. B. Petrie	1892	
McDonald, A. McG.	Acadia Mines, N.B.	Tippard & McDonald		1887
McDonald, J. H.	Perth	J. Kellock	1889	1890
McDonnell, J.	Cornwall	W. B. Thompson	91-93	92-94
McDougall, R. W.	Ottawa	A. Christie	1887	
McDougall, W. C.	Guelph	A. B. Petrie	1887	
McEachren, J.	Galt	G. E. Gibbard	1890	1891
				1885

McElroy, J. L.
McFarlane, R.
McGibbon, P. J.
McGillivray, D. J.
McGregor, J. R.
McGuire, W. J.
McIntyre, Colin
McIntyre, J.
McIntyre, W. A.
McKay, J.
McKeague, W.
McKee, W.
McKenzie, J. A.
McKenzie, J. L.
McKenzie, S. R.
McKenney, J.
McKeown, J. S.
McKindsay, W.
McKinley, C. T.
McKinnon, Alex.
McKinnon, D.
McKurracher, J.
McLaren, D.
McLaren, W.
McLarty, James
McLaughlin, N.
McLaughlin, J.
McLean, F. W.
McLean, H. G.
McLean, W. A.
McLean, N. T.
McLay, J. F.
McLeary, R. H.
McLeister, John
McLellan, T. J.
McLellan, J. F.
McLeod, J. A.
McLeod, J. B.
McManus, F. C.
McMaster, Ang.
McMaster, John
McMichael, R.
McMillan, A.
McMillan, D.
McPhail, R. D.
McPherson, G.
McQuarrie, W.
McQuade, E.
McRae, J. R.
McRae, J. W.
McRobie, John
McRossie, G.
McTavish, J.
McVey, W.
Maclean, M.
Maddock, P.
Maddill, W. R.
Mahood, G. V.
Malley, W. T.
Marling, A.
Martin, E. V.
Martin, J. E.
Marshall, F.
Marshall, G.
Marshall, G.

ATTENDEE.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDEE.	
Aut.	Spring.				Aut.	Spring.
	1883	McElroy, J. L.	Ottawa	H. F. McCarthy	1892	1893
	1884	McFarlane, R.	Durham	G. C. McFarlane	1882	
1886	1886	McGibbon, P. J.	Sarnia	R. D. Scott	1888	1890
1888	1889	McGillivray, D. J.	Whitby	W. R. Howse	1887	1884
1886	1886	McGregor, J. R.	Welland	J. Cumines		1892
1885	1886	McGuire, W. J.	Elmvale			1893
1888	1889	McIntyre, Colin	St. Thomas	G. A. Hugill	1892	
1883	1884	McIntyre, J.	Toronto	Hargreaves Bros.	1890	1891
1884		McIntyre, W. A.	St. Mary's	S. Fraleigh	1890	1891
1890	1891	McKay, J.	Toronto	J. R. Lee	1887	
1888	1889	McKeage, W.	Welland	H. W. Hobson	1888	1889
1888	1889	McKee, W.	Brighton	Dr. A. D. Lake	1889	1890
1891	1892	McKenzie, J. A.	Owen Sound	V. H. Chandler	1890	
	1887	McKenzie, J. L.	Dundalk	H. Parker	1887	1892
1884		McKenzie, S. R.	Parkdale	G. A. Devlin		1883
1892	1893	McKenney, J.	Ottawa	E. D. Martin	1888	1889
1886	1886	McKeown, J. S.	Belleville	R. Templeton	1891	1892
1892		McKindsay, W. J. H.	Streetsville	Wm Madill	1884	1891
1886		McKinley, C. T.	Clarksburg	C. W. Hartman	1892	93-94
1889		McKinnon, Alex.	Kincardine	Dewitt H. Martyr	1893	1894
1888	1887	McKinnon, D.	Beaverton	John McKinnon	1883	
1893	1884	McKurracher, J. D.	Kincardine	G. M. McKendrich		1884
1892	1893	McLaren, D. H.	Almonte	M. Patterson		1885
1883		McLaren, J. W.	Mitchell	S. A. Hodge	1884	1885
		McLarty, James	Strathroy	F. W. Meek	1891	1892
		McLaughlin, N.	Gorrie	C. J. Passmore		83-85
	1883	McLaughlin, J. J.	Oshawa		1885	1885
1889	1890	McLean, F. W.	Goderich	G. Rhynas	1886	
1887	1888	McLean, H. G.	Brockville	J. McLean, St. Mary's		1884
1892	1893	McLean, W. A.	Chatham	A. E. Pilkey	1892	1893
1885		McLean, N. T.	Watford	W. P. McLaren	1890	1891
1888	1889	McLeay, J. F.	Bowmanville	Stott & Jury	1887	1888
1891	1893	McLeary, R. H.	Newmarket	James Kelman	1893	1894
1890	1892	McLellan, T. E.	Galt	J. C. Graham	1884	
1893		McLellan, J. F.	Ottawa	H. Watters	1887	88-90
1889	1890	McLeod, J. A.	Cornwall	E. H. Brown	1885	
	1886	McLeod, J. B.	Kingston	W. T. C. Bethel	1883	
1883		McManus, F. C.	Toronto	J. F. Belfry	1893	
1890	1891	McMaster, Angus	Guelph	A. B. Petrie	1890	1891
1893		McMaster, John	Angus	W. B. Nesbitt	93-94	1894
		McMichael, R. W.	Mitchell	J. W. Cull	1886	1886
		McMillan, A. M.	Ottawa	W. A. Lloyd	1887	1888
		McMillan, D.	Collingwood	E. R. Carpenter	1887	1888
1891	1892	McPhail, R. D.	Perth	J. Bower & Son	1892	1893
1886	1886	McPherson, G. S.	Strathroy	F. W. Meek	1884	
1892	1893	McQuarrie, W.	Goderich	F. P. Reynolds, St. Thomas	1887	
1893		McQuade, E.	Collingwood	A. H. Johnson	1892	1893
	1883	McRae, W. F.	Meaford	F. T. Burgess	1892	1885
1892	1894	McRae, J. R.	Peterborough	J. McKee	1892	1893
1891		McRae, J. W.	Glencoe	M. F. Barclay	1891	1892
1892	1893	McRobie, John	Petrolia	Charles Lewis	1890	91-92
1885	1885	McRossie, G. A.	Napanee	F. C. Clarke	1893	1894
1893	1894	McTavish, J. H.	Collingwood	I. Greaves	1885	1887
1886		McVey, W.	St. John, N.B.	R. W. McCarty	1886	
1887	1888	Maclean, M. J.	Belleville	D. M. Waters	1892	93-94
1889	1890	Maddeck, P. F.	Guelph	W. G. Smith	1891	1892
1891	92-93	Madill, W. R.	Toronto	W. R. Hoar	1887	
1887	1888	Maheed, G. W.	Kingston	W. J. Wilson	1893	1894
1889	1890	Malley, W. T.	Shannonville	Dr. J. E. Baird, Pakenham		1886
1888	1890	Marling, A. W., Rev.	Juba, Africa	A. G. McBean		1884
1892		Martin, E. W.	Hespeler	R. P. Skinner	1890	
1889	1890	Martin, J. E.	Niagara Falls	P. A. McDiarmid, Alvinston		1885
91-93	92-94	Marshall, F. E.	Brighton	J. Woods	1893	1894
1887		Marshall, G. G.	Barrie	E. J. Waugh	1885	
1890	1891	Marshall, G. W.	Toronto		1885	1894

NAME	ADDRESS	PRECEPTOR	ATTENDED		NAME
			AUL.	Spring.	
Marshall, J. A.	Port Hope	R. Deyell		1883	Oldham, S. . . . .
Marshall, W. G.	Mount Forest	L. H. Yeomans	1886		Orchard, C. E.
Mason, F. H.	Toronto	Dr. J. Ogden	1889		
Mason, R. A.	Markham	W. Miller & Co.	1883		
Master, Walter	Berlin	E. M. Devitt, Waterloo	1893		
Matthew, D. J.	Stratford	J. H. Nasmyth & Co.	1885		
Maxwell, W. H.	Oshawa	W. T. Atkinson	1884		Packert, H. M.
May, J. W.	Toronto	W. J. Rose	1882		Parker, C. E.
Mayhew, H.	Trenton	J. F. Spaulsbury	1893	1894	Parker, C. W.
Maynard, G. T.	Port Hope	R. Deyell	1892	1893	Parkes, G. . . . .
Mears, E. C.	St. Catharines	James Mills		1890	Patrick, R. A.
Medley, W. H.	Kingston	Henry Wade		1894	Paxton, F. G.
Meek, W. H.	Orangeville	H. S. Webber		1891	Peaker, G. A.
Meldrum, D. G.	Toronto	F. T. Burgess	1890		Peaton, J. M.
Meldrum, H.	Fenelon Falls	W. E. Ellis	1889	1890	Pement, T. . . . .
Menger, W. S.	Elmira	Walmsey & Merner	1884	1888	Pentland, J. . . . .
Mengies A.	Carleton Place	D. F. McEwan	1886		Pentz, R. L.
Mercer, F. B.	Toronto	May & Co.		1885	Peplow, J. Ma
Merrill, Frank	Brantford	D. S. Sager		1892	Pepper, P. F.
Middough, L.	Thorold	Charles A. Kyle	1889		Pethick, J. . . . .
Millard, C. T.	Orillia	E. H. Robinson		1885	Petrie, A. B. j
Miller, F. J.	Blytheswood	P. H. Hughes, Leamington	1893	1894	Petrie, G. M.
Miller, R. N.	Tanworth	F. C. Clark	1890	1891	Pettit, Delos
Millman, J. T.	Guelph	A. B. Petrie	1883	1887	Phillips, O. N.
Mills, Chas. G.	Bracebridge	S. Bridgeland	1893	1894	Phin, J. . . . .
Mills, F. W.	Brantford	McGregor & Parks	1889		Piper, D. N.
Mills, G. W.	Oakland	McGregor & Parks, Brantford	1887	1888	Pirt, Alfred E
Mitchell, Alex.	Waterdown	J. W. Sutherland, Hamilton	1892		Playter, C. P.
Mitchell, T. B.	Watford	W. E. Ellis	1892	1893	Pollard, W. M
Mitchell, D. J.	Kingston	N. C. Polson & Co.	1884		Pollock, R. . . . .
Mitchell, E. C.	Kingston	W. J. Wilson	1885		Poole, W. G.
Mitchell, W. J.	Watford	G. A. McAnn, Wallaceburg	1886		Porter, J. S.
Mitchell, H. W. B.	Toronto	Hooper & Co	1893	1894	Powell, H. . . . .
Mittleberger, G. B.	Toronto	S. W. Johnson	1889		Price, F. R. . . . .
Montgomery, W. R.	Lakefield	S. Henderson	1891		Proctor, H. . . . .
Mooney, G. S.	Toronto	H. M. Kipp	1888	85-89	Pulford, W. . . . .
Morden, G. E.	Dessaronto	W. J. Malley	1894		Powell, T. H.
Morgan, L. P.	Lindsay	A. Higginbotham	1885		
Morrow, A. E.	Cobourg	J. E. Kennedy		1885	
Morrow, T.	Chatsworth	J. W. Elliott	1882		
Morton, J. S.	Tweed	L. Tuttle	1892	1893	
Moyer, A. B.	Toronto	H. A. Knowles	1890	1891	Quirk, T. . . . .
Muir, R. S.	Port Elgin	G. B. Smith & Co.	1884		
Muir, T. A.	St. Thomas	F. B. Reynolds	1886		
Mulligan, R. J.	Omeme	Dr. Higginbotham	1889		
Mundy, V. S.	Hamilton	Mark Mundy	1892	1893	
Munro, E. D.	St. Thomas	F. F. Reynold	1891	1892	
Murchison, W.	Lucknow	Dr. Tennant	1886		
Musgrove, I. J. T.	Ottawa	J. A. Musgrove	1891	1892	
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Naismith, J.	Pembroke	I. & J. H. Walford, Renfrew	1888	1889	
Nash, C. M.	Belleville	Dr. Nash	85-87	1886	
Naylor, R.	Lindsay	H. Howard, Toronto		1885	
Neff, H. C.	Chatham	R. S. Priddy		1883	
Neff, J. E.	Fort Colborne	F. D. Thine & Son	1882		
Newton, C. H.	Toronto	H. Yeomans		1885	
Nichol, W. J.	Mount Forest	C. Bruce	1893	1894	
Nicholson, J. H.	Strathroy	W. J. Dyas		1893	
Niehaus, F. W.	Toronto	Alex. McLaren	1893	1894	
Noble, W. G.	Coleman	B. E. McKenzie	1888	1889	
Noecker, L. A.	Waterloo	Herod & Co., Guelph	89-92	1890	
Norris, R.	Elora	T. P. Smith	1890	1891	
Oakley, A. F.	Toronto	Dr. F. Oakley	88-89		
O'Connor, H. B.	Teeswater	R. N. Thurtell	1889		
					Radcliffe, J. . . . .
					Radford, J. J.
					Radley, E. C
					Ralph, R. E
					Rand, A. V.
					Randall, J. E
					Raney, W. H.
					Ray, Alex. . . . .
					Ready, T. W.
					Reddin, A. W.
					Reed, J. W.
					Reekie, R. P.
					Reid, R. . . . .
					Reid, George
					Reynolds, S.
					Rice, C. A. . . . .
					Rice, J. B. . . . .
					Richards, W.
					Rickey, E. . . . .
					Riduell, W.
					Ritchie, M.
					Riterson, E.
					Robinson, R.
					Roberts, D.

ATTENDED.	
Aut.	Spring.
1886	1883
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NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Oldham, S. ....	Tamworth .....	T. Hopkins .....	1891	1892
Orchard, C. E. ....	Newcastle .....	R. Fothergill .....	1882	
Packert, H. M. ....	Stratford .....	J. H. Nasmyth .....	1891	1893
Parker, C. E. ....	Toronto .....	Robert Parker .....	1891	1892
Parker, C. W. ....	Toronto .....	K. Robinson .....	1891	1892
Parkes, G. ....	Hamilton .....	A. W. Harrison, St. Thomas .....	1885	
Patrick, R. A. ....	London .....	George Harkness .....	1890	
Paxton, F. G. ....	Port Perry .....	S. E. Allison .....	1887	
Peaker, G. A. ....	Brampton .....	R. G. Hodgson .....	1890	1891
Pearen, J. M. ....	Toronto .....	J. Wright & Co. ....	1883	
Pement, T. ....	Hull .....	R. J. Mills, Ottawa .....	1891	1892
Pentland, J. ....	Drumbo .....	H. E. Lamm .....	1890	
Pentz, R. L. ....	Toronto .....	Dr. W. A. Bentley, Newmarket .....	1892	1893
Peplow, J. Max. ....	Peterborough .....	H. S. MacDonald .....	1892	1893
Pepper, P. F. ....	Millgrove .....	Blackader & Mills .....	1892	83-84
Pethick, J. ....	Stratford .....	G. H. Vaugh .....	1883	
Petrie, A. B., jr. ....	Guelph .....	John A. Clark .....	1888	1893
Petrie, G. M. ....	Toronto .....	Lemaitre & Tuthill .....	1891	1892
Pettit, Delos. ....	Otterville .....	Dr. A. J. Callivar .....	1892	1893
Phillips, O. N. ....	Aurora .....	S. H. Ashton .....	1883	
Phin, J. ....	Guelph .....	W. G. Smith & Co. ....	1891	1892
Piper, D. N. ....	London .....	Dr. Piper .....	1884	
Pirt, Alfred E. ....	Uxbridge .....	D. McGillivray .....	1893	1894
Playter, C. P. ....	Toronto .....	J. R. Lee .....	1887	1888
Pollard, W. N. ....	Bethany .....	G. Breton .....	89-91	
Pullock, R. ....	W. H. Lutz .....	W. H. Lutz .....	1885	
Poole, W. G. ....	Dunnville .....	R. A. Harrison .....		1884
Porter, J. S. ....	Seaforth .....	J. S. Robert .....		1884
Powell, H. ....	Aurora .....			1884
Price, F. R. ....	Goderich .....	F. Jordan .....	1887	1888
Proctor, H. T. ....	Harrison .....	W. B. Smith .....	1888	1890
Pulford, W. ....	Stonewall, Man. ....	Dr. T. W. Fulford .....		1883
Powell, T. H. ....	Whitby .....	W. V. Cook, Toronto .....	1893	1894
Quirk, T. ....	Cobourg .....	Dr. E. G. McNicholl .....	1885	
Radcliffe, J. H. ....	Granton .....	Dr. Lang .....	1884	1885
Radford, J. H. ....	Aylmer .....	J. E. Richards .....	1893	1894
Radley, E. C. ....	Chatham .....	S. B. Bradley .....	1887	
Ralph, R. E. ....	Hamilton .....	M. Mundy .....	1885	
Rand, A. V. ....	Wolfville, N.S. ....	George V. Rand .....	1891	1892
Randall, J. DeW. ....	St. Catharines .....	A. J. Greenwood .....	1886	
Raney, W. H. ....	Prescott .....	A. O. Harding .....	1888	1889
Ray, Alex. ....	Belleville .....	R. Parker, Stirling .....	1892	1893
Ready, T. W. ....	St. Mary's .....	G. W. Harkness, London .....	1891	
Reddin, A. W. ....	Charlottetown, P.E.I. ....	D. O. M. Reddin, jr. ....	1891	1892
Reed, J. W. ....	Chesley .....	J. O. Stinson .....	1892	1893
Reekie, R. P. ....	St. Thomas .....	R. J. Old .....	1891	1892
Reid, R. ....	Mount Forest .....	L. H. Yeomans .....	1890	1891
Reid, George .....	Bright .....		1893	
Reynolds, S. ....	Markdale .....	Dr. S. S. Sproule .....		1883
Rice, C. A. ....	St. Catharines .....	A. Jukes & Co. ....	1889	1887
Rice, J. B. ....	Woodstock .....	W. A. Karn .....	1889	
Richards, W. A. ....	Ottawa .....	A. Christie & Co. ....	1884	
Rickey, E. ....	Prescott .....	A. O. Harding .....	1891	1892
Ridwell, W. C. ....	Mount Forest .....	A. J. Greenwood .....	1888	1890
Ritchie, M. G. ....	Kincardine .....	J. C. Cook .....	1883	
Robertson, Herbert G. ....	Hamilton .....	J. A. Zimmerman .....	1893	
Robinson, R. B. W. ....	Ottawa .....	Kirby Bros. ....	1893	1891
Roberts, D. A. ....	St. John, N.B. ....	G. W. Hobden .....	1889	1890

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Roberts, J. F.	Seaforth	J. S. Roberts	1887	1888
Roberts, S. E.	Cobourg	R. Wilson		1888
Robertson, D. S.	Strathroy	W. J. Dyas		1884
Robertson, E. J.	Toronto	W. Holdenby		1884
Robertson, G. J.	Niagara Falls	R. P. Skinner	1887	1888
Robertson, H. R.	Sarnia	R. D. Scott	1891	
Robertson, W. S.	Perth	J. F. Kelloch	1884	
Robinson, D.	Kingston	G. S. Hobart	1891	1892
Robinson, E. F.	Yorkville	W. S. Robinson		1882
Robinson, J. S.	Collingwood	A. H. Johnston		1887
Robinson, L. P.	Toronto	W. H. Cox		1885
Roblin, W. H. L.	Ameliasburg, P. E. Co.	Andrew Jeffrey		1889
Robson, E.	London	W. E. Saunders & Co.	1888	
Roche, H. P.	Kingston	J. C. King	1890	
Rochester, J. L.	Ottawa	A. L. Foster	1892	1893
Roger, W. H.	Ottawa	H. J. Fraser	1890	1891
Rogers, G. E.	Norwich	J. J. Bannon	1891	1894
Rogers, H. J.	Ottawa	S. Skinner & Co.	1889	1891
Roos, A. J.	Waterloo	J. Snyder	1884	1885
Roseburg, R. M.	Toronto	W. J. Davidson	1889	
Rose, C. H.	Tamworth	D. D. Rose	1891	1892
Rose, M. C.	Toronto	R. W. Boyle	1890	1891
Ross, A. H.	Hamilton	G. W. Spackman	1892	1894
Ross, J. G.	Embro	R. A. Duncan		1889
Rowan, J. E.	Tilsonburg	T. Flood, Southampton	1884	
Rowland, Thos.	Georgetown	Dr. D. Gould	88-93	93-94
Rowntree, R. M.	York, Eng.	R. Dresser		
Roy, H. C.	Toronto	L. Hooper & Co.	1883	
Ruby, C.	Berlin	H. E. Neville	1890	1891
Rudd, A. B.	Perth	Dr. H. C. Rudd		1886
Ruddell, W. A.	Hespeler	A. G. McBean	1891	1893
Rust, T.	Toronto	Dr. W. Armstrong	1886	
Ruston, F.	Georgetown	T. Ruston		87-88
Rutherford, W. J.	Peterborough	W. J. Tully	1883	
Rulledge, Wm. H.	Creemore	W. J. Corbett	1892	1893
Ryall, H.	Paris	G. L. Scott		1886
Ryall, S.	Paris	G. L. Scott	1891	1893
Ryley, A. A.	Bethany	T. G. Ryley		1883
Sadler, G. J.	Ottawa	E. D. Martin	1890	1891
Sampson, N.	Norwich	D. M. Kirk		1887
Sanderson, M.	Milton	J. H. McCollum		1883
Sanderson, T. G.	St. Mary's	S. Fraleigh	1889	1890
Sangster, E.	Hamilton	Harrison Bros	1889	1891
Sargant, B. M.	Toronto	E. Hooper & Co.	1891	1892
Saunders, A. J.	Wroxeter	T. W. Scott, Toronto	1892	1893
Sawtell, E. T.	Hamilton	H. S. Webber, Orangeville	1887	1888
Sawyer, A. D.	Kingston	G. S. Hobart	1883	
Sawyer, R. W.	Wallaceburg	G. A. McAnn	1889	1890
Sayers, G. W.	Buffalo, N. Y.	E. J. Liebetmet	1885	
Scales, E. W.	Oshawa	C. Symonds	1892	1893
Scarlett, E.	Cobourg	R. Wilson	1883	
Scarlett, R. A.	Cobourg	R. Wilson		1886
Schofield, G. A.	Peterborough	J. McKee	1885	
Scott, C. S.	Newmarket	Dr. Bentley	1883	1884
Scott, P. L.	Paris	G. L. Scott		1887
Scott, R. W.	Sarnia	Dr. T. G. Johnston	1884	
Scott, T. W.	Woodstock	Scott & White		1883
Scott, W.	Bradford	T. Edmanson	1891	1892
Scott, Walter B.	Brad Hope	R. Wilson, Cobourg	1891	1892
Seeds, S. A.	Pictou	E. W. Case	92-93	93-94
Shand, A.	Simcoe	J. Austin & Co.	1887	1888
Sharp, W. R.	Brampton	C. Stork & Co.	1890	1891
Shaw, F. A.	Bowmanville	D. Secord, Ingersoll	1884	
Shaw, W. J.	Ottawa	John Roberts	1888	1889
Seagers, J. H.	Orillia	J. W. Slaven	1893	1894
Smith, James A.	Hamilton	A. Vincent & Co.	1893	1894

Small, George A.  
 Shurie, James  
 Shaunessy, W.  
 Shearer, C. W.  
 Shepherd, H. C.  
 Shepherd, R. T.  
 Sherk, M. G.  
 Sherrin, G. A.  
 Sherrin, G. A.  
 Shildrick, E. H.  
 Shillington, R.  
 Shoff, E.  
 Short, W. H.  
 Siewright, A.  
 Simmons, J. D.  
 Simon, W. A.  
 Sine, C.  
 Skinner, R. W.  
 Slaven, R. R.  
 Smallwood, W.  
 Smeaton, G. E.  
 Smellie, J. H.  
 Smith, D. A.  
 Smith, E. R. L.  
 Smith, F. W.  
 Smith, M. L.  
 Smith, R. H.  
 Smith, S. S.  
 Smith, W. H.  
 Smuck, Charlt.  
 Smythe, R.  
 Smythe, W. T.  
 Sneath, C. R.  
 Snadden, J. H.  
 Snider, H.  
 Snider, R. O.  
 Snowball, J. M.  
 Somerville, R.  
 Soules, F. E.  
 Southcott, E.  
 Spackman, G.  
 Spaulsburly, J.  
 Spence, J. S.  
 Spencer, John  
 Spilsbury, —  
 Spingsted, J. A.  
 Spivey, T. A.  
 Strigley, J.  
 Stanbury, G.  
 Stearman, F.  
 Steele, F. J.  
 Steinhauser, J.  
 Stephen, R.  
 Stepler, W. F.  
 Stevenson, S.  
 Stewart, A. I.  
 Stewart, C. I.  
 Stewart, C. I.  
 Stewart, F. J.  
 Stewart, J. A.  
 Stewart, T. M.  
 Stewart, W. I.  
 Stickney, E.  
 Stinson, J. O.  
 Stinson, W.  
 Stitrett, A.  
 Stone, H. D.  
 Stone, W. S.  
 Storey, E. D.  
 Stork, J.

ATTENDED.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
Aut.	Spring.				Aut.	Spring.
1887	1888	Small, George A.	Toronto	Robt. Phillips	1893	1894
	1888	Shurie, James	Trenton	A. W. Hawley	1893	1894
	1884	Shaunessy, W.	Toronto	G. A. Bingham	1889	1890
	1884	Shearer, C. W.	Preston	E. J. Duck	1891	1892
1887	1888	Shepherd, H. C.	Stayner	W. B. Sanders	1891	1892
1891		Shepherd, R. T.	Stayner	W. B. Sanders	1892	1893
1884		Sherk, M. G.	Toronto	F. T. Burgess	1890	1891
1891	1892	Sherrin, G. A.	Bowmanville	J. Higginbotham & Co.		84-85
	1882	Sherrin, G. A.	Peterborough	G. A. Sherrin, Sr.		1887
	1887	Shildrick, E. H.	Hagersville	S. W. Howard	1891	1892
	1885	Shillington, R. E.	Ottawa	Dr. Shillington	1888	1889
	1889	Shoff, E.	Thorndale	McKechnie & Weeb	1887	
1888		Short, W. H.	Deseronto	W. G. Egan	1883	
1890		Sieveright, A. P.	Toronto	E. H. Bauld.	1888	1889
1882		Simmons, J. D.	Frankford	R. Templeton, Belleville	1892	1893
1892	1893	Simson, W. A.	Halifax, N. S.	Simson Bros.	1892	1893
1890	1891	Sine, C.	Stirling	R. Parker	1888	1889
1891	1894	Skinner, H. W.	Ottawa	J. Skinner & Co.	1891	1892
1889	1891	Slaven, R. R.	Orillia	J. W. Slaven	1888	1889
1884	1885	Smallwood, Wm	Ottawa	H. Watters	1891	
1891	1892	Smeaton, G. E.	Belleville	R. Templeton	1891	1892
1890	1891	Smellie, J. H.	Chesley	G. H. Golding	1890	1891
1892	1894	Smith, E. R. L.	Hamilton	McGregor & Parke	1890	
	1889	Smith, D. A.	Lakefield	T. J. Bird	1892	1893
		Smith, F. W.	Toronto	A. Jeffrey	1892	1893
		Smith, M. L.	Ripley	W. Colcleugh, Mt. Forest	1890	1885
		Smith, R. H.	Smith's Falls	J. S. McCallum	1890	1891
		Smith, S. S.	Portage la Prairie	J. Taylor	1891	1892
		Smith, W. H.	St. Catharines	H. Southcott	1891	1892
88-93	93-94	Smuck, Charles	Ayr	H. G. Eakins	1893	1894
1883		Smythe, R.	St. Catharines	J. R. Seymour	1887	1888
1883		Smythe, R. F.	Arnprior	J. T. Wait		1885
1891	1891	Sneath, C. R.	Barrie	G. Monkman	1882	
1886		Snedden, J. H.	Almonte	G. D. Patterson	1890	
	87-88	Snider, H.	Aurora	G. A. Mitchell	1888	1889
1883	1893	Snider, R. O.	Port Hope	G. A. Mitchell	1888	
1892	1886	Snowball, J. N.	St. George	J. H. Flemming	1882	1883
	1893	Somerville, R.	Lucknow	Dr. Tennant	1886	
	1883	Soules, F. E.	Newmarket	Dr. Bentley	1883	
		Southcott, H.	St. Catharines	A. Jukes & Co.		1886
		Spackman, G. W.	Thamesville	S. A. Tye	1884	
		Spaulsby, J. F.	Trenton	H. Meade	1884	
		Spence, J. S.	Norwood	Wm. Rutherford	1892	1893
1890	1891	Spencer, John M.	Owen Sound	Parkes & Co.	1892	1893
	1887	Spilsbury, —	Haliburton	Dr. E. A. Spilsbury	85-86	1886
	1883	Spingsted, J. R.	Hamilton	R. W. Taylor & Co.		
1889	1890	Spivey, T. A.	Toronto	G. F. Spivey, Howden, E.		1887
1891	1891	Sringley, J.	Toronto	D. L. Thompson	1891	1892
1892	1893	Stanbury, G. H.	Toronto	G. B. Smith & Co.	1892	1893
1887	1888	Stearman, F. C.	Chatsworth	J. W. Elliott	1886	1887
1883		Steele, F. J.	Toronto	G. A. Devlin, Parkdale		1885
1889	1890	Steinhauer, J. G.	Baden, Germany	L. Lahr	1883	
1885		Stephen, R. L.	Meaford	W. W. Stephen		1886
1892	1893	Stepler, W. H.	Sarnia	M. Springer, Strathroy		1886
1883		Stevenson, E. B.	Toronto	Inglis & Co.	1893	1894
	1886	Stewart, A. B.	Guelph	A. B. Petrie	1887	1888
1885	1884	Stewart, C. F.	Wallaceburg	C. S. Judson	1889	1890
1883	1887	Stewart, C. M.	Carleton Place	Dr. McEwen	1887	1888
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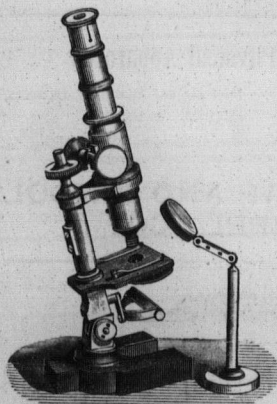
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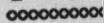
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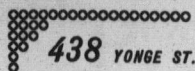
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