Dentistry Law Medicine Calendar

1988/89

DALHOUSIE UNIVERSITY

DALHOUSIE UNIVERSITY

Dentistry, Law, Medicine Calendar 1988/89

Founded in 1818
Halifax, Nova Scotia, Canada

Notices

All readers and prospective students are advised that the matters dealt with in this Calendar are subject to continuing review and revision. This Calendar is printed some months before the year for which it is intended to provide guidance.

Any reference to courses or classes contained herein is a statement of courses or classes that have been taught at Dalhousie University in the past. Dalhousie University assumes no obligation to continue to teach such courses or classes and prospective students are asked to consult with the respective Faculty to determine any changes to a course or class description contained herein.

Students are advised that the contents of this calendar are subject to change without notice, other than through the regular processes of Dalhousie University, and every student accepted for registration in the University shall be deemed to have agreed to any such deletion, revision or addition whether made before or after said acceptance. Additionally, students are advised that this calendar is not an all-inclusive set of rules and regulations but represents only a portion of the rules and regulations that will govern the student's relationship with the university. Other rules and regulations are contained in additional publications that are available to the student from the registrar's office, and/or the relevant faculty, department or school.

Dalhousie University does not accept any responsibility for loss or damage suffered or incurred by any student as a result of suspension or termination of services, courses or classes caused by reason of strikes, lockouts, riots, weather, damage to university property or for any other cause beyond the reasonable control of Dalhousie University.

The University reserves the right to limit enrollment in any program. Prospective students should note carefully the application deadlines indicated for the various programs. They should be aware that enrollment in most programs is limited and that students who are admitted to programs at Dalhousie are normally required to pay deposits on tuition fees to confirm their acceptance of offers of admission. These deposits may be either non-refundable or refundable in part, depending on the program in question. While the University will make every reasonable effort to offer classes as required within programs, prospective students should note that admission to a degree or other program does not guarantee admission to any given class, except those specified as required, within that program. Students should select optional classes early in order to ensure that classes are taken at the most appropriate time within their schedule. In some fields of study, admission to upper level classes may require more than minimal standing in prerequisite classes.

Inquiries regarding Academic Matters should be directed to:
The Registrar
Dalhousie University
Halifax, Nova Scotia
Canada
B3H 4H6
(902)424-2450

Table of Contents

Almanac 1988-89

Most Classes offered at Dalhousie have one of the letters "A," "B," "C" or "R" following the number. "A" classes are those given in the fall term or in the first three weeks of a summer session, "B" classes are those given in the winter term or the second three weeks of a summer session, and "R" and "C" classes are given throughout the regular year or a summer session ("R" classes carry one full credit or more, "C" classes less than one full credit).

May 1988

Friday, 6: Senate meeting to consider candidates for the award of degrees in Arts and Science, Management Studies, Health Professions and Graduate Studies.
End of year, Dentistry (fourth year).

Tuesday, 10 — Wednesday, 11: LMCC Examinations, Medicine.

Thursday, 12: University Convocations — Management Studies, Health Professions and Graduate Studies.

Friday, 13: University Convocations — Arts and Science and Graduate Studies.

Monday, 16: Senate meets to consider candidates for the award of degrees in Medicine and Law.

Friday, 20: University Convocations — Medicine, Law and Graduate Studies.
Senate meets to consider candidates for the award of degree in Dentistry and Diploma in Dental Hygiene.

Monday, 23: Victoria Day.
Examinations begin, Dentistry (first and second years).

Wednesday, 25: University Convocations — Dentistry, Dental Hygiene and Graduate Studies.
Examinations end, Medicine (first and second years).

Friday, 27: End of third term Dentistry (third year) and Dental Hygiene (first year).

June

Wednesday, 15: Internship year begins.

Thursday, 30: Last regular day for registration of postgraduate medical residents.

July

Friday, 1: Canada Day.
Resident Training begins, Medicine.
Postgraduate Medicine Residency programs commence.

Friday, 8: Supplemental and special examinations begin, Law.

Friday, 15: Last day to apply for supplemental examinations in Dentistry and Dental Hygiene.
Supplemental and special examinations end, Law.

August

Monday, 1: Halifax Natal Day and Dartmouth Natal Day — no classes.

Friday, 5 - Friday, 12: Supplemental and deferred examinations — Medicine (first and second years).

Friday, 5: Last day for those expecting PhD degrees in October to submit unbound theses to departments.

Monday, 8: Supplemental examinations begin in Dentistry and Dental Hygiene.

Monday, 29: Classes begin for Medicine (third year).

Tuesday, 30: Orientation week begins for Dentistry and Dental Hygiene.

Wednesday, 31: First year MBA orientation begins.

September

Monday, 5: Labour Day.

Tuesday, 6: Registration ends in Law and Library and Information Studies.
Registration ends and classes begin in Medicine (first and second year), School of Human Communication Disorders, MBA, Dentistry, Dental Hygiene and Outpost Nursing.

Wednesday, 7: Classes begin in Library and Information Studies and Law.

Friday, 9: Last day to register for the Fall session.

Monday, 12: Classes begin in Arts and Science, Health Professions, Graduate Studies (unless otherwise specified), and Management Studies.

Friday, 16: Last day for adding or dropping a Fall or full-year class, Law.
Last day for those expecting to receive graduate degrees in October to submit approved unbound copies of theses to Faculty of Graduate Studies Office.

Monday, 26: Last day for adding classes (except "B" classes), Arts and Science, Health Professions, Management Studies and Graduate Studies.

October

Monday, 3: Applications available, Medicine.

Monday, 10: Thanksgiving Day.

Saturday, 15: Fall Convocation.

Monday, 24: Last day for withdrawal from "A," "R" and "C" classes without academic penalty, Arts and Science, Management Studies, Health Professions and Graduate Studies.

November

Friday, 11: Remembrance Day, no classes.

Monday, 14: Last day for those expecting PhD degree by approval of Senate in February to submit unbound theses to departments.

Wednesday, 30: Last day to change status (PT to FT or FT to PT), graduate students.

December

Friday, 2: Classes end in Dentistry (first, second and third years) and Dental Hygiene.

Monday, 5: Examinations begin in Dentistry (first, second and third years) and Dental Hygiene.

Friday, 9: Last day of classes, Law (all years).

Saturday, 10: Examinations begin in Law (second and third years).

Monday, 12: Student holidays begin for Dentistry (fourth year).
Christmas finals begin for Medicine (first and second years).
Examinations begin in Arts and Science, Health Professions, Management Studies, and Graduate Studies.

Friday, 16: Christmas finals end, Medicine (first and second years).

Saturday, 17: Examinations end in Law (second and third years).

Monday, 19: Student holidays begin in Dentistry (first, second and third years) and Dental Hygiene.
Last day for those expecting Masters degrees by approval of Senate in February to submit unbound theses to departments.

Wednesday, 21: Student holidays begin. (Date not yet set for Medicine).

Sunday, 25: Christmas Day.

Monday, 26: Boxing Day.

January 1989

Sunday, 1: New Year's Day.

Tuesday, 3: Classes resume in all faculties.

Monday, 9: Last day for adding or changing Spring term classes, Law.
Last day for those expecting to receive graduate degrees by approval of Senate in February to submit approved unbound copies of theses to the Faculty of Graduate Studies Office.

February

Friday, 3: Munro Day, no classes (does not apply to Medicine fourth year).

Monday, 20: Study break begins (does not apply to Medicine fourth year).

Wednesday, 22: Last day for those expecting PhD degrees in May to submit unbound theses to departments.

Monday, 27: Classes resume.

March

Friday, 24: Good Friday.

Monday, 27: Last day for those expecting Masters degrees in May to submit unbound theses to departments.

April

Thursday, 6: Last day of classes Law (all years).

Saturday, 8: Last day of classes in Arts and Science, Health Professions, Management Studies and Graduate Studies.

Monday, 10: Examinations begin in Arts and Science, Health Professions, Graduate Studies and Management Studies.

Friday, 14: Last day for those expecting to receive graduate degrees in May to submit approved unbound copies of theses to Faculty of Graduate Studies Office.

Monday, 17: Examinations begin in Dentistry (third and fourth years) and Dental Hygiene.
Examinations begin, Law (second and third years)

Monday, 24: Third term for Dentistry (third and fourth years) and Dental Hygiene (first year) begins.

Saturday, 29: Examinations end, Law.

Final Dates for Receipt of Applications for Admission

Arts and Science

Students entering from Canada or US	August 1
Foreign Students (except USA)	May 1
Transfer Students	July 1
BEd Program	May 30

Health Professions

Recreation, Physical and Health Education & Kinesiology	July 15
BSc (Nursing)	March 1
BSc (Nursing) for Post RN[1] (Full-time)	June 1
(Part-time)	August 1
Outpost and Community Health Nursing[2]	April 15
Occupational Therapy	March 1
Physiotherapy	January 28
Pharmacy	March 1
Social Work	March 1

Management Studies

Students entering from Canada or US	August 1
Transfer Students	July 1
Non-American Foreign Students	May 1

Dentistry ..... December 1

Dental Hygiene ..... February 1

Medicine

MD	December 15
Post-Graduate	December 1

Law[3] ..... February 28

Graduate Studies[4] (except as below) ..... August 1

Non-Canadian Students (except as below)	May 30
Health Services Administration	May 15
Human Communication Disorders and Social Work	March 1
Marine Affairs	January 1
Nursing	May 30
Oral and Maxillofacial Surgery[5]	June 30

Winter Term

BA&BSc (part-time and transfer students)[6] and BCom programs only	November 15

Early registration and registration by mail is possible for more students, and is advised.

[1] Subject to change depending on numbers applying
[2] Application date for class entering in January is October 1
[3] Late applications may be considered
[4] All supporting documentation must be submitted by appropriate deadline
[5] Of year preceding commencement of program
[6] Part-time and transfer students only

1988

April

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

June

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1989

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

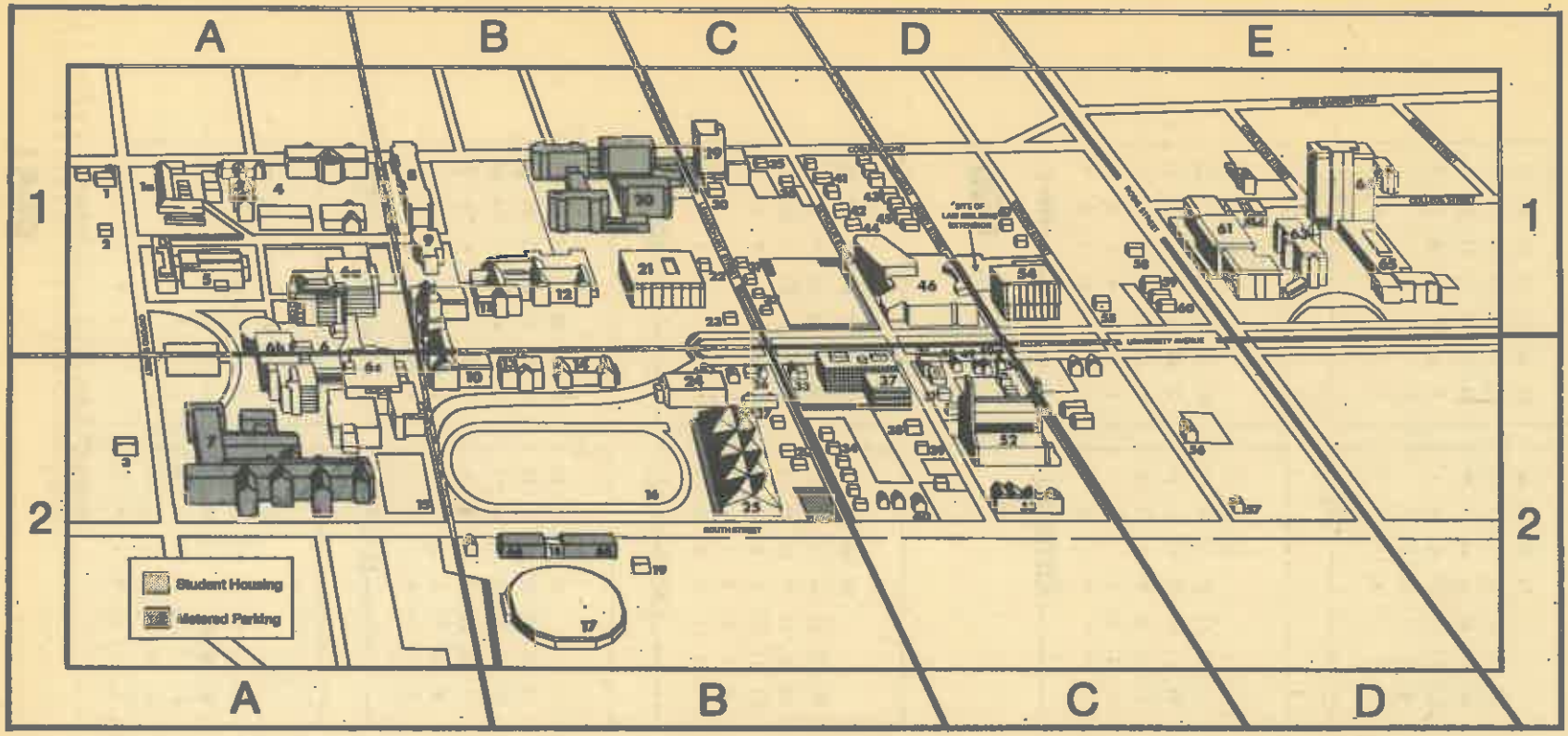
May

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

The Campus Map



Admissions — 10 (B1, B2)
Alumni Office — 18 (B2)
Arts and Administration Building — 10 (B1, B2)
Arts Centre — 46 (C1)
Biology — 6a (A1)
Bookstore — 37 (C2
Burbidge Building — 62 (E1)
Business Administration, School of — 29 (C1)
Central Services Building — 52 (C2)
Chase Building — 9 (B1)
Chemistry — 11, 12 (B1)
Classics — 27 (C2)
Comparative Religion — 8 (B1)
Computer Centre — 21 (B1)
Counselling and Psychological Services —37 (C2)
Dalplex — 17 (A1)
Day Care — 1a (A1)
Dentistry and Dental Hygiene — 61 (E1)
Development Office — 35 (C1)
Dunn Building — 8 (B1)
Economics — 26 (B2)
Education — 14 (B2)
Engineering — 8 (B1)
Eliza Ritchie Hall — 66 (B2)
English — 42, 43 (C1)
Forrest Building — 63 (E1)
French — 32 (C1)
Geology — 6b (A2)
German — 31 (C1)
Graduate House — 33 (C2)
Henson College — 47, 48 (C2)
History — 41(C1)
Housing Office — 37 (C2)
Howe Hall — 20 (B1)
International Student Centre — 67 (D1)
Killam Library — 21 (B1)
King's College — 4 (A1)
Law Building — 54 (D1)
Life Sciences Centre — 6a,b,c (A1, A2)
Macdonald Science Library — 11(B1)
Mathematics, Statistics, Computing Science — 9 (B1)
Medicine — 64 (E1)
Nursing, School of — 63 (E1)
Occupational Therapy, School of — 63 (E1)
Oceanography — 6b (A2)
Part-time Studies and Extension — 48 (C2)
Pharmacy, College of — 62 (E1)
Philosophy — 45 (C1)
Physics — 8 (B1)
Physiotherapy, School of — 63 (E1)
Political Science — 10 (B1, B2)
Psychology — 6c (A2)
Public Administration, School of — 34 (C2)
Public Relations — 21 (B1)
Registrar's Office — 10 (B1, B2)
Recreation, Physical and Health Education, School of — 19 (B2)
Resource and Environmental Studies — 60 (D2)
Rink — 25 (B2)
Russian — 22 (B1)
Security and Traffic — 40 (C2)
Shirreff Hall — 7 (A2)
Social Work — 1 (A1)
Sociology and Social Anthropology — 53 (C2)
Spanish — 22 (B1)
Student Union Building — 37 (C2)
Studley Gymnasium — 24 (B2)
Theatre — 46 (C1)
Transition Year Program — 30 (C1)
Tupper Building — 64 (E1)

For specific locations of offices and departments, consult the university switchboard, 424-2211, or the Halifax-Dartmouth telephone directory, or the Dalhousie telephone directory.

February 1988

Dalhousie University

Dalhousie University is a non-denominational co-educational university. Founded in 1818, the University is a member of the Association of Universities and Colleges of Canada, the Atlantic Association of Universities, and the Association of Commonwealth Universities.

Dalhousie's enrolment stands at over 10,000 students. To accommodate them, in a wide variety of undergraduate, professional, and graduate programs , Dalhousie occupies more than 60 acres in a residential area of Halifax. University facilities include buildings for teaching and research, libraries, residential housing for students, a Student Union Building, an Arts Centre for music, theatre, and an art gallery and facilities for physical recreation. The Nova Scotia Archives building, the Atlantic Regional Laboratory of the National Research Council, major provincial hospitals, and the Dr. D.J. MacKenzie Laboratories are located close to the University. Dalhousie benefits from a variety of arrangements for teaching and research collaboration with hospitals and federal and provincial research laboratories.

The University of King's College, situated adjacent to Dalhousie campus, is an affiliated institution, and its students in Arts and Science receive Dalhousie degrees in the name of both institutions. By agreement with Mount Saint Vincent University students have access to various courses and services, and by agreement with the Technical University of Nova Scotia there are co-operative arrangements for engineering, engineering-physics, and computer science studies. By arrangement with the Nova Scotia Teachers College, graduates of that institution may complete education degree requirements at Dalhousie. Co-operation in a number of academic programs, in administrative services, and in use of library resources is provided for in working arrangements with Saint Mary's University and other institutions in Halifax.

Degrees in agriculture, awarded to students of the Nova Scotia Agricultural College, are awarded by Dalhousie in cooperation with the College.

Under the University's statutes, the Board of Governors is responsible for the operation of the University. The Board consists of representatives named by the Government of Nova Scotia, the alumni, the Student Union and certain other bodies. Internal regulation of the University is the primary concern of the Senate, subject to approval of the Board of Governors. The Senate consists of the President, Vice-Presidents, Deans of faculties and academic department heads, Registrar, full professors, other members of the academic staff elected from and by each faculty, six students elected by students, and certain other persons.

The President and Vice-Chancellor is the Chief Executive Officer of the University, responsible to the Board of Governors and Senate for supervision of the University's administrative and academic work.

Subject to the general approval of the Senate, seven faculties are responsible for supervision of programs of study, of teaching and research, and for the recommendation of candidates for degrees, diplomas, and university prizes.

Faculties

Faculty of Arts and Science (the humanities, the physical, life and social sciences, some performing arts, education, introductory years in engineering);

Faculty of Health Professions (nursing, occupational therapy, pharmacy, recreation, physical and health education, physiotherapy, human communication disorders, social work and health services administration);

Faculty of Management Studies (commerce and business administration, public administration, library and information studies);

Faculty of Medicine (basic medical sciences, medicine, medical internship and clinical specializations, continuing medical education);

Faculty of Law (law);

Faculty of Dentistry (dentistry, dental hygiene, and continuing dental education);

Faculty of Graduate Studies (advanced study in the humanities, the physical, life, social, and medical sciences, and a number of professions).

Henson College of Public Affairs and Continuing Education is responsible for coordinating continuing education programs both for degree credit and part-time studies, including the Summer School, and for community education activities.

Schools and Colleges

Business Administration
Dental Hygiene
Health Services Administration
Human Communication Disorders
Library and Information Studies
Maritime School of Social Work
Nursing
Occupational Therapy
Pharmacy
Physiotherapy
Public Administration
Recreation, Physical and Health Education
Resource and Environmental Studies

Institutes and Centres

Atlantic Institute of Biotechnology
Applied Microelectronics Institute
Atlantic Institute of Criminology
Atlantic Region Magnetic Resonance Centre
Atlantic Research Centre for Mental Retardation
Centre for African Studies
Centre for Foreign Policy Studies
Centre for International Business Studies
Centre for Marine Geology
International Institute for Transportation and Ocean Policy Studies
Lester B. Pearson Institute for International Development
Trace Analysis Research Centre

Academic Programs and Information Sources

In 1988-89 Dalhousie will offer the following academic programs. The normal years of full-time study are shown. Information about each may be found in the relevant University calendar.

Faculty of Arts and Science

Bachelor of Arts (Major 3 years, Honours 4 years)*
Bachelor of Science (Major 3 years, Honours 4 years)*
Diploma in Engineering (2 years)
Bachelor of Education (Sequential) (1 year post BA, BSc)
Bachelor of Education (Integrated) (4 years for BA or BSc with BEd, 5 years for BPE with BEd)
Bachelor of Music (4 years)
Bachelor of Music Education (4 years)
Certificate in Costume Studies (2 years)
Diploma in Costume Studies (3 years)
Diploma in Meterology (1 year)
Certificate in Educational Administration (minimum 1 year)
*Twenty credit Major Bachelor of Arts and Bachelor of Science programs are also available in some disciplines.

Faculty of Management Studies

Bachelor of Commerce (Major and Honours 4 years)
Certificate in Public Administration (1 year)

Faculty of Health Professions

Bachelor of Physical Education (4 years)
Bachelor of Recreation (4 years)
Bachelor of Science (Health Education) (4 years)
Bachelor of Science (Kinesiology) (4 years)

Bachelor of Science (Nursing) (4 years)
Bachelor of Nursing (with previous RN) (3 years)
Bachelor of Science in Pharmacy (4 years)
Residency Program Pharmacy (1 year) (post BSc Pharm)
Bachelor of Science (Physiotherapy) (3 years Physiotherapy following one year of Arts and Science or minimum 2 years post Diploma program)
Bachelor of Science (Occupational Therapy) (3 years Occupational Therapy following one year of Arts and Science)
Bachelor of Social Work (3 years Social Work study following one year general study, a wide choice permitted)

Faculty of Dentistry

Doctor of Dental Surgery (4 years)
Postgraduate Certificate in Periodontics (2 years)
Diploma in Dental Hygiene (2 years)

Faculty of Law

Bachelor of Laws (3 years)
Bachelor of Laws with Master of Business Administration (4 years)

Faculty of Medicine

Doctor of Medicine (4 years)
Intern Year (1 year)
Residencies (various programs ranging from 2-6 years post-intern)

Faculty of Graduate Studies

Master of Arts (1 or 2 years, with thesis) in Classics, Computing Science, Economics, Education, English, French, German, Health Education, History, Leisure Studies, Mathematics, Philosophy, Political Science, Psychology, and Sociology
Master of Science (1 or 2 years with thesis) in Anatomy, Biochemistry, Biology, Chemistry, Computing Science, Geology, Health Education, Human Communication Disorders, (Audiology or Speech Pathology), Kinesiology, Mathematics, Microbiology, Oceanography, Oral Surgery (4 years), Pathology, Pharmacology, Pharmacy, Physics, Physiology and Biophysics, Psychology
Doctor of Philosophy (2 or 3 years, with thesis) in Anatomy, Biochemistry, Biology, Chemistry, Classics, Economics, Education, English, French, Geology, History, Interdisciplinary Studies, Mathematics, Microbiology, Oceanography, Pharmacology, Pharmacy, Philosophy, Physics, Physiology and Biophysics, Political Science, Psychology
Doctor in the Science of Law (2 or 3 years, with thesis)
Master of Arts in Teaching (French) (2 years)
Master of Business Administration (2 years)
Master of Business Administration with Bachelor of Laws (4 years)
Master of Education (1 year)
Master of Environmental Studies (1 or 2 years)
Master of Health Services Administration (2 years)
Master of Laws (1 year)
Master of Library and Information Studies (2 years)
Master of Public Administration (2 years)
Master of Development Economics (2 years)
Master of Nursing (2 years)
Master of Social Work (1 or 2 years)
Diploma in Aquaculture (1 year)
Diploma in Marine Affairs (1 year)
Diploma in Public Administration (1 year)

Honorary Degrees

The degree of Doctor of Laws may be conferred *honoris causa tantum* upon approval of the Senate in recognition of significant contributions to society.

Special Institutes

A number of special institutes for study and research in specific fields are based at the University. Among these are:

The Atlantic Institute of Criminology

Director: R. C. Kail, BA, MDiv, MA, PhD

The Atlantic Institute of Criminology has been established to provide a criminological research and career-development facility in the Atlantic Region, equivalent to those existing in other regions of the country. Scholarships for graduate students in Criminology are available.

Policy for the Atlantic Institute of Criminology is the responsibility of an Advisory Board comprising twelve representatives from the academic and professional community of the region.

Associate memberships are available to interested and qualified persons. Workshops and training courses provide opportunities for professional development for employees of the Criminal Justice system in the Atlantic Region.

The Atlantic Research Centre for Mental Retardation

Director: M.W. Spence, MD, PhD

Established in 1967, the Centre conducts basic biomedical research and population studies in the fields of mental retardation and human genetics. It also provides education in these fields to undergraduate and graduate students and the general public. Special tests and consultative services for the prevention and treatment of diseases causing mental retardation are provided by the Centre. The Centre's professional staff hold appointments in various departments of the Faculty of Medicine. Its work is supported by grants from agencies such as the Medical Research Council of Canada, the Department of National Health and Welfare, the Dalhousie Medical Research Foundation, the governments of the three Maritime provinces, and by private donations.

The Atlantic Region Magnetic Resonance Centre

Director: J.C.T. Kwak, BSc, MSc,PhD.

Manager: D.L. Hooper, BSc, PhD

Established in 1982 with assistance from the Natural Sciences and Engineering Research Council, the Centre is concerned with teaching and research programs in magnetic resonance. The Centre has modern nuclear magnetic resonance (NMR) and electron spin resonance (ESR) instruments including a 360 MHz Narrow Bore Nicolet NMR instrument and a Bruker MSL 200 NMR for solid state studies.

In addition to providing well-equipped laboratories and instrumentation for resident and visiting faculty, research scientists and students, the Centre provides NMR spectra and expertise to scientists of eleven universities and research institutes in the Atlantic Region.

The Centre for Foreign Policy Studies

Director: D. W. Middlemiss, BA, MA, PhD

Established in 1971 with the assistance of a grant from the Donner Canadian Foundation, the Centre is concerned with teaching, research and other professional activities in various aspects of foreign policy and international politics. The work of the Centre is concentrated in the following areas: Canadian Foreign Policy, Maritime and Strategic Studies, and International Political Economy and Developmental Studies. Geographical specializations include Canadian, African, Soviet, European, and American foreign policy.

The Centre is affiliated with the Department of Political Science at Dalhousie University. Centre faculty offer courses in the Department on international relations, foreign and defence policy at both undergraduate and graduate levels. They also supervise masters and doctoral students in these fields.

The Trace Analysis Research Centre

Director: L. Ramaley, BA, MA, PhD

With the assistance of a grant from the National Research Council, the Centre was established in 1971 to train analytical chemists and, through research, to contribute to the advancement of analytical chemistry. A major facility of the Centre is a low-power nuclear reactor (SLOWPOKE) which is available to researchers within Dalhousie and elsewhere.

The Centre for African Studies

Director: T.M. Shaw, BA, MA, PhD

This Centre, established in 1975, coordinates instruction, publication, research and development education programmes in African Studies. Associated faculty hold appointments in departments and units concentrated in the social sciences and humanities. The Centre organises academic and informal seminars and public policy conferences on Africa and encourages interdisciplinary interaction at all levels on African subjects and issues. It offers its own interdisciplinary BA degree and cooperates with the International Development Studies programme and with the Pearson Institute and International Students Centre.

The Centre for International Business Studies

Director: P.J. Rosson, DipMS, MA, PhD.

The Centre was established in 1975 with the aid of a grant from the Department of Industry, Trade and Commerce. Its purposes include the provision of specialist training in international business studies and research in international business. It carries out these functions within the administrative framework of the School of Business Administration.

Lester Pearson Institute for International Development

Interim Director: B.D. Lesser, BA, MA, PhD

The Pearson Institute was founded in 1985 to promote Dalhousie's involvement in international development activities. In mid-1987, the Institute was merged with the Centre for Development Projects and, at the same time, was given responsibility for oversight of all externally financed development programs and projects at Dalhousie. In addition to its administrative functions in the university, the major activities of the Institute include development education activities for the community, a lecture and seminar series, conferences, research, and input to public policy on Canada's role in international development. The Institute does not participate directly in academic degree programs but does seek to advance such programs in the field of international development and hosts the Lester B. Pearson University Chair in Development Studies. The Institute may directly undertake non-degree training activities and operate and manage international development projects.

The Atlantic Institute of Biotechnology

Director: R. Bidwell, BSc, BA, MA, PhD

The Atlantic Institute of Biotechnology was established in 1985 with funding from the Department of Regional Industrial Expansion. Its purpose is to assist industry in Atlantic Canada to improve biologically-based processes, and to develop new manufacturing and industrial techniques.

The Institute's main areas of specialization are agricultural and forest technology, fermentation, aquaculture and microbial mining technology. In addition, work is undertaken for any industry on biological systems, including food production and processing, chemical production, biomass conversion, plant and animal nutritional systems and bio-pollution related problems.

Centre for Marine Geology

Director: M. Salisbury, BSc, PhD

The Centre for Marine Geology was founded in 1983 to promote the interdisciplinary study of the continental margins and the sea floor. The Centre draws on the faculty and resources of the Departments of Geology, Oceanography and Physics and others. The objectives of the Centre are: (1) to expand the university's leading role in international studies of the oceanic crust, (2) to participate with industry and government in the geological aspects of oil and gas development on Canada's east coast and (3) to continue research on sedimentation and the recent history of the Canadian offshore.

International Institute for Transportation and Ocean Policy Studies

Executive Director: John Gratwick, BSc, FCIT

Associate Director: Edgar Gold, BA, LLB, PhD, ACIArb, MCIT, FNI, MRIN

IITOPS is a federally incorporated, not for profit organization resulting from the amalgamation of the Dalhousie Ocean Studies Programme (DOSP) and the Canadian Marine Transportation Centre (CMTC) in 1986. IITOPS was established to maintain the momentum generated by DOSP and CMTC, which together helped establish Dalhousie as a recognized Canadian centre of excellence in the areas of marine transportation, marine and environmental law, ocean law policy and management studies.

Although IITOPS is an independent organization, it maintains a close affiliation with Dalhousie University and has links with several schools and institutes within the University. These include the Law School's Marine and Environmental Law Programme, the School of Business Administration, and the School for Resource and Environmental Studies.

IITOPS activities encompass four areas: research; professional development and training; information and publications (including the newsletter *New Directions*); and workshops and conferences. These activities are supported by the University as well as external grants, contracts and subscribers.

General Information

Libraries

The Dalhousie University Library System is organized to accommodate the needs of the undergraduate teaching programs, graduate and faculty research projects, and professional schools. The system is made up of the following components: the University Library (Killam Library — Humanities, Social Science, and Mathematics; Macdonald Library — Sciences), the Sir James Dunn Law Library (temporarily located in the Killam Library), and the Kellogg Health Sciences Library.

As of April 1, 1987, the total Dalhousie University Library System holdings include over 1,264,000 volumes of books, bound periodicals, documents, and bound reports, 240,500 microfiche and microcards, and 64,900 data cards, maps, musical scores, and other media. Approximately 12,000 serials titles are currently received, and dead title holdings number over 6,000.

The University Library alone has a collection of over 659,000 volumes of books and bound serials, as well as a periodical collection of more than 5,900 current subscriptions, and a government documents collection of over 323,000 items. In addition to the traditional printed materials, the library is developing its resources in forms such as records and microforms.

University Computing and Information Services

University Computing and Information Services (UCIS) is responsible for all centrally managed computing and communications facilities and services. These are available to faculty, staff and students for instructional, research and administrative purposes.

UCIS has four divisions. "Facilities and Operations," located in the basement of the Killam Library building, is responsible for operating and managing the central mainframe and minicomputers. "Communications Services," also located in the basement of the Killam, is responsible for voice (telephone) and data communications and related hardware services. "Academic Computing Services" provides consulting, education and documentation services for users of central and some departmental computers. It is responsible for support and maintenance of applications software for academic users. It also manages a Personal Computer Centre where micro computer users may obtain advice and assistance. Academic Computing Services is located in the basement of the Killam Library building. "Administrative Computing Services" is responsible for the selection, installation, development and maintenance of administrative computing systems, for providing advice and education to users of administrative systems, and for office systems support. Administrative Computing Services and the Office of the Executive Director of UCIS are located in Rooms 21A to 21K in the Arts & Administration Building.

UCIS manages a Digital VAX 8800 mainframe computer which is used primarily for academic purposes, an IBM 4381 computer for administrative systems, several Digital VAX minicomputers for Computing Science and the School of Business, and microcomputer laboratories in the Computer Centre (basement of the Killam), Engineering, English and in the Dentistry building. A wide range of computer languages and applications software is available and supported by UCIS on these systems. Access to on and off-campus computing facilities is provided by means of a campus data communications network of data switches and ethernet connections. Dalhousie is attached to the Canadian Universities network NetNorth.

Microcomputer Information Centre

The Microcomputer Information Centre no longer exists. At Dalhousie, its services have been, at least partially, absorbed by Purchasing (price info) and the Personal Computer Information Centre (demonstration machines & software).

Student Services

Located in Room 124 of the Arts and Administration Building, this office provides a point of referral for any student concerns. The Dean co-ordinates the administration of Chaplaincy, Counselling and Psychological Services, University Health, the *Writing Workshop*, the Ombud Office, the International Student Centre, and is the International Student Adviser. Through the Council of Student Life, the Dean acts as liaison with the Deans of Residences and the Student Union. Active participation exists among the various divisions and the officials of Housing, Recreation, and the Federal Employment Office located on campus.

The Dean can assist students with any University related concern and can offer direction in class or program selection to ensure compliance with the degree requirements of Dalhousie University. A special program has been developed for students requiring academic assistance. All divisions of Student Services co-operate in the program together with a number of departmental faculty advisers. Students who may experience difficulties are encouraged to consult with the Dean who reviews their situation and advises them of the various services available.

Many students, particularly those in their first year, experience difficulty in organizing and presenting written work. In an attempt to respond to this problem, the University provides a *Writing Workshop*. Attendance is on a voluntary basis. For further information call 424-3379.

Non-Canadian students should look to this office for assistance in matters related to immigration status, medical insurance or any matter of special concern to visa students. An International Students Centre, located at 1394 Edward Street, serves as a meeting place for all International Students.

Information about CUSO, WUSC and CBIE can be had through the Office of the Dean.

Student Counselling Service

The Counselling and Psychological Services Centre offers programs for personal, career and educational concerns. Counselling is provided by professionally trained, male and female, Counsellors and Psychologists. Strict confidentiality is ensured. Counselling is available both individually and on a group basis. Topics covered by regularly offered group programs include Study Skills, Career Decision Making, Exam Anxiety Reduction, Public Speaking Anxiety Reduction, Assertiveness Training and Shyness Clinic, Resume Writing and Job Search Skills. Information on a wide variety of careers and academic programs is available in the Career Information Centre. Students wishing to get a first hand view of careers they are considering entering, may contact alumni willing to discuss their career experiences through the Centre's Mentors and Models program.

The Counselling and Psychological Services offices and the Frank G. Lawson Career Information Centre are located on the 4th Floor of the Student Union Building. Inquire or make appointments by dropping in or calling 424-2081.

Advisory Committee on Sexual Harassment

Dalhousie University is committed to an environment free of sexual harassment. A policy and procedures exist to deal with complaints of sexual harassment at Dalhousie. If a student feels she or he may be involved in a situation of sexual harassment, or if a student is concerned about such a situation, the Sexual Harassment Advisory Committee can be consulted, confidentially, through the Sexual Harassment phone line, 422-0884. The Student Counselling service can also provide advice.

Chaplaincy at Dalhousie

The University provides facilities for chaplains appointed by various churches. There are four full-time chaplains at Dalhousie, representing the Anglican, Roman Catholic, Lutheran, and United Church traditions. In addition, contact ministers are designated by the Baptist, Jewish, and Presbyterian traditions and can be reached through the Chaplains' Office on campus. The Chaplains' Office is located on the third floor of the Student Union Building. Office hours are Monday to Friday 9-5. Appointments can be made for other convenient times. The chaplains are available at any time for emergencies. Outside office hours, chaplains may be reached by calling 429-1834, or via the SUB Enquiry Desk 424-2140.

University Health Service

The university operates an out-patient service, in Howe Hall, at Coburg Road and LeMarchant Street staffed by general practitioners and a

psychiatrist. Further specialists' services are available in local hospitals and will be arranged through the Health Service when indicated. All information gained about a student by the Health Service is confidential and may not be released to anyone without signed permission by the student.

In the event of emergency, students should telephone the University Health Service at 424-2171 or appear at the clinic in person. The university maintains health services on a 24-hour basis with a physician on call. The offices are closed from 10 p.m. to 8:30 a.m.

All students must have medical and hospital coverage approved by the Health Service. All Nova Scotia students are covered by the Nova Scotia Medical Services Insurance. All other Canadian students must *maintain* coverage from their home provinces. This is especially important for residents of any province requiring payment of premiums. All non-Canadian students must be covered by medical and hospital insurance prior to registration. Details of suitable insurance may be obtained from the University Health Service prior to registration. Any student who has had a serious illness within the last 12 months, or who has any chronic medical condition, should contact and advise the Health Service, preferably with a statement from his doctor.

The cost of any medication prescribed by a physician is recoverable under a prepaid drug plan administered by the Student Union.

Housing/Residence Services

For the 55 per cent of Dalhousie University Students whose homes are outside the Halifax Metropolitan area, where to live while attending university is a major question. The supply of University owned housing does not meet the demand and the vacancy rate in the various private, commercial units is very low. It is therefore very important that students planning to attend Dalhousie think well in advance about their accomodation needs. It is fair to say two things about housing for Dalhousie students: first, early application for University residence is essential and second, students seeking off-campus housing should also begin to investigate that process well in advance of the beginning of term.

The traditional style residences at Dalhousie are chiefly for undergraduate students; very few graduate spaces are allocated and in many cases students pursuing advanced degrees are not prepared to live with the exuberance of first and second year students.

The information below gives a description of A. traditional on-campus residences, B. off-campus housing owned by the university and C. the services offered by the off-campus housing office listing service. In each case the name of the person responsible is listed and telephone number provided.

Please Note: Academic acceptance by the University, i.e., admission to a course of study, DOES NOT IN ANY WAY GUARANTEE admission to University Housing or provision of off-campus accommodation.

It is the responsibility of the individual student in all cases to make separate application for the university housing of her/his choice, or to avail him/herself of the listing services provided by the Off-Campus Housing Office.

Early application for university residences and housing is strongly recommended. Applications will be received commencing January 1. Students are encouraged to complete their applications before March 1.

A. Traditional Style On Campus Residence

Howe Hall — Men (located on corner of Coburg Rd. at LeMarchant St.)

Residence life offers a major opportunity to meet many students of diverse backgrounds, beliefs, opinions and cultures. The challenge of group living can be both rewarding and educational.

In order to encourage closer bonds within a fraternal atmosphere, Howe Hall Men's Residence is divided into five houses: Henderson, Studley, Smith, Bronson and Cameron. Each house has its own identity and yearly elects a President who sits on the Howe Hall Residence Council.

Howe Hall provides fully furnished accommodation for 525 male students in single and double rooms. The double rooms constitute 50 per cent of the accommodation and are normally filled by first year students. The majority of other rooms are assigned to undergraduates and for this reason graduate students may wish to seek accommodation elsewhere. Central dining is provided in two dining rooms. Television lounges, a games room, squash courts, weight room and laundry facilities are readily available. A comprehensive intramural sports program is administered by the Residence Council.

Applications should be submitted early since accommodation is limited.

Direct inquiries to: Patrick J. Donahoe, Dean of Men, Howe Hall, Dalhousie University, Halifax, Nova Scotia B3H 4J5. Phone (902) 424-2107.

Shirreff Hall — Women (located at the corner of South and Oxford Streets)

The residence provides opportunities for students to become a part of a community and to participate in a variety of educational, cultural and recreational experiences. Residential living is an integral part of a student's development, where leadership, responsibility and other pertinent life skills are enhanced. To achieve this, senior students (Residence Assistants, Floor Presidents and Vice-Presidents) are trained to work with the residents in their areas to create a communal environment that contributes to their intellectual, social and personal growth.

There are 3 sections in Shirreff Hall — Old Eddy, New Eddy and Newcombe — which accomodate 445 students in single and double rooms. One-half of the residence is reserved for first-year students and the other half for more senior students in undergraduate programs. First-year students are normally assigned to double rooms. In the centre of the building is the dining room, providing full meal services. The building also contains a library, a games room, television lounges, study hall, exercise room, kitchenettes and laundry rooms. Student rooms are furnished as study bedrooms.

A varied and active social and sports program is co-ordinated under the auspices of the self-governing Residence Council.

Early application for all accommodation is advisable. Inquiries should be directed to: Mrs. Pamela Stonehouse, Dean of Women, Shirreff Hall, Dalhousie University, Halifax, Nova Scotia B3H 4J4. Phone (902) 424-2577.

B. Off Campus, University Owned Housing

Co-Ed Residence — Fenwick Place (5599 Fenwick Street, a 15 minute walk from campus-also on City Transit Route).

Fenwick Place is Dalhousie University's 33 storey high-rise apartment residence. Several one and two bedroom apartments, as well as the two bachelor apartments per floor, are rented to married and single students respectively as conventional apartments. These apartments have a full kitchen with refrigerator, stove and ample cupboard space, a full bathroom and balcony. There is also a storage room in every apartment. Except for the stove and refrigerator the above apartments are unfurnished. Heat and hot water are included in the rent but tenants must make their own arrangements for electricity and telephone. Drapery tracks, draperies and carpets are not provided.

The remaining apartments in Fenwick Place are furnished to accommodate students in groups of two, three or four. Priority will be given to those who apply in complete groups of two, three or four. A four person apartment consists of four single bedrooms. A three person apartment consists of one single bedroom and one double (shared) bedroom. A two person apartment consists of two single bedrooms. All apartments have full kitchen with refrigerator and stove, a full bathroom, furnished living room and dining room and a balcony. All beds are single, bunk-style with a folding backboard that allows the bed to be used as a settee. Dresser drawers (built in under the bed), a desk with a bookcase and ample closet space are provided. Please note that meals, maid or room service are not provided. Dishes, cooking utensils, cleaning equipment and small appliances must all be provided by the students. Students must make their own arrangements for telephone; however electricity is included in the residence fees.

All inquiries and applications should be directed to: Mrs. Janice Irving, Manager, Fenwick Place, 5599 Fenwick Street, Halifax, Nova Scotia B3H 1R2. Phone (902) 424-2075.

The Women's Residence Houses (within walking distance of campus)

The women's residence houses are former single family dwellings each with their own kitchen and living room/lounge and full baths. All single and double rooms are furnished as study-bedrooms. Students must supply their own cooking utensils, small appliances, china and cutlery for use in the student kitchens. Each student is responsible for cleaning her room. Common rooms and facilities are cleaned by staff. These houses are reserved for students in the professional schools and graduate studies, but a few of the 100 spaces are available for undergraduate students. Each house has a House Co-ordinator, a trained senior student who liaises with

the office of the Dean in order to provide administrative and student-related services.

Early application for all accommodation is advisable. Inquiries should be directed to: Mrs. Pamela Stonehouse, Dean of Women, Shirreff Hall, Dalhousie University, Halifax, Nova Scotia B3H 4J4

Glengary Apartments — Women (situated on Edward Street, 5 minutes walk from main campus)

Glengary Apartments is a furnished building with accommodation for 52 students in 12-4 person apartments and 4 bachelor apartments. It is situated within walking distance of the campus. Preference for the four person apartments will be given to students in their third or second year of an undergraduate program, who apply in groups of four. These apartments contain 2 single rooms, 1 double room, kitchen, living room and bathroom. The Glengary Co-ordinators are available for security and administrative services, as well as a resource to residents in need of extra assistance.

Early application for all accommodation is advisable. Inquiries should be directed to: Mrs. Pamela Stonehouse, Dean of Women, Shirreff Hall, Dalhousie University, Halifax, Nova Scotia B3H 4J4.

Eliza Ritchie Hall — Women (located at 6250 South Street, in front of the Dalplex, and a two-minute walk to Shirreff Hall)

Eliza Ritchie Hall is the most recent addition to the women's residence complex. It accommodates 84 students in fully-furnished single and double rooms. One-half of the residence is reserved for first-year students, and the other half for more senior students in undergraduate programs. The building contains a multi-purpose room, study rooms, laundry facilities, and leisure lounges with kitchenettes attached for light snack preparation. Meal services are provided in the Shirreff Hall dining room.

Residence life is fostered by an independent Residence Council and trained Residence Assistants who work cooperatively in providing programs that enhance student development and facilitate communal living.

Inquiries should be directed to: Mrs. Pamela Stonehouse, Dean of Women, Shirreff Hall, Dalhousie University, Halifax, Nova Scotia, B3H 4J4.

International Student Housing (5 minutes walk from main campus) (Available only to students arriving in Canada for their first year at Dalhousie).

Dalhousie University provides off-campus housing in three rooming houses. The rooming houses consist mainly of single rooms, with some cooking facilities, but shared bath. The rooms are furnished with a bed, desk, drapes and chairs. Most of the single rooms have a common bath and kitchen area. Paper towels, toilet tissue, garbage bags and light bulbs are supplied, COOKING UTENSILS ARE NOT. Heat, hot water, and electricity are supplied, but tenants must make their own arrangements for telephone. MEALS, MAID OR ROOM SERVICE ARE NOT PROVIDED.

Inquiries should be directed to: Mrs. Janice Irving, Manager, Fenwick Place, 5599 Fenwick Street, Halifax, Nova Scotia B3H 1R2.

Apartment Units — Co-Ed (5 minutes walk from main campus)

Dalhousie University offers off campus housing in two apartment buildings on University Avenue consisting of bachelor, one and two bedroom units.

The apartments have a fridge and stove, ample cupboard space, and a full bathroom. The apartments are unfurnished except for the stove and fridge. Heat and hot water are included in the rent but tenants must make their own arrangements for electricity and telephone. Drapery tracks, drapes and carpets are not provided.

Inquiries should be directed to: Mrs. Janice Irving, Manager, Fenwick Place, 5599 Fenwick Street, Halifax, Nova Scotia B3H 1R2.

General Information

All application forms must be accompanied by an application fee and deposit in Canadian funds. No applications will be processed until the fee and deposit are received. Amounts will be stated on the application forms.

Students living in residence MUST maintain FULL TIME status at Dalhousie University.

C. Off Campus Listing Service

The Off-Campus Housing Office acts as a listing service for privately-owned, local accommodation. Landlords who have various types of housing for rent (apartments, rooms, houses, etc.) call the office and provide details of available units. This information is categorized and posted on bulletin boards outside the office. This allows students to "shop" for accommodation that best suits their needs. The Off-Campus Housing Office does not arrange, inspect or guarantee housing. This is up to the prospective tenant.

Telephones are available at the office for use in calling landlords. City maps, bus schedules, utility information, landlord/tenant regulations and a variety of other housing-related material are all available from the Off-Campus Housing Office. The staff will do their best to answer any questions about housing in the Halifax area.

Inquiries should be directed to: Mrs. Sheila Fougere, Manager, Off-Campus Housing, Room 120, Dalhousie Student Union Building, Halifax, Nova Scotia B3H 4J2, (902) 424-3831.

Dalhousie Student Union

President, Student Union: Caroline Zayid
Vice-President: Ian MacCarthy
Treasurer: Shane Ferlancek
General Manager, Student Union: A.P. Beckett, BCom, CA

Every Dalhousie student is automatically a member of the Dalhousie Student Union. The Student Union is recognized by an agreement with the University Administration and by an Act of the Nova Scotia legislature as the single voice of Dalhousie students. All student activities on campus are organized through the Student Union, and the Student Union is the focus of all student representation. The business of the Student Union is conducted by a Council made up of 40 members. Every student is represented by one or more representatives of their faculty, elected within their faculty in the spring. As well, students who live in residence and international students also elect their own representatives because they are uniquely affected by certain university policies. Also on the Council are the student representatives elected to the Senate and Board of Governors.

One of the most important resources of the Student Union is the Student Union Building located on University Avenue between Seymour and LeMarchant Streets. The SUB, which is exclusively operated by the Student Union and is paid for through Student Union fees, was opened in 1968 as a centre for student activity on campus. Every student has the opportunity to take advantage of the Union's financial, physical and organizational resources. To use that opportunity you should know who represents you on Council and who are the members of the Executive. The Student Council office is located on the second floor of the SUB and is open from 8:30 a.m. to 5:00 p.m. Monday through Friday. Council members have mail boxes located in that office. Union Executive officers also have offices in the SUB.

Student Clubs and Organizations

Extracurricular activities and organizations at Dalhousie are as varied as the students who take part in them.

Organizations range from small informal groups to large well organized ones; they can be residence-based, within faculties, or university-wide.

Some are decades old with long traditions, others arise and disappear as students' interests change.

The Student Handbook publishes a list of clubs, societies and organizations, and every fall new students are encouraged to select and participate.

Dalhousie Arts Centre

The region's major performing arts theatre and the highly regarded Dalhousie Art Gallery, housed in the Dalhousie Arts Centre, are active places indeed.

The 1,041 seat Rebecca Cohn Auditorium presents a wide variety of programs ranging from ballet to rock, classical music to children's performances.

The Dalhousie Art Gallery offers the public access to national and international touring exhibitions and initiates many ambitious and exciting exhibition programs.

Athletics

Athletics and Recreational Services offers a wide range of programs for every Dalhousie student. More than sixty clubs and intramural programs

offer fun, fitness and companionship while 13 varsity sports provide excitement for players and spectators alike. For those who prefer less competitive activities, there is a great number of fitness, leisure and aquatic instructional programs.

Alumni Association

The Alumni Association membership is composed of over 37,500 former students.

The group coordinates a number of programs including reunions, branch meetings, sports events, information lectures, a tutoring service, a Student Leadership Conference, Scholarships and Bursaries, and the Alumni Award for Teaching Excellence. The Association publishes the *Dalhousie Alumni Magazine* which is sent to all alumni and friends.

The alumni play a vital role in the University in a wide variety of ways including representation on the Board of Governors.

Canadian Armed Forces

The Regular Officer Training Plan (ROTP), Medical Officer Training Plan (MOTP) and the Dental Officer Training Plan (DOTP) are completely subsidized university plans covering tuition, books, medical services, monthly pay and summer employment for up to four years of undergraduate study. Successful applicants serve as commissioned officers in the Canadian Armed Forces for varying compulsory periods after graduation.

For further information on above plans, contact a Canadian Forces recruiting centre.

Awards Office

Director: G.G. Steedman, BA

The Awards Office is the campus centre for information and processing of merit awards and financial aid for Dalhousie students. With reference particularly to undergraduate students, the Office administers entrance and in-course scholarships, prizes and bursaries. There is also available a short-term loan plan to assist students with certain types of cash-flow problems. Another major function of the Awards Office is the signing of documents relating to the Canada Student Loan Plan and to the Provincial Bursary/Loan programs. Among other services are awards information, financial counselling, budget planning and disbursement of various financial aid application kits. On behalf of students the Office is deeply engaged in data gathering, form processing, computer coding of awards, and report preparations to internal and external users. In order to facilitate the serving of 10,000 students by a staff of four people the Office reserves certain hours for Personal Service. These are posted (as are any changes) at the entrance to the Office, Room 125, Arts & Administration Building, Studley Campus. During these same hours the telephone line (424-2416) is in service. Outside these hours but within the Office workday, the telephone line has short recorded messages and provides for the leaving of brief messages from callers. For that helping hand with enquiries or problems concerning awards and finances, Dal Awards is the place to come.

University Regulations

General

1. All students must report their local address while attending the University to the Office of the Registrar, on registration or as soon as possible thereafter. Subsequent changes must be reported promptly.

2. Place of Residence of Students. For the purpose of admission to the University, the place of residence of a student is the place of domicile. This is normally presumed to be the place (country, province, etc.) where the parents' or guardian's home is located. That place remains unchanged unless the Registrar is satisfied that a place of residence is established elsewhere.

3. No person under sixteen years of age is admitted to any class except by special permission of the Senate.

4. All students must agree to obey all the regulations of the University already made or to be made, and pay the required fees and deposits before entering any class or taking any examinations.

5. Students taking classes in another Faculty as part of an affiliated course must conform to the regulations of that Faculty with respect to these classes.

6. Late registration requires the approval of the Dean of the Faculty.

7. Withdrawal: See the individual faculty regulations and the Dalhousie University Fees Handbook.

8. Tuberculin Test: In the interests of public health in the University, students are encouraged to have a tuberculin test. This is compulsory for Dental, Dental Hygiene and Physiotherapy students. Facilities for testing are arranged by the University Health Services.

9. Transcript of Record: Except for university purposes, transcripts, official, or unofficial, will be issued only on the request of the student. A student may receive only an unofficial transcript. Official transcripts will be sent at a student's request to other universities, or to business organizations, etc. on payment of the required fee. If a student so requests, copies of a medical certificate will be enclosed with the transcripts.

10. The Senate is charged with the internal regulations of the University, including all matters relating to academic affairs and discipline, subject to the approval of the Governors. Within the general policies approved by Senate, academic requirements are administrated by the Faculty concerned.

11. When the work of a student becomes unsatisfactory, or a student's attendance is irregular without sufficient reason, the Faculty concerned may require withdrawal from one or more classes, or withdrawal from the Faculty.

12. If a student is required to withdraw from a Faculty because of failure to maintain adequate academic standing, such a student may apply to another Faculty. However, in assessing the application, previous performance may be taken into consideration.

13. Degree in Absentia: Any graduating student who is unable to appear at the convocation is expected to notify the Registrar in writing prior to May 6, for Spring convocations (or October 12 for Fall convocations), giving the address to which the diploma is to be mailed. In any case where notification is not received by the required date, and a student does not appear at the convocation, a fee will be charged.

14. Students whose accounts are delinquent on March 15 may not be eligible, at the sole discretion of the university, for graduation at the May convocation. For October or February graduation the dates are Sept. 1 and Jan. 1 respectively.

15. In addition to the above university regulation, students must also comply with the regulations of the Faculty in which they are registered.

Discipline

1. Members of the University, both students and staff, are expected to comply with the general laws of the community, within the University as well as outside it.

2. Alleged breaches of discipline relating to student activities under the supervision of the Dalhousie Student Union are dealt with by the Student Union. Alleged breaches of discipline relating to life in the residences are dealt with by the appropriate Dean or Director of Residence in consultation with the relevant Residence Council. Senate is charged with the authority to deal with cases of alleged academic offences (which is delegated to the Senate Discipline Committee), as well as certain other offences.

3. On report of a serious breach of the law, or a serious academic offence deemed by the President, or in his or her absence by a Vice-President or the Dean of a Faculty, to affect vital University interests, a student involved may be temporarily suspended and denied admission to classes or to the University by the President, Vice-President or Dean, but any suspension shall be reported to the Senate, together with the reasons for it, without delay.

4. No refund of fees will be made to any student required to lose credit for any course taken, required to withdraw or who is suspended or dismissed from any class or any Faculty of the University.

5. Examples of Academic Offenses

(a) Plagiarism

Plagiarism is considered a serious academic offence which could lead to loss of credit and suspension from the University. Plagiarism may be defined as the presentation by an author of the work of another author, in such a way as to give one's reader reason to think that the other author's work is one's own. A student who is in any doubt as to what constitutes plagiarism is urged to discuss the matter with the instructor concerned *before* completing an assignment.

(b) Irregularities in Admissions Procedures

A member of the University who gains admission or assists any other person in gaining admission by any irregular procedure, for example, by falsifying an academic record or by forging a letter of recommendation or by impersonating any other person, commits an academic offence and is liable to a penalty.

(c) Irregularities in Evaluation Procedures

A member of the University who attempts or who assists any other person in an attempt to obtain, by irregular procedures, academic standing in a course related to any degree, diploma or certificate program, commits an academic offence and is liable to a penalty. Without limiting possible irregularities in evaluation procedures that may be considered by the Senate Discipline Committee, the following examples shall be considered irregular procedures:

(i) arranging for or availing oneself of the results of any personation at any examination or test, or,

(ii) attempting to secure or accepting assistance from any other person at any examination or test, or,

(iii) having in one's possession or using any unauthorized material during the time that one is writing any examination or test, or,

(iv) without authorization procuring a copy of an examination, test or topic for an essay or paper, or,

(v) in the absence of any enabling statement by the Faculty member in

charge of that course, submitting any thesis, essay, or paper for academic credit when one is not the sole author, or,

(vi) without authorization submitting any thesis, essay or term paper that has been accepted in one course for academic credit in any other course in any degree, diploma or certificate program.

Senate Discipline Committee

1. Composition

Academic Offences are dealt with by the Senate Discipline Committee, which consists of five members, three of which are members of the Senate and two of which are students.

2. Terms of Reference

(a) The Senate Discipline Committee is vested with original jurisdiction to consider all complaints or allegations respecting offences or irregularities of an academic nature, including those relating to admissions procedures and evaulation procedures, and to impose penalties in cases where the Committee finds an offence or irregularity has occurred.

(b) The Senate Discipline Committee shall assume jurisdiction when a complaint or allegation respecting offences or irregularities of an academic nature are brought to its attention by the Secretary of Senate.

(c) The Senate Discipline Committee shall report its findings and any penalty imposed to the Secretary of the Senate. The Secretary of the Senate shall forward a copy of the report to any member of the University community whom the Senate Discipline Committee has found to have committed an offence or irregularity and if the member concerned be other than a student a copy shall also be sent to the Vice-President (Academic).

(d) If the member of the University found to have committed an offence or irregularity is a student, he may appeal to Senate any finding or any penalty imposed by the Senate Discipline Committee by advising the Secretary of the Senate in writing within 30 days of receipt of the report by the student.

(e) The Senate Discipline Committee, when it finds that a member of the University who is a student has committed an academic offence or irregularity may impose one or more of the following penalties:

(i) loss of all credit for any academic work done during the year in which the offence occurred;

(ii) suspension of rights to attend the University for a specified period;

(iii) dismissal from the University;

(iv) such lesser penalty as the Committee deems appropriate where mitigating circumstances exist.

Definitions

Full-time Students: those registered for three full-credit classes or more, or the equivalent of three half-credit classes or more in either first or second term.

Matriculation Standing: Senior Matriculation designates the level of studies attained by students who have successfully completed Grade XII in public high school in Nova Scotia or its equivalent elsewhere.

Special Students: students who are not candidates for a degree or diploma but who wish to take one or more university classes which may be allowed for credit. This is not the same as auditing a class. Special students must satisfy normal admission requirements.

University Exploration: Students admitted under the mature student category who are not candidates for a degree.

Part-time Students: students registered for fewer than three full-credit classes or the equivalent of three half-credit classes in either first term or second term.

A full credit class is equivalent to 6 credit hours.

Undergraduates: students who are candidates for an undergraduate qualification.

Academic sessions

Fall session:	September — December
Winter session:	January — April
Summer School (first session):	May — June
Summer School (second session):	July — August

Fees

Academic Fees

The final step in the registration process at Dalhousie is the payment of fees. A student is considered registered only after financial arrangements have been made at the Student Accounts office. Information on the payment of fees, refund policy, etc., is contained in the Dalhousie University Fees Handbook, which will be included in the students registration package.

In order to provide you with an idea of the costs involved, we have outlined on page 20 fees for the 1987/88 academic year.

Residence Charges

Please note that the following are general statements. Because of the diversity of the residence facilities available practises do vary slightly from locale to locale.

Applications for accommodation in all residences are accepted on the understanding that the student will remain for the whole academic session.

When students, who have chosen to live in residence and succeeded in securing a room, withdraw from residence before the end of the school year, there are serious financial penalties. One month's written notice must be given to the Dean or Manager. Complete information on withdrawal from residence is available from the residence Dean, or Manager. No refund will be made to any resident who is dismissed for misconduct. Discretionary power in exceptional circumstances remains with the Director of Housing. Confirmation of accommodation will not be granted until the student has been accepted by the University for the coming session and the $120.00 residence application fee and deposit has been received.

Deposits may be made by cheque, bank draft or money order in Canadian funds and payable to Dalhousie University. No reservations will be held on post-dated or "NSF" cheques. Deposits cannot be deducted from scholarships, fellowships or similar awards.

Payment of Residence Charges

Payment may be made in full at registration or, for an extra charge of $10.00, in two installments as per rate schedule. Scholarships may be applied to residence charges only after tuition fees for the full session are paid. The first installment must be paid in full by September 30. To all accounts outstanding after September 30 interest of 1.25% per month will be charged. On second installments outstanding after February 1 interest of 1.25% per month will be charged. A student whose account is delinquent for more than 30 days will be denied University privileges including access to transcripts and records of attendance,Dalplex and the libraries. The student will be reinstated upon payment of the fees outstanding, the arrears interest, and a $50.00 reinstatement fee.

ACADEMIC FEES 1987-88 — All fees for graduate students are listed ONLY in the section headed Graduate Studies
Payment of fees may be made at the Student Accounts Office, located on the basement level of the Arts and Administration Building.

	University Fee	Student Union Fee (inc. Year Book in graduating yr.)	Society Fee	TOTAL
Arts and Science	1,585.00	103.00	5.00	1,693.00
King's (Payable to Dalhousie)	1,585.00	—	5.00	1,590.00
Engineering	1,675.00	103.00	10.00	1,788.00
Health Professions				
Nursing	1,675.00	103.00	20.00	1,798.00
Outpost Nursing, 2nd year	1,675.00	—	20.00	1,695.00
Pharmacy	1,675.00	103.00	31.50	1,809.50
Clinical Residence - Pharmacy	405.00	—	—	405.00
Phys. Ed., Health Ed., Rec.	1,675.00	103.00	10.00	1,788.00
Physio. Occ. Therapy	1,675.00	103.00	13.00	1,791.00
B S W	1,585.00	103.00	10.00	1,698.00
Management Studies				
B Com.	1,675.00	103.00	30.00	1,808.00
C P A	1,585.00	103.00	10.00	1,698.00
Graduate Studies				
Full time	1,700.00	103.00	20.00	1,823.00
Full time M B A	1,700.00	103.00	35.00	1,838.00
Part time for Degree	585.00	40.00	10.00	635.00
Part time for Degree - MBA	585.00	40.00	17.50	642.50
Thesis-only Full-time	265.00	103.00	20.00	388.00
Thesis-only or Cont. Part-time	265.00	50.00	10.00	325.00
MSc Oral and Maxillofacial Surgery	1,975.00	103.00	20.00	2,098.00
LL M (Full-time); J S D	1,815.00	103.00	20.00	1,938.00
LL M (Part-time for Degree)	910.00	50.00	10.00	970.00
Law	1,815.00	103.00	20.00	1,938.00
Medicine				
M D	1,975.00	103.00	25.00	2,103.00
Postgraduate, Interns, Residents	405.00	—	—	405.00
Dentistry				
D D S	1,975.00	103.00	150.00	2,228.00
D D S Advanced Standing[1]	3,950.00	103.00	150.00	4,203.00
Dental Hygiene	1,675.00	103.00	35.00	1,813.00
Dental Hygiene Advanced[1] Standing	3,350.00	103.00	35.00	3,488.00
Postgraduate Periodontics	1,975.00	103.00	150.00	2,228.00
Full Time - One Term Only (Undergraduate)				
more than 3 one-half credits	785.00	50.00	—	835.00
Part Time - Session and Term [2] (Undergraduate)				
All Faculties - Per Course				
1 Full Credit Course	340.00	22.00	[3]	362.00(+)
2 Full Credit Courses	650.00	44.00	[3]	694.00(+)
3 Full Credit Courses	965.00	103.00	[3]	1,068.00(+)
1/2 Credit Course	170.00	11.00	—	181.00
1/3 Credit Course	110.00	11.00	—	121.00
Audit - Session and Term [4] (Undergraduate)				
1 Full Audit Course	170.00	—	—	170.00
1/2 Course for Audit	85.00	—	—	85.00
1/3 Course for Audit	55.00	—	—	55.00

Foreign Students (additional charge):
Visa Students (those who are not Canadian citizens or permanent residents) who commenced their current program of study prior to the 1985/86 academic year are required to pay a Differential Fee of $1,550.00.

For those Visa students who commenced their program of study during or after the 1985/86 academic year, the Differential Fee is $1,700.00. There is a proportionate charge for part time.

THE DIFFERENTIAL FEE IS PAYABLE EACH YEAR WITH THE PAYMENT OF THE FIRST INSTALLMENT OF FEES.

Graduate Students see Regulation 2.7 of Graduate Studies Calendar to determine number of years of differential fee requirement.

[1] Candidates with advanced standing admitted to special programs in DDS and DENTAL HYGIENE to meet Provincial Professional Qualifications, are required to pay double the University fee paid by students in regular programs.
[2] Registered for a total of three (3) credits, or less for session; or three one-half credits, or less for term.
[3] Society Fee for the appropriate faculty is an additional charge. (+)
[4] Course NOT for credit, for interest only. If during session a charge from audit to credit is desired, an additional charge of $25.00 plus the difference in fee for credit course is charged. See Regulation 16 of the Undergraduate Calendar for deadline.

Residence Fees and Meal Charges 1987/88

Period September 3, 1987 to the day in April of the last examination in the Faculty of Arts and Science (exclusive of Christmas vacation). Does not apply to Fenwick Place.

SUBJECT TO CHANGE

	Prepaid Total	In Full Deposit	Payable At Reg	Balance At Reg	January [6]
Howe Hall [1]					
Single Room	$3,670.00	$125.00	$3,570.00	$1,800.00	$1,780.00
Double Room	3,365.00	125.00	3,265.00	1,800.00	1,475.00
Shirreff Hall [2]					
Single Room	3,655.00	125.00	3,555.00	1,800.00	1,765.00
Double Room	3,450.00	125.00	3,350.00	1,800.00	1,560.00
Residence Houses [3]					
Single Room	2,135.00	125.00	2,035.00	1,050.00	985.00
Double Room	1,860.00	125.00	1,760.00	1,050.00	720.00
Glengary Apartments [4]					
Single Room	2,190.00	125.00	2,090.00	1,080.00	1,020.00
Double Room	1,935.00	125.00	1,835.00	1,080.00	765.00
Bachelor Apartments	3,000.00	125.00	2,900.00	1,500.00	1,410.00
Fenwick Place [5]					
Student shared rates					
2 person	2,620.00	125.00	2,620.00	1,310.00	1,310.00
3 person	2,060.00	125.00	2,060.00	1,030.00	1,030.00
4 person	2,130.00	125.00	2,130.00	1,065.00	1,065.00
Meals Only					
Special rate for session:					
3 meals per day	1,570.00				
2 meals per day	1,510.00				

[1] Charges include residence membership fee of $25.00 and key deposit of $6.00. The prepaid deposit includes a $25.00 application fee which is non-redeemable.
[2] Charges include residence membership fee of $30.00 and key deposit of $10.00. The prepaid deposit includes a $25.00 application fee which is non-redeemable.
[3] Charges include key deposit of $10.00. The prepaid deposit includes a $25.00 application fee which is non-redeemable.
[4] Charges include caution deposit $45.00 and key deposit of $15.00. The prepaid deposit includes a $25.00 application fee which is non-redeemable.
[5] The $125.00 prepaid deposit is a damage deposit — see application for details. The $10.00 service charge is not applicable. Fenwick fees cover the following time period: September 7, 1987 — April 17, 1988 (Christmas vacation included).
[6] Charges include service charge of $10.00.

Continuing Studies

Henson College of Public Affairs and Continuing Education

Henson College offers Adult and Part-time Students:

- assistance in planning credit and degree programs
- information about evening and summer classes
- non-credit, general interest classes
- training for managers in the private sector and for municipal administrators
- labour studies
- correspondence courses in business
- and much more. . .

Henson College is Dalhousie's newest academic unit. Named in honour of Guy Henson, one of Nova Scotia's leading adult educators, the College has been created to serve the needs and promote the interests of adult and part-time learners, both those who are pursuing degree programs and those interested in non-credit classes. The foundation of Henson College signals Dalhousie's commitment to make itself more accessible to those who have special educational needs: those who can study only on a part-time basis; those who cannot attend classes during the working day; those who are returning to study after an absence from formal education; those seeking to improve skills and qualifications through credit, non-credit or special programs.

Henson College brings together two existing Dalhousie units: the Institute of Public Affairs and the Office of Part-time Studies. The latter has had the responsibility for Summer School, general interest extension classes and the expansion of part-time studies. The former has been concerned with social policy studies, a variety of community service activities and non-credit programs in public administration, management and labour leadership. To these has been added a new division for credit studies, charged with expanding evening credit programs, developing certificates and other new types of part-time offerings. The College supports a unit devoted to the development of modern educational technologies for the delivery of off-campus instruction. Henson College also offers cooperative support to Dalhousie's professional schools in their programs of continuing professional education.

Part-time and adult students are encouraged to contact Henson College in order to take advantage of the services which we can offer. In addition to pre-admission counselling on an individual basis, the College sponsors a "Returning to Learning" orientation each September, in cooperation with Counselling Services. The Centre for Continuing Studies offers advice to those with special needs and our hours have been extended to assist those who work during the day. A variety of brochures are available, describing summer school and evening credit classes, non-credit and general interest courses, and all of the other continuing education offerings of Henson College.

Henson College is located at the corner of University Avenue and Seymour Street. The main telephone number is 424-2526.

Officers

(Note: For general information, particularly with regard to credit studies and degree programs, students may call the Centre for Continuing Studies, 424-2375.

Dean, Douglas Myers, BA, BEd, MA, PhD (Edinburgh), Professor of Education

Advanced Management Centre
Director, John H. Dougall, BA (Dalhousie), MBA (Western Ontario)

Distance Education and Educational Technology
Director, Katharine Rice, BBA (Mt. St. Vincent), MA (McGill)

Research Unit
Research Coordinator, Stephen Macdonald, BA, MA (Dal)

Centre for Continuing Studies
Director, Stephen Frick, BA (Toronto), PhD (Cornell)

Associate Director, Lloyd Fraser, BA, BEd (Mt. Allison), MEd (Dal)

Community Development and Outreach
Director, Mary Morrissey, BA (Western Ont.), MSW (Dal)

Municipal Administration Program
Director, Jack Novack, BComm, MPA (Dalhousie)

Academic Credit Programs

Part-time students are admitted to many of Dalhousie's credit programs, either to work toward a degree or simply to take individual classes. Admission requirements and regulations generally are the same for all students, although special provision is made for the admission of mature persons. For information on admission and registration procedures, degree requirements, fees, etc. see the entries elsewhere in this Calendar. For regulations concerning graduate study, consult the calendar of the Faculty of Graduate Studies.

Scholarships and Financial Aid

Certain awards and scholarships are available for part-time students who qualify. Details may be found in the booklet "Scholarships, Prizes and Financial Aid" available from the Awards Office.

Special Opportunities for Study and Development

A wide variety of non-credit courses is available in such areas as computers, language programs, (Mini-immersion in French, plus a variety of self-instructional programs), the arts, law, health, social issues, career development and career change. Call the Centre for Continuing Studies at 424-2375.

Correspondence Courses

The Advanced Management Centre, in cooperation with Dalhousie's School of Business Administration, has developed a series of credit and non-credit correspondence courses in over 15 areas of business administration: accounting, business law, marketing management, finance, plus many others. Call the Advanced Management Centre at 424-2410 or 424-2526.

Henson College, in cooperation with Dalhousie's School of Public Administration offers a series of credit courses by correspondence leading to a certificate in Public Administration. For additional information call 424-8885 or 424-2526.

Board of Governors

Chancellor
Lady Beaverbrook, LLD

President and Vice-Chancellor
Howard C. Clark, BSc, MSc, PhD, ScD.

Board of Governors
Mr. Barrie Black
Dr. Mona L. Campbell
Ms. Mary Clancy
Mr. George T.H. Cooper
Mr. James S. Cowan
Dr. Donna M. Curry, Honorary Secretary
Mr. Louis Deveau
Mr. Peter R. Doig
Mr. Michael Dunn
Mr. Ivan E.H. Duvar
Ms. Cherry G. Ferguson
Mr. Brian Flemming
Mrs. Betty Flinn
Mrs. Linda Fraser
Miss Sherry Golding
Mrs. Jean Harrington
Mr. David J. Hennigar
Mr. Christopher Hopper
Mr. Donald A. Kerr
Mr. J. Gordon Lawley
Mrs. Vivian Layton
Mr. John W. Lindsay
Ms. Bernadette Macdonald
Mr. Alexander J. MacIntosh
Dr. Albro D. MacKeen
Mr. Edward MacNeil
Mr. E. Neil McKelvey
Sr. Shellagh Martin
Mrs. Shirlee Medjuck
Mr. Norman H. Newman
Chief Judge Ian H.M. Palmeter
Mr. George C. Piercey, Vice-Chairperson
Mrs. Ruth Pulsifer
Dr. Cedric E. Ritchie
Mr. W. Struan Robertson, Chairperson
Mr. Alan K. Scales
Mr. Allan C. Shaw, Honorary Treasurer
Mr. Donald C.R. Sobey
The Hon. Robert L. Stanfield
Mr. George C. Thompson
Ms. Maxine N. Tynes
His Worship Ronald Wallace, Mayor of Halifax
Mrs. Peggy Weld, Vice-Chairperson
Mr. F.B. Wickwire
Miss Caroline Zayid
Mr. Sherman Zwicker

Secretary
Mrs. Elizabeth A. Christian

Observers for Senate
Dr. W.E. Jones
Dr. J.A. McNulty
Dr. R.S. Rodgers

Observer for Faculty Association
Professor D.M. Lewis

Administrative Officers

President and Vice-Chancellor
Howard C. Clark, Bsc, MSc, PhD, ScD

Vice-Presidents
Bryan G. Mason, BA, Finance and Administration
Alasdair M. Sinclair, BA, MA, BPhil, PhD, Academic and Research

Assistant Vice-Presidents
Robert O. Fournier, BSc, MA, PhD, Research
John Mabley, BA, MA, EdS, Development

Deans of Faculties
Arts and Science: Donald D. Betts, MSc, PhD, FRSC
Dentistry: Kenneth Zakariasen, BA, DDS, MS, PhD
Graduate Studies: Kenneth T. Leffek, BSc, PhD, FCIC (Chem.)
Health Professions: Robert S. Tonks, BPharm, PhD, FPS
Law: Innis C. Christie, BA, LLB, LLM
Management Studies: Roy E. George, BSc, MA, PhD
Medicine: T.J. (Jock) Murray, MD, FRCP(C)

Henson College of Public Affairs and Continuing Education
Dean: J. Douglas Myers, BA, BEd, MA, PhD

Other Administrative Officers
Registrar: Gudrun Curri
Director of Admissions: William D. Courrier, BSc, MSc, PhD
University Librarian: William F. Birdsall, MA, PhD
Executive Director, Computer and Information Services: Peter Jones, MSc
Director of the Dalhousie Arts Centre: Murray Farr
Director of Alumni Affairs: TBA
Director of Housing and Conferences: Heather Sutherland, BSc, MEd
Director of Public Relations: Marilyn MacDonald, BA, MA
Dean of Women: Pamela Stonehouse, BSc, MEd
Dean of Men: Patrick Donahoe, BA, MA
Director, Athletics and Recreational Services: Anthony Martin, BSc, MA
Director, Awards: Gordon Steedman, BA
Director, Counselling and Psychological Services: Judith Hayashi, BA, MA
Director, Finance: Mike Wright
Director, Office of Institutional Analysis and Planning: Brian Christie, BSc, MA
Director, Personnel Services: Michael J. Roughneen, BA, MSc
Director, Physical Plant and Planning: William Lord, BASc, PEng
Director, University Health Services: Rosemary Gill, MD
University Secretary and Legal Counsel: Brian C. Crocker, BA, LLB, QC

Faculty of Dentistry

The Maritime Dental College was founded in 1908 and quartered in rooms provided by Dalhousie University in the Forrest Building. In 1912 an arrangement was made by which the Maritime Dental College became the Faculty of Dentistry of Dalhousie University.

In the main, medical science classes of the Dentistry Course are offered by Departments of the Medical Faculty located in the Sir Charles Tupper Medical Building and the Dr. D.J. MacKenzie Laboratories & Diagnostic Centre. The other subjects in the curriculum are taught in the Dentistry building which was opened in 1958, and extensively enlarged and renovated in 1980.

The Dental Library contains practically complete files of the dental periodicals and a large collection of books.

Classes are supplemented by clinics and demonstrations in the Victoria General Hospital, the Izaak Walton Killam Hospital for Children, the Canadian Forces Hospital and the Department of Veterans Affairs Hospital (Camp Hill). The buildings are all close by and form part of a compact group of hospitals and teaching centres. These arrangements enable students to obtain extensive varied clinical instruction and experience.

In addition to the DDS Program the Faculty also offers a four-year graduate program leading to the Degree of Master of Science in Oral Surgery, a two-year post-graduate program leading to a Diploma in Periodontics and a two-year program leading to a Diploma in Dental Hygiene.

The Faculty also has an office for Alumni Affairs and Continuing Education which arranges short courses primarily for dentists and dental hygienists.

Admission to Doctor of Dental Surgery Program

The number of students admitted in any one year is limited by the availability of physical facilities.

Preference is given to residents of the Atlantic Provinces but applications from well qualified students from other provinces and countries may be considered.

For the information of possible applicants the following is provided showing the characteristics of the applicants and entering class of 1987/88.

Number of applicants: 218 (148 men, 70 women)

Number enrolled: 32 (17 men, 15 women)

Age of Students: Range: 21-28, Mean: 22.6, Over 30: 0

Pre-dental university education: 2 years — 0; 3 years — 0; 4 or more years (no degree) — 1; Bachelor's Degree — 30; Master's or equivalent — 0; PhD or equivalent — 0; DDS from foreign university - 1.

Residence: Atlantic Provinces — 30; Other Canadian Provinces — 1; Foreign — 1.

Mean DAT, reading comprehension — 3.97; Mean DAT, PAT — 4.55.

Mean DAT, chalk carving — 5.0; Mean DAT, academic average — 4.32.

Place of Residence of Students

For dental admission purposes, the place of residence of an applicant is the place where the applicant is domiciled. This is normally presumed to be the place (country, province, etc.) where the home of the student's parents or guardian is located. The DAT application form contains a question regarding Preferred Province of Residence. Under normal circumstances the Admissions Committee accepts the statement by the student of his preferred province of residence as it appears on the reported results of the Dental Aptitude Test. Attendance at a University in the Atlantic Provinces does not, by itself, constitute having residence in the Atlantic Provinces.

Application Procedure

The Faculty of Dentistry application form must be submitted to the Office of the Registrar by December 1. Applications from all students, including those who have attended Dalhousie or King's must be accompanied by a $20.00 processing fee, which is not refundable and is not applicable to tuition fees. A new application form must be submitted in each year in which application is made.

The following documentation must be submitted in support of the application. Applications must be complete for consideration by the Admissions Committee. Applications submitted by the deadline may be completed at any time up to June 30, however, applicants are encouraged to submit supporting documents by March 30. Applications completed after March 30 are considered when completed if unfilled places remain in the entering class.

(a) Faculty of Dentistry application form.

(b) Canadian applicants must submit results from the Canadian Dental Association Dental Aptitude Testing Program. Applicants must complete the Dental Aptitude Test no later than November to be considered for admission to the following year. Most successful applicants have achieved a score of 4.0 or better on their manual dexterity portion of the DAT. Information regarding the Dental Association Aptitude Testing Program may be obtained from the Office of the Registrar, from the Faculty of Dentistry, or by writing to the Administrator, Dental Aptitude Test Program, Canadian Dental Associaiton, 1815 Alta Vista Drive, Ottawa, Ontario K1G 3Y6. Applicants from other countries may submit the American Dental Association Dental Aptitude Testing Program results. While this information is not a final or deciding factor in selection it is used as an additional criterion by the Admissions Committee when evaluating student qualifications.

(c) Official transcripts in support of the applicant's academic record must be forwarded by the institution or institutions at which the applicant completed his pre-professional studies. If the applicant is still engaged in university studies, it would be advantageous to forward an interim transcript and a final transcript must be forwarded on completion of these credits.

(d) Three completed confidential evaluation forms (provided in the application package) in regard to the applicant's character are to be forwarded directly to the Registrar. At least one of these forms must be from a university faculty member who has taught the applicant. The remaining forms should be from someone (not a relative) known to the applicant. These are in addition to any assessment which may be obtained from a College Advisory Committee.

(e) The Admissions Committee requests an assessment of the applicant by a College Advisory Committee from the institution the applicant is attending. Applicants should make themselves known to university teachers so that the university evaluation can be based on a personal knowledge of the applicant by an appropriate Faculty member.

(f) To ensure physical, mental and dental fitness a medical certificate and a dental certificate (provided in the application package) must be completed on behalf of each applicant.

(g) Applicants may be required to attend an admissions interview.

An application will not be considered if the applicant has been required to withdraw from studies at any other School of Dentistry or Medicine at the request of the Faculty of that institution, unless the application is supported by a recommendation from the Dean of that School. In exceptional circumstances, certain of these regulations may be waived or modified by the Faculty Admissions Committee.

On notice of acceptance to the Faculty of Dentistry, applicants must deposit with the Registrar the sum of $100.00 before a specified date. This amount is credited toward tuition fees if the student registers, but is not refundable if he/she withdraws.

These regulations may be amended without notice by the Faculty of Dentistry.

Admission to First Year of the DDS Program

Minimum Academic Requirements

While enrolled in a regular bachelor's degree program whose sole entrance requirement is Nova Scotia grade 12 or its equivalent, completion of the following before June of the year of expected entry to the Faculty of Dentistry: a minimum of 10 full-year academic classes* (usually during two years of full-time attendance), including university classes of a full academic year's* duration in biology, general chemistry, organic chemistry, physics and three full year academic classes* chosen from the humanities and/or social sciences, one of which must involve a significant written component; as well as three other full year academic classes*. The science classes must include laboratory instruction or seminar periods.

- a combination of two one-term academic classes in the same discipline is considered equivalent to one full-year academic class.

The Faculty of Dentistry considers it desirable that all students intending to proceed to the study of dentistry should acquire a background in the humanities and the social sciences and attain facility in the use of the written and spoken word. Therefore, while minimum entrance requirements are established, students are encouraged to proceed to a Bachelor's degree before seeking admission to the Faculty of Dentistry, particularly if there is any intention or likelihood of proceeding to graduate programs in dentistry or associated sciences. This statement is not to be interpreted to mean that any penalty will be imposed upon those who do not have more than the stated minimum requirements.

Prior to or after making application to the first year of the DDS Program, applicants are strongly encouraged to spend time in the office of their family dentist to learn about the dental profession. They are also encouraged to visit the Faculty of Dentistry and talk with and observe the dental students.

Most successful candidates complete an appropriate bachelor's degree program, incorporating the required classes. It is expected that the program includes classes in other disciplines such as humanities, social sciences, languages, and mathematics. Truly outstanding applicants may be admitted after completion of the minimum entrance requirements.

Because of the difficulty in comparing marks and grades from the various universities from which dentistry students are drawn, it is not possible to state a minimum standard that ensures serious consideration for admission. However, demonstrated capacity to carry a full program of demanding advanced level classes is a necessary asset for a dentistry student. The ability to obtain consistently better than average grades in such a program is the best indication of that capacity. An academic record which shows failed or repeated classes, classes passed with low grades or supplementary examinations, particularly in the two years prior to anticipated entry to dental school, makes the prospect of admission unlikely. Applicants with the best academic record have the greatest chance of admission. Nonetheless, the Admissions Committee can and does make significant use of non-academic factors in deciding which applicants are admitted (e.g. Dental Aptitude Test, interviews, university recommendation, references).

Admissions to Advanced Standing in the DDS Program

The Faculty of Dentistry will determine each academic year if spaces are available for advanced standing students. The availability of advanced standing opportunities is very limited. The Faculty offers no assurance that it will accept advanced standing students in any given academic year.

Students who have completed all or part of their dental education in another approved Faculty of Dentistry may apply for admission with advanced standing on the following conditions.

1. Together with a completed Faculty of Dentistry application form, the candidate must submit a complete academic record.
2. No student may be accepted for admission to advanced standing if his/her pre-professional standing is below that required for admission to the first year of dentistry at Dalhousie University.
3. Each applicant must be evaluated as to his/her standing suitability. The Admissions Committee may conduct a personal interview and/or may require a written /oral examiniation.
4. Credit can be given only for the work of a completed academic year, and students must register for all classes of the year into which they are admitted at Dalhousie.
5. The Admissions Committee will determine the appropriate level of entry for an advanced standing student. Applicants who have a dental degree from a university in a foreign country may only be considered for admission to the first, second, or third year of the Dentistry program.
6. Applicants for advanced standing who have a dental degree from a university in a foreign country should take at least Parts One and Two of the Canadian National Dental Board examinations or at least Part One of the American National Dental Board examinations prior to applying to the Faculty of Dentistry.

Course Waiver Policy

Course waivers may be granted by the Academic Standards Committee upon the recommendation of Division Heads, Departmental Chairmen or the Director of the School of Dental Hygiene as may be appropriate. Requests for such waivers must, in the case of dental students, be directed to the Associate Dean for Academic Affairs, and for dental hygiene students, to the Director of the School. Such requests should be initiated prior to registration and in no case will a request be considered after the course has been in progress for two weeks. Documentations, including course descriptions and transcripts, must be submitted to the Associate Dean or Director for review and prior approval in consultation with the appropriate academic Division, Department or School. Approval for the waiver of any course may be conditional, requiring partial attendance or completion of an appropriate project or examination.

Eligibility for Course Waiver

Advanced Standing and Transfer Students: Normally, advanced standing and transfer students are not eligible for course waivers unless specifically proposed by the Admissions Committee. If the student feels that there is sufficient cause for one or more course waivers to be granted, application must be made for all such waivers to the Associate Dean for Academic Affairs. After consultation with the Admissions Committee and appropriate Course Director(s) a recommendation will be forwarded to the Academic Standards Committee for consideration.

Dentistry: (a) Normally, a dental student who has successfully completed a Dalhousie course required by the dental curriculum with a grade of B- or better within the previous three years will not be required to repeat the course during his dental education.

(b) A dental student who has successfully completed a course at another university, with a grade of B- or better within the previous three years, which he/she believes is comparable to a required course in dentistry, may apply for a waiver in the usual manner. In this instance, the student will be required to successfully complete a challenge examination.

Dental Hygiene: Normally a dental hygiene student who has received a 'C' grade or better in a Dalhousie course that is required by the dental hygiene curriculum, is not required to complete the course during her dental hygiene education. A dental hygiene student who has received a 'C' grade or better for a course believed to be comparable to a dental hygiene course, may apply for a waiver in the usual manner. Under exceptional circumstances, a lower grade may be considered by the Academic Standards Committee on the recommendation of the Director of the School of Dental Hygiene.

Computation of Grade Point Average

Students who are granted a course waiver shall, for the purposes of establishing (1) class rank; (2) grade point average; and (3) prizes and awards, have their final grades computed using only the required courses being taken.

Promotion

A student will not normally be promoted to the class of any year unless he or she has passed in all subjects of the previous year and has obtained a clinical, didactic and overall grade point average of 2.0.

As an academic requirement, students are assessed in each year on their aptitude and fitness for the profession of Dentistry. A student who, in the judgment of the Faculty, fails to attain satisfactory standard on this assessement may be retired from the Faculty.

Students must prepare such exercises, reports, etc., as may be prescribed, and in classes involving laboratory or practical work they must complete such work satisfactorily before any credit for that course can be given. If Faculty deems it advisable, students may be given the opportunity to clear any deficiencies by means of remedial programs.

From time to time, certain clinical requirements are established for students. These requirements must be fulfilled before a student may obtain credit for the work of that year. Students who, in the judgment of the Faculty, are deficient for any reason in their clinical practice may be required by Faculty to return for a special clinical session or to repeat the year. The satisfactory completion of this clinical session is required in order to allow students either to continue in their regular course or to graduate at the Fall Convocation.

A candidate who has deficiences at the termination of regular classes and who clears these deficiencies in time to be promoted or graduated will receive only the lowest passing grade in those subjects in which the deficiences existed.

Academic Year

The academic year commences in early September, and for the first three years, the course continues until the latter part of May. The academic year for the fourth-year class terminates in the early part of May. Classes begin immediately after the regular registration date, and late registration will be permitted only under most exceptional circumstances, if approved by the Dean. Total length of the program is currently 140 weeks in actual attendance: two 38-week sessions of two semesters each, a 36-week session of three semesters in third year, and, a 32-week session of three semesters in the fourth year.

Illness or Absence

It is the student's responsibility to immediately inform Course Directors, the Office of the Dean and, when clinical activities are involved, the Director of Clinics and any scheduled patients, of any absence due to illness, injury, or other serious cause. Application for special consideration due to injury, illness, or other serious cause shall be made to the Dean not later than three days (excluding holidays) after the student's return to classes following an injury or illness.

Failure to report as required may limit a student's right to appeal an unsatisfactory course grade or the failure of an academic year. Written policies describing the responsibilities of students in such cases are available to all students in the Academic Policy Manual.

Examination and Class Grades

Admission to Examinations

In order to qualify for admission to examinations, candidates must attend the prescribed classes of the curriculum regularly and punctually. Certificates indicating less than 90% of attendance at any class are not ordinarily accepted.

Class Grades

Upon completion of a class a student is awarded a grade of A, B, C, D, FM or F. In this system A is the highest and D is the lowest passing grade; FM is a failing grade that allows an otherwise qualified candidate to take a supplemental evaluation; F is a failing grade disqualifying the student from further evaluation without repeating the course and the entire academic year.

The numerical percentage score-letter grade equivalency scale for all didactic courses in the Faculty of Dentistry is as follows:

Letter Grade	Numerical Score
A	85 — 100
B	70 — 84
C	60 — 69
D	50 — 59
FM	40 — 49
F	0 — 39

The teaching divisions concerned are responsible for defining the requirements for grades A, B, C, D, FM, and F. If a division also wishes to award any of the grades, A+, A-, B+ or B-in a clinical course, definitions of these requirements must be available as well.

Grade Point Equivalents and Averages

Grade point equivalents are used to calculate grade point averages, which in turn are used to determine class standing and as factors in determining recipients of prizes and awards.

Grade	Point Equivalent
A (A+, A-)	4
B (B+, B-)	3
C	2
D	1
FM, F	0

Calculation of Average

Each class is assigned a weight based on its length and the mix of lecture, laboratory or clinical components, however the difference in weight between the smallest and largest didactic course weight in any year may not be greater than a 1:3 ratio. An individual student's point equivalent for each class is multiplied by the course weight. The student's grade point average is calculated by adding up the weighted grade point equivalents earned for all the separately numbered classes for the Academic Program and divided by the sum of the class weights for all classes.

Supplemental Examinations

A candidate who has received FM grades in not more than two subjects of any year and who has attained the required overall grade point average of 2.0, is entitled to supplemental examinations in such subjects, provided he or she is qualified in attendance and class work for admission to examination. A candidate who has failed in more than two subjects in any one year or who has received an F grade in any course or has received an overall grade point average less than 2.0, does not receive any credit for work done in that year.

Supplemental examinations are held on the day specified in the Academic Calendar, and at no other times and are written at Dalhousie unless approval is obtained to do otherwise.

Other forms of supplemental evaluations may be prescribed for different aspects of the program such as laboratory and clinical assignments. These are carried out in periods determined by the Faculty.

Application for admission to a supplemental examination must be made on or before July 15th. Application forms may be obtained from the Dean of Dentistry's Office and must be accompanied by the proper fee.

On passing a supplemental examination or evaluation the candidate receives no higher than the lowest passing grade (D).

Promotion and Graduation

First and second year students are not promoted unless they have passed all subjects and obtained a grade point average of 2.0 in each year. Students in third year are not promoted unless they have passed all subjects, obtained a grade point average of 2.0 in all clinical subjects, a grade point average of 2.0 in all didactic subjects, and an overall grade point average of 2.0. Students in fourth year are not graduated unless they have passed all subjects, obtained a grade point average of 2.0 in all clinical subjects, a grade point average of 2.0 in all didactic subjects, and an overall grade point average of 2.0.

Appeals

Students have the right to appeal their assigned grade in a given course as well as decisions regarding their failure of an academic year. Written policies describing the Faculty's appeal procedures are available to all students in the Academic Policy Manual.

Provincial Regulation

Students are reminded that the degree in Dentistry is not the only requirement for admission to practice in any province. The regulations for admission to practice are established by the licensing board of the province in which the person desires to practice. Information on these requirements may be obtained from the respective Dental Registrars whose names and addresses may be obtained from the Office of the Dean.

The National Dental Examining Board of Canada incorporated under Federal Statute offers an examining facility leading to a certificate which is recognized by the dental Licensing Boards in all ten provinces of Canada. Holders of the certificate may be licensed to practice in all provinces, sometimes after meeting additional provincial requirements. For further information inquiries should be addressed to: Registrar, National Dental Examining Board of Canada, Suite 103, 100 Bronson Ave., Ottawa K1R 6G8.

The program of dental education in the Faculty has received approval of the Canadian Dental Association and the Council on Dental Education of the American Dental Association. The Dalhousie Doctor of Dental Surgery Degree is, therefore, an accepted educational qualification for obtaining a certificate from the National Dental Examining Board of Canada, the National Board of Dental Examiners of U.S.A., and the Boards of many of the states of the United States.

Graduates in Dentistry from Dalhousie University may be licensed in Nova Scotia by the Provincial Dental Board without further examination.

Instruments, Equipment and Books

Larger items of equipment and some clinical instruments are provided on loan by the University. All other instruments and material for practical instruction must be procured by the students. Normally, the Faculty obtains these for the students to ensure delivery in time for the start of the academic year. This practise, however, does not prohibit students from purchasing their instruments and material from any source or sources they wish provided that:

(a) the instruments are in a new condition and of the particular type and manufacture prescribed by Faculty

(b) the instruments and material are available in time for the start of the academic year

(c) advice is received by the Office of the Dean not later than 28 February from any student who intends to purchase instruments and material privately for the ensuing academic year. This deadline is essential as experience has shown that Faculty must place orders not later than 1 March to ensure the likelihood of delivery in time for the start of the academic year.

The textbooks prescribed for the various courses are arranged in the same manner as instruments and material.

The following estimate of the cost of instruments and books for each year is subject to change without notice, but it can assist the students in estimating their expenses.

	Instruments Purchase	Instrument User Fee	Textbooks
Year I	$2,070.00	$500.00	$1,000.00
Year II	$2,361.00	$500.00	$1,350.00
Year III	$188.00	$500.00	$250.00
Year IV	$ 9.50	$500.00	$160.00

Academic Program

The course for the degree of Doctor of Dental Surgery extends over four years.

It is to be distinctly understood that the regulations regarding courses of study, examinations, fees, etc., contained in this calendar are intended for the current year only, and that the University does not hold itself bound to adhere absolutely to the curriculum and conditions laid down.

The course is as follows:

First Year

Gross Anatomy, Microanatomy, Neuroanatomy, Biochemistry, Pathology, Physiology, First Aid, Oral Biology, Dental Anatomy & Occlusion, Dental Biomaterials Science, Operative Dentistry, Communications, Orthodontics, Introductory Periodontics.

Second Year

Microbiology, Pharmacology, Immunology, Systemic Pathology, Oral Diagnosis, Radiology, Oral Surgery, Removable Prosthodontics, Periodontics, Endodontics, Orthodontics, Communications, Fixed Partial Prosthodontics, Occlusion, Preventive Dentistry, Pediatric Dentistry, Dental Biomaterials Science, Introduction to General Dentistry, Community Awareness Program, CPR.

Third Year

Clinical Practice, Oral Pathology, Radiology, Oral Surgery & Anaesthesia, Removable Prosthodontics, Operative Dentistry, Periodontics, Endodontics, Orthodontics, Occlusion, Pediatric Dentistry, Community Awareness Program, Ethics, Practice Management — Basic, Dental Public Health, Patient Management Seminar, Table Clinics.

Fourth Year

Clinical Practice, Total Patient Care, Seminars in: Oral Medicine, Oral Surgery, (Patient Health Assessment), Restorative, Removable Prosthodontics, Periodontics, Endodontics, Orthodontics, Pediatric Dentistry, Dental Oncology, Jurisprudence, Patient Management Seminar, Practice Management — Advanced, General Dentistry, Community Awareness Program, CPR.

Classes of Instruction

Anatomy, Biochemistry, Immunology, Microbiology, Pathology, Pharmacology, and Physiology are offered by the Faculty of Medicine.

Department of Anatomy

Head of Department: D.G. Gwyn

Instruction by the staff, Department of Anatomy, Faculty of Medicine.

Gross Anatomy — D1001R: A two-term course for first-year Dental students which provides an introduction to human anatomy in the clinical context and detailed study of the Anatomy of the head, neck and oral cavity. *Texts: Morphology of the Living* by Stan R. Blecher. *Moore's Clinically Oriented Anatomy. Grant's Atlas of Anatomy* or *McMinn and Hutchings' Head and Neck Anatomy. Cunningham's Manual of Practical Anatomy.*

Neurological Sciences (Neuroanatomy) — D1003B: The anatomical component of this class provides the student with an introduction to the organization of the human nervous system. The course is taught concurrently with Neurophysiology. *Prescribed Texts:* Barr and Kiernan, or Noback and Demarest, *The Human Nervous System*, latest ed.; *prescribed laboratory manual:* DeArmond, et al, *Structure of the Human Brain*, latest ed.

Microanatomy — D1002R: The class for first-year Dental students consists of one lecture and a two-hour laboratory per week. This section covers the microscopic structure of the tissues and organs of the human body, stressing the relationship of structure and function. *Prescribed Texts:* Cormack *Introduction to Histology;* Di Fiore, *Atlas of Human Histology; Reference Text:* Fawcett, *A Text Book of Histology.*

Department of Biochemistry

Head of Department: R.W. Chambers

Instruction by the staff, Department of Biochemistry, Faculty of Medicine.

Biochemistry for Dental Students — D1004R: This class occupies approximately 75 hours, and consists mainly of lectures. It is given in both terms of the first year and serves two general purposes. 1. It provides an introduction to general biochemistry, which should enable students to read and understand current reports of biochemical research related to Dentistry and allied subjects; 2. It provides detailed instruction in a few specialized areas of particular interest to students of Dentistry. General topics include the structure, function, and biosynthesis of proteins; enzyme action; energy production by cells; and control of metabolism. Specialized topics include nutrition, saliva, calcium and phosphate metabolism, and collagen chemistry and biosynthesis. This class is intended for students of Dentistry. Others may take it only with special permission of the Department of Biochemistry.

Department of Microbiology

Head of Department: K.B. Easterbrook

Instruction by the staff, Department of Microbiology, Faculty of Medicine and Faculty of Dentistry.

Immunology — D2002A: Immunology deals with the structure and synthesis of antibodies and mechanisms of antibody and cellular immunity to infections. Also discussed are transplantation, tolerance, hypersensitivity, the complement system and tumor immunology. *Reference Book:* Bellanti, *Immunology III.*

Microbiology — D2001A: This class which commences in the first term of second year covers the general principles of medical bacteriology, virology, mycology and parasitology. Students are instructed in Medical Microbiology in the first trimester. In the second trimester they participate in Oral Microbiology as a separate course. The lectures deal with the physiology of bacteria, a systematic study of the pathogenic bacteria, viruses and rickettsiae, structure and use of antibiotics and the natural history of

infectious organisms, Oral Microbiology, Microbial history of infectious organisms, Oral Microbiology, Microbial disease with oral manifestation. Laboratory periods are designed to familiarize the student with the microscopic cultural and biochemical characteristics of bacteria, sterilization, disinfection and antibiotics. *Reference Books:* Sherris, *Medical Microbiology and Introduction to Infectious Diseases;* Jawetz et al, *Review of Medical Microbiology;* William A. Nolte, *Oral Microbiology;* Burnett and Scherp, *Oral Microbiology & Infectious Disease.*

Department of Pathology

Head of Department: M.A. MacAulay

Instruction by the staff, Department of Pathology, Faculty of Medicine.

General Pathology — D1005B: This is a class of 55 hours and is taken with first-year medical students. It deals with the selective and coordinated responses of cells, tissues and organs to injury stimuli, with particular emphasis on the role of such responses in the pathogenesis of diseases. The subject areas covered by this program are cell injury, the inflammatory response, healing and repair, neoplasia, and some aspects of pathology of trauma, environment, aging. Most of the instruction is by lectures. Learning resources, including slide-tape programs, are made available. There are 4 laboratory sessions which deal with selected structural changes in injured cells and tissues. *Texts:* The class starts in January of each year and the Department will advise students of the texts which are available in the Kellogg Library for use.

Department of Pharmacology

Acting Head of Department: K.W. Renton

Instruction by the staff, Department of Pharmacology, Faculty of Medicine.

Pharmacology — D2003R; This second-year class is a separate course for Dental students taken during both semesters and consisting of 45 hours of lectures. It emphasizes the basic principles of drug action with special attention given to groups of drugs used commonly in dental practice (local and general anaesthetics, analgesics, tranquilizers) and on drugs whose presence in the body may affect dental procedures. *Text:* Katzung, *Basic and Clinical Pharmacology. Reference Book:* American Dental Association, *Accepted Dental Therapeutics.*

Department of Physiology and Biophysics

Head of Department: T.F. MacDonald

Instruction is given by the staff, Department of Physiology and Biophysics, Faculty of Medicine

Physiology (Biol. 4403) — D1006R: A survey course in human physiology for first-year Dental students which is structured around the various body systems. It consists of three lectures per week and occasional tutorial sessions and laboratory demonstrations. Descriptions encompass all levels of organization, from subcellular structures to integrative functions of complex organisms and interactions with the environment. The first semester concentrates on membrane physiology, the cardiovascular system, kidney function and respiration. The central nervous system, digestion, endocrinology and metabolism are topics taught in the second semester. *Text:* A.C. Guyton, *Textbook of Medical Physiology,* 7th edition. Saunders, 1986.

Department of Oral Biology

Chairman of the Department: M.M. Cohen Jr.

First Year General Studies — D1101R: This first year course deals with various topics including: (1) Introduction to Human Embryology; (2) Craniofacial Embryology; (3) Principles of Dysmorphology; (4) Craniofacial Dysmorphology; (5) Perspectives on the Face; (6) Oral Histology, Embryology, and Correlative Pathology; (7) Basic Science of Oral Biology; (8) Perspectives in Growth and Development; (9) Human Genetics and Dentistry; and (10) Perspectives in Public Health. *Texts:* Cohen, M.M., Jr., *First Year General Studies;* Hansell, M.M., *Embryology.*

Systemic Pathology — D2101R: This is an eighty hour course presented in the first and second terms to the second year dental students by Oral Pathology, Faculty of Dentistry, and Department of Pathology, Faculty of Medicine. Basic disease processes are emphasized and the ways in which these affect the organ systems are studied. This course provides a foundation for assessing the patient's health, and for arriving at a diagnosis. *Texts:* Robbins, S.L., Angell and M., Kumar, V., *Basic Pathology,* Third edition, Saunders; 1981.

Oral Pathology — D3101A: The objective of this course is to provide the pathologic basis for a rational approach to diagnosis and treatment of oral diseases. Extensive lecture notes are provided prior to each lecture. *Required texts:* Shafer, W.G., et al: *A Textbook of Oral Pathology,* Fourth edition, W.B. Saunders, Col, Toronto, 1983. Eversole, L.R.: *Clinical Outline of Oral Pathology: Diagnosis and Treatment.* Second edition, Lea and Febiger, Philadelphia, 1984.

Oral Medicine — D4201B: This course is also given jointly by Oral Pathology and Oral Diagnosis. It consists of rotation through the Mouth Clinic in both terms and a one hour weekly seminar in the second term. It is designed to integrate the knowledge acquired in previous courses and to apply it in the management of individual patients and cases presented in Clinical Pathologic Conferences. *Text:* Eversole, R.R., *Clinical Outline of Oral Pathology: Diagnosis and Treatment. Journals: Oral Surgery, Oral Medicine and Oral Pathology, Journal of Oral Surgery, British Journal of Oral Surgery, and Journal of Oral Pathology.*

Department of Oral Diagnosis and Oral Surgery

Chairman of Department: D.S. Precious

Division of Oral Diagnosis

Division Head: D.S. Precious, Acting Head

Oral Diagnosis and Treatment Planning — D2203B: A course of lectures, demonstrations and clinical exercises. Students are taught the principles and methods of diagnosis, prognosis, and treatment planning. Some of the lecture topics are co-ordinated with Clinical Preventive Dentistry and presented in two other courses; D2350R and Radiology D2201R. The examination in this course is given at the conclusion of second year. *Text:* Mitchell, Standish and Fast, *Oral Diagnosis/Oral Medicine and Treatment Planning.* Barsh, L.I., *Dental Treatment Planning for the Adult Patient.*

Clinical Oral Diagnosis and Treatment Planning — D3202R: Third year students gain practical experience rotating through the Oral Diagnosis clinic during the year. Students do a complete diagnostic work-up (history taking, radiographs, charting and treatment planning) on assigned patients. Students are given exercises in radiographic interpretation and recognition of technical and processing errors. *Reference Books:* Wood, N.K., *Treatment Planning — A Pragmatic Approach;* Halstead, Blozis, Drinnan, Gier, *Physical Evaluation of the Dental Patient;* Scopp, I.W., *Oral Medicine;* Bell, *Orofacial Pain.*

Clinical Oral Diagnosis/Radiology and Treatment Planning — D4202R: The fourth year student continues to do complete diagnostic work-ups. Students develop skills in the delegation and supervision of auxiliary personnel in radiography. *Reference Books:* Wood, N.K., *Treatment Planning — A Pragmatic Approach;* Halstead, Blozis, Drinnan, Gier, *Physical Evaluation of the Dental Patient;* Scopp, I.W., *Oral Medicine;* Bell, *Orofacial Pain.*

Radiology — D2201R: A series of lectures, laboratory exercises and clinical training covering the technical aspects of radiology, the hazards and safety of radiation and normal radiographic anatomy of intraoral radiographs. *Text:* Goaz and White, *Oral Radiology Principles and*

Interpretation. Reference Books: Langland, O.E.; Sippy, F.H.; and Langlais, R.P., *Textbook of Dental Radiology*, second edition.

Radiology 3rd Year — D3205A: Third year students receive a series of lectures on differential radiographic interpretation and extra-oral radiographic techniques. The clinic training in radiographic technique and interpretation is included in D3202R. *Text:* Langlais, R.P., and Kasle, M.J.: *Exercises in Oral Radiographic Interpretation. Reference Books:* Goaz, P.W. and White, S.C., *Oral Radiology Principles and Interpretation.*

Division of Oral and Maxillofacial Surgery

Division Head: D.S. Precious

Oral Surgery — D2202A: A lecture/demonstration class of one lecture a week in the first term of second year. The classes and demonstrations cover the topics of all aspects of local anaesthesia. Final examination takes place upon completion of the course. *Text: Malamed, Handbook of Local Anaesthesia.*

Oral Surgery — D3203R: A lecture class of two lectures a week throughout third year. The lectures cover the topics of Clinical Therapeutics, Oral Surgery and orientation to General Anaesthesia. Examination takes place on completion of each component. *Texts:* Krugler, *Textbook of Oral and Maxillofacial Surgery;* Monheim, *General Anesthesia in Dental Practice. Reference Book:* Dingman and Natvig, *Surgery of Facial Fractures.*

Clinical Oral Surgery — D3204B: The undergraduate develops clinical skills by clinical oral surgery practice under supervision in the Oral Surgery Clinic in the Dental Building.

Oral Surgery — D4203R: This class throughout the fourth year consists of: 1. Patient health assessment. The first term is devoted to lectures by physicians and is designed to give the student a broad understanding of the problems and procedures involved in the practice of medicine and to prepare for intelligent cooperation with physicians and other health workers. The class also prepares the student to render a better health care service by recognizing the signs and symptoms of general diseases which require the services of a physician. This series of lectures is followed in the second term by seminars devoted to clinical management of patients with specific disease processes. 2. Surgical conferences are held weekly during the second term. These conferences permit the review of management of a broad range of current surgical procedures.

A comprehensive examination is held at the end of the year covering Patient Health Assessment, management of the hospitalized patient and principles involved in specific surgical problems. *Reference Book:* Collins and Crane, *Internal Medicine in Dental Practice.*

Clinical Oral Surgery — D4204R: (1) The undergraduate develops clinical skills by practising clinical oral surgery under supervision in the Oral Surgery Clinic in the Dental Building. This takes place during the first term of fourth year. (2) On a rotational basis, minor and major oral and maxillofacial surgery is demonstrated in the following affiliated hospitals: Victoria General Hospital, Izaak Walton Killam Hospital for Children, and the Canadian Forces Hospital. During the rotation an orientation to admission procedures, operating room protocol and support management of hospitalized patients is provided.

Department of Restorative Dentistry

Chairman of Department: D.V. Chaytor

Division of Endodontics

Division Head: S.M. Brayton

Endodontics — D2305B: A series of lectures once a week in the second term of second year in conjunction with demonstrations and laboratory periods dealing with the diseases and therapy of pulp tissues and adjacent structures. *Texts:* Cohen & Burns, *Pathways of the Pulp;* Serence et al, *Principles of Pre-Clinical Endodontics. Reference Books:* Serence et al, *Principles of Pre-Clinical Endodontics;* Bender and Seltzer, *The Dental Pulp.*

Endodontics — D3310A: A continuation of Endodontics D2306B consisting of one lecture a week in the first term of third year. More advanced aspects of Endodontics are discussed with emphasis on the clinical management of endodontically involved teeth. *Text:* Cohen & Burns, *Pathways of the Pulp.*

Endodontics — D4309B: A weekly seminar is devoted to Endodontics in the second term of fourth year.

Clinical Endodontics — D3309R and D4306R: Students are required to give treatment to a minimum number of patients in the third year of the dental course and to continue to treat endodontic cases during the fourth year.

Division of Operative Dentistry

Division Head: R.A. Bannerman

Dental Anatomy and Occlusion — D1301R: This class consists of lecture and laboratory periods in the first year. It covers the macroscopic or gross anatomy of the individual teeth; their anatomy on cross section; a study of physiologic tooth form, the alignment of the teeth in the jaws, and an introduction to the study of the occlusion of the teeth in the various jaw relations. Lectures are supplemented by laboratory periods in tooth and Functional Wax-up Techniques. *Texts:* Kraus, Jordan & Abrams, *Dental Anatomy and Occlusion;* Linek, *Tooth Carving Manual. Reference Book:* Wheeler, *Dental Anatomy, Physiology and Occlusion* (5th ed.).

Operative Dentistry — D1303R: These classes consist of lectures and laboratory periods commencing the first year. The student is introduced to diseases of the teeth, their cause and prevention, as well as the fundamental methods of restoring lost tooth structure. Instruction is also given in the restoration of teeth with full or partial veneer crowns of metal, porcelain or plastic either separately or in combination.
Clinical practice commences in second year. *Texts:* Gilmore, Lund, Boles and Bernettie, *Operative Dentistry* (3rd ed.); Baum, Phillips and Lund, *Textbook of Operative Dentistry* (1st ed.).

Operative Dentistry — D3303A: During the first term of third year a seminar/lecture course in Operative Dentistry is conducted which emphasizes the clinical applications of the fundamental principles outlined in the previous years and introduces several concepts not previously presented.

Clinical Operative Dentistry — D3304R and D4301R: These two classes, conducted throughout the academic year during third and fourth year, enable the student to develop skills in rendering operative dental treatment to patients. During the third year, emphasis is on each student gaining technical experience in many different restorative procedures while in fourth year, the focus is on the student's ability to manage operative situations.

Fixed Partial Prosthodontics — D2303R: This class consists of weekly lecture-laboratory periods throughout second year. The content consists of the fundamental principles and techniques for the construction of fixed prostheses for replacing missing natural teeth. Instruction is also given in diagnosis and design of fixed partial dentures as well as in the associated areas of dealing with commercial dental laboratories, trouble shooting and clinical management of fixed restorative treatment. *Text:* Shillingburg, Hobo and Whitsett, *Fundamentals of Fixed Prosthodontics.*

Clinical Fixed Partial Prosthodontics — D3306B and D4307R: Throughout the third and fourth years of dental studies, students are provided with practical experience in the management of patients requiring full or partial crown restorations and simple types of fixed prostheses. Often the fixed restorative treatment is integrated with treatment rendered by other disciplines.

Restorative Dentistry Seminar — D4308R: Taking a problem-oriented approach, this seminar program is intended to cover some of the more important aspects of the clinical management of restorative dental problems drawing upon the student's previous background in restorative dentistry clinic experience including patient management and the literature on these subjects.

Division of Dental Biomaterials Science
Division Head: D.W. Jones

Dental Biomaterials Science — D1302R, D2306A: Approximately 105 hours of lecture, demonstration and laboratory instruction are given in the first and second years. The course aims to provide the graduating dentist with a firm foundation for understanding the properties and behaviour of materials used in Dentistry and their interaction with the oral environment. This background should enable materials to be selected and used to the best advantage. The first part of the program concentrates upon the relationship between structure and properties of materials. The student with this fundamental background will thus be able to cope with the understanding of any new materials which may be developed in future years. It provides a scientific basis for the discriminating selection of materials for future dental practice. In addition the program is intended to provide the dental student with information needed to interpret the laboratory and clinical behaviour of dental materials and to understand the technical procedures used in their manipulation. In addition to the program given in the first and second years, a number of lectures are integrated into the 3rd year of the clinical program in order to emphasize the connection between fundamental properties and clinical applications of materials. In Fourth Year some 30 hours of seminars are conducted jointly with other divisions covering the clinical applications of dental materials. *Text:* Phillips, *Science of Dental Materials* (8th ed.). *Reference Books:* Craig, *Restorative Dental Materials* (6th ed.); Greener et al, *Materials Science in Dentistry;* Anderson, *Applied Dental Materials* (5th ed.).

Division of General Dentistry
Division Head: W.A. McInnis

Introduction to General Dentistry — D2307R: This full year course in second year is designed to introduce the student to comprehensive clinical dentistry. The didactic classes followed by clinical sessions reinforce and integrate the varous disciplines in preparation for patient treatment.

Diagnosis and Treatment Planning — D4313R: Practical experience in developing a diagnostic data base and appropriate treatment planning for the students' patient family.

Patient Care — D4314R: This course provides the opportunity for students to systematically deliver specific treatment to their patient family.

Comprehensive Care — D4315R: A recently developed clinical course which emphasizes a Faculty commitment to comprehensive integrated therapy with the objective of inculcating in students an appreciation and commitment to comprehensive, integrated patient care.

Patient Management — D4316R: A series of seminar and clinical activites that focuses on developing in students the ability to reflect on the quality and type of care they deliver, to summarize the success and limitations of the care they provide and to communicate this information to professional colleagues. Inherent in this is the assessment of their patient management capabilities.

Division of Removable Prosthodontics
Division Head: R.E. Hoar

Removable Prosthodontics — D2301R: A series of lectures, seminars, demonstrations, laboratory and clinical experiences dealing with the fundamental principles and techniques of treating the partially endentulous and totally endentulous patient, by using Removable Prostheses. *Text:* Hickey, Zarb & Bolender, *Boucher's Prosthodontic Treatment for Endentulous Patients* (9th ed.); Stewart, Rudd, Kuebker, *Clinical Removable Partial Prosthodontics* (1st ed.).

Removable Prosthodontics — D3301R: A lecture seminar series conducted once each week aimed at augmenting and developing more extensively the principles, and concepts, of Removable Prosthodontic treatment. *Text: Journal of Prosthetic Dentistry.*

Removable Prosthodontics — D4302A: This is a weekly lecture seminar series aimed at clarifying areas of concern, exploring areas of controversy and correlating clinical experience in Removable Prosthodontics. Offered in part with other Divisions. *Text: Journal of Prosthetic Dentistry.*

Clinical Removable Prosthodontics — D3302R and D4303R: Practical experience in the treatment of patients requiring removable prostheses for the replacement of missing teeth and contiguous tissues.

Dental Oncology — D4311R: A lecture series conducted once each week during the first term, aimed at familiarizing the students with the dental health care needs of the cancer patient.

Division of Periodontics
Division Head: C.A. Bain

Introduction to Periodontics — D1304B: One lecture a week for the last 10 weeks of first year as an introduction to the understanding of periodontal health and disease. *Text:* Lindhe, *Textbook of Clinical Periodontology.*

Periodontics — D2304R: One lecture a week is given throughout the second year on the nature and clinical features of periodontal disease. The clinical management of periodontal disease is introduced.
Periodontics — D3307R: One lecture a week is given throughout the third year. The class emphasizes the clinical management of patients with periodontal disease. *Text:* Goldman, *Atlas of Surgical Management of Periodontal Disease. Reference Books:* Orban's, *Periodontics;* Goldman, *Periodontal Therapy;* Prichard, *Advanced Periodontal Disease,* Glickman's *Clinical Periodontology.*

Periodontics — D4304A: This class of one hour per week in the first term of the final year is a seminar program stressing topics of a practical clinical nature.

Clinical Periodontics — D3308R and D4305R: Practical experience in the treatment of patients requiring periodontal care in the second, third and fourth years.

Department of Pediatric and Community Dentistry
Chairman of Department: W.B. Barro

Division of Orthodontics
Division Head: W.B. Barro

Preclinical Orthodontics: Orthodontics together with the related subject Pediatric Dentistry covers the field of management of the dental problems of the child patient.

Orthodontics — D1402A: A series of lectures introduced in the first semester of first year, designed to acquaint the student with the general principles of growth and development of the dento-facial complex. Particular emphasis is placed on the normal development of occlusion. *Text:* Moyers, *Handbook of Orthodontics* (3rd ed.), 1973.

Orthodontics — D2401R: These lectures continue throughout the students' second dental year. Whereas the first series of lectures attempted to define *normal* growth and development of the cranio-facial morphology, these lectures illustrate factors dealing with the development of *abnormal* growth and development. Thus the cause of skeletal and dental malformation, and the classification of the types of skeletal, dental and functional malformations are discussed. An attempt is made to relate the varying degrees of abnormal facial and occlusal development to the norm. Orthodontic laboratory techniques are taught in a three-hour session per week of the first term of second year. Through lectures, demonstrations and practical work the basic principles governing the design and construction of removable and fixed appliances are introduced. Emphasis is placed on the prevention of malocclusion and the control of tooth movement. Preclinical demonstrations of orthodontic techniques are introduced in the second term of second year. This series of demonstrations and workshop activities is intended to bridge the gap between theory and clinical orthodontic practice.

A series of orthodontic treatment lectures is given in the second term of second year. These are intended to deal with the theoretical and practical problems of applying the principles of removable and fixed appliances to the various general and specific orthodontic problems found in the third and fourth year clinical practice. *Texts:* Moyers, *Handbook of Orthodontics* (3rd ed.), Sims, *Minor Tooth Movement in Children*, 1972.

Clinical Orthodontics — D3401R: The third year students are introduced to clinical orthodontics for a two hour period throughout the year and apply the principles taught in first and second year to treat their patients. The students rotate through this clinic to observe and discuss the diagnosis and treatment of all patients undergoing treatment. The latter part of the second term is devoted to the continuation of treatment for their patient as well as the treatment of patients transferred from the fourth year student.

Orthodontics — D3402B: A series of lectures in 3rd year introducing the student to the principles of orthodontic differential diagnosis and treatment.

Orthodontics — D4401B and D4403R: Clinical orthodontic practice continues through the whole of the final year of the dental course. Seminars are conducted throughout the year on the basis of reviewing the whole orthodontic course and placing this knowledge in the perspective of the overall dental treatment requirements of the patient.

Division of Pediatric Dentistry

Division Head: D.S. Richardson

Pediatric Dentistry — D2403B: Study models, radiographs, clinical photos, and diagrams will used to simulate *patients* in this pre-clinical course. The student will be expected to recognise normal development of the dentition and variations from normal on these *patients*. In addition, the student will be expected to outline a plan of treatment for these *patients*, including timing of treatment, appliances (in this course limited to fixed space maintainers and habit control appliances) and justification and goals of treatment.

Pediatric Dentistry — D2405B: A series of weekly lectures in second term of second year covering theory and practice of Dentistry for Children, and patients with special needs. *Text:* Braham and Morris, *Textbook of Pediatric Dentistry.*

Pediatric Dentistry — D3407R: A series of lectures in the third dental year which deals with advanced theory and clinical procedures in the practice of Dentistry for Children. A term paper is required. *Text:* Braham and Morris, *Textbook of Pediatric Dentistry.*

Pediatric Dentistry — D4408A: A seminar program designed to cover selected topic areas in children's Dentistry. The topics are discussed in detail and serve as a review of information presented in second and third year. An opportunity is provided for students to relate their clinical experiences to their didactic knowledge on Dentistry for Children.

Clinical Pediatric Dentistry — D3404R: Clinical experience in Dentistry for Children is gained in the Faculty clinic. The first term is devoted to a self-paced typodont exercise module done in the clinic. The student is assigned children and adolescent patients upon successful completion of the module. An initial examination or recall examination is done for each patient and a treatment plan is drawn up. All required treatment is done by the student within the assigned clinic.

Clinical Pediatric Dentistry — D4404R: The senior dental students obtain clinical experience in diagnosis and dental treatment of children and adolescent patients within the Faculty clinic, mobile clinic and on a rotation within the Dental Department at The Izaak Walton Killam Hospital for Children. An attempt is made by the Division to assign a variety of children and adolescents so that the senior student may gain experience in examination and treatment of normal patients, special needs patients, medically compromised patients and patients with facial growth and development problems. Handbook — Division of Pediatric Dentistry.

Division of Community Dentistry

Division Head:

Communications — D1401B: The two semester sequence of communication classes focuses on macro-and micro-orientations to basic communication problems. The first of the two classes focuses upon two general topics, the profession of dentistry and the scientific method. Examples of topics discussed in lecture include a history of dentistry, dentistry on the international, national, provincial, and local levels, and the scientific approach to the acquisition of knowledge. *Required Textbook:* Young & Striffler, *The Dentist, His Practice, and His Community.*

Communications — D2402A: This series of lectures focuses upon the dentist-patient relationship and specific communication problems inherent to it. Topics discussed in lecture include basic communication skills, management of anxiety, and patient motivation. *Required Textbook:* Ingersoll, *Behavioural Aspects in Dentistry.*

Community Awareness Program — D2406R, D3408R, D4407R: During the final three years students will have to select four (4) extramural activities from a wide variety of field experiences each of which is designed to prepare them for their role as a dental health care professional and as a leader in lay communities. All extramural activities will be co-ordinated through Community Dentistry and three of the four activities will have to be completed by the end of the third year.

Preventive Dentistry — D2404R: Preventive Dentistry is a two semester sequence of lectures discussing problems and theories in the field of preventive dentistry. Topics discussed include a broad overview of the problems of dental disease, use of fluorides in preventive dentistry, control of plaque, oral hygiene instruction, and diet and nutrition.

Dental Public Health — D3403B: Dental Public Health is presented as a series of lectures and seminars discussing current issues in dental public health. Students are encouraged to further their understanding of a specific issue by researching and reporting a topic of their choice.

Ethics — D3406A: Dental Ethics is presented in a series of lectures and seminars on the theory and important principles of ethics. Topics discussed include respect for autonomy, paternalism, utilitarianism, and models of health and disease.

Jurisprudence — D4402B: Jurisprudence is presented in a series of lectures which discuss such topics as principles of law, dental malpractice, standards of care and negligence, consent to treatment, patient records, licensure and discipline, and malpractice insurance.

Practice Management (Basic) — D3405B: Dental Practice Management is presented as a two semester sequence of lectures. Topics discussed in the first semester include an overview of the management process, how to get a small business started, financial considerations, selection of equipment and supplies, and marketing.

Practice Management (Advanced) — D4405A: The second series of lectures in this two semester sequence continues a discussion of topics essential to an understanding of practice management. Topics discussed include personnel, office systems and processes, developing and evaluating other sources of expertise, and planning for the future. A summary of the two semester sequence is presented.

Interdisciplinary Courses

Occlusion II — D2302B, D3305A: A lecture course is presented by specialists in various dental fields to review the basic concepts of occlusion and the interrelationship between dental, skeletal, neuromuscular form and function.

Patient Management Seminar — D4310R, D3311R: A series of monthly seminars which focus on clinical patient care activities of third and fourth year dental students as well as second year dental hygiene students. Management of patients and chart audits provide a focus for assessing the management capabilities of students.

Geriatric Dental Care: This is a series of lectures concerning relevant topics which are integrated and sequenced into the appropriate scientific and clinical courses currently offered in the four year dental program. The goal of the sequence is to develop within the student a true understanding of the aging process, physiologically and psychosocially, as well as the clinical skills and treatment procedures they must possess in order to provide dental care to this growing segment of the population.

Clinical Practice: During the third and fourth years of the course, a large portion of the student's time is devoted to clinical practice. The conditions of a private practice of dentistry are simulated as closely as possible, including the effective use of auxiliary personnel. Students are encouraged to carry out complete treatment for each patient. Before graduation, students are required to demonstrate a satisfactory proficiency in all phases of general dental practice.

During the clinical years emphasis is placed upon the demonstration and seminar method of teaching. Senior students, on a rotation basis, are required as part of their clinical training to deal with emergency calls, under supervision, in order that after-hour professional responsibility may become an integral part of their clinical practice.

In addition to the experience gained in the dental clinic, a program is arranged for extra-mural training and experience in affiliated hospitals.

Table Clinic D3601B: Students in their third year will prepare and present a table clinic on a topic of interest in research or clinical practise. The presentation is graded on a pass/fail basis. All presentations are judged in a public presentation for prizes. The winner is supported for travel to the National Convention of the Canadian Dental Association for the annual presentation of table clinics by representative students from all Canadian Faculties of Dentistry.

Elective Program — D1502R, D2504R, D3505R, D4507R: This program is offered in all years. It is designed to allow students to pursue, in depth, dentally related and to a lesser extent other topics of their particular interest that are not covered in other scheduled courses.

Dentistry

Graduate Studies in Oral and Maxillofacial Surgery

The division of Oral and Maxillofacial Surgery offers a four-year graduate program leading to the degree of Master of Science. Graduates of this program are eligible for examination by the Royal College of Dentists (Canada). Details covering the program are contained in the Calendar of the Faculty of Graduate Studies.

Graduate Biomaterials Course Part I and Part II — D5301R (Dalhousie) BME 6350 (Technical University of Nova Scotia): This is a full credit course (6 credit hours) of combined lecture, seminar and reading assignments at the PhD, MSc level. The course provides an applied and working understanding of the fundamental nature and behaviour of selected biomaterials used as artificial substitutes for natural tissues. The course will cover various aspects of materials science and biocompatibility of materials used in, on and about the body. Consideration will be given to evaluation of the effects of the body on materials as well as the effect of materials on the body tissues. Part I of the course (3 credit hours) will cover fundamental principles, whilst Part II will cover the material in greater depth using specific examples.

Post-Graduate Program in Periodontics

Department of Restorative Dentistry

Chairman of Department: D.V. Chaytor

Division of Periodontics

Acting Division Head: J.D. Sterrett

Program Director
D.G. Pentz

Faculty
Members of the Faculty of Dentistry
Members of the Faculty of Medicine
Members of the Faculty of Arts and Science

The post-graduate program in Periodontics is of two years duration. It is structured to provide students with the clinical and didactic experience which is necessary for the practice and teaching of Periodontics. On successful completion of the program, candidates are awarded a Certificate and are eligible for examination by the Royal College of Dentists of Canada.

Admission Requirements

To be eligible for admission, candidates must hold a DDS or DMD degree from a dental school recognized as accredited by the Council of Education of the Canadian Dental Association, or its equivalent. Criteria used in selection include past academic performance and professional experience. In addition, letters of recommendation are required as well as a personal interview. The selection process is coordinated by the Advanced Education Committee working in conjunction with the Division of Periodontics.

The program begins annually in early September. Completed applications must be received by the preceding November 30th.

Post-graduate Program Requirements

1. Satisfactory completion or credit for the prescribed courses.
2. Attainment of satisfactory clinical knowledge and skills in the field of Periodontics.
3. Satisfactory completion of a research study and its successful defence before a committee struck by the Program Director.

Classes

Year 1	
Clinical Practice	D5009R
Clinical Seminars	D5001R
Biological Basis of Periodontics	D5004R
Periodontal Histopathology	D5006R
Developmental Biology	D5000R
Pharmacology	D5003R
Oral Pathology	D5008R
Biostatistics	D5001R
Anatomy and Radiology	D5002R
Orthodontics in Periodontal Practice	D5005R
Physical Diagnosis and Medicine	D5010R
Microbiology	D5007R
Research	D5012R
Year 2	
Clinical Practice	D6006R
Clinical Seminars	D6005R
Biological Basis of Periodontics	D6001R
Oral Pathology	D6003R
Human Behavior	D6002R
Ethics	D6004R
Elective	D6007R
Research	D6008R

Tuition

Refer to Schedule of Fees for more information regarding academic and related fees.

Instruments, Equipment and Books

Larger items of equipment are provided on loan by the University. All hand instruments, textbooks, and required photographic equipment must be provided by the student.

Shortly after acceptance into the post-graduate program, the student receives a detailed list of required instruments and photographic equipment.

Students should delay purchasing textbooks until they commence the program.

Continuing Education

Assistant Dean Alumni Affairs and Continuing Education: D.P. Cunningham

Director: K. MacDonald

The Faculty of Dentistry operates an office for Alumni Affairs and Continuing Education which organizes short courses for dentists, dental hygienists and other auxiliaries. The principal objectives of these courses are the review of basic knowledge and the introduction of new information, concepts and practices. Members of the Faculty, local resource people and visiting clinicians are employed. While in the past most of these courses have been offered in Halifax an increasing number are being offered in other centers. Clinical half days and the provision of speakers are also arranged through this office. The content, location and scheduling of the various offerings are based on advice received from faculty, the committee for Continuing Education of the Faculty, and from an advisory panel consisting principally of representatives of dental and dental hygiene organizations in the Atlantic Provinces. Alumni events are scheduled with advice from the Alumni Relations Committee. The tuition fees charged are cost related and are set individually for each course.

Interested persons should address inquiries to: Alumni Affairs and Continuing Education in Dentistry, Faculty of Dentistry, Dalhousie University, Halifax, Nova Scotia, B3H 3J5. Phone: (902) 424-2248 or 6507.

School of Dental Hygiene

Faculty of Dentistry, Dalhousie University, Halifax, N.S. B3H 3J5

Faculty 1987-88

Professor
M.G.E. Forgay, Dip DH (Eastman), BA (Sask), BEd (Man.), MA (UBC), Professor and Director of School of Dental Hygiene

Associate Professor
K.F. MacDonald, Dip DH (Forsyth), BS (Boston), MEd (Dal)

Assistant Professor
G.M. Butt, Dip DH (Dal), BA (St. Mary's), MEd (Queen's)

Lecturers
E. Andrews, Dip DH (Dal), RDA (NSIT), BSc (Acadia)
D. Chalmers, Dip DH (Dal), BSc (Dal)
P. Grant, Dip DH (Dal), BA (St. Mary's)
M.E. Kinnear, Dip DH (Dal)
D. A. MacDonald, Dip DH (Dal)
T. Mitchell, Dip DH (Dal), BSc (Dal)
N. Prowse, Dip DH (Dal), BSc (Acadia)
G. Steeves, Dip DH (Dal)

Instructors
T. Harris, Dip DH (Dal)
C. Keyser, Dip DH (Dal)
D. Morash, Dip DH (Dal)

Dental Hygiene was first offered as a formal educational program in 1913 at the Fones Clinic in Bridgeport, Connecticut, USA. Since then the profession has grown steadily and there are now more than two hundred dental hygiene programs in North America. In recent years, the movement has spread to other countries as well. In 1961 a diploma course in dental hygiene was established in the Faculty of Dentistry, Dalhousie University.

Dental hygienists are health professionals educated to prevent dental disease and help people maintain oral health. Their activities in dental health promotion are both clinical and educational and take place in private dental offices, schools, clinics, hospitals and other settings in the community.

Most dental hygienists are employed in private dental offices. There are, however, other areas of practice such as local governments and schools, provincial and federal government departments, industry, hospitals and teaching in schools of dental hygiene.

Courses in the program in dental hygiene are offered within the Faculties of Arts and Science, Medicine and Dentistry. The School of Dental Hygiene is located on Carleton Campus at Dalhousie University.

University regulations applicable to the students of all Faculties are found in the general section of this Calendar.

Provincial Regulations

Students are reminded that the Diploma in Dental Hygiene is not the only requirement for admission to practice in any province. The regulations for admission to practice are established by the licensing board of the province in which the person desires to practice. Information on these requirements may be obtained from the respective licensing boards whose names and addresses may be obtained from the School of Dental Hygiene.

Diploma

The two-year program leads to a Diploma in Dental Hygiene.

Admission

Applicants must have completed Nova Scotia Grade XII (or its equivalent) with high standing in five academic subjects including Chemistry, Biology and English, (applicants whose native language is French may substitute classes in French for classes in English. However, instruction at Dalhousie is in English and the applicant must be proficient in English.)
The remaining two subjects may be chosen from Mathematics, Sciences, History and Languages. One of the two subjects, however, may be chosen from additional subjects not mentioned above, offered in high schools and approved through the Faculty of Arts and Science.

Applicants who have completed the entrance requirements and who are mature applicants, members of a minority group and/or have significant related health professions background may be requested to submit additional information in support of their application for review by the Admissions Committee.

Admission of Applicants from the U.S.A.

Further information can be obtained by writing to the Admissions Office at Dalhousie.

Note

The admission requirements for entrance to the School of Dental Hygiene will change commencing in 1989. Applicants must have completed at least five full credit university level courses including classes in biology, psychology, sociology, an approved writing course, and one elective. Applicants must have grade 12 chemistry or equivalent.

Application Procedure

Persons who have satisfied the entrance requirements may apply for admission. Applications must be made on the regular application forms, and must be submitted to the Office of the Registrar by February 1st in order to be considered for admission in the following academic year. Applications must be complete to be considered by the Admissions Committee. However, applications filed by the deadline can be completed any time up to June 30th and will be considered when completed if unfilled places remain in the entering class. Preference will be given to residents of the Atlantic provinces, but applications by qualified students from other provinces or countries will be considered. Up to 10% of first year positions may be allocated to applicants from outside the Atlantic region.

A new application form must be submitted each year in which application is made. Official transcripts in support of the academic record must be forwarded by the institution or institutions at which the applicant completed pre-profession studies. If the applicant is still engaged in university studies, it would be advantageous to forward an interim transcript. However, a final transcript must be forwarded on completion of these credits.

To ensure physical and mental fitness, medical and dental certificates must be completed on behalf of each applicant on forms provided during the admissions process.

An application will not be considered if the applicant has been required to withdraw from studies at any other School of Dental Hygiene at the request of the Faculty of that institution, unless the application is supported by a recommendation from the Director of that School. In exceptional circumstances, certain of these regulations may be waived or modified by the Faculty Admissions Committee.

Applicants may be requested to make themselves available for an interview or orientation program.

Academic Year

The academic year for the first year in Dental Hygiene begins in early September and continues until the latter part of May. The academic year for the second year in Dental Hygiene begins early September and continues until the latter part of April. Classes begin immediately after the regular registration date. Late registration will be permitted only under exceptional circumstances and with the approval of the Dean.

Class Work and Promotion

Students must prepare such exercises, reports, etc., as may be prescribed, and in classes involving laboratory or practical work they must complete such work satisfactorily before any credit for that class can be given.

A student will not be permitted to enter the class of any year until she/he has passed in all subjects of the previous year.

Examinations

In order to qualify for admission to examinations, candidates must attend the prescribed classes of the curriculum regularly and punctually. Under ordinary circumstances, candidates will not be considered qualified for admission to examinations if absences have exceeded 10% of the prescribed class hours.

Course Grades

Upon completion of a course a student is awarded a grade of A, B, C, D, FM, or F. In this system A is the highest passing grade and D is the lowest passing grade; FM is a failing grade that allows an otherwise qualified candidate to take a supplemental evaluation; F is a failing grade disqualifying the student from further evaluation without repeating the course and the entire academic year.

The Faculty concerned is responsible for defining the requirements for grades, A, B, C, D, FM andF. If Faculty also wish to award one of the grades: A+, A-, B+, B- in a clincal course, definitions of these requirements must be available as well.

Grade Point Equivalents and Averages

Grade point equivalents are used to calculate grade point averages.

Grade	Point Equivalent
A (A+, A-)	4
B (B+, B-)	3
C	2
D	1
FM, F	0

Calculation of Average

Each course is assigned a weight based on its length and the mix of lecture, laboratory or clinical components. An individual student's point equivalent for each course is multiplied by the course weight. The student's grade point average is calculated by adding up the weighted grade point equivalents earned for all the separately numbered courses for the academic program year and dividing by the sum of the course weights for all classes.

Supplemental Examinations

A candidate who has received FM grades in not more than two subjects of any year and who has attained the required grade point average of 2, is entitled to supplemental examinations in such subjects, provided she/he is qualified in attendance and class work for admission to examination. A candidate who has failed in more than two subjects in any one year or who has received an F grade in any course or has received a grade point average less than 2, does not receive any credit for work done in that year.

Supplemental examinations are held on the day specified in the academic Calendar, and during the regular examinations in the Spring, but at no other times and are written at Dalhousie unless approval is obtained to do otherwise.

Other forms of supplemental evaluations may be prescribed for different aspects of the program such as laboratory and clinical assignments. These are carried out in periods determined by the Faculty.

Application for admission to a supplemental examination must be made on or before July 15th on the application form which may be obtained from the School of Dental Hygiene Office and must be accompanied by the proper fees.

On passing a supplemental examination or evaluation the candidate receives no higher than the lowest passing grade.

Promotion and Graduation

First-year students are not promoted unless they have passed all subjects and obtained a grade point average of 2.0. If a student has a grade point average of 2.0 or greater, and, after supplemental examinations are completed, has not more than one failure; the student may register for that one course and any courses in which the final grade (supplementals excepted) was D in the next regular session. If a grade of C or better is earned in the repeated course(s), the student will be promoted to second year. A student thus repeating a course(s) is not permitted to register concurrently for any other courses offered by the School of Dental Hygiene. Before proceeding to second year, the student must demonstrate an appropriate level of competence in clinical skills.

Students in second year cannot graduate unless they have passed all subjects, obtained a grade point average of 2.0 in all clinical subjects, a grade point average of 2.0 in all didactic subjects. If a student has an overall grade point average of 2.0 or greater and, after supplemental examinations are completed, has not more than one failure, the student may register for that one course and any courses in which the final grade (supplementals excepted) was D in the next regular session. If a grade of C or better is earned in the repeated course(s), the student will be recommended for graduation. Such students must make arrangements for and demonstrate continuing clinical competence.

Instruments, Equipment, Textbooks

All instruments, equipment, and supplies are provided on loan by the University. Students are responsible for broken or damaged equipment and instruments. There is a $250.00 fee for the use of instruments. Students must purchase uniforms and lab coats as specified as well as the textbooks required for each of the classes.

Students desiring further information may write to the Director, School of Dental Hygiene, Dalhousie University. Those desiring to submit applications for admission should write directly to the Office of the Registrar, Studley Campus, Dalhousie University, Halifax, Nova Scotia, B3H 3J5.

Academic Program

The following classes are required for a Diploma in Dental Hygiene:

First Year

Dental Anatomy — DH1706A: Structure of human teeth: reproductions of tooth forms by drawings and carvings.

Preclinical Dental Hygiene (1) — DH1703R: Objectives and principles of oral hygiene, instrumentation in oral prophylaxis, laboratory and clinical practice of techniques.

Dental Biomaterials Science — DH1709B: Study of materials used in dentistry; lectures, demonstrations, and laboratory exercises. The class on Dental Biomaterials for the dental hygiene students is approximately 40 hours. Emphasis is placed upon instructing the student as to the reasons why specific materials are employed, and the ways in which these materials react to the oral environment.

English: An introductory class in University English. (See English 1000 in the Arts and Science section of the Combined Undergraduate Calendar) or approved alternate writing course.

Oral Biology — DH1705R: The objective of this class is to introduce the subject of craniofacial embryology and histology and to make it clinically relevant by correlating developmental, microscopic, anatomic, and clinical aspects of the subject. Both developmental and pathologic correlates are discussed. This class is offered jointly by the Department of Oral Biology, Faculty of Dentistry and the Department of Anatomy, Faculty of Medicine for both first year dental students and first year hygiene students jointly.

Anatomy — 103C: This class is taught by the Department of Anatomy in the Faculty of Medicine and designed especially for Dental Hygiene students. Scope and sequence are co-ordinated with Physiology 101C which is taken concurrently.

Physiology — 101C: This class is taught by the Department of Physiology and Biophysics in the Faculty of Medicine. The lectures are coordinated with Anatomy 103C which is taken concurrently.

Microbiology — 1109A: Study of microorganisms.

Periodontics — DH1701R: An introduction to Periodontology, the study of diseases affecting supporting structures of the teeth.

Radiology — DH1702R: A series of lectures, laboratory exercises and clinical training, covering the technical aspects of radiology and the hazards and safety of radiation.

Dental Hygiene Restorative — DH1707B: Instruction in restorative procedures. This class includes lecture and laboratory procedures in the placing, contouring and finishing of all plastic restorations in prepared teeth.

Psychology: A special class to meet the needs of the profession commencing in second term and continuing in second year.

Nutrition and Biochemistry — DH1708B: Aspects of Biochemistry relevant to nutrition are discussed in connection with each nutrient.

Dental Health Education — DH1704R: Introduction to recent oral hygiene concepts. Using simple patient simulation exercises, students are encouraged to develop dynamic approaches to patient education.

In addition to the courses listed, students are required to obtain certification in CPR.

Second Year

Clinical Dental Hygiene — DH2706R: Clinical practice in dental hygiene care.

Dental Specialties — DH2701R: Idiosyncrasies of treatment within the dental specialties.

Pharmacology — DH2715B: Pharmacology of drugs used in dentistry.

General and Oral Pathology — DH2702R: The study of the basic principles concerning disease in general and those affecting the hard and soft tissue structures of the oral cavity in particular. Rotation to the Mouth Clinic and clinical aspects of diseases of the mouth are included in this class.

Sociology: See Sociology 1000, in Faculty of Arts and Science Calendar.

Applied Nutrition for Preventive Dentistry — DH2704A: Concerned with the changing nutritional needs throughout the life cycle with particular emphasis to their application in preventive dentistry. Also concerned are some of the socio-economic and cultural determinants of food habits.

Periodontics — DH2709R: Continuation of the study of oral manifestation of disease affecting supporting structures of the teeth, commenced in the first year.

Psychology — DH2710A: Continuation of the relation begun in first year of this subject area to the specific needs of the profession.

Orientation to Dental Practice — DH2717B: A series of lectures on topics in practice management of special interest to the dental hygienist, including an introduction to principles of management, selection of personnel, job hunting skills, management skills, office systems and processes, and professionalism.

Dental Hygiene Jurisprudence — DH2716B: A series of lectures on topics relating to the responsibilities of both the dentist and the dental hygienist, including principles of law, dental standards, interpersonal legal relations, consent to treatment, patient records, licensure and discipline, human rights legislation, malpractice insurance, employment contracts, and the hygienist as expert witness.

Dental Hygiene Ethics — DH2712A: A series of lectures and seminars on ethics and their application in the dental hygiene field. Topics include beneficence, respect for autonomy, informed consent, paternalism, distribution of care, prevention vs. crisis treatment, and models of health and disease.

Community Oral Health Education — DH2711R: Program planning, instructional methods and media used in teaching oral health, including nutrition counselling related to dental disease control, smoking and oral health, and fluoridation. Extensive field experience is arranged.

Seminar on Special Needs Populations — DH2703B: Student discussions (seminar format) on selected populations including the elderly, the medically compromised patient, and the disabled. Second semester student presentations on topics of own choice.

Patient Management Seminars — DH2707R: A series of monthly seminars which focus on clinical patient care activities of third and fourth year dental students as well as second year dental hygiene students and dental assisting staff. Occasional chart audits provide a focus for assessing the management capabilities of students in each vertical group.

Dental Oncology — DH2705A: The study of dentistry in relation to the patient receiving cancer treatment.

Table Clinic DH2601B: Students in second year will prepare and present a table clinic on a topic of interest in research or clinical practice. The presentation is graded on a pass/fail basis. All presentations are judged in a public presentation for prizes.

In addition to the courses listed,, students are required to obtain a certificate in First Aid (St. John Ambulance) and to be re-certified in CPR.

Faculty Scholarships, Bursaries and Prizes

First Year Entrance Scholarships

A scholarship of $1,000 is awarded to the student entering the first year of Dentistry who has the highest scholastic standing in the imperative university courses required for admission into the Faculty of Dentistry according to Dalhousie University standards and provided that his average was not less than 75% and having had no subject below 50% in his university experience.

The Dr. James P.M. McGuigan Memorial Scholarship: This fund was established in 1983 to provide for an annual entrance scholarship to an academically accomplished student who is a resident of the Atlantic provinces and who shows evidence of actual financial need. A supplementary financial application will be sent by the Dental Admissions Committee to those who are to be given further consideration.

Undergraduate Scholarships

A scholarship of $1,000 is awarded to the student entering the second year of Dentistry who attained the highest scholastic standing in his first year of Dentistry at Dalhousie provided that his grade point average was not less than 3.0 with no subject below a grade of C.

A scholarship of $1,000 is awarded to the student entering the third year of Dentistry who attained the highest scholastic standing in his second year of Dentistry at Dalhousie provided that his grade point average was no less than 3.0 with no subject below a grade of C.

Entrance and In-Course Scholarships

Additional Entrance and In-Course Scholarships are available to Dental Hygiene Students and they are portable amongst other University Undergraduates Programs.

The Dr. I.K. Lubetsky Scholarship: A scholarship of $500.00 to the student of Third Year who has demonstrated the greatest proficiency in the practice of Clinical Oral Surgery, provided an overall grade point average of 3.0 has been achieved in that year.

Undergraduates Bursaries

The Dr. D. Brendan Macnell Bursary: The income from this recommendation of a committee of the Dental Faculty, to a member of the final year class at the commencement of the Fall term. It is awarded to the student who, in the opinion of the committee, shows evidence of actual financial need and who, by scholarship and attitude towards his responsibilities, has met the requirements of the award. Application deadline — November 30th.

The Dr. F.L. Miller Memorial Bursary: The income from this fund may be awarded annually to a second-year Dental Student who has demonstrated financial need. Preference is given, but not strictly limited to, a New Brunswick student.

The Sidney D. Campbell Memorial Bursary: The income from this fund may be awarded annually to a third-year dental student who has demonstrated financial need and who, by scholarship and character, appears deserving of this assistance. Application deadline —November 30th.

Gail Lynn Kaiser Memorial Bursary: $150 to be awarded in the fall of the 1987/88 academic year and the second in the fall of the 1988/89 academic year; to a second-year student in Dental Hygiene who has demonstrated financial need and has attained a good academic standing.

The Jennifer Wright Memorial Bursary: The income from this fund may be awarded annually to a second year Dental Hygiene student who has demonstrated financial need. Preference is given to, but not strictly limited to, a Nova Scotia student.

Government Subsidies

The Canadian Armed Forces have introduced a plan to assist dental students who enroll in the Canadian Forces Dental Services: in addition to pay and allowances for the rank in which the student is enrolled, provision is made for payment of tuition, instruments, supplies, and an allowance for books. Full details of the Dental Officer Training Plan may be obtained from the nearest Canadian Forces Recruiting Centre.

The governments of some Canadian provinces offer subsidies to dental students who agree to serve in the Department of Public Health for a specified number of years following graduation. Students should direct inquiries to the Department of Public Health in the Province in which they reside or intend to practice.

Prizes and Medals

Faculty is reviewing all Prizes and Awards as listed. These Prizes and Awards may be changed by Faculty without notice.

The following Prizes and Medals may be awarded on recommendation of faculty concerned. A student who does not pass in all subjects of that year is not eligible to receive prizes and awards. For purposes of determining prizes and awards, students with course waivers shall have their G.P.A. computed on the basis of only those required courses being taken. In instances where students appear to be tied for prizes and awards, Faculty may use additional information about the student's performance as a basis for determining the recipient.

Fourth Year Dentistry Students

University Medal in Dentistry: This medal is awarded on graduation to the student who has a grade point average of 3.0 or over in the final year and a grade point average of 2.5 or over in the entire professional course, or who in the opinion of the Faculty merits this award. A failure in any year makes a student ineligible. Only one medal will be awarded in any year, and other students reaching the medal standard receive "honourable mention" in order of merit.

CDA President's Award: Awarded to a graduating student from the undergraduate program who, over his/her undergraduate years, has shown outstanding qualities of leadership, scholarship, character, and humanity and who may be expected to have a distinguished career in the dental profession and society at large. Must be a student CDA member. Cash award of $250.

The Dr. Frank Woodbury Memorial Prize: For the highest average in all subjects: books to the approximate value of $100.

The Dr. Frank Woodbury Memorial Prize: For the second highest grade point average in all subjects: books to the approximate value of $50.

The Dr. Frank Woodbury Memorial Prize: For the greatest proficiency in Clinical Practice: books to the approximate value of $50.

The Dr. William W. Woodbury Memorial Prize: For greatest proficiency in Orthodontics: books to the approximate value of $50.

Dr. John W. Dobson Memorial Prize: For the greatest proficiency in Periodontics: a cash prize of $50 or books to that approximate value.

The Modern Dental Laboratory Prize: For greatest proficiency in Removable Prosthodontics: a book or books to the approximate value of $50.

The Quintessence Book Prize: For the highest marks in Oral Diagnosis: a book or books to the approximate value of $50.

The Canadian Society of Oral and Maxillofacial Surgeons Prize: For greatest proficiency in Oral Surgery in third and fourth year aggregate: selected book or books.

The American Association of Endodontists Prize: For exceptional ability in Endodontics: a one-year subscription to *Oral Surgery, Oral Medicine and Oral Pathology;* and a one-year Student Membership in the American Association of Endodontists.

The American Academy of Periodontology Prize: For the outstanding student in Periodontics: a one-year subscription to the *Journal of Periodontology.*

The Canadian Associated Laboratories Ltd. Prize: A final year award of a book selected by the donor and given to the student who demonstrates greatest proficiency in Clinical Fixed Prosthodontics.

The American Academy of Dental Radiology: For exceptional interest and accomplishment in Dental Radiology: membership in the Academy; and a one-year subscription to *Oral Surgery, Oral Medicine and Oral Pathology.*

The American Society of Dentistry for Children: For an outstanding student in Dentistry for Children: membership in the Society; and a one-year subscription to the *ASDC Journal of Dentistry for Children.*

The American Academy of Gold Foil Operators Prize: For outstanding qualities as a scholar and clinician in Operative Dentistry, with proficiency in accomplishing direct gold restorations: a one-year subscription to the *Journal of Operative Dentistry.*

American Academy of Oral Medicine Prize: For greatest proficiency in Oral Medicine: certificate of merit, one-year membership in the Academy of Oral Medicine, and a one year subscription to the Journal of Oral Medicine.

The Quintessence Award: For excellence in Clinical Achievement in Periodontics: a one-year subscription to the *International Journal of Periodontics and Restorative Dentistry.*

The Quintessence Award: For greatest proficiency in Clinical Practice in General Dentistry: a one-year subscription to the *International Journal of Periodontics and Restorative Dentistry.*

The Johnson and Johnson Prize: For proficiency and interest in Practice Management: a cash award of $100.00 donated by the Johnson and Johnson Company.

The Prince Edward Island Dental Association Prize: For greatest proficiency and interest in Dental Oncology: A cash award of $100.00.

Third Year Dentistry Students

The Dr. J. Stanley Bagnall Memorial Prize: For the highest grade point average in all subjects: books to the approximate value of $100.

The International College of Dentists Award (Canadian Section): For a combination of scholastic record, general character and participation in extracurricular activities during the third year; a cash award of $350. donated by the International College of Dentists (Canadian Section).

The Nova Scotia Dental Association Prize: For the second highest grade point average in all subjects: books to the approximate value of $50.

The Canadian Academy of Periodontology Prize: For the greatest proficiency in Periodontics: books to the approximate value of $85.

Atlantic Orthodontic Society Prize: For the greatest proficiency in theoretical and clinical Orthodontics: a book or books to the approximate value of $50.

The Dr. W.H.H. Beckwith Prize: For the greatest proficiency in Operative Dentistry: a book or books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Removable Prosthodontics: a book or books to the approximate value of $50.

The C.V. Mosby Book Prize: For the greatest proficiency in Fixed Partial Prosthodontic Technique: Certificate of award, selection of any one Mosby Book from selected list.

The Dr. F.A. Godsoe Prize: For the greatest proficiency in Systemic and Oral Pathology: a cash award of $150 donated by the New Brunswick Dental Society.

The W.B. Saunders Prize: For the most significant improvement in third year: a one-year subscription to *Dental Clinics of North America.*

The Halifax County Dental Society Award: For the best, second best and third best presentation in Table Clinic: cash awards of $75, $50 and $25 respectively.

Table Clinic Fourth Prize: For the fourth best presentation in Table Clinic: a cash award of $25.

Third-Year Clinic Practice Prize: For the greatest proficiency in clinical practice in the third year: cash or books to the approximate value of $50.

The Dr. D.E. Williams Prize: For the greatest proficiency in Clinical and Didactic Pedodontics: books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Dental Auxiliary Utilization: a book or books to the approximate value of $50.

The Johnson and Johnson Prize: For proficiency and interest in Dental Public Health: a cash award of $100 donated by the Johnson and Johnson Company.

Second Year Dentistry Students

***The Charles Bell Memorial Prize:** For the highest grade point average in all subjects: a book or books to the approximate value of $100.

***The Charles Bell Memorial Prize:** For the second highest grade point average in all subjects: a book or books to the approximate value of $50.

The C.V. Mosby Book Prize: For the greatest proficiency in Microbiology: Certificate of Award and selection of any one Mosby Book from selected book list.

The Canadian Associated Dental Laboratories Prize: For the greatest proficiency in Removable Prosthodontics: a book or books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Pharmacology: a cash award of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Orthodontics: a book or books to the approximate value of $50.

The Dr. David Manuel Memorial Prize: For the greatest proficiency in Introduction to General Dentistry: a book or books to the approximate value of $50.

The Quintessence Publishing Company Prize: For proficiency and interest in Preventive Dentistry: a book or books to the approximate value of $50.

First Year Dentistry Students

***The Charles Bell Memorial Prize:** For the highest grade point average in all subjects: a book or books to the approximate value of $100.

***The Charles Bell Memorial Prize:** For the second highest grade point average in all subjects: a book or books to the approximate value of $50.

The Dr. F.A. Godsoe Prize: For the greatest proficiency in Dental Anatomy: a cash award of $150 donated by the New Brunswick Dental Society.

The Dr. F.A. Godsoe Prize: For the greatest proficiency in Operative Dentistry: a cash award of $150.

The C.V. Mosby Book Prize: For the greatest proficiency in Biochemistry: a book or books to the approximate value of $50.

The Saint John Dental Society Prize: For the greatest proficiency in Physiology: a book or books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Anatomy: a book or books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Dental Biomaterials Science: a book or books to the approximate value of $50.

The Nova Scotia Dental Association Prize: For the greatest proficiency in Correlative Craniofacial Embryology and Histology: books to the approximate value of $50.

Second Year Dental Hygiene Students

The Katie Lubetzki Memorial Prize, donated by the Nova Scotia Dental Hygienists Association: For the highest grade point average in all subjects: a cash award of $100.

The Nova Scotia Dental Hygienist Association Prize: For second highest average in all subjects: a cash award of $50.

The Columbia Dentoform Prize: For greatest proficiency in patient management and patient education: a Columbia Dentoform Model.

The Nova Scotia Dental Hygienists Association Prize: For the best and second best Table Clinic presentation: a cash award of $60 and $40 (or half these amounts in the case of two students working together).

The Anne Rafuse Memorial Prize: For the greatest academic and social contribution to the class: a book or books to the approximate value of $50.

The Alice Hartien Memorial Prize: For the student demonstrating the greatest originality and creativity in community projects in the Health Education Course, a cash award of $50.

The Johnson and Johnson Prize: For proficiency in Community Dentistry courses: a cash award of $100 donated by the Johnson and Johnson Company.

The Halifax County Dental Society Prize: For the greatest proficiency in clinical Dental Hygiene, a cash award of $50.

First Year Dental Hygiene Students

The Katie Lubetzki Memorial Prize, donated by the Nova Scotia Dental Hygienists Association: For the highest grade point average in all subjects: a cash award of $100.

The Halifax County Dental Society Prize: For the second highest grade point average in all subjects, a cash of $50.

The Nova Scotia Dental Association Prize: For greatest proficiency in Pre-Clinical Dental Hygiene: a $50 cash award.

The Liza Van Alphen Memorial Award: Presented in recognition of sound academic standing and professional excellence, in tribute to a person of integrity and sincerity. A cash award of $150.

All Years

Academy of Dentistry for the Handicapped Award: This is an award available to the student or group of students, who have demonstrated a sincere interest and concern for the dental needs of the handicapped and special patients. Applications and details are available from the Academic Awards Committee.

***Note:** These prizes have been supplemented from funds provided through an annual contribution of the Nova Scotia Dental Association.

Loan Funds

University Loans: The amount of money available for loans to students in Dentistry is quite limited. Loans are available to students in any year of study. Applications for such loans may be made to the Awards Office.

University loans bear interest from the first of the month immediately following graduation, or in the case of a student who does not continue his course, from the date of his last attendance. All loans are secured by a note signed by the student and co-signed by a person who is satisfactory to the university. All loans are to be repaid within one year from the date interest begins.

An information brochure is available from the Awards Office.

Canada Student Loans: Information concerning Canada Student Loans is available from chartered Canadian banks and the Dalhousie Awards Office.

Academic Staff 1987/1988

Dean
Kenneth L. Zakariasen, BA (Minn.), DDS (Minn.), MS, Cert. Endo. (Minn), PhD (Minn.)

Dean Emeritus
James D. MacLean, DDS (Tor.), FICD, FACD, FRCD(C), FADI, Professor of Fixed Partial Prosthodontics and a member of Faculty from 1952

Associate Dean for Academic Affairs
Bruce Graham, DDS (Tor.), MS, Cert. Pros. (Ohio St.), MRCD(C), Associate Professor of Prosthodontics

Assistant Dean for Student Affairs
D.G. Pentz, DDS (Dal.), Cert. Perio (Tufts), Professor of Periodontics

Assistant Dean for Alumni Affairs and Continuing Education
Donald P. Cunningham, DDS (Tor.), MSc (Queen's), Dip. Pedo. (Tor.), Director of Clinics and Associate Professor of Pedodontics

Assistant Dean, Research
Derek W. Jones, PhD (Birmingham), FI Ceram., C.Chem. FRSC, FADM, Professor of Dental Biomaterials Science and Adjunct Professor of Engineering Physics, TUNS

Secretary of Faculty
Elliott S. Sutow, BSc (Penn. St.), PhD (U. of Penn.), Professor of Biomaterials Science

Emeritus Professors
R.H. Bingham, DDS (Dal) FICD, Professor of Oral Diagnosis, and a member of Faculty from 1955.
George Murray Dewis, DDS (Dal), FACD, FICD, Professor of Prosthodontics and a member of Faculty from 1940
Arthur H. Ervin, DDS (Dal), MSc (Ohio St.), Cert. Pros. (Ohio St.), Professor of Prosthodontics and member of faculty from 1969
Kenneth MacFarlane Kerr, DDS (Dal), Cert. Pros. (Ohio St.), FICD, FRCD(C), FADI, Professor of Prosthodontics and member of Faculty from 1950

Professors
I.C. Bennett, BDS (Liverpool), DDS (Tor.), MSD (U. of Wash.), FACD, FICD, Professor of Pedodontics
S.M. Brayton, BSc, DMD, Cert. Endo. (Tufts), FRCD(C), Dip. ABE, FADI, Professor of Endodontics
D.V. Chaytor, DDS (Dal), MSc (Ohio St.), Cert. Pros. (Ohio St.), MRCD(C), FADI, Professor of Prosthodontics
M.M. Cohen Jr., BA (Mich.), DMD (Tufts), MSD, PhD (Minn.), FCCMG, Professor of Oral Pathology; Professor of Pediatrics, Faculty of Medicine
D.W. Jones, BSc, PhD (Birmingham), FI Ceram., C.Chem. FRSC (U.K.), FADM, Professor of Dental Biomaterials Science and Adjunct Professor of Engineering Physics, TUNS
F.W. Lovely, DDS (Dal), MS (Mich.), FRCD(C), FICD, Professor of Oral and Maxillofacial Surgery
D.G. Pentz, DDS (Dal), Cert. Perio. (Tufts), Professor of Periodontics
D.S. Precious, DDS, (Dal), MSc (Dal), FRCD(C), FADI, Professor of Oral and Maxillofacial Surgery
E.J. Sutow, BSc (Penn. St.), PhD (U. of Penn.), Professor of Dental Biomaterials Science
Kenneth L. Zakariasen, BA (Minn.), DDS (Minn.), MS, Cert. Endo. (Minn.), PhD (Minn.), Professor of Endodontics

Adjunct Professor
H.W. King, BSc (Birmingham), PLU (Birmingham), DIC (Imperial College), Adjunct Professor of Biomaterials

Associate Professors
N.H. Andrews, BSc, DDS (Dal), Dip. Perio. (Walter Reid Hosp.), Associate Professor of Periodontics
L.J. Archibald, DDS (Dal), Associate Professor of Operative Dentistry
W.B. Barro, BSc (Acadia), DDS (Dal), MCID, Associate Professor of Orthodontics
T. Chin Quee, BDS (Dundee), MSD (Northwestern), Cert. Perio. (Northwestern), Associate Professor of Periodontics
D.P. Cunningham, DDS (Tor.), MSc (Queen's), Dip. Pedo. (Tor.), Director of Clinics and Associate Professor of Pedodontics
J.E. Elsner, DDS (Alta.), PhD (Mich.), Associate Professor in Pediatric & Community Dentistry, *Leave of Absence*
A.K. ElGeneidy, BDS, DDS (Alexandria), MScD, DScD (Boston), DDS (Dal), FDSRCS (Lon.), FADI, Associate Professor of Oral Diagnosis
G.H. Faulkner, BSc, (Dal), DDS (Dal), Associate Professor of Operative Dentistry
E.M.C. Franklin, DFC, CD, BSc (Acadia), DDS (Dal), Associate Professor of Operative Dentistry
B. Graham, DDS (Tor.), MS, Cert. Pros. (Ohio St.), MRCD(C), Associate Professor of Prosthodontics
E.J. Hannigan, DDS (Dal), MS (Boston), Associate Professor of Periodontics, *Leave of Absence*
B.B. Harsanyi, BA (Colegio Alice Block), DDS (Colombia), MS (Oregon), DDS (Dal), FRCD(C), Associate Professor of Oral Pathology
R.E. Hoar, DDS (Dal), MSc (Texas), Cert. in Maxillofacial Prosthodontics, FADI, Associate Professor of Prosthodontics
A.E. Hoffman, DDS (Dal), FRCD(C), FICD, Adjunct Associate Professor of Oral and Maxillofacial Surgery
P.M. Pronych, BA (Sask.), DDS (Dal), MS, Cert. Pedo (Ohio St.), Associate Professor of Pedodontics
V.B. Shaffner, DDS (Dal), MScD (Ind.), MRCD(C), Associate Professor of Prosthodontics
T.E. Sprackin, BA (Acadia), DDS (Dal), MScD (Tor.), FRCD(C), Associate Professor of Orthodontics
O.P. Sykora, BA (Sir Geo. Wms.), MA (Mont.), DDS (McG), PhD, (Mont.), Associate Professor of Prosthodontics
W.I. Vogan, BDS (St. Andrews), DDS, (USC), Dip. Perio. (USC), FADI, Associate Professor of Periodontics, *Leave of Absence*

Assistant Professors
C.A. Bain, BDS (Glasgow), DDS (Dal), Cert. in Perio., Cert. Fixed Pros., MScEd (Penn.), Assistant Professor in Periodontics
R.A. Bannerman, BSc, (Dal), DDS (Dal), MScD (Ind.), Assistant Professor of Operative Dentistry
A.K. Bhardwaj, BDS (Lucknow), DDS (Dal), FRCD(C), Assistant Professor of Oral and Maxillofacial Surgery
T. Blackmore, BSc (StFX) BEng (NSTC) DDS (Dal), Assistant Professor of Operative Dentistry
R.M. Brygider, DDS (Man.), Cert. Fixed & Rem. Pros. (Med. US Carolina), Cert. Max. Pros. (Roswell Park), Assistant Professor of Prosthodontics
G.A. Burk, BSc (Dal), DDS (Dal) Cert. Endo. (Tufts), Assistant Professor of Endodontics
J.S. Christie, DDS (Dal), FICD, Assistant Professor of Endodontics
G.M.D. Conrad, DDS (Dal), Assistant Professor of General Dentistry
P.L. Cyr, DDS (Dal), MSc (Dal) FRCD(C), Assistant Professor of Oral and Maxillofacial Surgery
W.O. Donald, DDS (Dal), Dip. Ortho. (Alta.), Assistant Professor of Orthodontics
M.G. Doyle, DDS (Dal), Assistant Professor in Operative Dentistry
A.A. Drysdale, MDCM (Dal), FRCP(C), Assistant Professor of General Anesthesia
D.A. Elsner, DDS (Dal), Dip. Ortho. (Tor.), FRCD(C), FICD, Assistant Professor of Orthodontics
G.M. Foshay, BSc (MtA), DDS (Dal), Cert. Perio. (Penn.), MRCD(C) Assistant Professor of Periodontics
J.D. Gerrow, DDS (Tor.), MS (Iowa), Assistant Professor of Prosthodontics

R.L. Harrison, DDS (Sask.), MSCert. Pedo. (Rochester), Asst. Professor of Pedodontics
C.H. Hawkins, DD. (Dal), MSc (Geo. Washington), Assistant Professor of Periodontics
R.E. Howell, DDS (Loma Linda), Cert. Oral Path. (USC), Assistant Professor of Oral Pathology
T.D. Ingham, BSc (UNB), DDS (Dal), FICD Assistant Professor of Orthodontics
G.S. Jackson, DDS (Tor.), DDPH (Tor.), Assistant Professor of Community Dentistry, Director of Patient Care
G.M. Jensen, DDS (Dal), MSc (Man.), Assistant Professor of Orthodontics
B. Johnston, DDS (Dal), MS (Quebec), Assistant Professor of Orthodontics
T.C. Larder, DDS (Dal), Cert. Endo. (Tufts), Assistant Professor of Endodontics, *Leave of Absence*
J.G.L. Lovas, BSc (Tor.), DDS (Tor.), MSc (UWO), Assistant Professor of Oral Pathology
R.M. MacDonald, BSc (StFX), DDS (Dal), Assistant Professor of Operative Dentistry
E.L. MacInnis, DDS, FRCD(C) (Tor.), Assistant Professor of Oral Surgery
W.A. MacInnis, BSc (Dal), DDS (Dal), Assistant Professor of General Dentistry
M. Mader, BSc (Acadia), DDS (Dal), MEd (Dal), Cert. Perio (Dal), Assistant Professor of Periodontics
D.J. Morrow, DMD, MSc, PhD, (Man.), Cert. Perio (Dal), Adjunct Assistant Professor of Periodontics
D.J. Murphy, BA (St. Mary's) DDS (Dal), Cert. Oral and Maxillo. Surg. (NY) FRCD(C), Assistant Professor of Periodontics
B. Pass, BSc (NY), MSc (Reutgers), PhD (Reutgers), DDS (Dal), Assistant Professor of Oral Diagnosis and Radiology and Dental Biomaterials Science
R.B.T. Price, BDS (Lon.), LDS, RCS (Eng) MSc(Michigan), MRCD(C), Assistant Professor of Fixed Prosthodontics
D.S. Richardson, DDS (Tor.), Cert. in Pedo., MS (Rochester), Assistant Professor in Pedodontics
A.S. Rizkalla, BEng (Carlo), MEng (McGill), PhD (TUNS), Assistant Professor of Dental Biomaterials Science
M.R. Roda, DDS, (Dal), MSD (Dal), Cert. in FPP (Indiana), Assistant Professor of Fixed Prosthodontics
E.L. Smith, BA (Bishops), DDS (McG), MCID (Western), Assistant Professor of Orthodontics
J. Sterrett, BSc (Vir.), DDS (Tenn.) Cert. in Perio. (Dal), Assistant Professor of Periodontics
A.N. Swanzey, BA (UBC), DDS (Dal), Assistant Professor of Dentistry
G.L. Terriss, BSc (StFX), BCL (UNB), DDS(Dal), MSc (Rochester), Cert. Pedo. (Rochester), Assistant Professor of Pedodontics
A.F. Thompson, BDS (Dundee), DDS (Dal), Dip. Ortho. (Tor.), Assistant Professor of Orthodontics
B.A. Wright, BDS, (Lon.) LDS, RCS (Eng.), DDS (Dal), MS (Indiana), MD (Dal), Assistant Professor of Oral and Maxillofacial Surgery
A.E. Young, BSc (St. FX), DDS (Dal), MS (U. of Mich.), Assistant Professor of Pedodontics

Lecturers
P.W.H. Amys, BSc (Dal), DDS (Dal), Lecturer in Operative Dentistry
P.L. Barro, Dip. D.H. (Dal), Lecturer in Orthodontics
L.P. Bilodeau, DDS (Alta.), Dip. Oral Surgery (San Francisc), Lecturer in Oral and Maxillofacial Surgery
T.L. Boran, DDS (Dal), Lecturer in General Dentistry
P. Bourque, BSc (MtA), DDS (Dal), Lecturer in Orthodontics
H.W. Brogan, BSc (Acadia), DDS (Dal), Lecturer in General Dentisty
B.P. Chedraoui, DDS (Gotenburg), Lecturer
D. Currah, BA (Queen's), DDS (McGill), Lecturer in Operative Dentistry
C. Dexter, DDS (Dal), Lecturer of Orthodontics, *Leave of Absence*
L.P. Erickson, BSc, DDS (Dal), Lecturer in Orthodontics
K. Gravitis, BSc (Guelph), DDS (Western), Lecturer in Oral Diagnosis
B. Hart. DDS, (Dal), Lecturer in General Dentistry
W. Horne, BSc, DDS (Dal), Lecturer in Removable Prosthodontics
J.F. Houlton, BDS (Bristol), FDSRCS (Eng.), DDS (Dal), Lecturer in Pedodontics
T.H. Ibrahim, BSc, DDS (Dal), Lecturer in Operative Dentistry
N.J. Kaplan, BDS (Cape Town), Lecturer in General Dentistry
R.J. Konopasky, BA (Windsor), MA (UWO), PhD (Windsor) Lecturer in Community Dentistry
W.E. Larder, DDS (Dal), Lecturer in Operative Dentistry
B.G. Latwaitis, BSc (St. F.X.), BEd (St. F.X.), DDS (Dal), Lecturer in Oral Diagnosis
P.A. Leech, Lecturer in Orthodontics
D.C.T. Macintosh, DDS (Dal), Lecturer in Oral Diagnosis
W.A. Mallet, BSc (Mt. A.), DDS (Dal), Lecturer in Operative Dentistry
A.D. Morrison, DDS (Dal), Lecturer in General Dentistry and Endodontics
A. Nette,BSc (Dal), DDS (Dal), Lecturer in General Dentistry
L. Peacocke, BSc (Dal), DDS (Dal), Lecturer in General Dentistry
A. Sachdev, BDS (Welsh National School of Medicine), Cert. Perio (Dal), Lecturer in Periodontics
P.O. Schaller, BA (Dal), MBA (SMU), Lecturer in Community Dentistry
M. Seyward, BSc (Guelph), MSc, DDS (Dal), Lecturer in Removable Prosthodontics
L. Smith, DDS (Tor.), Lecturer in Operative Dentistry
P. Stirling, DDS (Dal), MSc (Dal) FRCD(C), Lecturer in Oral and Maxillofacial Surgery
R.E. Thomas, BSc (Alta.), DDS (Alta.), Lecturer in Operative Dentistry, *Leave of Absence*
G. Usher, BSc (MtA.), DDS (Dal), Lecturer in Endodontics

Instructors
S. Abbass, BSc (St.FX), DDS (Dal), Instructor in General Dentistry
T. Ackles, BSc (Dal),DDS (Dal), Cert. Dental Internship (Toronto), Instructor in General Dentistry and Oral Diagnosis
S. Burke-Brundige, BA (SMU), BSc (MSVU), DDS (Dal), Instructor in Oral Diagnosis
A. Burry, BSc (Acadia), DDS (Dal), Instructor in Dental Biomaterials Science
T.F. Foley, BSc (Dal), DDS (Dal), Instructor in Removable Prosthodontics
B.W. Goodine, BSc (Dal), DDS (Dal), Instructor in Operative Dentistry
S. Gordon, DDS (Dal), Instructor in Oral Diagnosis
D.P. Haas, DDS (Dal), Instructor in General Dentistry
P. Johnson, BSc (Guelph), DDS (Dal), Instructor in Operative Dentistry
G.F. Lovely, BSc, DDS (Dal), Instructor in General Dentistry
K. McGrail, Dip. Dental Hygiene (Dal), Instructor in Oral Diagnosis
S. Roberts, BSc (Dal), DDS (Dal), BComm (St. Mary's), MBA (St. Mary's), Instructor in Pediatric Dentistry
D.S. Trider, BSc (Dal), MSc (Dal), DDS (Dal), Instructor in Removable Prosthodontics
D. West, BSc (Dal), DDS (Dal), Instructor in Removable Prosthodontics
P. Zwicker, BSc (Dal), DDS (Dal), Instructor in Removable Prosthodontics

School of Dental Hygiene

Professor
M.G.E. Forgay, Dip DH (Eastman), BA (Sask), BEd (Man.), MA (UBC), Professor and Director of School of Dental Hygiene

Associate Professor
K.F. MacDonald, Dip DH (Forsyth), BS (Boston), MEd (Dal), Director, Alumni Affairs and Continuing Education

Assistant Professor
G.M. Butt, Dip DH (Dal), BA (St. Mary's), MEd. (Queen's)

Lecturers
E. Andrews, Dip DH (Dal), RDA (NSIT), BSc (Acadia)
D. Chalmers, Dip DH (Dal), BSc (Dal)
P.D. Grant, Dip DH (Dal)
M.E. Kinnear, Dip DH (Dal)
A. MacDonald, Dip DH (Dal)
T. Mitchell, Dip DH (Dal), BSc (Dal)
N. Prowse, Dip DH (Dal), BSc (Acadia)
G. Steeves, Dip DH (Dal)

Instructors
T. Harris, Dip DH (Dal)
C. Keyser, Dip DH (Dal)
D. Morash, Dip DH (Dal)

1987 Graduating Class in Dentistry

Bonang, Jeffrey Michael
Bourgeois, Martin
Bourgeois, Maureen H.
Brereton, Douglas Lloyd
Campbell, Laurie Katherine
Cole, Richard William
Diamond, Gary Edward
Dobson-MacDonald, Cheryl Ann
DuPlessis, Brent Charles
Furzeland, Felicia Michele
*Gatchell, Gregory Allan
Graham, Anita Joy
Greencorn, Mary Patrice (Trainor)
Haley, Eric Leigh
Hogan, Thomas Wilfred
Jackson, Richard William
Johnston, Donald Edison
LaBoissonniere, Martin
Laurelja, Johnny Michael
LeGallais, Paul Bradley
Lewis, Todd Richard
MacGillivray, Raymond Francis
McGillivary, Ronald Eric
McGuigan, Scott James
McIntosh, John Eric
McKenna, Daniel Joseph
McNeil, Kevin Joseph Anthony
Orser, Owen Kevin
Pavlin, Caroline
Phillips, Kenneth Manson
Raddall III, Thomas Head
Rathee, Neeta
Shannon, Thomas Andrew
Woodworth, Stephen Douglas

* Awarded during the session

1987 Graduating Class in Dental Hygiene

Amirault, Carmen Susan
Beaton, Harolyn Frances
Bodstad, Rikki Bernice
Bourque, Marcia Marie
Bourque, Rosemary Elizabeth
Brittain, Ruthann Linda
Burke, Leslie Ann
Clark, Lynne E.
d'Entremont, Karen Marie
Frost, Kerstin Lee
Graham, Teressa Frances
Harris, Deborah Mae
Hartling, Donna Lee
Haverstock, Shelley Elaine
Hilchey, Brenda Lee
Jardine,Janet Anne
King, Julie Emery
Lang, Denise Michelle
Lawlor, Karen Anne
LeBlanc, Audrey Eunice
Lee, Charlene Rose
MacDonald, Holly Roberta
MacDonald, Sheila L. Holmes
MacDonnell, Elaine Frances
MacPhee, Shirley Ann
Mason, Vicky Lynn
McCracken, Lori Anne
McDonald, Wendy Marie
Moreside-Kiri, C. Joy
O'Neil, Helena Roxanne
Reinhardt, Corinna, Claire
Shrum, Christine Anri
*Smith, Sara Jane
Verge, Tanya Lynn
Veysey, Heather Jill

* Awarded during the session

1987 Graduating Class in Certificate in Periodontics

Coffin, Daniel
Glasser, George
Toporowski, Elizabeth

Dentistry

The Law School

Dalhousie Law School is the oldest university common law school in the British Commonwealth, and in 1983 celebrated the 100th anniversary of its founding. From its inception in 1883, the school has sought to perpetuate the vision of its founder and long-term Dean, Richard Chapman Weldon, a vision which encompasses a solid preparation for the practice of law and which encourages respect for and participation in public life. Despite its regional base, Dalhousie is perceived as a "national" law school, and encourages applicants from all parts of Canada. Indeed, over the years graduates of Dalhousie have had a distinguished influence on the development of law, legal education and public institutions throughout Canada. The LLB degree from Dalhousie is recognized for the purposes of Bar admission in all Canadian provinces.

Programs and Services

The Law School is located in the Weldon Law Building on the main university campus. Designed to meet the special needs of law students and staff, the building contains class and seminar rooms, faculty and administrative offices and lounge space for students and staff. Despite a major fire in the summer of 1985, our library collection of over 145,000 volumes of common law materials and legal periodicals still provides a very good selection of international legal materials, and a fast-growing marine and environmental law section. Our marine and environmental law holdings represent one of the best collections of its kind in the world, attracting scholars from many countries. The law school publishes the *Dalhousie Law Journal*, a well-respected legal periodical.

The full-time LLB program at Dalhousie entails three years of study. Dalhousie Law School has also recently instituted a Part-time LLB degree (see below). The first year program is entirely compulsory, while the second and third year programs are, for the most part, optional. The first year program consists of the following seven courses: Judicial Rule-Making and the Law of Contract, Criminal Justice: The Individual and the State, Orientation to the Study of Law, Fundamentals of Public Law, Legal Research and Writing, Property in its Historical Context and Tort Law and Damage Compensation. The second year required courses are Civil Procedure and Constitutional Law. There is one other required course, Professional Responsibility, which must be taken in third year. As well, students in second and third year are required to complete at least one "major paper" course per year. A more detailed description of all our course offerings follows.

A limited number of students are permitted to complete their LLB on a part-time basis, subject to more detailed regulations set out below. The intent of the Program is to accommodate the special needs of individuals for whom three years of full-time attendance at Law School could cause hardship or even inability to attend at all.

Dalhousie Law School offers a wide range of optional courses, but is particularly known for its offerings in the marine and environmental law area, with special emphasis on law of the sea. The "marine and environmental law program" (MELP) now offers about a dozen courses in marine and environmental law related areas — perhaps the largest curricular offering within the field in North America.

Dalhousie Law School has an active clinical law program, Dalhousie Legal Aid Service. Through its community law office in downtown Halifax, the Clinic provides a legal aid service for low-income clients in the Halifax-Dartmouth area. Students, lawyers and paralegals conduct cases for individual clients and also work in areas of community development, preventive law and law reform, all under the supervision of staff lawyers and faculty members. The Clinic also acts as a teaching centre for third-year students. The law school offers another type of clinical experience, dealing solely with criminal law, in which, to complement special classes and seminars, students are assigned to either a judge, a Crown Counsel, or a defence lawyer, to observe and participate in criminal law work. Students receive credit for both clinical programs.

The law school offers a joint LLB/MBA program, in which students obtain both the Bachelor of Laws degree and the Master of Business Administration degree in four years. Students first complete one full year of business studies, then complete first year law; the next two years are a combination of business and law courses. Students intending to make application to the joint program should inquire directly to the Admissions Officer, LLB/MBA Program, Registrar's Office, Dalhousie University.

A proposal is now being considered by the University whereby a joint LLB/MPA would be offered. Further details on the status of this proposal may be obtained from the Faculty of Law or the School of Public Administration.

Students are able to participate in several mooting programs. All second and third year students are required to participate in moot court, second year students as counsel, and third year students as judges. The best second year counsel compete in their third year for the Smith Shield, a prestigious Dalhousie award. As well, students can participate in the Jessup International Moot Court Competition, a world-wide competition on a problem of international law, the Medical-Legal Moot, the Canadian-American Moot Court Competition (between Dalhousie, the University of New Brunswick and the University of Maine), the Laskin Moot (an administrative-constitutional moot), the Niagara Moot and the Gale Cup Moot Court Competition (among all Canadian common law schools). In 1984, Dalhousie was the Canadian and world champion in the Jessup International Moot and a Dalhousie student was declared the best oralist in the finals of the competition. In 1985, the Dalhousie Canadian-American Moot Court team won the New Brunswick Barristers' Society Cup. One of the Dalhousie competitors earned the prize for top oralist in this Mooting competition.

Dalhousie, in cooperation with the Supreme Court of Nova Scotia (Trial Division) offers a voluntary Judge's Clerkship Program for third year students. This program, which is in addition to regular courses and not for credit, allows qualified students to spend one week during the term with a Supreme Court Justice in Chambers, and offers a valuable and practical learning experience. One student may also have the opportunity to act as clerk, for credit, to the Appeal Division of the Nova Scotia Supreme Court (see the course entry under Independent Research).

Dalhousie Law School has established exchange programs with the University of Maine School of Law at Portland, Laval University and the University of Sherbrooke, the latter two being Quebec civil law schools. Third year students may do one term at these schools for academic credit at Dalhousie.

The law school has an active graduate degree program, offering both the Master of Laws (LLM) and the JSD (Doctor of Laws) degrees. The Masters degree is normally acquired on the basis of thesis and course work, and can be taken either full-time in one year or part-time over two years. The Masters degree may also be taken on the basis of course work only, which is particularly appropriate for part-time students. In recent years, supervision has been offered in the following areas, among others: international law, administrative law, constitutional law, labour law, law of the sea, maritime law, fisheries law and environmental law. A special interest has been developed in marine and environmental law, which has been designated as a field of special emphasis in the faculty. More detailed information on the graduate degree program follows.

Student Life

The first year class consisted of 157 people in 1987-8, and the student population in the LLB program was 462. Approximately 40% were women. Many of our students, perhaps 40%, are residents of provinces outside the Atlantic Region. In addition, 8 students joined the LLM program, 1 of these being part-time, and 2 students are enrolled in the JSD program. The student body is very diverse, with students from a wide variety of backgrounds and experience. The admissions process is described following the course descriptions in this calendar. We are sometimes able to accept a small number of students who wish to transfer to Dalhousie from another law school, or who have received their law degree in Quebec or in a common law jurisdiction outside Canada. Application may be made to the Administrative Officer, Dalhousie Law School, Halifax, B3H 4H9. All law students are members of the Law Students' Society which appoints representatives to faculty committees, arranges for speakers to visit the school, and organizes social events and programs. It also oversees publication of a law students' newspaper, *The Weldon Times*, and the annual yearbook. Law students also publish a review entitled *Ansul*.

Dalhousie has an active sports and social program with something to appeal to most students. Some of the student organizations active at the school are the Association of Women and Law, the John Read International Law Society, and the Speakers' Committee. The *Domus Legis Society*, a pub open for membership to all law students and graduates, occupies a house which provides accommodation for a few students and serves as a social centre for law students generally.

Dalhousie University features a major athletics and sports complex known as Dalplex. Indoor facilities there include a 50 metre swimming pool and a gymnasium/field house the size of a football field.

Dalhousie Law Alumni Association

President: Ronald J. Downie
Law Alumni Officer: Patti Allen

The association has 3,600 members composed of graduates and faculty of the Dalhousie Law School. In addition current students are considered non-voting members until graduation.

The aims of the Dalhousie Law Alumni Association are to promote and encourage active participation of graduates in the life of the school and to establish and maintain strong relationships between alumni.

The association has established branch offices in Alberta, British Columbia, Saskatchewan, Manitoba, New Brunswick, the Yukon, the Northwest Territories, Newfoundland, and Prince Edward Island. Each branch organizes its own local activities.

Hearsay, the law alumni magazine is sent to all graduates of the school to keep them informed of the latest events at law school.

The Dalhousie Law Alumni Association sponsors *The Weldon Award for Unselfish Public Service*. This annual award is given to a graduate for recognition of their unselfish public service in their community, and serves as a tribute to the school's first dean, Richard Chapman Weldon. The award is presented at the annual law alumni dinner held in Halifax each fall.

Law Placement Office

Law Placement Officer: Patti Allen

The Law Placement Office offers individual career counselling to students and graduates. The office provides resource materials to assist students in finding articling positions, permanent jobs, summer jobs, and law-related opportunities.

Law firms, various organizations, and companies from all across Canada conduct interviews at the law school and placement boards communicate specific job, scholarship and clerkship information and information on graduate law study programs and awards.

Articling surveys are conducted for most provinces in Canada and articling receptions are held in many cities to introduce students to practising lawyers in those provinces while students are job-hunting there.

Various seminars, workshops and career days are held to advise students of the diverse range of opportunities available to graduates with a legal education.

Preliminary placement surveys of students conducted in their graduating year indicate that placement has been over 90% in the past several years.

Academic Staff 1987-88

Dean
Innis M. Christie, BA, LLB (Dal), LLB (Cantab.), LLM (Yale), Richard Chapman Weldon Professor of Law

Associate Dean
W. Brent Cotter, BComm (Sask.), LLB, LLM (Dal), Associate Professor of Law

Professors
Alastair Bissett-Johnson, LLB (Nottingham), LLM (Mich.)
Christine L.M. Boyle, LLB (Queen's, Belfast), LLM (Queen's, Kingston)
William H. Charles, QC, BA (Sir Geo. Wms.), LLB (Dal), LLM (Harvard), LLM (Mich.)
Thomas A. Cromwell, BMus, LLB (Queen's), BCL (Oxon), *Leave of absence, January 1/88 — June 30/88*
Peter E. Darby, BA (Mt. Allison), LLB (Dal)
Edgar Gold, BA, LLB (Dal), PhD (Wales), MCIT, FNI, MRIN, Master Mariner (FG), *Sabbatical Leave, July 1/87 — 6 months*
Edwin C. Harris, QC, BComm, LLB (Dal), LLM (Harvard), RIA, CA
Hugh M. Kindred, LLB (Bristol), LLM (London), LLM (Illinois)
Ronald St. John Macdonald, QC, BA (StFX), LLB (Dal), LLM (London), LLM (Harvard)
A. Wayne MacKay, BA (MtA), MA (Flor.), BEd (MtA), LLB (Dal)
H. Leslie O'Brien, QC, BComm, LLB (Dal), LLM (Chicago)
Paul Thomas, LLB (Wales), LLM (Yale)
Leon E. Trakman, BComm, LLB (Cape Town), LLM, SJD (Harvard)
Christian L. Wiktor, LLM (U of Wroclaw), MS in LS (Col.) Law Librarian
Bruce H. Wildsmith, BSc (Guelph), LLB (Dal), LLM (Harvard)
John A. Yogis, QC, BA (St. Mary's), LLB, LLM (Dal), LLM (Mich.)

Emeritus Professors
Clayton Hutchins, QC, BA, LLB (Dal)
Arthur J. Meagher, QC, BA, LLB (Dal)
R. Graham Murray, QC, BA, LLB (Dal), LLM (Harvard)
John Willis, QC, BA (Oxon.), LLD (Ott., Queen's, Dal, York)

Associate Professors
Bruce P. Archibald, BA (King's) MA, LLB (Dal), LLM (Col.)
Vaughan Black, BA, MA (Carleton), LLB (Tor.), LLM (Calif., Berkeley)
Jennifer K. Bankier, BA (Tor.), LLB (Osgoode)
R.L. Evans, BA (Tor.), LLB (York)
Philip Vincent Girard, BA (Brock), LLB (McGill), LLM (Calif., Berkeley)
H. Archibald Kaiser, BA, LLB (Dal), LLM (LSE)
Wade MacLauchlan, BBA (UPEI), LLB (UNB), LLM (Yale)
D.A. (Rollie) Thompson, BA (McG), LLB (Dal)
Ian Townsend Gault, LLB (Dundee)
Faye L. Woodman, BA (Dal), LLB (Queen's)

Assistant Professors
Joan M. Dawkins, BA, BPhE (Queen's), LLB (Dal)
Richard F. Devlin, LLB (Queen's, Belfast), LLM (Queen's, Kingston)
Thomas H. Kemsley, BA, LLB (Queen's), *Acting Director, Dalhousie Legal Aid Service*
Dianne L. Pothier, BA (Dal), MA (Carleton), LLB (Dal)
Dawn Ann Russell, BA (St. Thomas), MA, LLB (Dal), LLM (Cambridge)
Colleen Sheppard, BA, LLB (Tor.), LLM (Harvard)
David Lee VanderZwaag, BA, (Calvin), MDiv (Princeton), JD (Arkansas), LLM (Dal)

Part-Time Faculty
Robert L. Barnes, BA (Acadia), LLB (Dal)
Anne Bastedo, BA, MA, LLB, (Dal)
Barbara J. Beach, BA, (Tor.), LLB (Dal)
Claude E. Bourque, BA (StFX), MPA, LLB (Dal)
S. David Bryson, BA, LLB (Dal)
Peter M.S. Bryson, BA, MA (Dal), BA (Juris), MA (Oxon.), LLB (Dal)
R. Camille Cameron, BA, (St. Mary's), LLB (UNB)
Alan M. Crowe, BA (Acadia), LLB (Dal)
His Honour Judge Timothy T. Daley, BA (Ottawa), BEd, MSW (StFX), LLB (Dal)
J. Wilson Fitt, BA, LLB, MPA (Dal)
Victor J. Goldberg, BA (Dal), LLB (Tor.), LLM (London)
Walter R.E. Goodfellow, LLB (Dal)
Lawrence A. Graham, BA (St. FX), LLB (Dal)
Robert G. Grant, AB (Harvard), BA (Oxon.), LLB (Dal)
James Gumpert, BComm, LLB (Dal)
Michael J. Iosipescu, BA (Sir Geo. Wms.), BSc, MS, LLB (Dal)
The Hon. Mr. Justice M.C. Jones, QC, LLB (Dal)
His Honour Judge Elmer J. MacDonald, BA (King's), LLB (Dal)
Kenneth MacInnis, BA (St. Dunstan's), LLB (Dal), LLM (London)
W. Andrew MacKay, QC, BA, LLB, LLM (Dal), LLM (Harvard), LLD, *Professor*
Robert B. MacLellan, BComm (Acadia), LLB (Dal)
John P. Merrick, BA, (Acadia), LLB (Dal)
David A. Miller, BA (Waterloo), LLB (Dal)
Nancy I. Murray, LLB (Dal)
Alan V. Parish, BA, LLB (Tor.), LLM (Victoria U of Wellington, N.Z.)
Darrel I. Pink, BA (Acadia), LLB (Dal), LLM (London, LSE)
Joel E. Pink, BA (Acadia), LLB (Dal)
Dale Poel, AB (Calvin College), MA (Western Michigan), PhD (Iowa)
Adrian C. Reid, BA (St. Mary's), LLB (Dal)
Susannah Rowley, BA (Smith), MMus (Yale), BEd, LLB (Dal), LLM (UCLA)
Fay A. Rozovsky, AB (Providence) JD (Boston), MPH (Harvard)
Lorne E. Rozovsky, QC, BA (UNB), LLB (Tor.), *Adjunct Associate Professor*
Phillip M. Saunders, BA, MA, LLB (Dal)
M. Gerard Thompkins, BBA (StFX), LLB (UNB), CMA
Graham D. Walker, QC, BA (St. Mary's), LLB (Dal), MCL (Southern Methodist)
His Honour Judge R. James Williams, BSc (Alberta), MSW (Mar. Sch. Soc. Work), LLB (Dal)
James L. Wooder, BA (Mt. A), LLB (UNB), LLM (W.I.S.T.)

Special Lecturers
The Hon. Mr. Justice A.G. Cooper, QC, BComm (Dal), BCL (Oxon.)
The Hon. Mr. Justice G.S. Cowan, QC, LLB (Dal), BA (Juris), BCL, MA (Oxon)
W.J. MacInnes, QC, LLB (Dal)
The Hon. Mr. Justice Ian M. MacKeigan, QC, MA, LLB (Dal), MA (Tor.)

Librarians
Christian L. Wiktor, LLM (U of Wroclaw), MS in LS (Col.), Law Librarian
Joan Simpson, BA (UPEI), MLS (Dal), Cataloguer
Linda S. Aiken, BA, MLS (Dal), Acquisitions Librarian
Leslie A. Foster, BSc (Tor.), MSc, MLS (Dal), Research Associate
Jill C. Mahony-Plummer, BA, BEd (MSVU), MLS (Dal), Public Services Librarian
Diane Rudnicki, BA (Queen's), MLS (Dal), Reference Librarian

Administrative Officers
Susan M. Ashley, BA, LLB (Dal), Secretary to the Faculty, *Leave of absence, 1987-88*
Patti S.J. Allen, Law Placement and Alumni Affairs
Mildred I. MacDonald, Administrative Assistant to the Dean
Candace E. Malcolm, BA, LLB (Dal), Secretary to the Faculty and Director of Studies

Academic Programs

The degrees in law conferred by the University are the Bachelor of Laws (LLB), the Master of Laws (LLM), and the Doctor in the Science of Law (JSD).

Bachelor of Laws Course (Full-Time)

The LLB course is designed to train students in those qualities which distinguish the educated lawyer, whether engaged in the practice of law, in government service or elsewhere. Among the qualities stressed are an understanding of the process of ensuring order in a complex and evolving society, precision of thought, an appreciation of the use of the English language in writing and speaking, thoroughness, and the avoidance of superficiality.

The full-time course extends over three academic years, from September to May. A student who has failed the work of a year may, subject to the limitations of space, be readmitted, but the course must be completed in four academic years. Any academic session in which a student has registered and has not formally withdrawn by the date of the first Christmas examination constitutes an academic year. Where a student establishes, to the satisfaction of the Committee on Studies, that for medical or personal reasons, ability to pursue the course was significantly hampered, the Committee on Studies may rule that a student has not used up one of the four academic years.

The regular course requires the full time attendance of students. In the First Year all subjects are prescribed; in Second and Third Year most subjects are optional, with counselling by Faculty members to assist students in selecting areas for study. Second and third year students must complete at least 29 credit hours, including a major paper writing requirement, each year. Permission is required before any regular law student may undertake classes in another Faculty of the University.

The policy of maintaining fairly small classes reflects the nature of teaching at the Law School. Classes are conducted by the "case method" or otherwise but with emphasis upon discussion between teacher and students, based upon assigned materials and topics that students are expected to have considered in advance.

Research and written assignments are required of all students. These may involve substantial time in addition to regular class periods. The work submitted is carefully examined and then critically assessed by the teacher concerned and whenever possible a detailed criticism is provided in an oral interview.

In addition to class and writing requirements all students are required to participate in mooting exercises. Third-year students may be required to attend legal aid clinics, the law courts, and special lectures.

Part-Time Studies in Law

Dalhousie Law School has recently instituted a Part-time LLB program in order to facilitate legal studies for those unable to take the full-time program. Students admitted to the Part-time Studies Program may complete their degree by one of the two following methods:

(1) Full-Time First Year. Students may take their first year program on a full-time basis, and thereafter apply to be admitted to the Part-time Program for the remainder of their LLB studies. After first year, students in the Part-time Studies Program are required to complete a minimum of 58 hours over a maximum of six academic years, with a minimum courseload of 8 hours in each academic year. Part-time students must complete at least one, and not more than two, optional courses involving a major written paper in each 29-hour block over the period of part-time study.

Students who enter the Program after completion of First and Second Years on a full-time basis are required to complete their minimum of 29 hours over a maximum of three academic years, with a minimum course load of 8 hours in each academic year.

(2) Half-Time First Year. Part-time students who choose to do First Year on a half-time basis are required to complete 18 ½ hours of the First-Year program in their first year, completing Contracts and Judicial Rule-Making, Tort Law and Damage Compensation, Fundamentals of Public Law and ½ credit of Legal Writing. The remaining 15 ½ hours of the First Year program consisting of Property in its Historical Perspective, Criminal Justice: the Individual and the State, Orientation to Law, and the remaining 2 ½ credits of Legal Writing must be completed in the second year. Thereafter, students in the Part-Time Studies Program are required to complete a minimum of 58 hours over a maximum of five academic years, with a minimum courseload of 8 hours in each academic year. Part-time students must complete at least one, and not more than two, optional courses involving a major written paper in each 29-hour block over the period of part-time study.

The Faculty encourages part-time students, wherever possible, to do First Year on a full-time basis.

Graduate Degree Studies

A graduate program in Law, leading to a Master of Laws (LLM) degree, is offered at the Law School. Candidates register with the Faculty of Graduate Studies, and are normally expected to remain in residence as full-time students for one year. The requirements of the Faculty of Law normally call for course work during the first term (September-December) followed by completion of a thesis under the continuous supervision of a member of the teaching staff.

Applicants are required to submit an outline of the proposed thesis topic with their application form. Thesis topics may be concerned with any area of law for which the faculty and library resources will support original and useful work. In recent years, expert supervision has been provided in the following areas: international law, administrative law, labour law, commercial law, tax law, torts, criminal law and criminology, law of the sea, maritime law and environmental law. A special interest has been developed in marine and environmental law, which has been designated as a field of special emphasis in the Faculty of Law.

To be admitted to the program, an applicant must normally have obtained a high second-class standing (B average) in completing the Bachelor of Laws (LLB) degree from Dalhousie University, or commensurate standing and completion of a corresponding degree from another recognized Law School inside or outside Canada.

In 1983-4, the Graduate Studies Committee of the Faculty of Law accepted its first students into the part-time LLM program. The requirements for admission to and completion of the program are substantially the same as those for the regular LLM, except that the part-time degree may be taken on the basis of two calendar years of part-time residence at Dalhousie, after registration in the LLM program. The number of students accepted into the part-time LLM program is governed by the availability of adequate faculty supervision and library resources.

A Master of Laws program which requires course work only and no thesis has also been approved.

The doctoral (JSD) program is offered to a very limited number of highly qualified candidates seeking a doctorate as the peak of their legal education. Four areas of the Dalhousie law curriculum have been designated as being especially suited to the advanced research required at the JSD level: marine law, environmental law, international law and comparative law.

Applicants for admission must: (i) have attained a first degree in law with at least an A- average, First Class honours, or the equivalent; (ii) have completed a Master's degree in law; (iii) have submitted an outline of their proposed dissertation and a detailed description of their research plans with their application. Preference will be given to candidates with established credentials in published scholarship of a professional calibre. The ability to conduct independent research and to converse fluently in the English language are prerequisites to admission.

The requirements for the doctoral degree are as follows: (i) continuous residence at Dalhousie for at least one full year (usually September to August); (ii) fully supervised research work leading to a substantial and significant dissertation; (iii) preliminary examination on and oral defence of the dissertation; (iv) course work and other examinations as required by the Graduate Studies Committee.

More detailed information on the requirements for the graduate law degrees offered at Dalhousie may be found in the calendar of the Faculty of Graduate Studies.

Combined LLB and MBA Program

This is a four-year program which enables students to select courses leading to degrees of Bachelor of Laws and Master of Business Administration. The usual order of the program is:

Year 1: First-year classes of the MBA program.

Year 2: First-year classes of the LLB program.

(The first 2 years are reversible).

Year 3: One and a half classes from the MBA program and a total of 25 hours of classes from the LLB program, a certain number of which must be in the "Business Law" area.

Year 4: One full-year class from the MBA program and between 23 and 25 hours of classes in law, a certain number of which must be from the "Business Law" area.

Students intending to make application for the joint LLB/MBA program should inquire directly to the Admissions Officer, LLB/MBA Program, Registrar's Office, Dalhousie University.

Marine and Environmental Law Program (MELP)

In 1974 the Faculty Council designated marine and environmental law as an area of special emphasis for purposes of development within the Law School. In accordance with this new policy, the Marine and Environmental Law Program was established under the direction of Professor Douglas M. Johnston. Its present director is Professor Bruce Wildsmith.

Since 1974 six new courses that fall within the designated area have been added to the Law School curriculum. As a result, Dalhousie now offers about a dozen courses in marine and environmental law and cognate areas-perhaps the largest curricular offering within this field in North America.

The courses offered in Marine and Environmental Law are: Admiralty I (Introduction), Maritime Collision and Salvage, Carriage of Goods by Sea, Marine Insurance Law, Comparative Marine Law and Policy, Environmental Law I (Canadian Environmental Law), Environmental Law II (International Environmental Law), Fisheries Law and Law of the Sea. An optional 13-credit MELP Immersion Term to be available during the Fall term of a student's third year is also in the planning stage.

Courses in cognate areas include Constitutional Law, International Law and Oil and Gas Law. The nine courses in marine and environmental law involve several different members of the teaching staff. Subject to the course pre- and co-requisites, these courses are open to all LLB and LLM candidates, except first year students. Students wishing assistance in selection of courses within this area of concentration are advised to consult Professor Wildsmith.

In the years since 1974 MELP has also been active in library development. The marine and environmental law holdings at Dalhousie's Law Library represent one of the best collections of its kind in the world, attracting scholars from many countries. Moreover, with shelf listings from over a dozen major libraries in Europe and North America, computer-assisted access to an extensive listing of marine-related materials is now possible.

As a consequence of these curricular and library developments, and of a fairly steady involvement in conference activities in the field, a growing number of graduate students are attracted to Dalhousie in order to undertake advanced studies in marine and environmental law. In most years almost half of our LLM students do their supervised thesis work in the designated field.

The International Institute for Transportation and Ocean Policy Studies (IITOPS)

Executive Director
John Gratwick, BSc, FCIT

Associate Director
Edgar Gold, BA, LLB, PhD, ACIArb, MCIT, FNI, MRIN

IITOPS is a federally incorporated, non-profit organization resulting from the amalgamation of the Dalhousie Ocean Studies Program (DOSP) and the Canadian Marine Transportation Centre (CMTC) in 1986. IITOPS was established to maintain the momentum generated by DOSP and CMTC, which together helped establish Dalhousie as a recognized Canadian centre of excellence in the areas of marine transportation, marine and environmental law, ocean law policy and management studies.

Although IITOPS is an independent organization, it maintains a close affiliation with Dalhousie University and has links with several schools and institutes within the University. These include the Law School's Marine and Enviromental Law Program, the School of Business Administration, and the School for Resource and Environmental Studies.

IITOPS activities encompass four areas: research; professional development and training; information and publications (including the newsletter *New Directions*), and workshops and conferences. These activities are supported by the University as well as external grants, contracts and subscribers.

The Marine Affairs Program (MAP)

Joint Co-ordinators:
Raymond Côté, BSc (Loyola), MSc (Memorial), Assistant Professor, School of Resource and Environmental Studies
Ian Townsend Gault, LLB (Dundee), Associate Professor of Law
David VanderZwaag, BA (Calvin), MDiv (Princeton), JD (Arkansas), LLM (Dal), Assistant Professor of Law

The Marine Affairs Program is a one year graduate course leading to the Diploma in Marine Affairs. The course is designed to provide students with concepts and tools allowing them to work effectively in various aspects of ocean management.

The program consists of four distinct periods or terms and will run from May 15 to April 30 of the following year. All terms must be satisfactorily completed in order to receive certification.

The Marine Affairs Program provides for the integration of students into regular courses at Dalhousie and co-operating institutions. The Program is also designed to provide student monitoring and supervision ensuring that academic and personal problems are recognized at an early stage. Students will be streamed into program options specific to their needs.

The program streams listed below are provided as examples:

Marine Law, Policy and Administration
- — development of marine law and regulations
- — coastal community development
- — national development planning
- — security and surveillance
- — international law of the sea

Marine Technology and Business
- — marine transportation and port development
- — marine environmental protection techniques
- — ocean business development
- — fisheries technology
- — offshore technology
- — marine insurance

Marine Science and Management
- — utilization of marine bioresources including fisheries and acquaculture
- — marine geology exploration and management
- — marine science research management
- — regional ocean management
- — coastal zone management
- — marine pollution control and environmental assessment

Admissions (MAP)

Information about admissions, including application forms and university calendars are available from the Admissions Office, Dalhousie University, Halifax, N.S. Canada B3H 4H6, Phone (902) 424-2450.

Participants will apply to Dalhousie University in the normal fashion for graduate study. Students are required to complete a separate Marine Affairs application supplement. Application deadline is November 30 of each year.

Students applying for admission to the Marine Affairs Program should have a Bachelor's degree with a B average as a minimum, preferably with some relevant work experience. Selection criteria include academic performance, references, relevant work experience and career objectives. Applicants are encouraged to send examples of reports or papers they have written along with their application. Applicants whose first language is not English must possess a TOEFL score of 550 (or equivalent) as an absolute minimum.

Enrolment will be limited to approximately 20. Admissions are made on the recommendations of the Program Co-ordinators.

Classes (MAP)

A preparatory period of up to one month will provide students with English language training if necessary and an introduction to libraries and computers. During this time, Program Co-ordinators and others will work with students to evaluate their level of experience and academic preparation and to counsel them on program streams.

During the second period (ten weeks), students will participate in the International Ocean Institute training course on the Management and Conservation of Marine Resources. The IOI course provides a unique opportunity to obtain an excellent overview of the issues facing ocean managers and to discuss these with guest lecturers from around the world.

The fall and spring academic terms will provide advanced level work including the two Marine Affairs core classes and at least three other classes each term. The classes will depend on the specific area of interest of the individual.

The Marine Affairs core class will be organized to provide students with an appropriate balance of theory and practice. In part, this will occur through co-operation with area universities and training units, marine science and management specialists, ocean business interests, fisheries and marine surveillance agencies. It is envisioned that the independent research undertaken by students will involve study assignments with co-operating public and private sector organizations.

Further information can be obtained by contacting the Administrator, Marine Affairs Program, Weldon Law Building, Dalhousie University, Halifax, Nova Scotia, Canada, B3H 4H9. (902) 424-3555.

Classes of Instruction Bachelor of Laws Course

The First-Year program consists of seven compulsory classes: the Law of Contract and Judicial Rule-making, Criminal Justice: the Individual and the State, Orientation to the Study of Law, Fundamentals of Public Law, Legal Research and Writing, Property in its Historical Context, and Tort Law and Damage Compensation. The compulsory second-year classes are Civil Procedure and Constitutional Law, and Professional Responsibility must be taken in third year. In addition to compulsory classes, second and third-year students are required to include additional classes from the list of optional classes to make up an average load of approximately fifteen hours per week each term, including required and optional classes. All second and third-year students are required to complete at least one, and not more than two, optional classes involving a major written paper each year. The classes listed in the following pages represent the offerings in the 1987-88 academic year.

It should be noted that the first-year curriculum was substantially changed in 1983-4, during a process of extensive curriculum reform, and is still evolving. This reform process is currently being extended to the second and third year program, but as of this writing, has not yet been implemented. Further details may be obtained from the Faculty.

First-Year — All Classes Required

Evaluation: First-Year Classes in Criminal Justice, Property, and Damage Compensation are evaluated as follows:

By written test at Christmas, to be counted, optionally, as 30 per cent of the final mark, and final examination.

Special examination procedures are used in Contracts and Judicial Rule-making, Legal Research and Writing, Public Law and Orientation to the Study of Law.

1000R Contracts and Judicial Rule-Making: C. Boyle, V. Black, J. Dawkins, R. Devlin, D. Pothier, P. Thomas, J. Yogis, three hours a week, both terms. This class has two primary objectives: the first is to provide an understanding of the process of development of the common law through judicial decisions; the second is to provide a basic knowledge of the doctrines and precepts of the law governing the making and performance of contracts. As a means of attaining the first objective, the "case method" of teaching is used to enable students to acquire a lawyer-like understanding of such concepts as 'stare decisis,' the use of precedent, and the technique of distinguishing. A critical evaluation of judicial law-making is undertaken through an examination of the developing phenomenon of legislative intervention in the field of contract law. In order to fulfill the second objective, substantive rules of contract law are examined. There is a mandatory mooting requirement in this course. Evaluation: By a written examination at Christmas to be counted, optionally, as 30% of the final grade and a final examination, class assignments and class participation.

1001R Criminal Justice: the Individual and the State: A. Kaiser, C. Boyle, B. Archibald, three hours a week, both terms. Relationships between state and individual are considered in the context of Canadian criminal law. Primary references are the legal rights provisions of the Charter of Rights and Freedoms, selected topics in criminal procedure, and an introduction to substantive criminal law and sentencing. Teaching is conducted by lecture and discussion of assigned materials including the Criminal Code, (which is also used to illustrate methods and problems of statutory interpretation), a widely used volume of cases and materials, and a Dalhousie produced casebook.

1002A Orientation to the Study of Law (Legal Perspectives): I. Christie et al, three hours a week for the first eight and one-half weeks of the fall term, for one credit. The objective of the class is to orient students to the study of law by introducing them to four fundamental perspectives in the law: the comparative, the historical, the philosophical and the professional. Within each perspective there will be lectures to convey information deemed essential to an understanding of that perspective and there will be seminars which will give a sense of the variety and contingency of each perspective. Mandatory readings will be assigned in advance by each faculty speaker. Evaluation will be by a Pass/Fail oral conducted by a participating faculty member. If the oral is failed the student will be reexamined by a three person group — the course coordinator, (the Dean), and two others.

1003R Fundamentals of Public Law: R. Evans, W. MacLauchlan, W. MacKay, two hours a week fall term, and three hours a week spring term. This course introduces the Canadian governmental and constitutional system, beginning with an historical perspective. It will consider the legislative, executive and administrative processes of government. An emphasis will be placed upon legislation (including subordinate legislation) and its interpretation/application. Judicial review of legislative, executive and administrative acts, on grounds of jurisdiction, procedure, federalism and compliance with the Canadian Charter of Rights and Freedoms will be introduced. The course will focus specifically on equality rights, particularly as guaranteed by the Canadian Charter of Rights and Freedoms but also as protected by provincial or federal legislation. General Charter issues of application, remedies, evidence, and standing will be studied. The judiciary as a branch of government will be studied, with emphasis on issues concerning the appointment of judges and on changing roles for courts. Evaluation: By statutory research exercise worth 30%; written test at Christmas to be counted, optionally, as 30% of final mark and, final examination.

1004R Legal Writing: J. Yogis, M. Iosipescu, Equivalent to one and one-half hours a week, both terms. The objectives of this class are to familiarize students with source materials commonly used by lawyers, to acquaint students with the generally accepted principles pertaining to the proper citation in legal writing of source materials, and to assist students in acquiring a degree of proficiency in legal writing and research by introducing them to the techniques of discovering authorities and applying them to the solution of legal problems. The class is conducted by lectures and reading of assigned materials and individual research. Evaluation: By three written assignments.

1006R Property In Its Historical Perspective: P. Girard, P. Darby, three hours a week, both terms. The purpose of this class is two-fold: first, to provide a basic understanding of property concepts and principles in both real and personal property; second, to provide a sense of the historical development of the common law through emphasis on the evolution and important developments in fundamental principles and rules of real property since the feudal period in England.

This class introduces the concept of property, its evolution, types and fundamental principles. It illustrates ideas such as possession and ownership by reference to the law of finders and bailment and to various transactions in which land or goods are the common denominator. It also explores the doctrines and principles of real property, including tenure, estates, future interests, private and public controls on land use, the registry system and adverse possession. An attempt is made to expose the student to legal history through selected topics where such history can aid comprehension of doctrine.

1008R Tort Law and Damage Compensation: W. Charles, D. VanderZwaag, J. Bankier, three hours a week, both terms. This class has two major objectives: the first is to examine the judicial process as a means of resolving social and economic problems as opposed to the use of legislated alternatives; the second is to provide a basic understanding of the manner in which law distributes losses from injuries to personal, proprietary and economic interests through tort law and through such compensation schemes as no-fault auto insurance, workers' compensation, and compensation to victims of crime funds. Materials to be studied include cases, appropriate legislation and doctrinal writings related to the problem of damage compensation.

Second-Year — Required Classes

Classes marked * are not offered every year. Please consult the current timetable on registration to determine if the class is offered.

2061R Civil Procedure: B. Wildsmith, P. Thomas, D. Pink, two hours a week and workshop, both terms. This class is designed to develop an understanding of the importance of procedural law as it relates to various areas of substantive law. It is essential for students intending to practice law, since much of a lawyer's work and ability to serve members of the public depends upon an understanding of the procedural modes for attaining results. The class involves a study of court practice and procedures from the commencement of a lawsuit through to judgement, including pre-trial procedures and considerations relating to settlement. This is followed by a study of chambers practice and procedures, the interpretation of the Rules of Court, and the preparation and use of court forms. Practice examined includes originating and interlocutory applications in chambers and involves default judgements, amendments to pleadings, third party proceedings, various remedies before and after judgement, originating notices, remedies, pleadings and discoveries, etc. In addition to regular classes in the course, students will take part in approximately ten one-hour workshops. The workshops will be conducted in groups of 15 students or less and will meet throughout the academic year. Each workshop will have an assigned problem which will require preparation and delivery of oral argument or the drafting of documents or both. The course will be taught by lecture and discussion. Evaluation: By assignment of problems and written examinations. The student will be evaluated in each workshop on the basis of preparation, presentation and participation. In total, the workshop portion of the course will count as 20% of the final grade.

2062R Constitutional Law: W. MacKay, D. Pothier, I. Townsend-Gault, four hours a week in fall or four hours a week in spring or two hours a week, both terms. This class concerns itself with two main themes: the distribution of powers under the Constitution Acts, 1867-1982, and the Canadian Charter of Rights and Freedoms. This will follow from the basic introduction to, and foundation for, the course laid during first year by the course in Public Law. Distribution of powers material will deal with the techniques of constitutional analysis, canons of construction and selected heads of legislative jurisdiction, including federal powers in relation to peace, order and good government, the regulation of trade and commerce, transportation and communications and the criminal law power, and the provincial powers over property and civil rights, local undertakings and matters generally of a local nature. The Charter of Rights material will cover the broad outlines of Charter provisions, fundamental freedoms, mobility rights, some of the personal and legal rights and remedies. Throughout the course emphasis will be placed on the roles of the constitution in our governmental structure and of the courts as its elaborator and guardian and on constitutional litigation as a problem-solving process through which fundamental values are examined. Distribution of powers will occupy 60-70% of the time, the Charter of Rights the remaining 30-40%.
Evaluation: By written final examination, with an opportunity for students to earn partial marks through other components during the term.

Third Year — Required Class

2099B Professional Responsibility: B. Cotter, two hours a week, spring term. This course examines various aspects of the legal profession in Canada, including the nature of the profession, its history and evolution, the legal and ethical responsibilities of lawyers, the influences of the adversary system and comparative analysis of alternative systems for dispute resolution. The course will be conducted partly by presentation, lectures and discussions involving the whole class (1 hour per week) and partly by small group discussions (1 hour per week). These will include special presentations, simulations and problem-solving projects. Serious attention will be given to dilemmas facing lawyers and the legal profession today. Evaluation: Based partly on classroom and small group performance, and partly on the results of a final examination.

Second and Third Year — Optional Classes

Listed below are the courses offered in 1987-88. For an up-to-date listing, please consult the faculty.

2000 A or B Administrative Law: W.A. MacKay, MacLauchlan, four hours a week, fall term or spring term. This course is an advanced study of the public law process. It studies external controls upon the exercise of statutory authority, primarily through the vehicle of judicial review. It also attempts to develop an inside perspective upon the exercise of discretion. The purpose of the course is to introduce the student to the general principles of judicial review as well as to develop an understanding of the workings of the administrative process and the role of the subordinate legislation. Materials include case studies, scholarly commentary and accounts of the administrative process at work. Evaluation: By a three hour examination, or to be determined by the instructor at the beginning of the term. It is likely that both sections will be evaluated by 70% open-book examination plus 30% extra-curricular observation of the administrative process.

2001 A or B Admiralty Law I: E. Gold, J. Wooder, two hours a week, fall term or spring term. Professor Gold's section: This class involves a study of the basic principles of Canadian admiralty law embracing: i) the historical development; ii) general introduction to ships, seamanship, and nautical knowledge; iii) offshore oil and gas: admiralty issues; iv) construction, registration and conveyancing of ships; v) marine insurance; vi) Admiralty Court jurisdiction and procedure; vii) conflict of laws in admiralty: viii) collisions at sea; ix) liability for marine damage and injury; x) marine towage and pilotage; xi) maritime salvage; xii) carriage of goods by sea; xiii) general average; xiv) liens. This class offers a general introductory survey of maritime law and shipping practice for those who require a basic working knowledge of the area in general law practice, government service or marine industry. It also provides a useful base for those who may wish to go on to further specialized courses in this area such as Maritime Collision and Salvage; Carriage of Goods by Sea and Marine Insurance Law. The course also complements other courses such as Comparative Marine Law and Policy, Environmental Law and Law of the Sea. Professor Wooder's section: This section of the class gives an introduction to Canadian Admiralty Law and practice, including a brief survey of history of admiralty with emphasis on the importance of history for an understanding of present issues in Canadian Admiralty Law; the subject matter of admiralty claims (ships, vessels, cargo, etc.); the status of admiralty claims (maritime liens, statutory rights to proceed in rem, etc.); the admiralty jurisdiction of the Federal Court of Canada; the Admiralty Rules of the Federal Court of Canada with emphasis on the substantive basis of the rules; an introduction to marine insurance, carriage of goods by sea, salvage, towage and pilotage, liability for marine injury; and claims of seafarers including claims under union agreements. This section of Admiralty I emphasizes the relationship

between the substantive law and the practice of admiralty law in the Federal Court of Canada, and provides a useful base for those who may wish to go on to further specialized courses in the area. Evaluation: By written examination.

2081 or 2082B Bankruptcy and Insolvency: C. Bourque, two hours a week, spring term; or three hours a week, if a major term paper is written. Corequisite: Commercial Law. Enrolment limited to 15 students. This course will deal with various federal and provincial legislative provisions governing bankruptcy and insolvency; fraudulent conveyances; assignments and preferences; the status of receiver, private and public, at common law and by statute; the status of agents appointed pursuant to security instruments including chattel mortgage, conditional sale, assignment of book debts, charge, real property mortgage, trust deed, lease, hire-purchase agreement, purchase money security interest, section 178 Bank Act, whether fixed or floating in nature, whether on recourse or not; the status of liquidator, sequestrator, provisional receiver providing for the winding-up of debtors; the status of quasi-agents and quasi-receivers and engagements such as look-sees, monitors, survival plans, reorganizations; informal and formal proposals including holding proposals, basket proposals, extensions, compositions, schemes for arrangement, roll-ups, roll-overs, cram-downs, hire-downs, flips, softies; the role of trustees, receivers and lawyers; creditors and debtors and the administration of insolvent estates; priorities within and without bankruptcy including other competing interests between classes of creditors; antecedent and fraudulent transactions and how treated as "property and civil rights" issues and "insolvency" issues; commercial crime; the distribution of the estate among creditors within and without bankruptcy; consequences of bankruptcy and the alternatives to bankruptcy; dealing with insolvent persons and corporations in the consumer and business community; international insolvency including treaties; causes and contributing factors of insolvency; integrity of the credit system; ethical considerations in the delivery of legal advice and services in insolvency; new developments and proposals for reform of insolvency laws in Canada. Evaluation: By exam or major paper, and class attendance and participation.

2002 A or B Business Associations: H.L. O'Brien, D. Russell, four hours a week, fall or spring term. This class provides an introduction to law and practice in the conduct of business in the corporate form. The class deals with the following topics: the choice of form of business enterprise; the nature and disregard of corporate personality; the different systems of incorporation; the corporate constitution; contracts between corporations and outsiders; the control and management of the corporation, especially the relationship among promoters, directors, executive committees, officers and shareholders; the raising and maintenance of a corporation's capital; and an introductory examination of fundamental changes of the corporation such as sale of assets, shares, arrangements and statutory amalgamations. Throughout the course attention is directed to current publications of various law reform committees. An introduction to the principles of partnership will also be included. The class is taught by discussion of selected cases, statutes and other materials which students must read carefully in advance of class. Evaluation: To be determined by class and instructors, but based primarily on an open-book, problem-oriented written examination, with the possibility of optional in-term written work counting for a certain percentage of the mark.

2106B Business Tax: Basic Principles*: F. Woodman, two hours a week, spring term. Prerequisites: Taxation I, Business Associations; students who have completed Tax III may not take this class for credit. Enrolment limited to 20 students. This class is intended for those students who wish to become familiar with the basic provisions affecting the taxation of business activities. It is an extension of the Taxation I course and not a course which would lead to specialization in income tax. The basic principles of corporate taxation and the taxation of partnerships are examined. Such examination includes the scope of and roles of the small business deductions and the refundable dividend tax. The tax treatment of transactions involving capital property and eligible capital property are reviewed and expanded if necessary. The corporate form as a vehicle for employment business activity and for investment activity is considered and evaluated. The simple problems arising from the incorporation of a previously unincorporated business activity are considered along with some of the problems arising on the purchase and sale of a business. Evaluation: By examination at the end of the term and/or assignments during the term.

2108A Canadian-American Moot Court Competition (Trilateral Moot): P. Thomas, two hours a week, fall term; major paper course. This class is a high level mooting competition among Dalhousie, University of Maine and University of New Brunswick. The competition is held in November and the location is rotated among the competing schools. The problem is traditionally based on a moot case in an area of domestic law raising important legal issues in Canada and the United States. The class requires extensive research in Canadian and American law, the writing of a factum and preparation of the moot case, performance in mooting trials and argument of the case at the host school. The class includes seminars on appellate advocacy, the use of audio-visual aids, and evaluation by the faculty advisor and the Canadian-American Moot Court Competition judges. The class is limited to third year students. Eligibility for the course is determined by the Moot Court Committee based on performance in the second year mooting program. Evaluation: Students receive a numerical and a letter grade evaluation, for their performance in this moot. Participation in the class satisfies the major paper requirement. The participating students are provided with written evaluation of their performance in the class.

2089 or 2090B Carriage of Goods by Sea (Admiralty III): H. Kindred, two hours a week, spring term; or three hours a week, spring term, if a major term paper is written. Prerequisite: Admiralty I, only for those writing major papers. Enrolment limited to 15 students. This class explores the rights and responsibilities of the parties in the performance of a contract for the carriage of goods by sea. It exposes the technical clauses of charter parties and bills of lading as adapted to the movement of differing kinds of cargo, e.g. bulk and containerized goods, and to various commercial practices, e.g. CIF and FOB. Since the carriage of goods is overseas, class discussions and course materials involve both Canadian and international sources. The subject matter interests students with commercial inclinations at least as much as admiralty specialists, since it concerns cargoes of goods under sale while in transit between sellers and buyers. The class is conducted by class discussion of selected documents and materials in the context of transactional problems. Students are asked to argue for the interests either of the carrier or the cargo owner in these problems. Evaluation: Normally by class participation and written examination equally, but may be taken at the student's option, by major term paper.

2077R Charterwatch Seminar*: W. MacKay, W. MacLauchlan, C. Boyle, E. McBride, two hours a week, every second week, both terms. Requires the writing of a major term paper. Open to third year students only. Prerequisite: Constitutional Law. Enrolment limited to 15 students. This seminar is intended to serve as a forum in which faculty and students at both the graduate and undergraduate levels can keep abreast of developments under the Canadian Charter of Rights and Freedoms. Graduate students and faculty can join the seminar on a non-credit basis and a maximum of 15 undergraduate students may enrol for credit. Participating faculty members present a paper on Charter developments in their field of interest during the fall sessions of the seminar. For the remaining sessions, discussion papers are presented by noted guests and the student participants on an aspect of Charter evolution. After the paper is presented, a general discussion is held in which all participants are encouraged to participate. Supervision of the student papers is shared among participating faculty. Evaluation: 70% on the written paper, 20% on the seminar presentation, and 10% on general participation in the seminar.

2040B Civil Trial Practice: D. Miller, L. Graham, R. Grant, C. Cameron, three hours credit, two sections; the class involves two to four hours a week in the spring term, and concludes about mid-March. Open to third-year students only. Prerequisites: Evidence, Judicial Remedies and Civil Procedure. Enrolment limited to 12 students per section. This seminar provides an intensive introduction to civil litigation. It draws on students' understanding of substantive law in basic common law fields, e.g., torts and remedies, and of procedural law from Civil Procedure and Evidence. The class is designed to develop the students' awareness of the procedures required to prepare a civil case for trial and to develop their skills in interviewing parties and witnesses, conducting discovery examinations, conducting direct and cross-examination at trial, evaluating evidence in the case and considering settlement. The class is conducted on a seminar method involving in-class participation by the students in the various aspects covered in the class while at the same time developing the model

case for trial. Out-of-class work consists of readings which are provided, preparations for class performance and preparation of various aspects of the model case. The seminar is conducted two nights per week to mid-March, the model trial being held on a Saturday. Attendance at all classes is essential. Evaluation: On in-class participation and participation at the model trial.

2017 or 2018 A or B Children and the Law: J. Williams, R. Thompson, two hours a week, fall or spring term; or three hours a week, fall or spring term, if a major paper is written. Prerequisite: Family Law I. Enrolment limited to 15 students. This class focuses upon the position of children within the legal system. Particular emphasis will be given to: (1) the respective roles of parents, children and the state in decision-making concerning children; (2) the impact upon the law of personal values, social policies and research from other disciplines; (3) comparative advantages of the "common law," legislation, institutional policy-making, and the *Charter* as vehicles for reform of the law affecting children.

Topics covered will include: (1) the role of the lawyer in disputes involving children, psychological perspectives, and working with experts; (2) private custody adjudication, principles and practice; (3) other custody issues: access, joint custody, variation of custody, step-parent adoptions and child-snatching; (4) custody alternatives: conciliation, mediation, arbitration and joint custody: (5) state intervention: child abuse reporting, investigation, voluntary services, sexual abuse and temporary removal; (6) state intervention: adjudication, disposition, foster care; (7) creating and terminating parent-child relationships: wardship, adoption, paternity, and illegitimacy; (8) medical care and education: treatment of minors, abortion, life-saving medical care, school discipline and corporal punishment; (9) delinquency: empirical studies, theories, historical background, services and facilities, and provincial offences; (10) the *Young Offenders Act*: law reform and its result; (11) children's rights: concepts, practice and independent legal representation.

Those students taking the course as a major paper course will be required to submit a paper topic of their own choice one month into the course, an outline by mid-term and the final paper by the end of the third month. Active and vocal participation in seminars is expected of all students. Evaluation: For non-major paper students, 10% class participation and 90% final examination (with the option, on consent of the instructor, to submit a short paper worth 30%); for major paper students, 10% class participation, 70% major paper, and 20% examination (one question).

2003 A or B Clinical Law: T. Kemsley, thirteen hours a week, fall or spring term. Open to third-year students only. Students in Clinical Law cannot take the Clinical Course in Criminal Law. Prerequisites: Evidence, Civil Procedure, Family Law. Enrolment limited to 16 students per term. Dalhousie Legal Aid Service, also known as the "Clinic," provides third-year students an opportunity to learn practical lawyering skills in a community law office serving low-income clients. Education at the Clinic takes four forms:

(1) Seminars and Simulations: In the first six weeks of the term, students are subjected to an intensive schedule of seminars and simulations. The first week of the term involves an introduction to the Clinic, its clients, office procedures and the Courts. The first two weeks may involve evening and weekend (Saturday) seminars and simulations. These sessions are designed to address issues related to issue-identification, negotiating, counselling and basic trial skills (examination, cross-examination and closing argument). Each week, for the first six weeks, there will be a seminar and a simulation/workshop. Seminars cover social assistance, housing and tenancy, child protection, debtor/creditor and bankruptcy, young offenders, evidence, ethics, poverty practice, immigration, etc. Simulations will include: cross-examination on affidavits, sentencing, evidence foundations and objections and a videotaped "mini-trial" at midterm. The interview, cross-examination and "mini-trial" simulations use professional actors and actresses as witnesses. The intensive program ends after the first six weeks. Thereafter, seminars will continue. Topics in these seminars will be designed to provoke students to reflect on the impact of legal institutions on the low income community, the delivery of legal services to the poor, poverty law and law reform strategies and matters of professional responsibility. Throughout the term, students may be called upon to give a case presentation on a file from their caseload which raises an interesting legal or ethical issue and to conduct a discussion of the issue with other students.

(2) Supervision: Initially, each student receives 20-25 files, for which they are responsible. They are assigned to a supervising lawyer, who does three complete file reviews — in the first week, at mid-term, and at term end. Each day there is a primary supervisor in the Clinic for advice to students and review of trial preparation. In more serious cases, students work with supervisors in preparing and presenting the case.

(3) Experience: Students are responsible for handling their own files, under supervision. They draft letters and documents, interview clients and witnesses, counsel clients, negotiate with other lawyers, prepare cases and conduct hearings in Family and Magistrates' Court and before administrative tribunals. Each week students are required to interview new clients for one half-day and answer telephone inquiries as back-up for another half-day. A mix of cases is involved: including family, criminal (young offenders), administrative law, (social assistance, landlord/tenant, U.I.C.), and other civil matters. Students will also participate with staff members in poverty law issues separate from the regular caseload involving law reform and community development. In brief, students will conduct themselves as lawyers, in a poverty law context.

(4) Paper: Each student, or a group of students, will be required to prepare a memorandum of approximately 15 pages (or more, depending upon the number of students involved), for completion by the end of the term. The topic of the memorandum must first be approved by the Director or faculty lawyer. Topics must be of practical importance or usefulness to the work of the Clinic. Special stress will be placed upon field research into how the law actually works in affecting our clients and the possibilities for reform of the law. Evaluation: Clinical Law is graded Honours/Pass/Fail, with no class standing assigned. The student's grade will not be counted in determining the weighted average. In the event of a failure, a numerical grade will be assigned, for inclusion in the average. The final grade is based upon the student's total performance at the Clinic —seminars and simulations, drafting, discussions with supervisors, conduct with clients, pre-trial preparation, trial conduct, presentation at these seminars, and the memoranda — with input from all supervisors. At the mid-term file review, students will receive a verbal evaluation from their supervisor, put in writing at the request of the student. At term end, students will be given a written evaluation, including comments upon these memoranda. Enrolment in Clinical Law will, whenever possible, be equalized beween the fall and spring term.

Note: A third Clinic term for credit is in the planning stage, to be offered in the summer months. Anyone interested should contact the Office of the Dean of Law for further information.

2002B Clinical Course in Criminal Law: B. Beach, R. Evans, nine hours a week, spring term. Students who have completed or wish to complete Clinical Law or Criminal Trial Practice are not eligible. Prerequisites: Criminal Procedure and Evidence. Enrolment limited to 12 students per term. This class has both a clinical and an academic component. The clinical component operates for eleven weeks of the term. Each student is assigned to either a judge, a crown counsel, or a defence lawyer and observes and, as far as possible, participates in the criminal law work of that person. For this eleven-week period each student must spend two to three days a week with the principal. The academic component is dealt with in two weekly seminars, each of two hours, which run throughout the term. The seminars focus upon lawyering skills including interviewing, trial preparation and advocacy skills using simulation exercises as the vehicle for learning. The seminars also focus upon matters relating to criminal law, criminal procedure, evidence, criminology and legal ethics. Students are required to submit a weekly log concerning their experiences in the field and to complete written memoranda. Evaluation: The course is evaluated on an Honours/Pass/Fail basis. Individual feedback is given to students throughout the course. An evaluation of each student's performance in each aspect of the course is provided at the end. A student's grade is not counted in determining the student's weighted average. However, in the event of failure, a numerical grade is assigned and used in calculating the weighted average.

2004 A or B Commercial Law: H. Kindred, B. Cotter, four hours a week, fall term or 2 hours a week both terms. This class explores the law of commercial and consumer transactions. Its two parts involve the legal regulation of instruments of sale and secured financing that support the

manufacture, distribution and ultimate consumption of goods. The class assumes an understanding of common law principles of the law of personal property, of contract, and of tort, studied in first year. It considers special types of agreements used in commerce which had their historical roots in the law merchant but are now regulated in large measure by a profusion of statutes. The structure of the class is functional. The materials expose the transactional agreements in regular commercial use and develop therefrom the legal implications and problems most frequently occurring. By comparative survey, they explore both the rights and remedies and the reformatory efforts affecting persons interested in common commercial and consumer transactions. The class is taught by lecture and class discussion of edited materials and problems. Evaluation: By final examination. Some form of optional mid-course assessment may also be offered. Individual instructors may be consulted beforehand regarding the offering of optional assignments.

2078A Comparative Civil Law*: P. Girard, three hours a week fall term. Requires the writing of a major term paper. This course gives a brief consideration of the historical background and legal structure of civil law systems with emphasis on French and Quebec law, followed by an intensive study of selected problems. The ability to read French is required. Evaluation: By seminar presentation and paper.

2079A Comparative Criminal Law*: B. Archibald, three hours a week, fall term, requires the writing of a major term paper. Enrolment limited to 15 students. The aim of this class is to examine criminal law and the administration of criminal justice in Canada by means of comparison with analogous aspects of the legal systems of selected foreign countries. The particular countries emphasized are the United States, France and the People's Republic of China, since these countries represent a spectrum of models which differ in varying degrees from the Canadian legal system. They include common law, continental European and Communist traditions which when compared with Canada can bring the most important characteristic of our own system into sharp focus. Emphasis is also placed on evaluating the impact of the Canadian Charter of Rights and Freedoms in comparison with the American Bill of Rights, the European Convention on Human Rights and the International Covenant on Civil and Political Rights. Subjects for comparative analysis in each system should include: the objects of the criminal law process in theory and in practice; the principles which are invoked to justify the finding of criminal liability; notions of individual liberty and collective freedom as expressed through the criminal law process; availability of methods of social or legal control as alternatives to the criminal law process; investigation of crime and the apprehension of offenders; the structure and roles of the legal profession; courts and the process of adjudication; the range and application of criminal sanctions. The class is taught by discussion of assigned readings, as well as presentation and discussion of term papers. Evaluation: By class participation, and by the writing and presentation of a major term paper.

2088A Comparative Marine Law and Policy*: D. Russell, three hours a week, fall term. Enrolment limited to 15 students. Major paper course; given three hours credit. Requires participation in two simulation exercises, and the writing of two reports or a major term paper. This seminar focuses on *international fishery regimes* and will deal with the problems of fishery development and management in the new law of the sea, from national, regional and global perspectives. The approach will be both comparative and interdisciplinary. Guest lecturers will share their professional experience with seminar participants. Evaluation is by major paper and class presentation.

2005A or R Conflict of Laws: V. Black, A. Bissett-Johnson, four hours a week, fall term, or two hours a week, both terms. This class is concerned with the law relating to transactions with elements connecting them with two or more legal units (states and provinces), including problems of choice of law, judicial jurisdiction and enforcement of foreign judgements. In a world with increasing trade and exchange between legal units and with mobility of people increasing, situations with actual or potential conflict of laws become more and more numerous. The objective of the class is to recognize a conflicts situation and to deal with it by accepted methods, and to appreciate the results in light of a variety of modern theories and methods. Evaluation: By final examination.

2088B Constitutional Law Problems: R. St. J. Macdonald, three hours a week, spring term. Requires the writing of a major term paper. Prerequisite: Constitutional Law. Enrolment limited to 15 students. This seminar is designed to provide students who have completed the basic class in Constitutional Law with an opportunity to examine in detail a number of specific problems relating to the constitutional debate. It is anticipated that the discussion focuses on a central theme, such as: the changing concept of Canadian federalism, human rights and fundamental freedoms, regional development and fiscal arrangements. Specific attention is devoted to bills of rights and to constitutional changes in Canada. The class is conducted by seminar discussion based on assigned readings and presentation of individual research papers. Evaluation: By seminar and major term paper.

2093 OR 2094B Constitutional Protection of Rights and Freedoms in the United States*: C. Sheppard, two hours a week, fall term or three hours a week, if a major paper is written. Enrolment limited to 15 students. This course will examine the basic framework and structure of the United States Constitution focussing on the protection it affords to human rights and civil liberties. A comparative approach will be adopted throughout the course to evaluate the relevance and/or usefulness of the United States experience to issues arising under the Charter of Rights and Freedoms. In addition to canvassing selected areas of law, such as free speech and equal protection we will explore the interplay between constitutional protections and the modern regulatory state. Evaluation: By class participation and a major paper; or, for those opting for two credits, by class participation and take-home examination.

2042B or 2043B Consumer Law*: V. Black, two hours a week, spring term, or three hours a week, spring term, if a major paper is written. Corequisite, Commercial Law. Enrolment limited to 15 students. Consumer Law concerns the protection of consumers in their purchases of goods and services. The seminar will be oriented around consumer problems that arise despite the existing legislative protections handled in Commercial law (knowledge of which will be assumed). Students will be encouraged to discuss innovative procedures for the redress of consumer complaints and legislative proposals directed toward safeguarding the consumer from unfair and unacceptable trade and business practices. Topics discussed frequently involve quality and safety in goods and services, sellers' and manufacturers' warranties, misleading advertising, regulation of salesmen, qualification of tradesmen, credit financing, credit cards, credit reporting, and consumer remedies, including consumer bureaus. Writers of major term papers will be urged to identify current social problems of consumer interest and to investigate them with reformative zeal. The course will be conducted by class discussion of selected materials and term papers. Evaluation will be determined by the instructor, but will be based primarily on the examination or the major paper.

2006B Corporate Finance: R. MacLellan, three hours a week, spring term. Requires the writing of a major term paper. Prerequisite: Business Associations. Enrolment limited to 15 students. The class is a fairly intensive treatment of the business background and principles of corporation law and practice relating to problems of financing a closely held or a large public-issue corporation. Consideration is given to the nature of corporate capital; procedures for issuing shares; public issue of securities and securities regulation; peculiar features of preferred shares; alteration of share capital; distribution of corporate earnings; corporate borrowing, including procedures for issuing bonds and debentures; reorganization and dissolution of corporations. Relevant legislation is examined, including the Canada Business Corporations Act, the Nova Scotia Companies Act, the Ontario Business Corporations Act and the Ontario Securities Act. This is a seminar with lecture and discussion of cases and problems with emphasis on student contributions to solution of problems. Evaluation: By major paper (60%) and by preparation and presentation of classroom assignments (40%). Certain of these assignments will be concentrated in a one or two week period during which time more than the regular sessions of the seminars will be conducted. Specialists in the corporate/commercial area will be involved in the setting and marking of the assignments. The faculty wishes to recognize the contributions of the Osler, Hoskin and Harcourt law firm of Toronto in the classroom assignment component of the seminar.

2044B Creditors' and Debtors' Rights: N. Murray, two hours a week, spring term. This class is designed to provide a comprehensive introduction

to rights and remedies of debtors and creditors. It includes, among other elements, techniques of prejudgment collection, debtor harassment, the role of the courts and the execution order in collections with respect to real and personal property. There is a general discussion of rights of secured creditors, fraudulent transfer by insolvent debtors and an introduction to bankruptcy as an ultimate collection remedy. The class is conducted by lecture and discussion of cases, statutes, and other materials. Evaluation: By written examination.

2045B Criminal Law Selected Problems: V. Goldberg, two hours a week, spring term. This class is available for students who wish to pursue criminal law beyond the level reached in first year. The lectures and class discussions will examine in detail the essential elements of the offences of conspiracy, murder, manslaughter, assault (particularly sexual assault), fraud and other offences if time permits. There will also be some analysis of the law relating to attempts to commit these offences and parties to the offences. Sentencing law will be studied to identify the proper principles and the usual range of sentences imposed. Selected defences will be considered. The principal objective of the class is to determine the present state of the law, but some consideration will be given to what the law ought to be. Relevant Law Reform Commission studies will be considered. Evaluation: By written examination.

2091A Criminal Procedure: A. Kaiser, three hours a week, fall term. This is an introduction to criminal procedure. As such, it provides a fairly comprehensive examination of the procedural aspects of the individual's experience with the criminal justice system. Therefore, in general, it concerns the provision and regulation of methods for dealing with those who have or are supposed to have violated the criminal law. Students should emerge from the course with a thorough grounding in pre-trial procedure and practices, the trial process and post-trial remedies. Consideration will be given thoroughout to the impact of the Charter of Rights and Freedoms and frequently to proposals for law reform. Evaluation is by written examination.

2046A Criminal Trial Practice: Judge Elmer J. MacDonald, J. Pink, A. Reid, three hours a week, fall term. Prerequisite: Evidence. Enrolment limited to 15 students. Students taking this course cannot take the Clinical Course in Criminal Law. This class uses simulated court proceedings, including arraignments, bail hearings, preliminary inquiries and trials, to develop skills of advocacy and trial preparation. Trials later in the term are heard before Judges of the Provincial Magistrate's Court, and the final case is heard by a County Court Judge. Each student assumes the role of prosecutor, defence counsel and witness on different occasions. Preparation for classes involves some research in matters of evidence and criminal procedure. Presentations are discussed at the conclusion of each proceeding for the purpose of providing constructive criticism. Classes are held one night per week during the fall term. Evaluation: By class participation worth 60% of the final mark, and a written examination worth 40%.

2063 or 2064 A or B Criminology: B. Archibald, Judge T. Daley, two hours a week, fall term or spring term; or three hours a week, fall or spring term, if a major term paper is written. Enrolment limited to 20 students per term. This seminar introduces the law student to the field of Criminology, a broadly based discipline utilizing a multidimensional approach to the study of criminal law. The class is organized around major questions in Criminology. How are crimes defined? Why do people commit crimes? How does society react to crime (e.g., courts, police, media, citizens, prisons)? What are the aims of the criminal justice system? What are the alternatives to the present structure? Substantial discussion will focus on theories of criminality and sentencing. These questions are explored by seminar discussion (based on assigned readings for each class). Judge Daley's section requires student presentations. When possible, local experts in the field of criminal justice are brought into the seminar to add a valuable practice dimension and visits are arranged to correctional facilities to expose the students to the practical realities of modern penal practices. Considerable scope is allowed students in the major paper requirement. They are encouraged to take a broad interdisciplinary approach and incorporate expertise required in pre-law school studies with that acquired in law school in writing papers. Empirical research is encouraged but is not mandatory. Evaluation in Professor Archibald's section will be by 20% seminar participation and 80% term paper. Students taking the class for two credit hours will be evaluated as follows: class participation 20%; final examination 80%. Evaluation in Judge Daley's section will be by 25% seminar participation and 75% term paper; students taking the course for two credit hours will be evaluated by 25% class participation and 75% final examination.

2116 or 2117 A Education Law: W. MacKay, two hours a week, fall term, or three hours a week, fall term, if a major paper is written. Enrolment limited to 15 students. The purposes of the course include assessing the relation between law and government policy; breaking down the barriers between different disciplines; evaluating the impact of the *Charter* in a discrete setting and considering the links between law and values in Canadian society. The course will be offered in seminar form with discussion as the norm. There may be some guest lecturers and student presentations as well as involvement of students from the Education faculty. The course will be broad in scope and useful to students who do not intend to directly pursue a career related to education, as well as those who do. Without limiting the instructor, the kinds of topics which might be covered include the following: judicializing education, jurisdiction over schools, the impact of the *Charter*, discipline and enforcing rules, schools as microcosms of society; and the limits of rights of discourse. There will be specifically assigned readings for each class and general course materials. Evaluation: 25% by class discussion and 75% either by paper or by a written or oral examination for those who are claiming two credits. These two-credit students can also reduce the examination component by doing a class presentation for 25%.

2047 or 2048 A Employment Law: I. Christie, two hours a week, fall term; or three hours a week, fall term, if a major term paper is written. Enrolment limited to 15 students. This class is designed to develop an understanding of the common law and legislative response to special problems occurring in individual contracts of employment. Specific areas for discussion are the common law contract of employment, wrongful dismissal, employment standards legislation in Canada and its administration. Additional topics for consideration, which might vary from year to year, are modern safety legislation, anti-discrimination legislation, workers' compensation legislation, the impact of the *Charter*, immigration law and employment, and preferential hiring. Evaluation: By class participation, paper presentation for those doing a paper, and exam or paper, at the student's option. The paper or exam will be worth at least 60%. There is a possibility that a portion of the grade may be based on an oral exam. Evaluation will be carefully explained at the first class.

2104 or 2105 B Environmental Law: P. Saunders, D. VanderZwaag, three hours a week, spring term. The role of law in protecting environmental values will be examined through seven questions: What are the contributions of other disciplines — for example, ethics, theology, psychology, economics, political science, anthropology and ecology — to our understanding of environmental issues? What role does the common law play in preventing or redressing environmental degradation? How does the constitutional division of powers between the federal and provincial governments affect environmental management? How adequate is the Canadian legislative and regulatory framework for controlling environmental problems? What is the role of environmental assessment in the Canadian decision-making process and how may the assessment process be strengthened? What are some alternative legal responses to environmental issues, for example, the Michigan Environmental Protection Act, environmental mediation, coastal zone management, and market incentives? What role does international environmental law play in handling such problems as transboundary air and marine pollution? Evaluation will be by open-book examination and, if class size allows, up to 50% of evaluation may depend on participation in special class projects such as student investigations (any private eyes out there?) into environmental issues like Fundy tidal power and hazardous waste management. Please note that this major paper course is unlike others offered in that it has three actual class hours per week, as well as three credit hours.

2033 A or B Equity and Trusts: A. Bissett-Johnson, P. Darby, P. Bryson, three hours a week, fall term (two sections), or three hours a week, spring term. This class surveys the historical evolution of equity, and its emergence as a separate jurisdiction. It also analyzes the maxims, doctrines and

principal remedies of equity, the distinction between legal and equitable interests and the meaning of the statutory fusion of law and equity. The class also surveys the historical development of the trust, its conceptual nature, the certainties necessary for creation, the types of trusts; the appointment of trustees and their principal rights and duties; the tracing of trust assets and some modern uses of the trust. Evaluation: By written examination. In Professor Darby's class, the examination is open-book. Professor Bryson's section will have a 20% mandatory mid-term examination. Both the mid-term and final examination in this section will be closed book.

2050B Estate Planning: F. Woodman, two hours a week, spring term. Prerequisite: Taxation I. Enrolment limited to 20 students. This class attempts to instruct students in estate planning. A number of aspects of planning are selected for special attention, including the use of insurance and pension plans, the use of trusts, transfer of interests in businesses and professional practices, valuation of estate assets, planning for handicapped and spendthrift heirs' estates, freezing techniques, buy-sell agreements, and the tax consequences of such transactions. Evaluation: By examination, on class participation, and/or a paper.

2066 A, B or R Evidence: T. Cromwell, D. Russell, R. Thompson, Four hours a week, fall term; or four hours a week, spring term; or two hours a week, both terms. This class is an introduction to the law of evidence. Basic concepts of relevancy and admissibility are considered in light of fundamental policy objectives served by the law of evidence. A comprehensive coverage of the basic exclusionary rules of civil and criminal evidence is undertaken. The policy considerations underlying particular rules and the origin and development of such rules are examined and critically assessed. The class is conducted by lecture and discussion on the basis of assigned materials. Evaluation: By written examination.

2110 A or B Family Law I: A. Bissett-Johnson, J. Dawkins, Judge J. Williams, three hours a week, fall or spring term. This course is intended as a general survey of the area and will include the following topics — pre-marital considerations, the marriage contract, formation and validity of marriage, the doctrine of nullity. Separation of the parties will be dealt with in the context of separation agreements and separation by statute and court order. The practice in this regard before the Family Court will be discussed. The law of divorce will be studied, and will include questions leading to constitutional issues, jurisdiction, the bars to divorce, grounds for divorce and corrollary relief, maintenance, custody and access. In this context the tax ramifications of money payments will be discussed. The Matrimonial Property Act and the cases arising thereunder will be discussed together with questions relating to succession and taxation. Statutes and cases dealing with child custody and access will be considered, including those dealing with child protection. Other areas dealt with in relation to children and the law will include adoption and juvenile delinquency. There may be an opportunity for drafting agreements and court documents and for practical exercises in advocacy in class. Evaluation: Primarily by examination.

2111 or 2112 A or B Financial Consequences of Marriage and Marital Breakdown: A. Bissett-Johnson, W. Goodfellow, two hours a week, fall or spring term; or three hours a week, fall or spring term, if a major term paper is written. Prerequisite: Family Law I. Enrolment limited to 15 students. Some of the topics to be discussed in this seminar will include: professional responsibility of a lawyer in family law cases; constitutional problems, including discussion of Unified Family Courts; joint tenancy and tenancy in common, and conveyancing problems under the Matrimonial Property Act; the Matrimonial Property Act, including simulated negotiations and filing of statements under Rule 67: the second marriage, advising clients, and drafting marriage and separation agreements; child support for step-children, children over 16, and children who have left home (including tax consequences); maintenance provisions under federal and provincial law; enforcing maintenance orders; financial consequences of death. Evaluation: To be determined by the instructors and communicated to the class at the beginning of the term. Where students are doing a major paper, evaluation will be primarily by major paper.

2020A Fisheries Law*: B. Wildsmith, two hours a week, fall term (not offered in 1987-88). This seminar is designed to acquaint students with the public and private law aspects of fishing and fishery management in Canada. While the central focus is on law and the regulatory framework, questions of policy frequently arise for discussion. The class is taught by a combination of questioning, lectures and guest speakers. Problems unique to fisheries regulation and methods of fishery management will be discussed to set the context in which the law operates. International considerations, constitutional problems, fisheries legislation, the interplay between private rights and public rights, problems of enforcement and environmental protection and aquaculture will be the central topics discussed. Evaluation: By written examination and class presentation and participation.

2107B Gale Cup Moot Court Competition: R. Devlin, given two hours credit a week, spring term; major paper course. This class is a high level mooting competition among all common law schools in Canada, and is held in late February at Osgoode Hall in Toronto. The class requires collective work on a moot case in an area of domestic law, extensive research, the writing of a factum and the preparation of the moot court case, performance in mooting trials at Dalhousie and argument of the case in Toronto. The class includes seminars on appellate advocacy, the use of audio-visual aids and evaluation by the faculty advisor and by the Gale Cup judges. The class is limited to 4 third year students. Eligibility for the class is determined by the Moot Court Committee or otherwise as determined by the faculty. Evaluation: Students are given a numerical and a letter grade mark for participation in the moot. Participation in the class satisfies the major paper writing requirement. The participating students are provided with written evaluation of their performance in the course.

2086 or 2087A or B General Jurisprudence: R. Devlin, A. Kaiser, two hours a week, fall or spring term; or three hours a week, fall or spring term, if a major paper is written. Enrolment limited to 20 students. This class aims at relating general jurisprudential theories to the advancement of the practice of law. This 'think' study is intended to be functional, combining the abstract with the pragmatics of our common law legal system. Accordingly, we analyse different methods and approaches towards legal thinking propagated by innovative judges and academicians as reflected in their judgements and scholarly works. The class includes an analysis of legal positivism (the literal interpretation approach), legal realism (law as a judicial tool) and social behaviouralism (law as a reflection of societal demands). A critical study is also made into the significant influences upon the law of historical jurisprudence, natural law thinking, notions of morality and justice, custom and usage. Controversial areas of the judicial and legislative process are examined, in particular, the jurisprudential value of juridical precedent, different methods of judicial reasoning, the introduction of prospective judicial overruling and finally, an analysis of statutory interpretation. The analytical character of this class requires a high level of student participation and involvement within a seminar atmosphere. Class members must make informal presentations to other colleagues upon selected 'special interest' topics. Class materials consist of handouts which include the selected writings of such leading judges as Holmes, Cardoza, Denning, Wright and Laskin. The materials will extend to the scholarly works of Austin, Kelsen, Hart, Pound, Levi and Llewellyn, among others. Stress is also given to Canadian sources, especially as regards the judicial and legislative processes. Evaluation: As an examination class (for two credits), as a major paper class (for three credits), or as a combination of these two methods (as determined by the individual participant and the instructor).

2073 or 2074A Human Rights: R. Macdonald, two hours a week, fall term, or three hours a week, fall term, if a major term paper is written. Enrolment limited to 15 students. This class looks at human rights and rights guaranteed by the new Charter. It looks at the concept of human rights, the extent of their protection in Canada, and their significance to the Canadian way of life. Part of the class involves looking at protection of rights in other jurisdictions as a guide for future interpretation of the new Charter in Canada. Evaluation: By class participation, oral assignments, and either a major paper, or a minor paper and class presentation.

2089 A, B or R Individual Research Paper: the Law School curriculum permits an individual third-year student, or a second year student only with permission of the Committee on Studies, to undertake a major research

paper, in place of a regular optional class or seminar, equivalent to three hours per week, or in special circumstances, in place of seminars or classes up to the equivalent of six hours per week. A paper to be counted at 3 hours of credit for third year students must be approved by the Administrative Officer. A paper to be counted at 4, 5, or 6 hours of credit must be approved by the Committee on Studies. Satisfactory completion of the paper would meet the requirement for a student to complete a major paper. It is expected that an individual research paper for three hours credit would be of greater scope and depth than a paper required for a regular class or seminar, and the student's independent research and writing would be expected to be of very high quality. The paper would be done under the supervision of a member of faculty. A student, with the consent of the faculty member concerned, may apply to the Committee on Studies for approval of individual research to be valued at the equivalent of four, five or six hours per week, depending upon the quality of work to be done. Six hours of credit may be given only for work of highest quality, of some originality and prepared for presentation to faculty and students in seminars or workshops to be arranged. It is likely that six hours' credit would be given only for projects extending over both terms. Four or five hours of credit would be given for projects requiring research in greater depth than is now required for three credits in individual research projects. A student may include the individual research paper entirely in one term, or over both terms (although the Committee on Studies may require that projects of four, five or six hours' credit be carried out over both terms). If the class is listed for the Fall term only the student must submit to the supervisor a detailed outline and bibliography by the end of September. The number of hours credit and the term or terms in which the individual research paper is completed is to be determined by the Committee on Studies in consultation with the Faculty member concerned. A student who is interested in the possibility of doing an individual research paper should have demonstrated, in written assignments already completed in the Law School, ability for independent research and writing. The students should consider the topic on which they would like to do a paper and should consult, before the end of term or no later than June 1st, if possible, with the member of Faculty whom they would like to supervise the paper. A student wishing to undertake research for credit beyond three hours should consult the concerned Faculty member as soon as possible. Before undertaking an individual research paper, students must have approval for the paper and their entire program. The proposed faculty supervisor will then be consulted and if necessary the application will be submitted to the Committee on Studies for its approval. Applicants are notified whether they have received conditional approval to proceed with the proposed independent research paper and the number of hours of credit allowed for it, as soon as possible.

Independent Research — Law Clerk to Nova Scotia Supreme Court, Appeal Division

The Appeal Division of the Supreme Court has agreed to have a student serve as a Law Clerk during the fall term of the academic year 1987-88. The precise details of this arrangement will have to be worked out with the Chief Justice of Nova Scotia, the Faculty Supervisor (Professor T. Cromwell) and the student concerned. The student will take part in the work of the Appeal Division, assisting judges with research and reviewing appeal books and factums as requested. Evaluation will be on the basis of satisfactory completion of assigned tasks and an assessment of written work. The written component of the course may constitute memorandums prepared for the court and/or a paper on some aspect of the Appellate Process. The suggested credit hours are 3. There is only one position for the coming academic year and only third year students with very good academic standing will be eligible.

2010 A or B Insurance Law: R. Barnes, two hours a week, fall term; or two hours a week, spring term. This class examines the basic principles underlying the law relating to various types of insurance, e.g., fire, life, sickness and accident, motor vehicle, liability and marine. Attention is directed particularly to: (a) the nature of the insurance contract and its formation, (b) agency principles applying to insurance agents or brokers, (c) the insurable interest, in property or in liability for damage to property or persons, that a person must have to enter into a valid contract of insurance, (d) the effects of nonrepresentation in applying for insurance, or omission of necessary information, and of failure to meet the special conditions made part of the contract under legislation, and (e) rights of third parties against the insurer. Students must critically examine existing law, its function in modern society and its fairness to the insured person, and consider desirable reforms. Course materials include an examination of insurance cases, the Nova Scotia Insurance Act and pertinent standardized insurance contracts. Evaluation: Principally by means of examination; to be clarified by the instructor at the beginning of the term.

2027 or 2028 B Intellectual Property Law: J. Bankier, two hours a week, spring term, or three hours a week, spring term, if a major term paper is written. Enrolment limited to 15 students. This course provides a basic survey of the substantive law relating to patents, copyrights, trade secrets, protection of ideas, and related economic torts in Canada. A comparative analysis of American or European law will be offered in contexts where this will provide useful insight. The course will also discuss contractual issues associated with intellectual property rights (e.g. licensing agreements, technology transfers). The course will also discuss the effectiveness of the various modes of protection in a variety of areas, e.g. literary works, music and other artistic works, biotechnology, industrial designs, computer software, databases, and computer conferences, videotapes and photocopying. Evaluation: By major paper with 30% by class participation. With the instructor's approval, a student will be permitted to take a 3 hour open book examination instead. However, students are strongly encouraged to select the paper option. The details of the evaluation scheme wil be determined by the class and the instructor and will depend in part on class size.

2012 A or B International Law: H. Kindred, R. St. J. Macdonald, three hours a week, fall term or spring term. Public international law is concerned with the legal relations of states and the individuals who compose them. The class explores the bases of the international legal system. Methods of international law creation and law enforcement are examined in comparison with municipal machinery. Processes of international adjudication and the interaction of international and Canadian law are discussed. Later, the application of substantive principles of international law are illustrated by consideration of selected issues of current or Canadian concern. Students may have an opportunity to act as rapporteurs to the class on some such issue depending on class size. Examples from the past include Arctic pollution prevention, control of fisheries resources, Canadian recognition of China, acid rain, foreign nationalization, international human rights, extradition from Canada and nuclear testing. The class is conducted by discussion of edited materials and other sources presented by rapporteurs. Evaluation in Professor Kindred's class is principally by written examination, but may, when numbers permit, be by a combination of examination and class participation. Evaluation in Professor Macdonald's class by minor paper and class presentation.

2109A International Advocacy
2103B Jessup Moot: H. Kindred/P. Saunders, both given credit as major paper courses. Corequisite: International Law. The Jessup International Law Moot Court Competition gives law students the opportunity to argue a hypothetical case involving international law. The experience affords both training in advocacy and understanding of the international legal system. Competitions are held annually in approximately 30 nations, and winners of those competitions compete in international finals. The Canadian regional round of the competition is the only national mooting competition for Canadian law students. Usually at least 17 law schools from across the country participate. The moot problem always contains issues redolent of a topical international affair. The Jessup Moot is sponsored by the American Society for International Law and the Association of Student International Law Societies. Philip C. Jessup, for whom the competition is named, was one of America's most respected jurists on the International Court of Justice. Work on the competition begins at the end of September and proceeds up to the Canadian regional round, which is held at the end of February. Each team is judged on its memorials, or written arguments, and on its oral presentation. Each team argues four times, twice for each side of the case. A panel of experienced judges, commonly including justices from across Canada, scores the oral presentations. Dalhousie won the competition in 1984, and a member of the Dalhousie team was voted "best oralist" in the world finals. The Jessup competition is included in the academic program of the Law School. It is open to all law students as a moot program for credit under the title of *International Advocacy* during the

fall term. This "moot-off" is used additionally to select the *Jessup Moot* team of three or four students to represent Dalhousie in the Canadian national competition in the spring term. There is no doubt that the Jessup Moot presents a severe challenge of legal skill and stamina. For the Law School program in International Advocacy each student will be required to prepare a memorial for one side and to argue the case once for each side. Participation carries 2 credit hours, will be graded, and satisfies major paper writing requirements. International Law is a co-requisite. Jessup Moot team members will be expected to complete the requirements of the Canadian national competition outlined in the previous paragraph. Participation on the team carries a further 2 credit hours and will be graded independently from work done previously in the fall term. Note: Entry to the Jessup Moot is by registration, in the fall term, in International Advocacy.

2013 A or B Judicial Remedies: T. Cromwell, W. Charles, three hours a week, fall term; or three hours a week, spring term. This course deals with the law of damages and the equitable remedies of injunction, specific performance, rectification and accounting. Roughly two-thirds of the time is devoted to damages in contract and tort. The remainder is spent on an overview of the equitable remedies already mentioned. A detailed outline of the course content is available from the instructor. Evaluation: By a three hour examination. In Professor Cromwell's section, the examination will be closed book.

2014 A or B Labour Law I: C. Sheppard, P. Darby, three hours a week, fall term; or three hours a week, spring term. This is a survey of the institutions and legal concepts related to labour-management relations in Canada: union organization and certification, unfair labour practices, collective bargaining, conciliation, the collective agreement and arbitration, industrial conflict and internal union affairs. An attempt is made to examine the law of labour relations as an example of a response by the legal system to a social problem. Evaluation: By written examination or, at the student's option, 50% by short weekly memoranda and 50% by written examination.

2052 B Labour Law — Administration of the Collective Agreement: I. Christie, P. Darby, two hours a week, spring term. Prerequisite: Labour Law I. Enrolment limited to 12 students. The class objectives are: (1) to enable students to gain an understanding of labour arbitration jurisprudence and its place in the labour relations process; and (2) to instruct and give students some practice in the advocacy skills involved in labour arbitration, which are not substantially different from those involved in other legal contexts. Students must read materials in preparation for a limited number of lectures by faculty and guests, which provide a background to their preparation for and participation in mock labour arbitrations chaired by practicing arbitrators. In preparing for and participating in one arbitration as counsel, participating in another as a member of the arbitration board and writing a board award, each student has occasion to learn a good deal of labour arbitration law. Each student counsel examines one witness, cross-examines another and presents legal argument. If possible, the proceedings are video-taped and each student has the benefit of a semi-private critical assessment while viewing the performance. Evaluation: As counsel — 35% (preparation, list of cases, preparation of witnesses, etc. — 5%, examination of witnesses — 10%, presentation of legal argument — 10%, substance of legal argument — 10%); brief of law (submitted one week after hearing as counsel) — 25%; award submitted by the end of examination — 30%; attendance and participation — 10%.

2065 or 2066 B Labour Law Problems (Trade Union Law): D. Pothier, two hours a week, spring term, or three hours a week, spring term, if a major term paper is written. Enrolment limited to 15 students. Prerequisite: Labour Law I. This course offers the student a chance to examine in a seminar setting major problems in labour relations not examined in the Labour Law I course. In the past the main areas of study have been in construction industry labour relations, public sector labour relations, and internal trade union affairs. While other topics vary from year to year, topics may include such things as remedies for unfair labour practices, bargaining unit theory, the myth of labour board expertise, the constitutional law of law relations, no solicitation rules, the labour relations of the fishing industry, and liability of union officials and officers. Evaluation: To be determined by the instructor in light of the number of students enrolled, but where a major paper is written the mark will be determined primarily by that criterion.

2053 A Landlord and Tenant: W. Fitt, two hours a week, fall term. This class is concerned with basic problems of the law of landlord and tenant and involves principles of property law and contract. It is designed to enable students to advise on general landlord and tenant problems in the residential and commercial sectors. Some emphasis will be placed on emerging housing problems and policy in the 1980's. The class may be particularly useful for those looking forward to the general practice of law. Evaluaton: Written examination and possibly class participation.

2015 A Land Use Planning: A. Bastedo, three hours a week, fall term. The class introduces the planning process and the legal tools used to regulate the use of land in urban and rural areas. It is taught by a combination of lecture, questioning and class discussion, with some guest speakers. The 1983 Planning Act and its provisions relating to Regional Development Plans, Municipal Development Plans, zoning by-laws, non-conforming uses, and subdivision controls are examined in some detail. The central tension evident in the course is the interplay between controls in the "public interest" and the rights of private landholders. The role and work of the Nova Scotia Municipal Board and the judicially imposed limits on municipal actions in the planning field are emphasized. The existing controls in the City of Halifax form a frame of reference. Evaluation: On the basis of a final examination and class participation.

2039B Laskin Moot: W. MacLauchlan, two hours a week, spring term. This course is a national moot court competition to which every law faculty in Canada is invited to send a team. The actual event takes place in late February or in March at a host Faculty somewhere in Canada. This course requires collaborative work on a hypothetical moot problem in the area of federal administrative and constitutional law. It will include extensive research culminating in the preparation of a factum. It will also include preparatory oral advocacy sessions and the eventual pleading of the problem before a bench consisting of sitting judges, administrative law practitioners, and law professors. The course will include seminars on appellate advocacy and the use of audio-visual aids in training sessions. This course is open to both second and third year students. Administrative Law and Constitutional Law are co-requisites. Participants will be selected on the basis of written applications and selection will be based upon a student's stated interest in participation, prior mooting experience, and academic record. It will also be desirable to have at least one team member capable of mooting in French. The selection will be conducted by a committee of three professors. Evaluation will be based upon the research and the factum submitted as well as upon the oral advocacy. Participation in the course satisfies the major paper writing requirement.

2019 A Law and Technology: J. Bankier, three hours a week, fall term. Requires the writing of a major term paper. Enrolment limited to 15 students. This paper course is designed to provide students with an opportunity to do independent research concerning the legal and social consequences of technology. Students will discuss their projects with the other members of the seminar in a one hour class presentation and prepare a major research paper on their chosen topic. At the beginning of the course, students will be introduced to a theoretical framework that will assist them in analysing technological problems. A number of issues relating to law and computers will then be considered, as a case study of interactions between law and the specific area of technology. The topics to be considered will vary from year to year, and will be drawn from the following areas: (1) the social impact of computers; (2) the substantive law governing computers; (3) advanced computer systems for lawyers (i.e. "expert systems," computer conferencing). No technical background or expertise in computers is required for this part of the seminar. The balance of the course will consist of student presentations of their research. Selection of paper topics is not restricted to the field of law and computers. Students are free, and encouraged to write in a wide variety of areas in which there may be legal issues associated with a particular technology. In the past, students have explored such questions as Fundy tidal power, space law, safety problems of deep sea diving, international technology transfers, copyright problems associated with photocopying or computer software, etc. Evaluation: 70% on the written paper, 20% on the seminar presentation, and 10% on general participation in the seminar.

2102A Law and Medicine: L. Rozovsky, three hours a week, fall term. Requires the writing of a major term paper. Enrolment limited to 15 students. The purpose of the class is to develop an understanding of the legal basis of the health-care system and the legal problems emanating from it, and to equip the future lawyer with the tools and the understanding to represent health clients including hospitals, nursing homes, physicians, health commissions, boards of health, licensing and registration boards, and health professional associations. Possible topics of discussion may include: consent to treatment; malpractice as a social and legal phenomenon; organization of the delivery of health services in Canada; discussion of health information in terms of access, confidentiality, as evidence; legislation relating to mental illness and its effect on the patient's civil status; medico-legal investigation of death. Field trips to various medical and psychiatric facilities are arranged, and an investigation of a death. Evaluation: Based on a major term paper and oral class participation.

2022B Law of the Sea: E. Gold, three hours a week, spring term. Requires the writing of a major term paper. Corequisite: International Law. Enrolment limited to 15 students. The conclusion of the Third U.N. Conference on the Law of the Sea was the result of the world's most ambitious law reform movement in the form of the Third United Nations Conference on the Law of the Sea (UNCLOS III), which was in preparation and in session from 1969 to 1982. The result is a new treaty which governs almost every conceivable aspect of ocean use, establishes a new regime for ocean jurisdictional zones and provides a global administrative and regulatory structure for the oceans. This seminar will undertake a detailed analysis of the "new law of the sea" by examining the Convention and other materials. Included in the analysis will be an examination of navigational issues (territorial sea, international straits, archipelagoes), resource issues (exclusive economic zone, fisheries, non-living resources; maritime boundary delimitation); protection of the marine environment; transfer of marine technology; marine scientific research; dispute settlement; international ocean development. The Canadian interest in the new law of the sea will also be examined. The class will be conducted as a seminar and students are expected to make contributions based on substantial reading. A major term paper on an approved topic will be written by all students and all students will be required to make a special oral presentation in class. It is expected that several expert visitors will address the class. Evaluation: By major paper — 75%; class participation and presentation — 25%.

2114 or 2115 B Law and the Human Sciences*: D. Poel, two hours a week, spring term, or three hours a week, spring term, if a major term paper is written. Enrolment limited to 15 students. This course introduces the perspectives of behavioural and social science disciplines as they relate to the growing field of socio-legal research. It begins with an overview of conceptual and methodological alternatives in the behavioral sciences and continues with attention to several research areas which can vary from year to year. For 1988 the topics include: perceptions of law and the legal profession, issues and research on quality of service, program evaluation of legal services and criminal justice programs, and social theory and the law. The seminar concludes with student presentation of research papers (by those students opting for the three credit, research paper assessment). Evaluation: For students taking the course by examination for two credits the evaluation will be based 70% on a final written examination, 15% for animation responsibilities in one of the topic areas, and 15% for general participation. For students writing a research paper and taking the course for three credits, the evaluation will be based 70% on the research paper, 15% on its presentation to the seminar, and 15% on an oral examination covering the seminar's reading materials.

2113B Lawyering Process: Interviewing, Counselling and Negotiating*: J. Dawkins, two hours a week, spring term. Enrolment limited to 16 students. The course will use a hands-on teaching method. This will involve students performing simulated exercises designed to increase their understanding of and proficiency with some of the functions centrally associated with almost all types of lawyering, i.e., interviewing, counselling and negotiating. Readings will concentrate on two separate but related aspects of the lawyering process: on understanding, through an interdisciplinary perspective, the ingredients that lead to successful performance of the basic lawyering functions; and on general questions concerning lawyers, lawyers' roles and professional responsibility. Students will receive regular feedback on their skill development in class sessions and through the use of videotape. Class participation is required. Evaluation: Based primarily on student performance in simulated interviewing, counselling and negotiation exercises. These evaluation sessions will be videotaped. Students will also be evaluated on written work done in conjunction with the interviewing, counselling and negotiation exercises.

2023 A or B Legal Accounting: E. Harris, G. Thompkins, two hours a week, fall term; or two hours a week, spring term. This is a basic class in the business law area and is recommended background for work in the corporate, taxation, and estate planning fields. It is not designed to produce accountants but rather to equip the lawyer to act effectively as a professional adviser to business and to be able to use principles of accounting and the services of accountants to enhance personal effectiveness. The class is also an example of interdisciplinary study, considering areas where the law and accounting overlap. Even students who have been exposed to accounting in their college work should benefit from the class, the latter two-thirds of which is taught as a law class with an approach not duplicated elsewhere in either business school or law school. No mathematical knowledge beyond simple arithmetic is required. The class begins with a study of elementary principles of double-entry bookkeeping and financial statement presentation, concentrating more on the underlying principles than on detailed drill in procedure. Next comes an examination of the structure and functions of the accounting profession. The remainder of the class concentrates on a consideration of generally accepted accounting principles, their interrelationship with the law, and their relevance to the resolution of certain legal problems. This includes discussion of the attitudes of the courts to accounting concepts; financial statements, their uses and limitations; inventory valuation; valuation of tangible fixed assets; public utility rate regulations; treatment and valuation of goodwill; allocation of income taxes; and measurement of revenues and expenses. Evaluation: By written examination — 100% final.

2116R Legal History*: P. Girard, given five hours credit — the equivalent of two hours in the fall and three hours in the spring; requires the writing of a major term paper. Enrolment limited to 15 students. Offered in alternate years. This course has two parts. In the fall term the student will be introduced to the various types of scholarly endeavour which are subsumed under the rubric "legal history," and to the major schools of thought in the American, English, and Canadian literatures on the subject. The relevance of other "specialised" fields of history, such as economic history and social history, will be discussed. The student will be introduced to research methodologies and made aware of the holdings of the Public Archives of Nova Scotia which are relevant to the study of the legal history of the province. During the fall term the student will choose an essay topic and prepare a research plan. The second part of the course will involve the preparation of an independent research paper in the winter term, under the supervision of the instructor. The paper will examine a particular aspect of the legal history of Nova Scotia, and must be based to a considerable extent on primary sources, many of which will be contained in the Public Archives. Examples of essay topics might be: the adoption of the Workers' Compensation Act of 1915; the legal position of working women in the nineteenth century; the role of the state in the regulation of education after Confederation; a study of the evolution of particular courts and the backgrounds of the judges who staffed them. The course will be open to history students with the consent of the instructor and the approval of the History Department. It would be preferable if law students had some previous background in history, but this is not a prerequisite. Evaluation: Primarily by means of the research paper.

2054 or 2055 B Legal Philosophy*: Two hours a week, spring term; or three hours a week, spring term, if a major term paper is written (not taught in 1987-88). Enrolment limited to 15 students. This class is conducted by presenting and discussing short papers in class. It has two main objectives. The first is to give students a better understanding of the traditional problems of jurisprudence through a new organizing concept which Professor Samek has called the "legal point of view." Its merits will be compared with some of the principal essence-of-law models, such as Hobbes,' Blackstone's, Bentham's and Austin's Command models, Kelsen's Norm model, Hart's Recognition model, and Fuller's Aspirational model. The relation of law and morals is discussed in this context. The second objective

is to investigate the limitations of the legal point of view and, in particular, the adequacy of "legal" law reform. The emphasis throughout will be on raising the student's consciousness. Jurisprudential doctrines are not described for their own sake, but evaluated on the basis of their relevance to concrete moral and social concerns. Discussion is non-technical, and previous grounding in philosophy is not required. The most suitable students are those who have an open mind, intellectual curiosity and social awareness. This does not mean that they are free to indulge in meaningless speculation. The class is challenging, though not in a dogmatic way. It takes nothing for granted, least of all the accepted shibboleths. Students who look for absolutes should not take this class. Evaluation: By class participation and examination, or by class participation and major term paper.

2024 or 2025 B Legal Status Based on Sex: S. Rowley, two hours a week, spring term; or three hours a week, spring term, if a major term paper is written. Enrolment limited to 15 students. This class examines the legal status of women as well as their status in society in social and economic terms. Some emphasis is placed on the legislative attempts to improve the position of women, entailing a review of relevant statutory as well as case materials. Students are introduced to the growing area of feminist jurisprudence. Some of the topics covered in the past have included matrimonial property rights; criminal law — sexual assault, prostitution, abortion; the legal position of working women; equal pay for work of equal value; sexual harassment; political rights of women; sex discrimination legislation in Canada, the United States and Britain; a critical examination of various "human rights models"; and the impact of the equality rights provision of the *Charter* — section 15. Occasionally, speakers with practical experience are invited to share their expertise with the class. Students are expected to lead part of a seminar on the topic of their paper, or if they are not writing a paper, on an assigned subject. Evaluation: By class participation and examination or by class participation and major term paper.

2075R Legislation: W. Charles, G. Walker, two hours a week, both terms. Enrolment limited to 15 students. As one of the primary sources of law, legislation is one of the basic working tools of the lawyer. Building on the First-Year Public Law class, the Legislation class attempts to give the student a more detailed view of the role of legislation in the legal process. The class has two major focal points. One is directed towards giving the student a better appreciation of how a statute is created, including the basic underlying policy decisions upon which it is based, the statutory scheme developed to carry out the legislative process, and the problems faced by the drafters in translating general ideas into specific unambiguous language. The second major emphasis is directed towards giving the student an appreciation of the court techniques involved in judicial interpretation of statutes. The rules of interpretation can be tested very easily. To appreciate how they are used by the courts is much more difficult. Understanding gained in this class should be related to other classes and areas of the law where legislation plays an important role, e.g., Constitutional, Administrative, Taxation Law. The class may help to increase appreciation for appropriate use of language in legal work of all types. The class is conducted by discussion of assigned readings from cases, other materials, by written assignments and projects. Evaluation: By written examination, written assignments and projects.

2084 or 2085B Marine Insurance Law (Admiralty Law IV)*: E. Gold (not taught in 1987-88), two hours a week, spring term, or three hours a week, if a major term paper is written. Enrolment limited to 15 students. Marine insurance is offered in alternate years with Maritime Collision and Salvage. This class provides a more thorough survey of the law and practice of marine insurance, protection indemnity insurance and general average than that given in Admiralty I. Canadian, British and American law is examined against the background of the long historical evolution of marine insurance. Emphasis is on the practical aspects of placing a marine risk, the construction of the policy (including the use of the new London form), and the rights of the underwriter and insured. There will be a number of guest lecturers such as marine insurance brokers, shipping executives, underwriters, etc. It is a unique class in North America, designed to provide a thorough knowledge of marine insurance law for those who have a special interest in the area; to complete the specialization in shipping law available through Maritime Collision and Salvage and Carriage of Goods by Sea; and to provide specialized knowledge in marine insurance for those who are interested in the general law of insurance and commercial law. Evaluation: By a combination of two or more of: class participation, assigned problem, minor paper and examination. The writing of a major paper requires permission of the instructor.

2038B Maritime Collision and Salvage (Admiralty II)*: E. Gold, two hours a week, spring term. This class is offered in alternate years with Marine Insurance law. Prerequisite: Admiralty Law I. This is an advanced class in shipping law concentrating on the Law of Marine Collisions and the Law of Marine Salvage in a more thorough manner than is possible in Admiralty I. In the part of the class dealing with collisions, a thorough examination of the 1972 International Collision Regulations is undertaken together with the relevant case law from the Canadian, British and American Admiralty Courts. Practical collision problems are studied against a technical background — i.e., marine radar and other collision avoidance systems. In particular, students work on an actual simulated collision case with nautical students from the Nova Scotia Nautical Institute, who provide the technical background, witnesses, etc., in a practical collision situation. In the part of the class dealing with marine salvage law, the problems relating to marine salvage are examined with particular emphasis on recent developments in the law. The objective of the class is to provide in-depth knowledge in two important areas of shipping law for those who require specialization in that area of law, and practical exposure to the procedure of the Admiralty Division of the Federal Court of Canada. The class is taught by: (i) lecture and seminar-style discussion with assigned materials; (ii) preparation of a collision case in the Federal Court of Canada using a collision situation simulated by the Nova Scotia Nautical Institute. Evaluation: By actual participation in a simulated collision problem requiring the taking of testimony, cross-examination of witnesses, a P & I Club memorandum and the production of actual Federal Court of Canada pleadings, worth two-thirds of the mark, and by class preparation and participation, worth one-third.

2095 or 2096 A Media Law: A. Parish, two hours a week, fall term; or three hours a week, if a major term paper is written. Enrolment limited to 15 students. This class is designed to explore, research and evaluate the constraints of both statute and common law that are placed on the media. Specific areas of discussion include: the ownership of the media, regulation of the media, copyright law, cable television, censorship, defamation, reporting of parliament, advertising, comparisons with the American system, criticism of the judiciary, prejudice of a fair trial, freedom of information, and the CRTC. Each student must prepare and lead a two-hour seminar on a certain topic. The term paper, if one is being submitted, can be an extension of the seminar paper. Outside experts from the different areas of discussion are encouraged to attend. Evaluation: Comprised of 60% from the term paper and 40% from the seminar work. If the student writes an examination, the evaluation will be 50% from the examination and 50% from the seminar work. The seminar's work is comprised of the seminar presentation and overall class contribution.

2016 B Negotiable Instruments: P. Thomas, two hours a week, spring term. Corequisite: Commercial Law. This class introduces the student to the basic problems associated with the Bills of Exchange Act in relation to dealing primarily with cheques and promissory notes. The class concentrates on disclosing an understanding of the mechanism of the negotiable instrument and the practicalities of using them and suing on them. Should time allow, problems associated with travellers' cheques and credit cards are discussed as well as the development of an electronic payments system which might move us towards a cashless society. Evaluation: To be determined by the class and the instructor but primarily by a written examination.

2067B Niagara Moot: H. Kindred, two hours a week, spring term. The Niagara Moot concerns issues of internation law affecting the bilateral relationship of Canada and the United States. It is sponsored by the Canadian-United States Law Institute and is open to students in any law school in either country. The Tournament takes place in the spring term and is hosted by a different participating law school each year. The problem is issued at the beginning of January and the moots take place in late March. Each team, consisting of two to four members, is required to submit a

memorial, or written argument, for one side and to argue the case for each side twice. The Niagara Tournament is open to students as a superior level mooting program for credit. The course requires research in international law, the writing of a memorial for each side, performance in mooting trials and the argument of the case at the Tournament. A knowledge of international law is essential. Participation carries 2 credits, will be graded and satisfies the major paper writing requirements.

2056B Oil and Gas Law: I. Townsend-Gault, two hours a week, spring term or three hours a week, if a major term paper is written. This class is designed to provide a basic outline of the legal techniques employed by government in the regulation of the Canadian oil and gas industry and of the legal problems involved in the exploration for, development and production of oil and gas reserves. The class will devote equal time to the legal regime in Western Canada and the offshore. Topics studied include: the origin, nature, occurrence, exploration for and production of petroleum and natural gas; the nature of legal interests in petroleum and natural gas; a comparative study of the alternative methods of disposing of state interests in petroleum and natural gas, the acquisition of jurisdiction over off-shore areas in international law; the constitutional setting for the regulation of Canada's off-shore petroleum and natural gas resources; the existing legislative framework for development in off-shore areas; and development of petroleum and natural gas resources including basic lease provisions, farm-out and joint venture agreements, and jurisdiction over or regulation of interprovincial pipelines; offshore installation; and environmental issues. Evaluation: By written examination or approved project, or a combination of them, for those claiming two credits. If the course is taken as a major paper course, evaluation will be primarily by major paper. Evaluation for both the examination and paper option will be spelled out in the first class.

2078B Poverty Law*: T. Kemsley, three hours a week, spring term (not offered in 1987-88). The class begins with an examination of the definition of poverty. A perspective is sought which examines cultural, psychological, political, sociological and legal approaches. A major portion of the class consists of an examination of legal aid delivery systems and a comparative approach is used. The class also deals with problem areas that are of particular or potential importance to poor people, such as social assistance, unemployment insurance, pensions, and housing problems. The class examines the existing statutes in these areas and the few cases that have reached the courts. The class entails a fairly intensive treatment of poverty problems and the lawyer's role in pursuing remedies to those problems. Evaluation: By examination for at least 50% of the final grade with the remainder based on a combination of a paper or other written component, and class participation and presentation. This will be determined to a large part by class size and will be discussed and decided in the first class.

2026 A or B Property II: A. Crowe, D. Bryson, four hours a week, fall term, or two hours a week, both terms. This class is designed to provide a comprehensive introduction to vendors and purchasers and mortgage law. Legal principles underlying all aspects of the real estate transaction are examined on the basis of judicial decisions and statutes. Principal topics discussed include the listing agreement; the real estate contract, conditional agreements, vendor's title obligations; the closing, tender, specific performance and forfeiture of deposit, fire damage and insurance, conveyance and rights after closing, remedies of vendor and purchaser; mortgage financing, the nature of a mortgage transaction, the form of the mortgage deed, interest, collateral advantages, rights and responsibilities of borrowers and lenders, guarantors, priorities among secured creditors; mechanics liens and building contracts. The class is conducted by lecture and class discussion. Evaluation: By final examination.

2057 or 2058 B Regulated Industries*: R. Thompson, Two hours a week, spring term, or three hours a week, spring term, if a major term paper is written (not offered in 1987-88). Enrolment limited to 15 students. Corequisite: Administrative Law. Regulation, "re-regulation" and "de-regulation" are the themes of this course. As an advanced course in administrative law, its emphasis will be upon the regulatory process itself and the industries subjected to regulation. At the start of the course, students will be introduced to the economics of regulation. No background in economics is required but a grasp of economics and finance will be helpful. Topics to be covered will include: Constitutional jurisdiction, reforms in competition law, telecommunications (both federally and provincially), broadcasting and cable, airlines, gasoline, electric power, motor carriers, agricultural marketing boards, and rent review. Throughout the course, current issues will be highlighted, notably the costs of regulation, the potential for deregulation, the redesign of the regulatory process, the role of public interest intervenors, and the inevitable tension between efficiency and equity. Students taking the course by way of major paper will be required to submit a paper topic of their choice one month into the course, an outline by mid-term, and the final paper by the end of the third month. Students will be expected to attend and observe at regulatory hearings during the course. Active participation in seminars is expected of all students. Evaluation: By 10% class participation, 70% major paper, and 20% examination (one question, one hour only) for major paper students. For students taking the course by examination, evaluation will be by 70% examination (three hours), 10% class participation, and 20% short report of attendance at a regulatory hearing.

2029 A or B Taxation I: F. Woodman, L. O'Brien, four hours a week, fall term; or four hours a week, spring term. This is a basic class in the method and content of Canadian income tax law — including historical background, statutory provisions and cases, and a consideration of the function of the lawyer as an adviser on income tax matters. Discussion covers income tax administration and procedure, the interpretation of taxing statutes, jurisdiction to tax, aspects peculiar to corporate taxation, capital gains and losses, eligible capital property, capital cost allowance and the taxation of estates and trusts. The class emphasizes the analysis of assigned cases, statutory provisions, general readings and problem situations. Throughout the study of these materials, the underlying philosophy and policy considerations are subject to constant examination. At the same time, students must engage in detailed and thorough analysis and interpretation of statutory provisions, regulations and judicial decisions. Evaluation: To be determined by class and instructors, but will be based primarily on a problem-oriented written examination, with the probability of optional in-term written work counting for a certain percentage of the work.

2030A Taxation II: E. Harris, two hours a week, fall term. Prerequisite: Taxation I. This class involves an intensive analysis of specialized but important areas of income tax law, especially capital gains and losses, eligible capital property, capital cost allowance, and the income taxation of estates and trusts. The class is taught by lecture and discussion of illustrative problems. Evaluation: By written examination.

2059 B Taxation III: E. Harris, two hours a week, spring term. Prerequisites: Taxation I and Legal Accounting (or equivalent accounting background). Corequisites: Business Associations and Taxation II. Enrolment limited to 20 students. This class provides a detailed analysis of the income tax treatment of corporations and partnerships and of family transactions, and consideration of some aspects of tax planning. The class is an intensive one, designed primarily for students who contemplate some degree of specialization in corporate and tax matters. The class is conducted primarily by student presentation of solutions to selected problems. Evaluation: By class presentation of solutions to assigned problems (one-third); paper presenting solutions, as a follow-up to class presentation (two-thirds).

2031A Torts II*: J. Merrick, three hours a week, fall term. Requires the writing of a major term paper. Enrolment limited to 20 students. This course is designed to permit students to explore in a more comprehensive way some of the areas and problems to which they were introduced in the first year Torts course. Using the Tort/Contract interface as a focus for initial discussions, the course will identify and explore in detail the fundamental principles and concepts underlying most areas of tort law. This will be accomplished by analyzing the interrelationship between tort and contractual liability to determine similarities and differences and thus identify the operative concepts. Using this framework the course will go on to study several currently significant and developing areas of tort law to determine if the fundamental principles are operative in those areas. The areas of tort law to be examined will include negligent misrepresentation, product liability, pure economic loss, including economic loss torts, such as inducing breach of contract, limitation problems and assessment of damages. Other areas of tort law will be explored in the context of an actual case which will,

hopefully, illustrate some of the practical problems that arise in tort litigation. Topics to be covered in this part of the course will include the law of nuisance, class actions, expert evidence and problems of causation. Each of these areas will be explored to understand the current state of the law, how the fundamental principles are operating in each and the practical considerations which influence and are reflected in current court decisions. Evaluation: By a combination of major paper (80%) and class participation (20%). The class participation mark will be based on assigned class presentation.

2036A Urban Law*: K. MacInnes, two hours a week, fall term. This introductory course is concerned with the structure and functions of local government. Alternative forms of local government are considered in the context of functions of independent and semi-independent boards and of provincial control. Particular topics considered are assessment, expropriation for municipal finance, and the exercise of representative powers of local governments, in particular, those affecting the traditional "rights" of private landowners. The class is conducted by lecture and discussion of materials. Evaluation: By class participation, a seminar presentation and/or paper.

2037 A or B Wills: F. Woodman, J. Yogis, two hours a week, fall term; or two hours a week, spring term. Corequisite: Equity and Trusts. The class explores the general principles relating to preparation, execution, interpretation and administration of wills. A brief examination of the broad problems surrounding the transmission of wealth, and a cursory comparison of other devices (will substitutes) serve to outline the context in which the will is used. However, this could not be described as a class in succession; attention is focused mainly on wills. The class is conducted by lecture and discussion of cases, statutes and other material. Problems may also be used. Evaluation: By written examination, or a combination of examination and assessment of performance during term.

Admission

Students are admitted to classes as regular undergraduates in law, as occasional students, or as graduate students.

Admission To Bachelor Of Laws Course (Full-Time and Part-Time)

Regular Applicants

The Admissions Committee of the Faculty of Law may admit applicants as regular candidates for the LLB degree if they meet the following qualifications:

(a) The applicant must have received, with standing satisfactory to the Admissions Committee, the degree of Bachelor of Arts, Science or Commerce, or an equivalent degree from Dalhousie University or from another degree-granting college or university recognized by the Senate.

(b) An applicant with no degree within rule (a) must have completed, with standing satisfactory to the Admissions Committee, at least three full years' studies after junior matriculation or two full years' after senior matriculation of a course leading to the degree of Bachelor of Arts, Science or Commerce or an equivalent degree at Dalhousie or at another degree-granting college or university recognized by the Senate. Normally, this means that the applicant is within one year of receiving a degree in the undergraduate programme followed. For the purposes of this rule junior matriculation means Nova Scotia Grade XI or equivalent and senior matriculation means Nova Scotia Grade XII or equivalent.

Special Status Applicants

An applicant who is considered as a regular applicant may also be considered as a special status applicant if the application indicates a significant amount of non-academic involvement to which the Admissions Committee is prepared to direct special consideration. Generally, a special status applicant will be a person not less than twenty-five years of age who has had at least five years' experience in a significant employment capacity or in a significant community activity. A special status applicant must submit a Personal Statement and should arrange to have additional Reference Statements forwarded to the Admissions Committee from persons familiar with the applicant's non-academic experience.

Applicants who, despite economic, cultural, racial, or ethnic disadvantages, have made significant contributions to the community or who have shown exceptional capacity to respond to the challenges of employment, may be given special consideration.

Mature Applicants

Where the applicant has not met the foregoing formal educational requirements the Admissions Committee may, in very exceptional circumstances, admit a limited number of applicants as mature students where it is of the opinion that, in all the circumstances, the applicant has demonstrated by the length and quality of non-academic experience the equivalent in substance of the formal education specified in paragraph (b).

Mature applicants must normally be twenty-six years of age on or before September 1st of the year for which they seek admission to law school. Mature applicants are also required to write the Law School Admissions Test, to have an interview with the Admissions Committee, and to submit to the Committee a detailed resume of their non-academic experience along with letters of assessment from persons who are familiar with their contributions and achievements. The Committee is particularly interested in gathering information with respect to the candidates' ability to organize their life and their work in order to cope with the demands of law school, their ability to reason and analyse, their ability to express themselves orally and in writing, and their potential for contribution to the community. Generally, the Committee requires, as a minimum, an accumulation of five or more years of experience in a candidate's particular field of endeavour.

Applicants who are accepted in one of the designated special categories may, as a condition of their acceptance to law school, be required by the Admissions Committee to successfully complete, either prior to or during their first year of law school, a designated course of study.

All applicants must have completed their applications (subject to filing LSAT scores, the current year's academic transcript, and letters of reference) and sent them to the Admissions Office, by February 28. Late applications may be accepted in the discretion of the Committee. LSAT's written in June will not be considered for positions in the class commencing the following September. It is the responsibility of the applicant to ensure that all materials relevant to the application are received by the committee. Applicants who have failed first year law and are applying for readmission in the year immediately following the failure must do so by September 1.

Native Applicants

Native People applicants, whose previous academic background does not meet the admissions standards, are eligible to apply for admission to the Faculty of Law through successful completion of the Program of Legal Studies for Native People at the University of Saskatchewan, College of Law. Application forms and further information are available from Professor Don Purich, Director, Program of Legal Studies for Native People, University of Saskatchewan, College of Law, Saskatoon, Saskatchewan.

Additional Admission Information for Part-Time Applicants

Students interested in pursuing a part-time LLB at Dalhousie should do the following:

(1) In addition to completing the regular admissions package, submit a brief written statement outlining your reasons for seeking admission to the Part-time Studies Program and indicating whether you wish to do First Year on a full-time or half-time basis. This statement should be in addition to the Personal Statement which forms part of the regular application material. Admission to the Part-time Program is limited. Not all students who meet the standards for acceptance to the LLB program will be permitted to do the degree on a part-time basis. You should note that, in considering whether to admit an applicant into the Part-time Studies Program, the Committee in its discretion will give special consideration to factors such as family responsibilities, financial hardship, employment commitments, health problems, physical handicap, age, and racial, ethnic or economic disadvantages.

(2) Students already accepted into the full-time LLB who wish to enter the Part-Time Studies Program should write a letter supplying the information requested in the previous paragraph and send it to Ms. Rose Godfrey, Admissions Office, Dalhousie Law School, Halifax, Nova Scotia, B3H 4H9. This letter may be sent along with your confirmation of acceptance and your deposit. It may also be sent at any time before registration, though earlier applications are likely to fare better than later ones. Take note that, even for those already accepted into the full-time LLB, acceptance into the Part-Time Studies Program is by no means automatic.

(3) Sometime in the Spring of 1988 you should contact the bar society of any province in which you might want to practice law, in order to escertain whether they will accept a Part-time LLB from Dalhousie as meeting their requirements.

LLB/MBA Program

Students intending to make application for the joint LLB/MBA program should inquire directly to the Admissions Officer, LLB/MBA Program, Registrar's Office, Dalhousie University.

Admission From Another Law School

Students seeking admission from another law school who have failed to satisfactorily complete studies there, must submit with their application a letter from the Dean or Registrar stating that in all respects they are eligible to repeat or continue studies at that school. A student not permitted to continue will be considered ineligible for admission at Dalhousie.

Undergraduates of other law schools who satisfy the standards for admission to the LLB program may be admitted with advanced standing, provided they are in good standing where previous studies have been undertaken, the work they have completed is satisfactory to the Studies Committee, and the courses to be completed for an LLB degree can be arranged. To qualify for a degree the student must normally complete two full years at Dalhousie. In some cases, a degree may be granted after one full year. Well qualified graduates of a Quebec law school or persons with a

law degree from outside Canada may be admitted into a special one or two year program. Enquiries should be directed to the Administrative Officer at the law school.

Semester at a Quebec Law School

Faculty Council has passed a resolution in favour of the development of student exchanges with Quebec Law Schools at the undergraduate level, and an agreement has been reached with Laval University and the University of Sherbrooke to enable Dalhousie students to receive credit for a semester of work at those institutions.

Students interested in getting involved in such a program must have sufficient capacity in the French language to attend classes given in French, although examinations could be written in English. Interested students should contact Professor Bruce Archibald at the Dalhousie Law School.

Semester at the University of Maine Law School

Students who have completed half the work needed for graduation from the Faculty of Law are eligible to spend one semester at the University of Maine School of Law in Portland and receive full credit towards their degree at Dalhousie. Such students are registered at Dalhousie and pay tuition here only. The program has received the approval of the Qualifications Committee of the Nova Scotia Barristers' Society.

This opportunity to live in the United States and study at an American Law School should interest both students who contemplate graduate work in the United States and those who would find background in American law helpful.

Students interested in participating in this program should contact the Dean's Office for further information on application procedures.

Civil Law/Common Law Exchange Program

The Law School is host to the Civil Law/Common Law Exchange Program, which is funded by the federal Department of Justice. The program brings thirty law students from Quebec's civil law schools to Dalhousie for seven weeks to study common law. At least thirty law students from Canada's common law schools spend the same period of time at the University of Sherbrooke Law School studying civil law. There is a second session of three weeks of comparative study in which both groups work together. This second session alternates between Halifax and Sherbrooke and takes place immediately after the seven week long first session.

Students may obtain two credits for participation in the Program upon receiving permission of the Law School's Studies Committee.

More information can be obtained from Professor Wade MacLauchlan, the Director of the Program.

Admissions Policy

In assessing applications, emphasis is placed primarily on an applicant's academic record and LSAT score. The Admissions Committee also considers non-academic experience, letters of reference and other factors in making its decisions. Interviews by the Admissions Committee of applicants with significant non-academic experience may be held at the discretion of the Committee.

Admissions Procedure

Students seeking admission to the Law School for the first time must complete an application on the form provided, and forward this with supporting documents to the Admissions Office, Dalhousie University, Halifax, N.S. B3H 4H6. An application fee, which is not refunded, must accompany each application. Students applying for admission are required to submit results of the Law School Admissions Test of the Educational Testing Service, Princeton, New Jersey. Students inquiring about admission are advised of arrangements to take the test at Canadian universities.

The Admissions Committee may consider applications as soon as they are received or it may postpone consideration of some or all applications until June. Deposits of $200 are required to hold a place in the law program. All prepaid deposits are applied to the first instalment due for tuition fees. Refunds of $100 are made to students who give notice of their withdrawal from the program prior to July 15. Otherwise, no refund is made to students who withdraw. Prospective applicants should confirm from the faculty that this information has not been changed subsequent to this printing.

Admission as an Occasional Student

Subject to University regulation a student may be admitted as an occasional student to attend one or two classes. Attendance or performance in classes or any examinations is not credited for degree qualifications. Those wishing to be admitted as occasional students should apply to the Law School Studies Committee.

Admission to the Practice of Law

Prospective students are advised to consult the Law Society in the law district where they hope to practice for specific information on qualifications for admission to the Bar. Some bar societies may require more extensive university training for admission to the Bar than is required for admission to Law School. Specific inquiries should be directed to the appropriate bar society.

Under the Rules and Regulations of the Nova Scotia Barristers' Society a student desiring admission to the Bar of Nova Scotia must serve under articles of clerkship with a practicing solicitor for a period of twelve consecutive months after receiving a degree in Law from Dalhousie or any other approved University. As part of their twelve months of articling, students are required to complete the 6-week Bar Admission Course, and to pass the comprehensive examination given during the Course. The articling period starts on June 1.

Students who complete a period of articles in another province may apply to the Qualifications Committee of the Barristers' Society for credit towards the twelve month requirement.

The Law Society of Upper Canada admits holders of the Dalhousie Bachelor of Laws degree to the Bar Admission Course conducted by the Society for candidates for admission to the practice of law in Ontario.

In other provinces of Canada where the common law system is in effect the degree of LLB from Dalhousie is recognized as fulfilling academic qualifications and as preparation for practical training for admission to the Bar. Information concerning particular elective courses recommended by the law society of a Province for inclusion in a student's course of studies is available from the Placement Office.

Faculty Regulations

Academic Year (1988-89)

The Academic Year consists of one session of two terms covering a period of about thirty weeks. The first term of the session begins on Wednesday, September 7, 1988 and ends not later than Saturday December 17, 1988. The second term of the session begins on Tuesday January 3, 1989 and ends on Saturday, April 29, 1989. Please consult the faculty for final confirmation of these dates.

Registration

Students are registered for the whole session only and not for one or other of the two terms. The only regular registration day for the Academic Year 1988-89 in the Faculty of Law is Tuesday, September 6. Late registration requires the approval of the Dean of the Faculty, and payment of an extra fee.

Class Work and Attendance

In order that their class work may be recognized as qualifying for a degree, candidates must conform to the following requirements:

1. All students are expected to attend the classes of their prescribed courses regularly and punctually.
2. They must appear at all examinations and prepare all essays and assignments satisfactorily.
3. In determining pass lists the standings attained in prescribed class exercises and research work and in the various examinations are taken into consideration.
4. A student whose work becomes unsatisfactory or attendance irregular is reported to the Dean, and the Faculty may require the student to discontinue attendance in the class or classes concerned and to be excluded from the examinations.

Examinations and Pass Requirements

Regular Examinations and Assignments

Final examinations are held immediately before the Christmas vacation and after the completion of lectures in the spring.

Special Examinations and Assignments

Where it can be established that, for medical or personal reasons, a student's ability to pursue a course or to write an examination or complete an assignment for credit was significantly hampered, the Faculty may allow the student to write a special examination or complete a special assignment.

A student who wishes to petition the Faculty for permission to write a special examination or complete a special assignment must, if possible, notify the Dean or his nominee prior to, and in no case later than the end of the examination or assignment in question.

Supplemental Examinations and Assignments

A student who attains the required average of 55% by regular and special examinations or assignments and who has failed not more than two courses is entitled to write supplemental examinations or to complete supplemental assignments in the courses failed. The student must pass the supplemental examination(s) before advancing to the next year, unless the student is in Second Year and is eligible under one of the other rules relating to pass requirements.

Students permitted to write special examinations or complete special assignments will be entitled to write supplemental examinations or complete supplemental assignments should they fail the special, provided they otherwise meet the requirements for entitlement to write supplementals. Moreover, a student who encounters medical or personal difficulties in preparing for or writing a supplemental assignment may, upon petition, be granted permission to complete the course requirements by supplemental procedures at a later date.

Where a student fails a course and writes a supplemental examination, both the mark in the final examination and the mark in the supplemental examination appear on the record. Supplemental examinations and assignments are marked "Pass" or "Fail." A student's mark in the regular examination or assignment is used for all purposes connected with the computation of the average, including class standing. Marks in supplementals are used for all purposes relating to the satisfactory completion of a particular course.

Supplemental examinations are written in July and, in exceptional circumstances, on other occasions specially arranged. Application to write a supplemental examination must be made on or before Friday, June 23, 1989 on a form to be obtained from the Office of the Dean and must be accompanied by the proper fee.

Pass requirements for first, second and third years are now under review. Please check with the Faculty for the most recent requirements.

Pass Requirements: First Year

The pass mark in a course is 50%, but an overall weighted average of 55% is required for advancement. A student who fails to attain the required average of 55% by regular and special examinations or assignments fails the year. Students in first year must attain an overall weighted average of 55% and pass every subject, either by regular, special, or supplemental examination, before advancing to Second Year. A student who fails in more than two courses also fails the year regardless of overall average. Students who fail the year are not permitted to advance to Second Year or to write the supplementals. They may apply for readmission. The success of any such application depends on all the factors considered by the Admissions Committee. Readmission in the year immediately following failure is only possible if vacancies develop in the first year class after the Admissions Committee has closed its waitlist, but not later than the first Friday in October. The Admissions Committee has imposed a deadline of September 1 for receipt of applications for readmission in the year immediately following failure.

In April, 1977, the following grade distribution scheme for First-Year marks was adopted by Faculty Council. Any variation from the permissible range of marks must be approved by Faculty Council:

Permissible Grade Distribution

First-Year Grades

A	5-15%
B	30-50%
A & B together	45-55%
C	20-35%
D	10-20%
E	5-10%
F	0-5%

Median grade: 62-66

Pass Requirements: Second and Third Year

The pass requirements for Second and Third years are the same as for First Year, except in the following respects:

(i) Cumulative Average: A student in Second or Third Year is required to attain a cumulative average of 55%. In other words, in the case of a Second Year student the average in First year is added to the average in Second Year and divided by two and in the case of a Third Year student, the averages in First, Second, and Third years are added together and divided by three.

(ii) Applicable only to Third Year — The University "up-and-down" Rule: A Third Year student who, without recourse to supplementals, fails only one course and attains an average on the work of the year that exceeds 50% by twice as much as the failure in the course is below 50% is permitted to graduate.

(iii) The "60-40" Rule: A student in either Second or Third Year who, without recourse to supplementals, fails only one non-compulsory course,

makes 40% or more in that course and has an average of 60% or more on the work of the year is permitted to advance or graduate, as the case may be. Students who have satisfied these conditions may, if they wish, write a supplemental examination in the course failed to improve their record in that course.

(iv) Applicable only to Second Year — Carrying a Failure into Third year: A student in Second Year who fails only one course and has an average of 60% or more on the work of the year is permitted to advance and may carry the failed course as an integral and additional part of the Third Year program. Where the failed course is optional, the student may petition the Committee on Studies for permission to take a course or courses other than the one that was failed.

(v) A Part-time Rule for Those with One Failure: A student in Second or Third Year who fails only one course and who is not eligible for or does not opt for advancement or graduation under (ii), (iii) or (iv), supra, may take the course again on a part-time basis and may write the next regular examination or assignment in the course. Where the failed course is optional, the student may petition the Committee on Studies for permission to take a course or courses other than the one that was failed.

This part-time year counts as one of the four years during which a student must complete the full-time LLB course to qualify for the degree.

(vi) Grade Distribution: The grade distribution scheme used for First Year marks is used as a general guiding principle for Second and Third Year marks. In an attempt to prevent excessive disparity in grades between sections of courses, the Faculty has adopted requirements for co-reading of examination questions by faculty members, and cross-reading of selected examination papers. The specific requirements can be obtained from the Associate Dean's office.

Please note that some aspects of the Pass Requirements are now under review by Faculty Council. Please check with the faculty for the most recent rules.

Review Process

The following review procedures were passed by Faculty Council in October 1980, as amended March 1987 and are now in effect.

Part I

1. (a) A student, who is dissatisfied with the grade received in a course or in a component of a course may discuss the grade informally with the Faculty member involved.

(b) A student, having received the final grade in a course, may seek a review of the grade given in any written component of the course on the basis that an error has been made in grading.

(c) A student may seek a review of the result of a special or supplemental examination on the basis that an error has been made in grading.

(d) The Request for Review shall be made by letter to the Associate Dean not later than 21 days following distribution of the grade. If special circumstances or cause exists, the Associate Dean may permit a Request for Review to be filed after the 21 day period has elapsed.

(e) The written Request for Review shall be accompanied by the sum of $15.00 (refundable if the appeal succeeds). (The Committee on Studies may waive the $15.00 fee on the basis payment would cause financial hardship). The written Notice shall also contain:

(i) the student's name and code number;

(ii) the name of the course and of the faculty member(s) who taught and/or evaluated it; and

(iii) a *reasonable* explanation of the nature of the error in grading which the student believes affected the mark or grade received.

(f) The Associate Dean shall notify the faculty member or members in question of the Request for Review immediately, unless the provisions of paragraph 2(a) apply and shall provide to the faculty member a copy of the Request for Review or of the Notice.

2. (a) Upon receiving a written Request for Review in accordance with paragraphs 1(d) and 1(e) hereof, the Associate Dean shall, where the Request or Notice concerns a grade of 60 or higher, and in any other case may refer the matter to the Committee on Studies to consider whether or not to allow the review to proceed.

(b) Where, pursuant to (a) hereof, the Associate Dean refers a Request for Review and in its opinion, but subject to sub- paragraph (c) hereof:

(i) the Request or Notice is not being made on the basis that an error has been made in grading or

(ii) a successful review is highly unlikely, having regard to the additional marks needed in a particular course, or the number of courses in which improvement is needed to materially or significantly affect the standing of the student,

the Committee on Studies may refuse to allow the review to proceed.

(c) A student whose request for review is referred to the Studies Committee shall be given an opportunity to meet the Committee or, if that is not practical, to write on the matter.

(d) The Associate Dean may join in the deliberations of the Studies Committee but shall withdraw before the Committee makes its decision.

(e) The Associate Dean shall notify the faculty member(s) and student(s) involved of the decision of the Committee on Studies to permit a Review to proceed.

3. Subject to paragraph 4 hereof, within five (5) working days of receipt of notification of a Request for Review pursuant to paragraph 1(a) or paragraph 2(f) hereof, the faculty member shall advise the Associate Dean whether he or she agrees that an error in grading occurred and shall recommend to the Faculty Council that:

(i) the grade or mark remain unchanged;

(ii) that the grade or mark be lowered, and by how much; or

(iii) that the grade or mark be increased and by how much.

4. (a) When, in the opinion of the Associate Dean, it is impossible or impractical within the time limits prescribed above:

(i) to notify the faculty member affected of the Request for Review;

(ii) to obtain from him or her the decision called for in paragraph 3 hereof; or

(iii) to receive the cooperation of the affected member of the faculty in the conduct of the review, the Committee on Studies may extend the time within which:

(i) to notify the faculty member of the Request for Review; or
(ii) the faculty member shall make the decision and recommendation required by paragraph 3 hereof; and

(b) where the cooperation of the faculty member affected cannot be obtained at all or obtained within a time-frame that would not prejudice the student, the Committee on Studies may proceed with the Review by

(i) requiring another member of faculty to evaluate the written component in respect to which the Review has been requested and to comply with paragraphs 3 and 5 hereof; or

(ii) omitting (a) hereof entirely and, after receiving a submission, if desired, from the student, deciding upon a reasonable method of review.

5. The faculty member's decision shall include a report of his or her deliberations, containing inter alia, an indication (a) of the mode of grading the assignments in the course and (b) an assessment of the student's work.

6. The Associate Dean shall write to the student indicating the result of the review and enclosing a copy of the decision.

7. The student may discuss the decision with the faculty member but his or her unavailability or unwillingness to participate in a discussion shall not justify the student's failure to take the next step called for in paragraph 8 hereof and in the time there provided.

8. Any student may initiate a review from the decision of a Faculty member by giving written notice to the Associate Dean within seven (7) days of its receipt, which shall indicate the basis for the review.

9. Upon receipt of the notice of review, the Associate Dean shall appoint two persons, preferably with expertise in the subject, as a review board, to review the grade assigned and to determine whether an error has been made in evaluating the student's work.

10. (a) The Associate Dean shall provide the review board and the student with unmarked copies of all documents relevant to the review together with a copy of the faculty member's decision.
(b) The Associate Dean shall provide the review board with a copy of all documents relevant to the review of:

(i) at least one other student whose mark or grade was five (5) or more higher than that obtained by the student seeking the review;

(ii) at least one other student whose mark or grade was five (5) or more lower; and

(iii) the student whose mark or grade was the best in the course.

11. (a) The members of the review board shall independently review the grade assigned to determine whether, in their opinion, an error has been made in grading the work of the student in the context of the mode of grading and the grades assigned the other students whose work is being used for comparison.
(b) Subject to sub-paragraphs (c) and (d) hereof, the members of the review board shall meet and shall assign a final grade on the work received.
(c) Where the grade being reviewed is an E, F/M or an F, (or a mark within those grades), or where the student's eligibility to register for the next year of study in law or to graduate may depend upon the mark or grade assigned by the review board, and where it finds that there has been an error in grading, it shall have an unrestricted power to assign such mark or grade, whether the same as or higher than that assigned by the professor affected, as it deems appropriate.
(d) Except as otherwise provided in sub-paragraph (c) hereof, where the grade being reviewed is a D or higher, (or a mark encompassed within the grade of D or higher), the review board shall retain the mark or grade assigned by the professor unless it finds that there has been an error in grading, and it recommends that the mark or grade in the written component under appeal be increased by such an amount that it will cause the student's final mark in the course to be changed by three (3) marks or more.
(e) When the review board cannot agree upon a change in mark or grade, the mark or grade under review shall remain unchanged.
(f) The review board shall report its decision to the Associate Dean within twenty-one (21) days of its appointment.
(g)The Associate Dean shall report the decision of the review board to the student and provide a copy of its decision.

12. The Associate Dean shall report periodically to Faculty Council concerning the results of Part I appeals.

Part II: Other Academic Matters

1. Student appeals and grievances on all other academic matters relating to academic standards, course requirements, examinations and other evaluative procedures, grades pass requirements, advancement requirements, graduation requirements and other University or Faculty academic regulations, including matters decided in the first instance by the Studies Committee, may be made by notice in writing to the Studies Committee. A student who had made an appeal or grievance to the Studies Committee shall be given an opportunity to meet the Committee or, at the student's option, to write on the matter. The Studies Committee shall decide each such appeal or grievance and report its decision to the student forthwith and to Faculty Council. If the Studies Committee has not decided an appeal or grievance written one month after receipt by the Committee of the notice in writing, the student may appeal the matter to Faculty Council.
On February 15, 1985, Faculty Council adopted as a standard for a Part II Review that an evaluation fails to satisfy the requirements of a Part II Review where it is shown that the evaluation was not conducted fairly , was not conducted properly or was not conducted by competent evaluators. For the purposes of this section, "conduct" will include the setting, administration and marking of the evaluative device.

2. A part II appeal shall be initiated within 21 days following distribution of the grade by a notice in writing to the Associate Dean, and shall be accompanied by:
(a) a concise statement identifying the teacher and course that is the subject of the appeal;
(b) the sum of $15.00 refundable if the appeal succeeds: (The Committee on Studies may waive the fee in the basis payment would cause financial hardship).
(c) where applicable, a statement of the reasons why the student alleges that the evaluation was not conducted:

(i) fairly;

(ii) properly; or

(iii) by competent evaluators.

(d) the order in which the student wishes the appeal to be heard, where a Part I appeal was also filed by the student.

3. If special circumstances or cause exists, the Committee on Studies may permit a Part II appeal to be filed after the 21 day period provided in paragraph 2 of this Part hereof has elapsed.

4. (a) As soon as possible after receipt of Notice of Part II Appeal, the Associate Dean shall meet or otherwise communicate with the student, invite him or her to make written submissions in support of the appeal which shall be responded to, in writing, by the professor affected or by such other person as the Dean may designate in case of the unavailability of the professor and, if requested by the student, arrange for a hearing to be held at a mutually convenient time and date.
(b) The Committee on Studies shall hear and decide the appeal, granting such remedy or remedies as it deems to be appropriate in the circumstances, and shall provide written reasons for its decision.

5. The Committee on Studies shall notify the student and faculty member affected of its decision and shall report the same to Faculty Council.

The attention of students in the Faculty of Law is directed to the Minutes of the Senate of the University for March 21, 1983 adopting the following recommendation:

3. That Senate appoint a Senate Academic Appeals Committee to hear student academic appeals beyond the Faculty level and that
(a) the Senate Academic Appeals Committee be vested with the jurisdiction by the Senate to hear student appeals on academic standards, course requirements, examinations and other evaluative procedures, grades, pass requirements, advancement requirements, graduation requirements and other University or Faculty academic regulations, and
(b) the Senate Academic Appeals Committee be given authority to develop hearing procedures and policy guidelines relating to said student appeals, and
(c) the jurisdiction of the Senate Academic Appeals Committee to hear said student appeals would only exist in those instances when the approved appeal regulations and procedures of the respective Faculty had been fully exhausted by the student, and
(d) the Senate Academic Appeals Committee would have no jurisdiction to hear student appeals on a matter involving a requested exemption from the application of Faculty or University regulations or procedures except when irregularities or unfairness in the application thereof is alleged.

Scholarships, Prizes and Financial Aid

Student Identification

Note: It is University Policy that all students requesting the release of funds from the Awards Office *must* present a *current valid Dalhousie University Student Identification Card.*

Entrance Scholarships Bursaries and Loan Funds

The Honourable Alistair Fraser Scholarships: The Honourable Alistair Fraser Fund was established through the generosity of Mrs. Alistair Fraser and the executors of the estate of the late Honourable Alistair Fraser, MC, QC, LLD, to commemorate a distinguished graduate of the Law School.

The Fund provides scholarships to assist students with academic ability and financial need who are likely to make a significant contribution to the legal profession. Students in any year are eligible to apply for an Honourable Alistair Fraser Scholarship.

Entrance Scholarships: The Faculty has available each year a few entrance scholarships for First-Year students, generally in the amount of $100 or $200. These are awarded on combined basis of academic merit and financial need. A student is eligible to apply for one of these scholarships, on a form obtainable from the Awards Office in the fall. Recipients are not usually announced until December or January.

Law Foundation of Nova Scotia Entrance Scholarships: With funding from the Law Foundation of Nova Scotia, Dalhousie Law School makes available five annual entrance scholarships in the amount of $7000.00 each, to five students entering the First-Year class. The award is based on superior academic qualifications, and may be renewable to the extent of $3500.00 in each subsequent year if the recipient maintains an A average or places in the top 15 students in his or her class.

Law Foundation of Newfoundland Scholarships: In honour of the 150th Anniversary of the Law Society of Newfoundland (Incorporated 1834), the Law Foundation of Newfoundland has established funding for up to four annual law school entrance scholarships. These scholarships will be tenable for first year studies at a Canadian law school recognized by the Scholarship Board. The scholarships will be in the amount of $2,500 payable in two instalments. Applications must be received by May 2, and the scholarships will be awarded during the month of June. Awards will be made on the basis of academic ability. A candidate must be a Newfoundland resident, have achieved academic excellence, and not be the recipent of any other major scholarship.

Prince Edward Island Law Foundation Scholarship: The PEI Law Foundation in 1985 donated the sum of $20,000 to establish an endowment from which the annual income will provide a major scholarship. This scholarship is tenable by a student who is entering Second Year of study in law, who is ordinarily a resident of Prince Edward Island, and who has achieved a good academic record in the Law School.

Law Society of Prince Edward Island Scholarship: A scholarship will be awarded by the Law Society of Prince Edward Island to an Island student in law or who intends to study law. Applications must be received by the Law Society by July 15, 1988 and should include curriculum vitae, including transcripts of a full year or more of law school or, if that is not available, the last three years' courses and marks, giving descriptions of courses.

Canadian Bar Association (Nova Scotia Branch) Scholarship: Through its more than 32,000 members, the Canadian Bar Association is one of the Country's most prestigious and rapidly growing national professional associations. The objectives of the Association are to promote the administration of justice; encourage a high standard of legal education and training; uphold the honour of the profession; advance the science of jurisprudence; and foster harmonious relations and cooperation among law societies, the bench, and members of the Association. An annual scholarship of $500 will be awarded on completion of second year to the student who has shown academic excellence by attaining a high scholastic average and who demonstrates, in the opinion of the faculty, the most promise of achieving the objects of the Association described above.

The George W.W. Ross Memorial Scholarship: The family of the late George W.W. Ross have established a scholarship to assist a law student who is in need of financial assistance. The student must have completed first year in the top third of the class. The scholarship is administered by the Student Liason Committee of the Faculty of Law.

Blake Cassels and Graydon Scholarship: This award of $2500 is donated by the Toronto law firm of Blake, Cassels and Graydon to second or third year students, on the basis of financial need and academic ability. No more than two awards are made in any one year.

The Edward C. Foley Scholarship: This scholarship is in memory of the late Edward (Ted) C. Foley, LLB 1960. While at law school, Mr. Foley was particularly interested in marine, international and environmental law and was President of the John E. Read International Society. He was also active in provincial politics and in Amnesty International. The scholarship is to be awarded, on recommendation of the Dean, to a second or third year student who has completed at least two courses in the international, marine and environmental areas, and who has achieved an overall average of more than B. Consideration will also be given to the personal qualities of the candidate including leadership roles assumed at law school and community involvement. This scholarship was established by donations from friends of Mr. Foley, from both inside and outside the law school.

The Honourable Vincent C. MacDonald Bursary Fund: The sons of the late Honourable Mr. Justice V.C. MacDonald, Dean of the Law School from 1934 to 1950, established in 1964 a bursary fund in memory of their father. The fund may be available to students in the Faculty of Law as directed by the Dean. Awards will be based upon the financial need, character, and academic performance in the Law School, of any interested student.

The Mary Cleyle Bursary Fund: The family, friends, colleagues and classmates of the late Mary C. Cleyle, a graduate of the class of 1972, established in 1976 a bursary fund in her memory. The accrued annual interest of the fund is used as a bursary to assist students in their second or third year of studies who are in need of financial assistance.

The R. Graham Murray Bursary: In commemoration of their 25th anniversary, the Law School Graduating Class of 1954 has established a bursary fund in honour of Professor R. Graham Murray, QC, a distinguished teacher at the Law School. A portion of the fund is awarded annually as a prize to a deserving student, and the remainder is allocated to financial assistance to needy students.

The Jack and Barbara Rafuse Bursary: This bursary fund was set up in 1977 by Jack and Barbara Rafuse of Halifax. The income of this fund is awarded annually by the Law School to a needy student, normally resident in the Province of Nova Scotia who has been accepted into the first year of the LLB program. The bursary may be renewable, depending on the financial position of the holder of the award at the beginning of the second year. Preference in awarding the bursary will be given to black students.

The M. Grace Wambolt, QC Scholarship: This scholarship was established in 1978 by Grace Wambolt, QC, the fifth woman to graduate from the Law School, the first woman to be elected to the Council of the Nova Scotia Barristers' Society, 1945-47, and the first woman to be awarded a certificate for 50 years of active practice at the Bar of Nova Scotia. The scholarship is awarded annually on the basis of high academic merit to a native-born Nova Scotian enrolled in the LLB program at the Dalhousie Law School. Where two students qualify equally and one is a woman, preference is given to the woman student. In making the award the

committee considers the financial needs of the applicants. The scholarship may be renewed for second and third year if, in the opinion of the committee, the recipient's academic achievement has been outstanding.

Nova Scotia Barristers' Society Scholarships: The Nova Scotia Barristers' Society annually donates a fund primarily for scholarships to be awarded to students in the second and third years, on a combined basis of academic performance and need. In honour of the Law School's hundredth birthday, the Barristers' Society has instituted the Nova Scotia Barristers' Society Centennial Bursaries, to be awarded to deserving students.

Cape Breton Barristers' Society Scholarships: In 1965 the Cape Breton Barristers' Society instituted a scholarship in the amount of $200 to be awarded annually at the discretion of the Dean to a student or students from Cape Breton County, on a combined basis of academic performance and need.

R.T. Donald Memorial Bursary: This bursary was established in memory of Robert T. Donald, who was Dean of the Faculty of Law from 1969 to 1971.

The George O. Forsyth Entrance Bursaries: Students who are academically sound and engaged in first-year studies at the Dalhousie Law School may be considered for financial assistance.

Bursaries: Other bursaries may be available in modest amounts to assist deserving students in the second and third years to finance their legal education.

Loan Funds: The Nova Scotia Barristers' Society has set aside a fund from which loans may be made to students registered in the Faculty of Law, upon terms contained in the Regulations of the Society. The University has a similar fund. To be eligible to apply for these funds a student must have successfully completed at least one year at the Law School. A fund contributed by Harvey L. Webber (LLB 1936) makes available a loan to assist a member of the graduating class.

The Canada Student Loan Plan: Loans available to students under the Canada Student Loan Plan are considered by an agency in each province. The Nova Scotia-Canada Student Loan Committee considers applications only from students resident, or whose parents reside, in Nova Scotia. Canadian students whose residence qualifications are different should apply to the appropriate agency in the province where they or their parents reside.

Graduate Scholarships in Law: Graduate students are eligible for scholarships available to all students registered in the Faculty of Graduate Studies at the University, for the Sir James Dunn Post-Graduate Scholarship available in the Faculty of Law, and any who assist with the teaching program at the Law School may qualify for a graduate teaching fellowship.

The Roy A. Jodrey Scholarship in Law: The will of the late Roy A. Jodrey established a fund, the income of which is to be awarded as an annual scholarship for post-graduate study at Dalhousie Law School to a student deemed by the faculty to be outstanding.

Duff-Rinfret Scholarships: To commemorate the 100th anniversary of the founding of the Supreme Court of Canada, celebrated in 1975, the Department of Justice is offering seven Master's program scholarships to qualified students in Canadian law schools. These scholarships are designated as the Duff-Rinfret Scholarships in honour of two former Chief Justices of the Supreme Court of Canada who were distinguished representatives of this country's two legal systems. The goal of this program is to promote legal research in Canadian law schools in areas within the jurisdiction of the federal government. Persons in the final year of an LLB program at a Canadian law school or who already have obtained an LLB degree granted from a Canadian university may submit an application, provided they intend to follow a course of study or research in an area of law under federal jurisdiction and that they enroll in a Master's program offered by a Canadian law school. Applicants will have to establish that they have been rated as superior students at the law school. Financial assistance is provided in the form of a scholarship valued at $9,000, tuition fees, travel allowance and a thesis allowance of $800. Further information may be obtained from the Placement Office.

Fielding Sherwood Memorial Fund: A bursary to be awarded to an LLM or JSD student whose work concerns the environment, or relates in some way to fisheries or ocean research studies. The intent is that it be directed toward travel or research. The student will be selected by the Dean, on the advice of Faculty members in the areas concerned. The annual amount is to be determined by him. One award may be made annually. The fund will be self-perpetuating.

Viscount Bennett Fellowship: Under the terms of a deed gift to the Canadian Bar Association from the Right Honourable Viscount Bennett PC, KC, LLD, DCL, the Viscount Bennett Trust Fund was established to encourage a high standard of legal education, training, and ethics. The annual income from this fund is administered by the Canadian Bar Association. An award to a maximum of $12,000 may be paid annually to a student for graduate study at an institution of higher learning approved by the Viscount Bennett Fellowship Committee on the condition that the award be the only fellowship, scholarship or grant accepted by the winner for the graduate period. The fellowship is open to persons of either sex who are Canadian citizens and who have graduated from an approved law school in Canada or who, at the time of the application, are pursuing final year studies as undergraduate students at an approved law school. Applications shall be in writing to the Communications Director of the Canadian Bar Association and received not later than December 15 of the year previous to that in which the award is to be made. For application information write the Director of Communications, Canadian Bar Association, 1700-130 Albert Street, Ottawa, Ontario K1P 5G4.

Prizes for Merit

For Students Generally

The G.O. Forsyth Prize: For qualities of scholarship, character, and economic need.

The Eunice W. Beeson Memorial Prize: For the female student in the Law School who seems worthy on the basis of her academic performance, qualities of personality and character, and economic need.

The Leonard A. Kitz, QC Prize: For skill in oral legal argument, in moot courts or as otherwise determined by Faculty.

Nova Scotia Barristers' Society Prizes: A book prize for high standing in a year's work is awarded to students in each year of the LLB course.

The R. Graham Murray Prize: A prize donated by the Graduating Class of 1954 in honour of Professor R. Graham Murray, QC, a distinguished teacher at the Law School, to be awarded to a deserving student in a subject to be designated by the Faculty.

The John V. O'Dea Prize: A prize of $150 awarded annually by John O'Dea, a graduate of 1961, to a student who was admitted to law school as a special status or a mature applicant, to be awarded after the student has completed first or second year, on the basis of good academic standing and contribution to the life of the Dalhousie Law School.

For Third Year Students

University Medal in Law: This medal may be awarded on graduation to the student who has achieved the highest cumulative average of those achieving First Class distinction on the work of third year, and who has reached a very high standard of excellence. (Eligibility will be determined on the basis of law classes only.)

Carswell Prize: A book prize for the student with the highest average in the Third Year examinations.

Sarah MacWalker MacKenzie Clinical Law Award: This award will be presented in recognition of the 11½ years Sarah MacKenzie served the students, staff and clients of Dalhousie Legal Aid Service as a staff lawyer, to a graduating student having successfully completed the Clinical Law

program at Dalhousie Legal Aid, who has made an outstanding contribution toward the Service's goals of education, service, community development and law reform. It will be awarded at the discretion of the Executive Director of Dalhousie Legal Aid Service in consultation with the staff of D.L.A.S.

Canada Law Book Company Prize in Conflict of Laws: A book prize for the student who receives the highest mark in Conflict of Laws.

Henry B. Rhude Memorial Prize: A prize donated by the law firm Stewart, MacKeen and Covert in memory of the late Henry Rhude, to be awarded to the student achieving the highest mark in the Taxation III course.

A.S. Pattillo Prize for Advocacy: A prize of $500 donated by the Toronto firm of Blake, Cassels and Graydon, in memory of their colleague, Mr. Arthur Pattillo, a renowned advocate. The prize is to be shared by the winners of the annual Moot Court competition.

Davies, Ward, Beck Prize: A prize donated by the Toronto law firm of Davies, Ward, Beck to be awarded to the graduating student who has achieved the highest cumulative mark in business courses designated by the faculty.

The Robert E. Bamford Memorial Award: The friends, colleagues and classmates of the late Robert E. Bamford, a graduate of the class of 1975, have established a Memorial Award in his honour. Robert Bamford was formerly the Treasurer and President of the Dalhousie Law Students' Society and, at the time of his death, was a doctoral student in law at the University of Edinburgh. The accrued annual interest of the fund is awarded to the student in the third year class who best combines academic excellence with a commitment to the Law School community.

For Second or Third Year Students

The Central Trust Company Prize: A prize of $200 for the student achieving the highest mark in the Property II examination.

Robert T. Donald Prize in Insurance: The income from a fund is awarded annually to the student achieving the highest mark in Insurance. This prize fund was established by the Carswell Company and colleagues of the late Dean Donald.

Maritime Law Book Company Prize: A prize of $200 and a prize of $100 is awarded to the students achieving the highest mark and the second highest mark, respectively, in Professional Responsibility.

Professor R. A. Samek Prize: A book prize awarded in memory of Professor Samek, to be awarded to the student achieving the highest mark in Legal Philosophy or General Jurisprudence.

Ronald St. John Macdonald Prize in Public International Law: The income from a fund is awarded annually to the student achieving the highest mark in Public International Law. The prize was established by Professor R. St. J. Macdonald, QC, a distinguished former Dean of the Law School.

The Robert T. Donald Memorial Prize: A prize for the highest standing in Corporate Finance, provided from a fund established by former students, colleagues and friends of the late Robert T. Donald, a teacher at the Law School and Dean from 1969 until his death in 1971.

Carswell Prize: A book prize for the student who achieves the highest average in second year examinations.

J. Gordon Fogo Prize: The income from a fund, established by the family of J. Gordon Fogo, in memory of their father, to provide an annual prize for the student with the highest standing in Commercial Law.

Canadian Bar Association Maritime Law Prize: A prize awarded to a student achieving high standing in the subject area of Maritime Law.

The Richard deBoo Limited Taxation Prize: A prize of either 1 year's subscription to the deBoo Taxation Service, or a maximum of $250 worth of books of the student's choice, at the student's option, to the person making the highest mark in Taxation I.

Mr. Justice Vincent C. MacDonald Prize: A prize of $50 for the student of the second year, who, in the opinion of the Faculty, has shown the most satisfactory progress during the year and has attained at least second-class standing.

The Honourable Richard B. Hanson Prize: The income from a fund of $5000, presented by Mrs. R.B. Hanson, is awarded to the student making the highest mark in Constitutional Law. The prize is in memory of the late Honourable Richard B. Hanson, a distinguished graduate of the law school, lawyer and public servant.

The Horace E. Read Legislation Prize: The income from a fund established in memory of the late Dean Horace Read is awarded annually to the student achieving the highest mark in Legislation.

Blake, Cassels & Graydon Prize: A prize in the amount of $500 is awarded by the law firm of Blake, Cassels & Graydon, Toronto, to the student achieving the highest mark in Business Associations.

The Bob Batt Memorial Prize: The income from a fund established by the friends of the late Bob Batt is awarded to a student achieving excellent standing in the subject matter of Constitutional Law.

The Ray Anderson Labour Law Prize: A prize of $100 will be awarded to the student achieving the highest mark in Labour Law, in memory of Mr. Anderson, a former deputy minister of labour.

The Rosenblum/Dubinsky prize in Family Law I: A prize established in 1987 by Simon L. Guam, QC, in honour of his uncle, C.M. Rosenblum, QC, on his 60th year of distinguished service to the bar, and his uncle, Mr. Justice J. Louis Dubinsky, for his contributions to the bench and bar; to be awarded annually to the student with the highest standing in the basic course in Family Law I.

The Elkanah Refuse Prize in Admiralty Law: The income from a fund established in memory of the late Elkanah Refuse of Halifax is awarded to a student or students of high standing in the subject matter of Admiralty Law.

Stuart Clark Lane Memorial Prize: The income from a fund is awarded annually to the student making the highest mark in Administrative Law. This prize was instituted by the class of 1940, in memory of their classmate killed in action, and, in 1978, the fund was supplemented by a generous bequest from the Estate of Pauline H. Lane, in memory of her son.

The Goldberg and MacDonald Prize in Criminal Procedure: A prize awarded in memory of the late Meyer Goldberg, to the student achieving the highest mark in Criminal Procedure.

The Goldberg and MacDonald Prize in Business Taxation: A prize awarded in memory of the late Arthur Cohen to the student achieving the highest mark in Business Taxation.

The Milton and Carole Ehrlich Prize: A prize awarded in memory of the late Richard Weiner to the student with the highest standing in Law of the Sea subjects.

Osler, Hoskin and Harcourt Prize: A prize in the amount of $300 is awarded by the law firm of Osler, Hoskin and Harcourt in Toronto, to the student making the highest mark in Creditors' and Debtors' Rights.

The H. Carl Goldenberg, QC Prize: A book prize is awarded by H. Carl Goldenberg, OBE, QC, LLD, to the student who attains high standing in Public Law subjects designated by the faculty.

Canada Law Book Company Procedure Prize: A book prize is awarded to the student who achieves the highest mark in the course in Civil Procedure.

Ladner Downs Summer Service Scholarship: The Ladner Downs Summer Service Scholarship is awarded to a student completing second year of the Bachelor of Laws program at Dalhousie Law School who display academic excellence, responsibility and good judgment and who intends to practice law in Vancouver. The recipient of the scholarship will be employed by Ladner Downs during the summer between second and third year law and Ladner Downs will pay the tuition fee for the third year of the student's Bachelor of Laws program at Dalhousie Law School. The sum of $200.00 towards the cost of books in third year will also be awarded. The selection of the student shall be made by a committee composed of the Dean of Law, the Placement Officer and other law faculty members as may be assigned by the Dean.

For First-Year Students

The Frederick P. Bligh Scholarship: A scholarship is awarded to the student of the first year class who, having attained a high scholastic average, in the opinion of the Faculty shows the most promise of achieving high standards of professional and public service. The amount of the Scholarship will be the income from a bequest of $5000.

Carswell Prize: A book prize for the student who attains the highest average in first-year examinations.

The W. Donald Goodfellow Prize: A prize of $200 donated by W. Donald Goodfellow, a Calgary lawyer, awarded to the student achieving the second highest average in the first-year class.

CCH Canadian Limited Prize in Legal Research and Writing: A prize of $100 made available by CCH Canadian Limited of Toronto, for the student of the first-year class who attains the highest mark in the legal research and writing program.

Honourable Angus L. Macdonald Prize: A book prize for the student achieving the highest mark in the course in Tort Law and Damage Compensation.

The G.O. Forsyth Essay Prize: A prize for the student in first year who submits the best essay on a legal topic, if the essay meets an approved standard of excellence.

Class of 1958 Prize: A prize from the income of a fund established by the Class of 1958 for the student attaining the highest mark in Criminal Justice: The Individual and the State.

Clyde W. Sperry Memorial Prize: A prize from the income of a fund established in memory of Clyde W. Sperry, a graduate of the Law School, for the student attaining the highest mark in the first-year class in Property in its Historical Perspective.

The Lang, Michener, Lash, Johnston Prize: A prize of $300 donated by the Toronto law firm Lang, Michener, Lash, Johnston to be awarded to the student achieving the highest mark in Contracts.

Awards Not Controlled By The Faculty: Several other scholarships are offered by external agencies especially for post graduate study in law. Students interested should enquire at the office of the Dean of Law.

Faculty of Medicine

General Information

The Faculty of Medicine of Dalhousie University was organized in 1868, but medical teaching was carried out by the independent Halifax Medical College from 1875 to 1911, when the Faculty of Medicine was re-established by the University.

The Faculty provides a complete medical training leading to the degree of Bachelor of Medicine (MD). Nationally approved preregistration clinical training and specialist medical training is provided in University-affiliated hospitals in Nova Scotia, Prince Edward Island and New Brunswick. The Division of Continuing Medical Education is responsible for the continuing education of the practitioners of the three Maritime Provinces.

The Faculty is fully approved by the Association of Canadian Medical Colleges and the Association of American Medical Colleges.

Extensive additional responsibilities are undertaken in the fields of research and clinical investigation in all departments of the Faculty.

Mission Statement

Dalhousie University is a centre for higher learning that strives to benefit society through the discovery, dissemination and preservation of knowledge. The Faculty of Medicine supports and promotes these purposes, for we believe that it is within this framework that we can remain at the forefront of knowledge and provide the proper milieu from which will emerge excellent physicians and scientists. Thus our mission is an equal commitment to the provision of exemplary patient care, the education of students, the discovery and advancement of knowledge and, through education and community work, to service to society in the Maritime provinces, Canada and worldwide.

The Faculty of Medicine's unique role is in the education of undergraduate and postgraduate medical students and of practicing physicians. We are the primary centre in the Maritime provinces that educates physicians for service to the region. We strive to develop in all students of medicine not only the knowledge and critical skills necessary to practice the science of medicine, but also the values and attitudes necessary to develop a sense of empathy and responsibility for the care of patients. Education within our Faculty is not limited to medical students for we have a similar strong commitment to the education of undergraduates, graduate students and postdoctoral fellows in the basic and clinical science departments. This educational commitment extends, through mutual agreement, to students of other health-related Faculties, recognizing the importance of the health care team in the care of patients. Implicit in our mission of education is the understanding that, by emphasis in our formal programs and through role models within the Faculty, we must instill in all our students a lifelong commitment to learning. We recognize our responsibility to provide continuing opportunities for practicing Maritime physicians to satisfy this need through the educational programs organized by our Division of Continuing Medical Education.

The Faculty believes that the education of caring, competent, and innovative physicians and scientists is best accomplished within an environment dedicated not only to the understanding and assimilation of existing knowledge, but also to the discovery of new knowledge. The critical appraisal and improvement of current practices and advances in health care thrive where research is fostered. Our Faculty must preserve and encourage freedom of expression and the spirit of enquiry while promoting the advancement of knowledge through research and scholarly activities. Such activities include medically-oriented clinical research, educational research and basic research whose relevance to the current practice of medicine may not be immediately apparent.

The Faculty is dedicated to promoting health and preventing disease and to creating conditions for the development of outstanding and exemplary medical care in the Maritime provinces and in Canada. In addition, we must encourage participation in the health care of developing countries and the underprivileged. For this purpose, we will provide the support and environment in which innovative health care programs can develop.

As academics and practicing professional members of the health care community, the Faculty affirms its partnership with the many hospitals and other health care providers in the Maritimes, for we recognize that it is in these clinical settings that medical students and medical professionals learn and maintain the skills necessary for the practice of medicine.

Faculty

The Faculty of Medicine has approximately 850 faculty members, based in Nova Scotia, New Brunswick and Prince Edward Island. Faculty meetings are held regularly throughout the year to determine policy on academic matters and formulate plans for academic development.

Faculty Council

Faculty Council is the executive committee of Faculty which meets frequently throughout the year, advising Faculty on academic matters and the Dean on administrative matters. Faculty Council is also responsible for hearing student appeals and for administering the departmental survey process and the selection of candidates for important Faculty administrative posts.

Standing Committees of Faculty

There are 19 standing committees of Faculty (Faculty Council, Library Committee, Medical Research Committee, Ethics Review Committee, Scholarships and Awards Committee, Admissions Committee, Interne Committee, Committee on Student Financial Assistance, Audiovisual Services Advisory Committee, Animal Care Advisory Committee, Preclinical Tenure and Promotions Committee, Clinical Tenure and Promotions Committee, Nominations to Senate, Biomedical Statistical and Computing Advisory Services, Advisory Committee on Space Resources, Central Stores Committee, Nominating Committee, Safety and Environmental Hazards Committee, and the Undergraduate Medical Education Committee). These committees report annually to Faculty.

Graduate Studies

In association with the Faculty of Graduate Studies, courses are given that lead to degrees of MSc or PhD. Qualified students may register concurrently for MD and graduate degrees (MSc or PhD) in the Faculty of Medicine. Currently available programs include: Doctor of Philosophy in Anatomy, Biochemistry, Microbiology, Pharmacology and Physiology and Biophysics (for further information please refer to the Faculty of Graduate Studies Calendar).

Research Opportunities

Research in the Faculty is supported principally by research grants and awards to individual Faculty members from national granting bodies including the Medical Research Council of Canada, Department of National Health and Welfare, National Cancer Institute of Canada, Nova Scotia and New Brunswick Heart Foundations, Canadian Heart Foundation and others. Substantial additional help is made available through endowments to the University from the estates of the Hon. J.C. Tory and of Gladys Marie Osman and The Dalhousie Medical Research Foundation.

Undergraduates registered in the MD program are encouraged to participate in ongoing research projects within the Faculty of Medicine. Each year, applications are received for the summer student research program from first and second year medical students. Scholarships valued at over $3,100 each year are awarded to a large number of medical students to support their involvement in a wide variety of clinical and basic science research projects from June until August of each summer. Funding for these scholarships is provided mainly by the Medical Research Council of Canada, and contributions from individual research laboratories within the Faculty of Medicine. Funds are also available from the Faculty of Medicine Research Committee, The Federal Summer Employment/ Experience Development Program (SEED), the Nova Scotia Lung Association, departments within the Faculty of Medicine and a number of other Canadian granting agencies and foundations. Students are encouraged to make individual approaches to departments in which they might wish to work or to individual Faculty members in both preclinical and clinical departments. For further information, please contact the Research Office, Faculty of Medicine, 15th Floor, Sir Charles Tupper Medical Building at 424-3591.

Dalhousie Medical Research Foundation - Studentship Program

The Dalhousie Medical Research Foundation was formed in 1979 and has as its objective the support of research and related activities in the Faculty of Medicine and its affiliated teaching hospitals.
number of prestigious studentship awards available to highly qualified medical students with a demonstrated interest in and potential for success in biomedical research. The award is open to any first year medical student. The Foundation supports supervised research experience from the end of the first to the end of the third year of medical school with the objective to encourage highly qualified and motivated medical students to consider careers in biomedical or behavioral research. There are four awards made each year. Current value is $10,000 per studentship. ($5,000 per year for two years). *The W. Alan Curry Studentships* which is similar to the Foundation Studentships but awarded every second year to a student engaged in research in the Department of Surgery or the Department of Anatomy are also available.

Dalhousie Medical Alumni Association

The Dalhousie Medical Alumni Association is composed of over 3,000 former medical students of the University and Associate members. It operates a number of programs, including: class reunions; receptions; assisting with fund raising; providing information about the School to medical alumni; and acting as a resource centre to all medical students and alumni. The office, furnished by the Class of 1961, is situated on the first floor of the Sir Charles Tupper Medical Building in space provided by the Dean of Medicine.

Sir Charles Tupper Medical Building

The Sir Charles Tupper Medical Building was completed in the summer of 1967. This 15-storey structure, the chief Centennial Project of the Government of Nova Scotia, is named after Doctor (Sir) Charles Tupper (1821-1915), one of the founders of the Faculty of Medicine, a Father of Confederation, and the only physician to have been Prime Minister of Canada.

The Tupper Building houses the W.K. Kellogg Health Sciences Library which occupies part of the first and all of the second floors of the Tupper Building. The library has a collection of approximately 110,000 volumes and yearly receives 3,300 current serials. The collection also includes over 3,000 audio visual programs.

The Kellogg Library was made possible by the generous gift, in 1965, of $420,000 from the W.K. Kellogg Foundation of Battle Creek, Michigan. Other benefactors include the Medical Society of Nova Scotia, which makes an annual contribution to maintain the Cogswell Collection, and the Provincial Medical Board of Nova Scotia which provides an annual grant in honour of the late Dr. John George MacDougall who was, for many years, President of the Board and a member of the staff of the Faculty of Medicine.

The Tupper Building also houses the following: teaching, research and administrative facilities of the Departments of Anatomy, Biochemistry, Physiology and Biophysics, Pharmacology, Microbiology and Pathology; space for the undergraduate and graduate teaching of science students; study, recreational and dining areas for medical students; the Office of Continuing Medical Education; the Office of the Dean of Medicine; the Animal Care Centre; Audio Visual Division; the Dalhousie Medical Alumni Association Office; and the Dalhousie Medical Research Foundation.

Clinical Research Centre

The Centre (formerly Dalhousie Public Health Clinic), which was constructed in 1923 following a gift from the Rockefeller Foundation, was originally built to house the outpatient services of the clinical departments. The Centre is now physically connected to the Tupper Building and, together with a block of space connecting the two buildings (the Link), houses several of the research units of the clinical departments of the Faculty and the offices of the Department of Community Health and Epidemiology and the Computer Services Division.

Affiliated Hospitals

The majority of clinical departments are located in one of the affiliated teaching hospitals. The affiliated hospitals are divided into two categories; the major teaching hospitals which have assumed responsibility for the teaching, research and administration of the academic programs of the Faculty of Medicine include the Victoria General Hospital, Izaak Walton Killam Hospital for Children, Grace Maternity Hospital, the Halifax Infirmary Hospital, the Saint John Regional Hospital, the Nova Scotia Rehabilitation Centre and the Camp Hill Hospital. Other affiliated and associated institutions, which for the most part are involved in the Dalhousie University Integrated Intern Training Program include the Archie McCallum Hospital (Department of National Defence), The Nova Scotia Hospital, Centracare Hospital, St. Rita Hospital, St. Martha's Hospital, The Moncton Hospital, Dr. Everett Chalmers Hospital, St. Joseph's Hospital, Queen Elizabeth Hospital and Prince County Hospital.

The Camp Hill Hospital has a capacity of 397 beds. The University Department of Psychiatry is located in the Abbie J. Lane Building, a part of the Camp Hill Hospital complex.

The Grace Maternity Hospital is owned and operated by the Salvation Army and is also the chief teaching centre of Obstetrics. It has a capacity of 110 beds, most of which are housed in sections opened in 1957 and 1962 and are due to be replaced in the near future.

The Halifax Infirmary Hospital is owned and operated by the Province of Nova Scotia. It has a bed capacity of 480. The administrative offices of the University Departments of Ophthalmology and Otolaryngology are located in this hospital.

The Izaak Walton Killam Hospital for Children is the main tertiary referral centre for seriously ill children in the Maritimes. The Izaak Walton Killam Hospital houses the Department of Pediatrics, and will be joined to the new Grace Maternity Hospital when it is built.

The Saint John Regional Hospital is also the Saint John campus for the Medical School, and serves as a major centre for training interns and residents in eleven clinical departments.

The Victoria General Hospital has a capacity of 870 beds, and incorporates a large ambulatory care center, an emergency department and the Nova Scotia Cancer Treatment and Research Foundation. The Departments of Pathology and Microbiology are housed, in part, in the D.J. Mackenzie Building of the hospital. This building houses the clinical service laboratories of Clinical Chemistry, Microbiology, Histology, Anatomical Pathology and Cytology. The administrative offices of the University Departments of Anesthesia, Medicine, Neurosurgery, Radiology, Surgery and Urology are located in the Victoria General Hospital.

The Nova Scotia Rehabilitation Centre A new hospital facility containing 52 hospital beds as well as outpatient facilities was opened in 1977, the original centre having been established in 1956. Undergraduate and specialty training in Physical Medicine and Rehabilitation are carried out here.

The Family Medicine Centres are modern ambulatory clinical facilities housing the administrative, clinical and educational resources of the Department of Family Medicine. The first of these was opened in 1975 and is situated on the ground floor of Fenwick Towers, the Cowie Hill Family Medical Centre is in Spryfield and the Halifax Infirmary Department of Family Medicine is situated in Gerard Hall, Halifax Infirmary.

Degree

The Degree conferred by the University is Doctor of Medicine (MD). The course extends over four years.

Academic Year

The academic year for the first two years of the medical course begins early in September and extends to the end of May for Med I and mid-June for Med II. The third year begins in early September and ends in late April. It consists of a Junior Clinical Clerkship and required courses. The fourth year is a Senior Clinical Clerkship beginning early in May and ending late in April. The University Academic Calendar is to be consulted each year for exact dates.

Faculty Regulations

1. Medical students are required to adhere to the general University Regulations. Clinical clerks, interns and residents will be subject to the rules and regulations of the hospital department to which they are assigned concerning hours of duty, holidays, etc. Patient care responsibilities override University and statutory holidays.

2. Medical students must observe the regulations of the hospitals relative to students and student interns, and any violation of such regulations will be dealt with as if a University regulation were violated.

3. Classes begin on the day following the regular registration date, and late registration is not permitted without the prior approval of the Dean.

4. All University regulations respecting fees apply to the Faculty of Medicine. In addition, students who have not paid their annual university tuition fees in full by the end of January will be suspended from the Faculty. If the fees are not paid by February 15, the registration of the student for the session will be cancelled. (In this connection it should be noted that the Awards Office and the Office of the Dean of Medicine always give consideration to the provision of bursaries and loans for those in genuine financial need but application for such aid must be anticipated by the student.) A charge is made for handouts.

5. Such instruments and uniforms as students may be required to obtain shall be of a design approved by the Faculty.

6. Subject to University regulations for the admission of students, special students may be admitted to classes in the Faculty of Medicine but their attendance is not recognized as a qualification toward the MD degree.

The Doctor John Stewart Memorial Lecture

Each year the Provincial Medical Board of Nova Scotia enables the University to honour the memory of John Stewart, CBE, MB, CM (Edinburgh), LLD (Edinburgh, Dalhousie and McGill), FRCS (Edinburgh), by presenting a lecture by a notable figure in the world of medicine. Dr. Stewart, Nova Scotia's outstanding surgeon, an associate of Lord Lister, was President of the Provincial Medical Board from 1906 to 1916, President of the Canadian Medical Association in 1905, Professor of Surgery and, from 1919 to 1932, Dean of the Faculty of Medicine at Dalhousie. The lecture is presented as a part of the annual Dalhousie Refresher Course.

Dalhousie Medical Students' Society

All medical students are members of this Society, which exists to promote the welfare and general interests of the medical undergraduates, including social and sports activities, relations with the Faculty and with the Students' Union of the University. The Society presents honours and awards to outstanding medical students.

The president and vice-president of the Medical Students' Society, the presidents of the four undergraduate classes and the president of the Interns and Residents Association of Nova Scotia are full members of Faculty. The Presidents of the Medical Students' Society and the Interns and Residents Association of Nova Scotia are ex-officio members of Faculty Council. Medical students are members of the following Faculty committees: Medical Education, Student Financial Aid, Admissions, Library and Intern. Regular monthly meetings are held by the Dean and associates with the class presidents and educational representatives as well as the president of the Medical Students' Society.

Alpha Omega Alpha Honor Medical Society

Founded to foster the highest standards of professional idealism and scholarship, this honour student organization has chapters in the principal medical schools of Canada and the United States. Students are elected to membership in their third or fourth years and not more than one-sixth of the members of any class may be elected. Entrance is dependent on character, personality, and scholarship. The activities of Alpha Omega Alpha include bimonthly meetings, for which papers are prepared and presented by undergraduate members, and an annual banquet at which a distinguished speaker delivers an address.

Medical Undergraduate Student Advisor Program

Director: Prof. June Penney, Department of Anatomy, Sir Charles Tupper Medical Building Tel. No. 424-3400 or 424-2051 (Sect.)

A group of pre-clinical and clinical faculty members are available to advise medical undergraduate students on academic and non-academic/personal matters relating to their progress through medical school. All communications are held in the strictest confidence and the program is independent of the Dean's Office although students may be advised, from time to time, to consult with the Deans. Individual student advisers or the Director are not intended to represent unconditional student advocates at the formal level but to genuinely assist students on a personal basis with their individual problems whether they be academic (study habits, information overload, lack of comprehension, etc.) or personal. Students wishing to avail themselves of this service on a confidential basis should contact the Director who will arrange for the matching of a mutually acceptable adviser depending upon the nature of the problem. Early contact with this program is recommended to ensure solution of problems before they become critical.

Admissions

Admission to First Year

1. Application and Selection: Entrance to the Faculty of Medicine is limited to 84 students annually. Successful candidates are selected by the Admissions Committee of the Faculty of Medicine, whose decision is final.

The application for admission is to be made only on the regular application form of the Faculty of Medicine which may be obtained from the Admissions Office, Dalhousie University after October 1st. The completed form must be returned to the Admissions Office post marked not later than December 15 in order to be considered for entry to the class beginning the following September. Applications from all students, including those who have attended Dalhousie or King's, must be accompanied by a $20.00 processing fee, which is not refundable and is not applicable to tuition fees.

A completed application consists of (1) the application form filled out by the applicant as required, with the medical certificate on the application form completed by a physician, (2) the $20.00 fee as noted above, (3) three completed confidential assessments (which are to be sent directly to the Admissions Office), (4) evidence that the Medical College Admission Test has been taken, (5) a high school matriculation certificate or its equivalent, (6) official transcripts from all universities and colleges attended by the applicant (if the applicant is still engaged in university studies, an interim transcript is to be sent when the application is made and a final official transcript forwarded by the institution concerned on the completion of those studies), (7) supplementary information form and (8) copy of valid First Aid certificate (St. John Ambulance Standard First Aid Certificate, or its equivalent).

The Admissions Committee will not consider incomplete applications.

2. Selection Objectives: The Faculty is seeking students who have good academic records. This includes sound basic training in the sciences in order that they can understand the complexities of modern scientific medicine. It is equally important that the students selected recognize that medicine is concerned with human problems and therefore a knowledge of the humanities and social sciences by the candidates will be of benefit to them during their training and in future practice. The greatest possible proficiency in communication and self-expression, both oral and written, is a necessity to the future medical practitioner. In addition, in order to have acquired the required degree of intellectual maturity, the prospective medical student should have more than basic training in at least one field of learning, whether it be in the sciences, humanities or social sciences.

3. Selection Factors: Sources of information and factors considered by the Admissions Committee include (a) academic requirements, (b) ability as judged on high school and university records and on the Medical College Admission Test, (c) confidential assessments received from referees of the applicant's choice and from any others the Committee may wish to consult, (d) interviews, (e) places of residence and (f) health assessment. More detailed comments and explanations on each of these follow in paras. 4-11 below.

4. Minimum Academic Requirements: Most successful applicants have

completed an appropriate bachelor's degree program which must include university classes in English, biology, general chemistry, organic chemistry and physics, each of an academic year's duration. The science classes must include laboratory instruction. High school level biology, English, chemistry and physics are *not* accepted as equivalent to the required subjects. Premedical preparation is normally regarded as an opportunity to acquire a liberal education rather than or in addition to specialized training. Such preparation should not consist of a majority of introductory level classes. It is expected that an appropriate bachelor's degree program includes classes in other disciplines such as the humanities, social sciences, languages and mathematics.

Truly outstanding students who are residents of the maritime provinces, whose high school preparation has included English and mathematics, who have enrolled in a regular degree program, who have achieved emotional maturity and who show evidence of a broad life experience may be considered after they have completed a minimum of 10 academic classes (usually during two years of full-time attendance) in the faculty of arts/science. The minimum academic course must include the five required classes. The five additional elective classes must include at least two beyond the introductory level in a particular subject. A bachelor's degree is required of non-resident applicants.

Academic requirements must be completed before June 23 of the year of expected entry to this Faculty.

5. **Academic Ability:** Because of the difficulty in comparing marks and grades from the various universities from which our students are drawn, it is not possible to state a minimum standard to ensure serious consideration for admission. However, a demonstrated capacity to carry a full program of demanding advanced level classes is a necessary asset for a medical student. The ability to obtain consistently better than average grades in such a program is the best indication of that capacity. An academic record which shows failed or repeated classes, classes passed with low grades or supplementary examinations, particularly in the two years prior to anticipated entry into medical school, makes the prospect of admission unlikely. With a limited enrolment and many more applicants than the class requires, those with the best academic record will have the greatest chance of admission. Nonetheless, the Admissions Committee can, and does, make significant use of non-academic factors (see para. 8) in deciding which applicants will be admitted.

6. **Medical College Admission Test:** The MCAT is an absolute requirement for admission to the Faculty of Medicine. It is a useful predictor of academic performance in medical school and considerable weight is placed on its results by the Admissions Committee. Those whose scores place them in the lowest third among those taking the Test cannot be seriously considered for admission. It is the responsibility of the applicant to arrange to take the Test. It must have been taken not more than two years before an admission application is submitted and not later than the September 1986 writing. Admission applications are not accepted from those who intend to take the Test in April 1989 for September 1989 entry.

Information about the new MCAT, including an application form, can usually be obtained from the Registrar of the university the student is attending or by writing to MCAT Registration, The American College Testing Program, P. O. Box 168, Iowa City, Iowa, 52243. *The latest date for submitting an application is about four weeks before the testing date. Those intending to take the Test in September should take steps to obtain an application form before August - one year before expected admission to this Faculty.*

7. **First Aid Training:** A valid certificate for the standard St. John Ambulance First Aid Course (or its equivalent) is a prerequisite for admission to the Faculty of Medicine, but it is not required at the time of application.

8. **Non-Academic Factors:** These play a very important part in the evaluations of the Admissions Committee. The attributes of emotional stability, intellectual curiosity, social values, initiative, leadership, reliability, personal maturity, motivation and communicative skills, as determined by referee's confidential assessment, interviews, etc., are considered for each candidate. Any outstanding achievement is given consideration. Such achievement would be drawn to the attention of the Committee by the referees or in the Supplementary Information Form provided.

9. **Interviews:** If possible, all applicants from the Maritime Provinces (and selected non-residents) are invited for interview. Should the interviewers have reservations about an academically acceptable candidate, a second interview by members of the Admissions Committee is arranged.

10. **Place of Residence:** Admission preference is given to Canadian citizens (or landed immigrants) whose place of residence is in Nova Scotia, New Brunswick or Prince Edward Island (the Maritime Provinces of Canada). The place of residence is normally presumed to be the country or province in which the home of the applicant's parents is located. Attendance at a university in the Maritime Provinces does not, by itself, constitute having residence in the Maritime Provinces.

Applications from very-well qualified students from other provinces and countries will be considered for up to 10 per cent of the entering places in each class. Unless such non-resident applicants have reasonable prospects of being accepted in their local medical school they should not expect to be accepted here and would be well-advised not to apply.

11. **Health Assessment:** To ensure fitness for the study and practice of medicine the Medical Certificate (a part of the application form) must be completed by a physician on behalf of each applicant.

12. **Immunization Requirements:** The Faculty of Medicine has an immunization policy that requires proof of the following immunizations: (1) Diphtheria and Tetanus toxoid in the last 10 years; (2) Polio vaccine in the last 10 years — inactivated polio vaccine or previous oral polio vaccine. Oral polio vaccine is not recommended if previous vaccination was more than 10 years ago; (3) Rubella vaccine — applicants must show evidence of serum immunity or administration of rubella vaccine; (4) Measles vaccine is required by all applicants born after 1956 who have no history of measles infection. Hepatitis B vaccination is highly recommended for the medical profession as it is at a markedly increased risk of the disease compared to the general population. Vaccination will prevent hepatitis B. It will be given in September and the cost (approximately $155.00) will be added to your tuition fee. If you have already been vaccinated or feel you should not take the vaccine the money will be refunded. Pertinent literature will be available.

13. **Notification:** Candidates will be informed of the status of their application (e.g. accept, defer, reject or wait list) between the first week in February to the end of June. Those candidates who are wait listed can expect to hear anytime between the end of June to Registration day.

14. **Acceptance Fee:** On notice of acceptance into the Faculty of Medicine, applicants must be prepared to sign a formal agreement of acceptance and to deposit with the Registrar the sum of $100 before a specified date. This sum is credited toward tuition fees if the student registers but is not refunded if the student withdraws.

15. **Eligibility:** An application is not considered if the applicant has been required to withdraw from another medical school at the request of the Faculty of that school.

16. **Re-application:** A new application form must be completed in each year in which application is made.

17. **Exceptions:** In exceptional circumstances, for students of high academic standing only, certain of the academic requirements may be waived or modified by the Faculty Admissions Committee.

18. **Amendment of Admission Regulations:** These regulations may be amended or added to without notice by the Faculty of Medicine. In ordinary circumstances adequate notice of change is given.

Admission with Advanced Standing

Under special circumstances transfers will be accepted from other recognized medical schools. Inquiry should be made by a letter to the dean, including a summary of premedical and medical school qualifications and a statement of the reasons for wishing to transfer. If this information indicates that there is some prospect that the Faculty might give serious consideration to the applicant, forms and the relevant regulations will be provided. The Medical Science Knowledge Profile Examination is required.

Curriculum Leading to MD Degree

The curriculum of the Faculty of Medicine is under continuous review, to respond to changes in disease patterns, treatment and the health care system. The description of the four-year program which follows is subject to change as the curriculum continues to evolve.

Objectives of the Undergraduate Program

These objectives are adapted from those developed by the Long Term Planning Committee in collaboration with the Undergraduate Medical Education Committee (1987).

Basic Assumptions

1. All physicians require a common foundation of knowledge, skills, values and attitudes, the basis for which should be developed in the course of undergraduate medical education.

2. The function of the undergraduate medical education program is to prepare the physician to undertake a post MD educational program leading to independent practice in one of the fields of medicine (e.g. family medicine, specialty practice). Consequently, the graduating student cannot be expected to possess all the knowledge, skills and competencies that are essential for the practicing physician. Rather, the emphasis is on concepts, skills, values and attitudes, and the integration of basic and clinical sciences.

3. Essential components of an undergraduate medical education program include the presence of formal mechanisms to evaluate its performance, adequate administrative support and participation in medical education research.

Educational Goals for the Medical Student

At the end of the undergraduate course the aspiring physician should:

1. Be an active, independent learner, able to seek out information, to critically analyze it and to apply it by scientific reasoning to the solution of clinical problems and to use the changing technology of information processing.

2. Possess the strong foundation of knowledge, skills, values and attitudes required for the pursuit of a postgraduate medical education program and for life-long learning. This will include the ability:

(a) To identify, evaluate and help resolve health problems in individual patients, to help patients adjust to their condition and to make efficient use of available resources for these purposes. In so doing the student will utilize appropriate aspects of the basic, clinical, behavioural and social sciences.

(b) Demonstrate skills in information seeking, information analysis, scientific reasoning and the application of results.

(c) To educate patients and others in the promotion of health and the prevention of disease. Demonstrate a strong commitment to the promotion of health.

(d) To take into consideration the personal needs of each patient, as well as the family and social environment, when managing clinical problems. Demonstrate a caring, compassionate and dedicated attitude towards patients.

(e) To work effectively as a member of a team that includes physicians, other health professionals and community agencies.

(f) To participate in peer review activities and respond positively to constructive criticism.

(g) To contribute to the development and success of health care programs and institutions. Demonstrate an understanding of the organizational aspects of the Canadian and Maritime health care systems, with their various programs and institutions; knowledge of the impact of demographic, socioeconomic, political and technological factors on health care delivery and of strategies and measures for cost containment.

(h) To appreciate the fundamental contribution of research to the evolution of medicine.

Emphasis on Independent Learning

The curriculum is based on the goals and objectives above, and provides opportunities for students to acquire the necessary knowledge, the skills, and attitudes. The curriculum is designed to present the student with a limited, but essential, amount of "core" material. The Faculty also emphasizes independent study. Most lectures and laboratory sessions are optional. A variety of other learning aids are available, and it is understood by Faculty that differences in student learning styles will influence how he or she wishes to accomplish the curricular objectives. Atendance at clinical sessions and at many small group tutorials is required, however.

The Three Phases of the Curriculum

The four-year program is divided into three overlapping phases. Phase I, which emphasizes normal human structure and function, takes place primarily in the first year and early second year. Phase II, in which disease and disordered structure and function are emphasized, occurs primarily in second year. Phase III, the clinical phase, consists primarily of clerkship experiences in hospitals and other clinical settings during the third and fourth years, although the acquisition of interpersonal and clinical skills begins early in the first year.

The "Two-Years-In-Three" Option

Every year a number of students arrive at medical school with theses or undergraduate degrees uncompleted, with time-consuming family problems or illnesses, with extracurricular activities which they wish to continue or with a desire to pursue a career in medical research. The "2-in-3" program is an attempt to assist these students.

A student may take 3 years to complete years 1 and 2 and/or 3 years to complete years 3 and 4. A set program has been established, and the students will take individual courses and examinations at the regular times. This means that the workload of students in this program may vary during the year, but on average it will be reduced by 1/3. Students may miss some of the correlation among courses that occurs in the regular program. Students may, by application to the Associate Dean for Undergraduate Medical Education, enter the program up until December 1st of the first or third academic years.

Use of Animals

Applicants should note that animals are used for both teaching and research in the Faculty of Medicine. Their care is carefully monitored in accordance with national standards. Alternatives are used whenever possible.

Responsibility for Curricular Design

The curriculum leading to the MD degree is divided into courses, which range widely in duration. Each course is administered by a Course Committee, which is responsible for the implementation and evaluation of the Course.

Although the majority of the curriculum is organized to comply with the organizational structure of the Faculty of Medicine, that is along departmental lines, great care is taken to ensure integration and appropriate sequencing of related material. Many of the courses, particularly in the First and Second Years, are interdisciplinary and organized on the basis of organ systems (e.g. Cardiovascular, Renal) or on the basis of shared objectives (e.g. Development and Behavior). All Courses, whether departmental or interdisciplinary, are accountable to the Faculty through the Undergraduate Medical Education Committee (UMEC).

As outlined by the Special Committee on Curriculum Assessment (1983), UMEC is responsible to the Dean and to the Faculty for all policy matters concerning undergraduate medical education, specifically with respect to the goals and objectives of the curriculum, implementation, examinations and course evaluation, the number and types of courses that are necessary to meet the objectives of the curriculum and to maintain accreditation. UMEC also keeps the curriculum under constant review through annual

reports submitted by each Course Committee and other pertinent data including unsolicited suggestions from Faculty, students and the community. UMEC makes recommendations to the Dean for major changes in the curriculum such as new courses, significant time allocation changes and transfer of course responsibilities, and recommends to the Dean the appropriate chairman and members for the course committees. UMEC also facilitates the achievement of educational goals by working closely with departments and course committees to identify problem areas and suggest solutions in the context of the overall curriculum, and facilitates good communication among the departments, the course committees, the Faculty and the hospitals. UMEC reports regularly to the Faculty on its activities and outlines any major changes in the curriculum that are planned.

The Four-Year Program

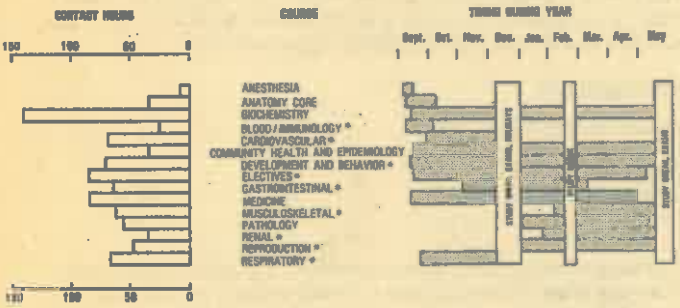
What follows is a description of the 1987-88 Curriculum. Although not yet finalized, changes in the First Year program for 1988-89 are being considered. Also, there may be some consolidation of first year courses under departmental administration.

First Year

Begins in September, with a duration of 36 weeks and a total number of contact hours of 883.

Required Courses	Hours
Anaesthesia	8
Anatomy	38
Biochemistry	140
Blood/Immunology	26
Cardiovascular	67
Community Health and Epidemiology	36
Development and Behavior	71
Electives	84
Gastrointestinal	64
Medicine	84
Musculoskeletal	63
Pathology	55
Renal	36
Reproduction	45
Respiratory	66

MEDICINE I, 1987/88



Total Hours : 881 Total Courses : 16 Total Weeks (Sept. 6 - May 10) : 38

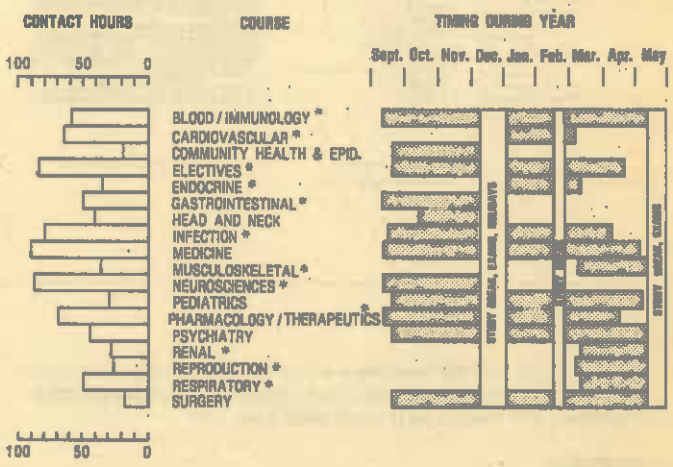
* Interdisciplinary course

Second Year

Begins in September with a duration of 40 weeks and a total number of contact hours of 909.

Required Courses	Hours
Blood/Immunology	58
Cardiovascular	64
Community Health and Epidemiology	16
Electives	84
Endocrine	35
Gastrointestinal	50
Head and Neck	42
Infection	80
Medicine	90
Musculoskeletal	37
Neurosciences	87
Pediatrics	30
Pharmacology	68
Psychiatry	45
Renal	28
Reproduction	27
Respiratory	50
Surgery	18

MEDICINE II, 1987/88



Total Hours : 909 Total Courses : 18 Total Weeks (Sept. 6 - May 11) : 38

* Interdisciplinary course

Medicine

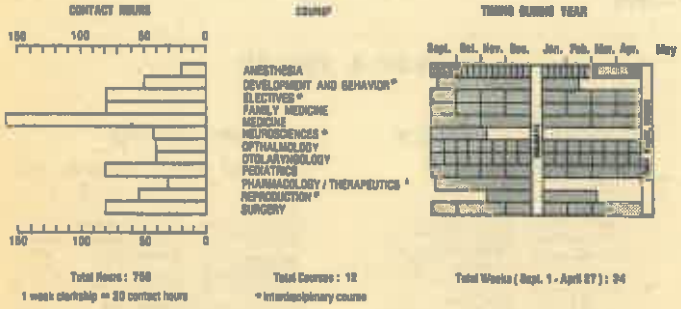
Third Year (Junior Clerkship)

Begins in late August or early September, with a duration of 32 weeks.

Required Clerkship Rotations	
Anaesthesia	1 week
Electives	4 weeks
Family Medicine	4 weeks
Medicine	8 weeks
Pediatrics	4 weeks
Ophthalmology	2 weeks
Otolaryngology	2 weeks
Surgery	4 weeks

Required Courses (Tuesday, Thursday afternoons)	Hours
Development and Behavior	50
Neurosciences	41
Pharmacology/Therapeutics	31
Reproduction	53

MEDICINE III, 1987/88



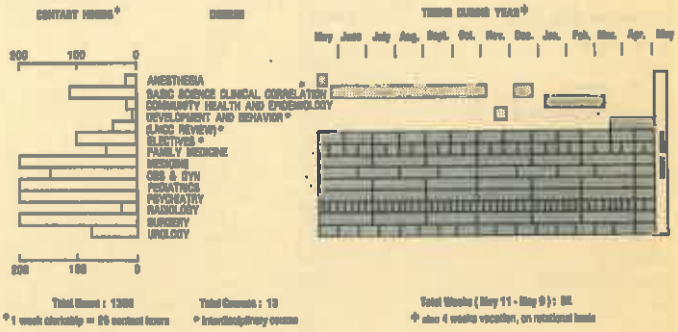
Fourth Year (Senior Clerkship)

Begins in late April or early May, with a duration of 52 weeks.

Required Clerkship Rotations	
Electives	4 weeks
Family Medicine	2 weeks
Gynaecology	2 weeks
Medicine	8 weeks
Obstetrics	4 weeks
Pediatrics	8 weeks
Psychiatry	8 weeks
Radiology	1 week
Surgery	8 weeks
Urology	3 weeks

Required Courses (Wednesday afternoons)	Hours
Anaesthesia (Advanced Cardiac Life Support)	16
Basic Science Clinical Correlations	128
Community Health and Epidemiology	15

MEDICINE IV, 1987/88



Courses

The courses in the 1987-88 curriculum are listed alphabetically. The course committee membership is listed (excluding student and Medical Education Unit members), and the course is briefly described.

Anaesthesia

Dr. R.A. Barker, Chairman
Dr. C.E. Hope
Dr. D. Imrie
Dr. R. Toma

This course is departmentally-administered. The Course Committee is responsible for Basic Cardiac Life Support training in First Year, for a one-week clinical clerkship in Third Year and for Advanced Cardiac Life Support training in early Fourth Year.

Anatomy

Dr. D.M. Chapman, Chairman
Dr. D.H. Dickson
Dr. D.G. Gwyn
Dr. M.M. Hansell
Dr. R.A. Leslie
Dr. I.G. Mobbs
Dr. V.G. Vethamany
Dr. R.J. Wassersug

This course is departmentally-administered and consists of an introduction to the structure of the normal human body early in the First Year.

Basic Science Clinical Correlations

Dr. G.R. Langley, Chairman

This course is an interdisciplinary one which runs throughout the Fourth Year. The purpose of the course is to demonstrate the importance of basic sciences in understanding and solving clinical problems.

Biochemistry

Dr. C.W. Helleiner, Chairman
Dr. A.H. Blair
Dr. W.C. Breckenridge
Dr. R.W. Chambers
Dr. M. Tan

This departmentally-administered course runs throughout the First Year. The major goals of the course are to provide students with the basic principles important to a practising physician and to indicate where we are in our attempt to understand at the molecular level the steady-state process we call "life."

Blood/Immunology

Dr. D.R. Barnard, Co-Chairman
Dr. T. Issekutz, Co-Chairman
Dr. R.I. Carr
Dr. L.A. Fernandez
Dr. V.W. Ing
Dr. L.S. Kind
Dr. J.M. MacSween
Dr. A. Pyesmany
Dr. E. Zayed

This course is an interdisciplinary one which occurs in both First and Second Year, with an emphasis on the normal in First Year and abnormal in the Second.

Cardiovascular

Dr. M.J. Gardner, Chairman
Dr. J.A. Armour
Dr. J.H. Cooper
Dr. J.P. Finley
Dr. B.R. MacKenzie
Dr. R.M. Miller
Dr. I.G. Mobbs
Dr. D.A. Murphy
Dr. W.J. Sheridan
Dr. R.J. Wassersug

This course, administered by an interdisciplinary committee, occurs during the First and Second Year with an emphasis on the normal structure and function of the cardiovascular system in First Year and abnormalities in the Second Year.

Community Health and Epidemiology

Dr. P. Ruderman, Chairman
Dr. K. Kurji
Dr. L. McIntyre
Dr. A. Richman

This is a departmentally-administered course, with components in the First, Second and Fourth Years.

Development & Behaviour

Dr. D. Hogan, Chairman
Dr. P. Brown
Dr. A. Corvin
Dr. J.M. Dooley
Dr. R.A. Fox
Dr. K.J. MacKinnon
Dr. K. Mann
Dr. H. Orlik
Professor J. Penney
Ms. B. Prime-Walker
Mr. L. Rozovsky

This is an interdisciplinary course in the First and Third Years. Emphasis is on personal management, medical ethics, human sexuality, death and dying, human growth and development and law for the physician.

Electives

Dr. M. Wilkinson, Chairman
Dr. M.L. Givner
Dr. J.G. Holland

A significant portion of each of the four years is available for study of the student's choice. In the First Year the emphasis is on utilization of the medical literature.

Endocrine

Dr. W.H. Moger, Chairman
Dr. E.C. Abbott
Dr. R.S. Rittmaster
Dr. S. Salisbury
Dr. A.H. Shloesberg
Dr. M. Tan
Dr. S.E. York

This interdisciplinary course occurs in the Second Year of the curriculum. It covers the microanatomy, physiology, pathology and clinical aspects of the endocrine system. This material is presented in lectures, tutorials and laboratories.

Family Medicine

Dr. I.A. Cameron, Chairman
Mr. G. duBois
Ms. A.M. Hardman
Dr. B. Oliver
Dr. D.B. Shires

This departmentally-administered course consists of a four-week clerkship rotation in the Third Year and a two-week rotation in Fourth Year. In addition to formal small group sessions, students are assigned to preceptors, many of whom practise in smaller communities throughout the Maritime provinces.

Gastrointestinal

Dr. M.J. Burnstein, Chairman
Dr. W.M. Henderson
Dr. S. Hirsch
Dr. D.A. Malatjalian
Dr. I.G. Mobbs
Dr. R.T. Tanton
Dr. R.J. Wassersug
Dr. M. Woolnough

This interdisciplinary course takes place in the First Year, where the emphasis is on normal structure and function, and the Second Year where students learn to analyze and manage gastrointestinal problems.

Head & Neck

Dr. D.G. Gwyn, Chairman
Mr. G. Allen
Dr. J.R. Asuncion
Dr. D.M. Chapman
Dr. M.M. Hansell
Dr. D.A. Hopkins
Professor J.C. Penney
Dr. J.G. Rutherford
Dr. I. Samad

This departmentally-administered course covers the gross anatomy, radiological anatomy and embryology of the more important aspects of the head and neck, along with the histology of the special senses.

Infection

Dr. D.E. Mahony, Chairman
Dr. M.T. Dalton
Dr. K.B. Easterbrook
Dr. J.A. Embil
Dr. D. Haase
Dr. T.J. Marrie
Dr. W.F. Schlech

This interdisciplinary course is taught in the Second Year. It provides an introduction to Microbiology, bacterial structure, growth, genetics, sterilization and disinfection followed by a description of bacteria, viruses, fungi and parasites which cause infectious diseases of the human body. There are lectures, laboratories and tutorial sessions.

Medicine

Dr. R.T. Tanton, Chairman
Dr. E.C. Abbott
Dr. B.J. Cookey
Dr. C.R. Dean
Dr. E.R. Harrison
Dr. D. Hogan
Dr. E. Jones
Dr. C.I. Kollpillai
Dr. D.J. Macintosh
Dr. M.J. Scott
Dr. D. Simpson

Dr. I.M.J. Szuler
Dr. S.E. York

This departmentally-administered course consists of an introduction to interviewing and clinical skills in the First Year, consolidation of these skills and some subspecialty teaching in Second Year, a Third Year Junior Clerkship rotation and a Fourth Year Senior Clerkship rotation. Selectives are available in the final year.

Musculoskeletal

Dr. S. Ahmad, Chairman
Dr. D.I. Alexander
Dr. R.E. Clattenburg
Dr. A. Covert
Dr. J.V. Jones
Dr. C.L. MacMillan
Dr. J.J.P. Patil
Dr. D.P. Petrie
Dr. S.E. York

This is an interdisciplinary course. During the First Year students are taught anatomy, physiology, pathology and radiology of the musculoskeletal system in lectures, labs and small group settings. Correlative sessions are provided to emphasize the relevance of the First Year teaching in Clinical Medicine. The Second Year course emphasizes Clinical Medicine including rheumatology, orthopaedics, rehabilitation medicine, radiology as well as neoplastic and metabolic diseases of the musculoskeletal system.

Neurosciences

Dr. R.A. Purdy, Chairman
Dr. T.J. Benstead
Dr. B.D. Byrne
Dr. P. Camfield
Dr. B.K. Doane
Dr. D.S. Malloy
Dr. C. Maxner
Dr. P. Nance
Dr. J.G. Rutherford
Dr. J.C. Szerb

This interdisciplinary course takes place in the Second Year, where the emphasis is on normal structure and function of the neurological system, and in the Third Year where the emphasis is on clinical problems.

Obstetrics and Gynecology

Dr. D.C. Young, Chairman

This departmentally-administered course consists of a four-week rotation in Obstetrics and a two-week rotation in Gynaecology during the Fourth Year.

Ophthalmology

Dr. A. Hoskin-Mott, Chairman
Dr. J.W. Beaton
Dr. R.G. LaRoche
Dr. R.M. Read

This departmentally-administered course consists of a two-week clerkship rotation in the Third Year. Theory, practical assessments and a varied experience with both adults and children, combined with an experience at the Sir Frederick Fraser School for the Blind comprise this program.

Otolaryngology

Dr. F.H.S. Wong, Chairman

This departmentally-administered course consists of a two-week clerkship rotation in the Third Year. Emphasis is on skills relevant to the non-specialist. Students are involved in outpatient clinics and preceptors' offices as well as with in-patients.

Paediatrics

Dr. M. Ste-Marie, Chairman
Dr. J.P. Anderson
Dr. J.M. Dooley
Dr. R.B. Goldbloom
Dr. M. Ogburn
Dr. K.E. Scott

This course is departmentally-administered. The Second Year program is devoted principally to the acquisition of basic skills of physical examination and history taking in infants and children. The students also get an introduction to the normal newborn. During a one-month clerkship in the Third Year students have an opportunity to work up and follow in-hospital patients. The emphasis is on common paediatrics problems. A Senior Clerkship rotation in the Fourth Year provide students with more training in Neonatology and other selective opportunities.

Pathology

Dr. G. Rowden, Chairman
Dr. S.F. Boudreau
Dr. J.H. Cooper
Dr. A.D. Fraser
Dr. T. Ghose
Dr. O.A. Hayne
Dr. S.J. Lurier
Dr. M.A. MacAulay
Dr. R.F. McCurdy
Dr. M. Moss

This departmentally-administered course in the First Year consists of an introduction to the study of disease. General pathological features of cell injury, repair and healing, inflammation, thrombosis, embolism and infarction, disturbances of cell division and differentiation including cancer, physical and chemical injuries to cells and other selected topics (e.g. diabetes, aging) are considered.

Pharmacology/Therapeutics

Dr. K.W. Renton, Co-Chairman
Dr. J.D. Gray, Co-Chairman
Dr. C.R. Dean
Dr. J.W. Downie
Dr. G.R. Ferrier
Dr. D. Haase
Dr. M. Karmazyn
Dr. J. Klotz
Dr. B.L. Pope
Dr. J. Sawynok
Dr. T. Vanderberg
Dr. T.D. White
Dr. S.E. York

This interdisciplinary course consists of a Second Year program with an emphasis on pharmacological principles, such as factors affecting absorption, metabolism and excretion of drugs, and pharmacokinetics. In this course the major groups of drugs are discussed with special reference to their mechanisms of action. In the Third Year program the emphasis is on the therapeutic application of these drugs. Teaching in the Third Year concentrates on the basic principles rather than specific therapeutics of different diseases. Workshops on alcohol and substance abuse are included.

Psychiatry

Dr. H. Orlik, Chairman
Dr. S. Hirsch
Dr. W.O. McCormick
Dr. A. Munro
Dr. A. Stokes

This departmentally-administered course consists of a Second Year program and a Fourth Year clerkship. In the Second Year students are introduced to clinical psychiatry in lectures and small group patient contact sessions. In the Fourth Year the students are involved in a clerkship in which in-patients and outpatients are seen. This program is complemented by a seminar series.

Radiology

Dr. B.K. Flemming, Chairman
Dr. D.B. Fraser
Dr. E.B. Grantmyre
Dr. J.R. Jackson
Dr. A.D. MacKeen
Dr. J. Rees
Dr. M. Woolnough

This departmentally-administered course consists of a one-week rotation in the Fourth Year. The students learn about the appropriate diagnostic examinations for various clinical problems as well as discriminating between competing and complementary studies. An attempt is also made to assist the student in developing rudimentary interpreted skills.

Renal

Dr. R.D. Schwarz, Chairman
Dr. D. Hirsch
Dr. I.G. Mobbs
Dr. N. Morgunov
Dr. R. Norman
Dr. A. Trillo

This is an interdisciplinary course. In First Year an emphasis is on normal structure and function, and in the Second Year program abnormalities and clinical disorders are discussed.

Reproduction

Dr. D.C. Young, Chairman
Dr. D.M. Nance
Dr. M. Wilkinson
Dr. E. Winsor
Dr. I. Zayid

This is an interdisciplinary course which takes place in First, Second and Third Year, gradually moving from normal structure and function to clinical disorders.

Respiratory

Dr. I.E. Purkis, Chairman
Dr. D. Bowie
Dr. C.W. Bugden
Dr. J.G. Holland
Dr. D. Hughes
Dr. D.T. Janigan
Dr. J.H. MacGregor
Dr. A.R. MacNeil
Dr. R.J. Wassersug

This is an interdisciplinary course. The First Year program emphasizes normal structure and function, and in the Second Year program clinical disorders are introduced.

Surgery

Dr. J.A. Myrden, Chairman
Dr. D.I. Alexander
Dr. D. Bethune
Dr. M.J. Burnstein
Dr. M.T. Casey
Dr. M. Giacomantonio
Dr. R.O. Holness
Dr. A.C. MacDonald
Dr. S.T. Norvell
Dr. P.D. Roy
Dr. R.D. Schwarz
Dr. H.M. Simms
Dr. B.J. Steele
Dr. D.V. Willoughby

This departmentally-administered course consists of a brief introduction to surgical management in the Second Year, as well as clinical rotations in the Third and Fourth Year clerkships.

Urology

Dr. R.D. Schwarz, Chairman
Dr. R.B. Auld
Dr. S.A. Awad
Dr. S.G. Lannon
Dr. O.H. Millard

This departmentally-administered course consists of a three-week clerkship rotation in the Fourth Year. Experience with in-patients and outpatients is complemented by a seminar program.

The Medical Education Unit

The purpose of the Medical Education Unit is to assist educational planning and functioning in the Faculty of Medicine by: (1) helping to coordinate and administer all undergraduate medical classes and educational experiences; (2) helping to organize, administer, analyze and evaluate all external and internal examinations and evaluations and undergraduate medical students; (3) implementing faculty development workshops and seminars, and responding to individual faculty learning needs; (4) providing or seeking advice and consultations for the functioning committees of faculty in all areas of educational planning, implementation and evaluation, and (5) evaluating curricular changes and innovations, and initiating and developing researchable questions which will assist in development and improvement of the educational experience for our undergraduate medical students.

Personnel are as follows:

Director—Karen Mann, PhD

Curriculum Coordinator—Sheila Johnson,BA

Evaluation Coordinator—TBA

Faculty Development Coordinator—D. Bruce Holmes, MEd

Medical Students in Hospitals and Other Clinical Settings

This document was developed by the Undergraduate Medical Education Committee, with input from the Council of Teaching Hospitals, as a guide to students, faculty, senior house staff and hospital administrators. A medical student is a person enrolled in the Dalhousie Faculty of Medicine program leading to the MD degree. This includes students from other universities receiving portions of their education at Dalhousie. The clinical settings include patient contact on hospital wards, in operating rooms, emergency and outpatient departments, in the offices of preceptors, public health clinics, other health facilities and on home visits. While in the hospital, students are subject to the rules of the hospital as well as those of the Faculty of Medicine.

Student Identification

Each student should wear his nametag on the left upper chest. The nametag may be the one provided by the Faculty of Medicine, or one provided by the hospital if the hospital prefers. The nametag identifies the student by name, as a "Student Physician" and, in the final two years, and by the level of training (e.g. "Junior Clerk" or "Senior Clerk"). Junior Clerk nametags are yellow; Senior Clerk nametags are blue.

On meeting a patient or family member for the first time, the student should identify himself by name and level of training and name his preceptor or attending physician. For instance: "Hello Mrs. Jones, I'm Mary Smith, a

third year medical student working with Dr. Comeau." Hospital staff and faculty should refer to students as "Mr., Mrs. or Miss" rather than "Doctor."

Student Dress and Appearance

Appearance shall be professional and in accordance with hospital regulations. Unless otherwise specified by the preceptor, medical students shall wear clean, white, pressed lab coats of hip or knee length. No jeans. No sneakers or barefeet in sandals. Men shall wear ties or turtlenecks. Women should avoid long necklaces. Minimal jewelry. Senior Clerks may wear open neck hospital white shirts and trousers. Students are responsible for obtaining and laundering their own uniforms. Operating room "greens" are suitable for the operating and recovery rooms only. Hair should be under control. Nails should be short.

Hours

In the final two years of medical school, the student shall conform to the schedule of the clinical service to which he is assigned, which may include Saturday morning, except for centrally-scheduled activities. Junior Clerks have scheduled activities every Tuesday and Thursday afternoon from 1:30 to 5:30 p.m. Senior Clerks have scheduled activities every Wednesday afternoon from 1:30 to 5:30 p.m. Junior and Senior Clerks shall leave their clinical settings early enough to reach these scheduled activities on time, and shall not be expected to return to the clinical setting unless "on call" that evening.

Night and Weekend Call

Junior and Senior Clerks may be asked to take night and weekend call if there is educational merit. Every third night and every third weekend is the maximum frequency unless specifically approved by the Undergraduate Medical Education Committee. Clerks should not be on call on the final night of a rotation. Rotations begin on Monday at 8:00 a.m. and finish on Sunday (or on the final day of the year) at 5:00 p.m. If no bed is available, the student will not be expected to remain in the hospital after 11:00 p.m.

Clerks shall not be on call alone, but always with an attending physician and ordinarily an intern or resident as well. Junior Clerks on call will always be called in addition to, not prior to or instead of, a more senior house staff member or attending physician. Senior clerks may be called alone, but only in situations agreed to by the course committee and the medical director of the hospital involved.

Holidays

First and second year medical students do not work on statutory or University holidays. This also applies to Junior Clerks except that there is no February study break in third year. Senior Clerks shall work according to the schedule of their preceptor or hospital. If additional holiday time is to be taken for religious reasons or to write optional exams, it is the student's responsibility to notify the attending physician in advance.

Insurance

Students and the University are insured against litigation arising from actions taken during their education, whether at Dalhousie or during elective experiences elsewhere.

Vaccinations

During the course of a medical student's study and subsequent career, exposure to communicable diseases is extremely common. One preventable infection, for which a safe and effective vaccine is available, is Hepatitis B. Infection with Hepatitis B can be fatal or can lead to a chronic carrier state that may jeopardize practice opportunities. It is strongly recommended that all students seek immunization with the Hepatitis B vaccine prior to starting their clinical rotations. This vaccine is expensive but is a worthwhile investment in the future. Students who wish vaccination against Hepatitis B or organisms that may be encountered on electives abroad may arrange these through the Dalhousie Student Health Service at their own expense.

Illness

A Junior or Senior Clinical Clerk who becomes ill should notify the attending physician as soon as possible to ensure that responsibilities are transferred to others. Leaving a message with the hospital switchboard or ward clerk is not considered adequate notification.

Stipend/Expenses

Senior Clerks receive a stipend from the hospitals of approximately $225 per month. Expenses for travel and accommodation are borne by the student.

Relationships With Other Members of the Health Care Team

These relationships shall be courteous, respectful and collaborative.

Consent by Patient to be Involved in Medical Education

A patient may prefer not to be involved with medical students. The patient's preference shall be respected, regardless of whether the patient is on a teaching unit or not.

Confidentiality

Students should respect a patient's right to privacy. All transactions between a student and patient are confidential and should not be discussed except with other members of the clinical team, the student's preceptor or in a way which makes it impossible to identify the patient. Such discussions should not take place within hearing of other patients, visitors or staff.

Degree of Responsibility

Any involvement with a patient by a student at any level of training is a responsible act. A student's actions, or failure to act, may cause emotional or physical harm. Each student is responsible for his own actions and shall neither seek nor accept medical or other professional responsibility beyond his capabilities. Patient care responsibilities must only be assigned to students to a degree commensurate with their ability and in a volume estimated to provide optimum learning without diminishing the quality of patient care. The degree of responsibility will be graded and progressive consistent with the individual's capabilities. Students should only have responsibility for the care of patients where educationally advantageous or in an emergency.

No student should have any personal, educational or professional involvement with a patient except at the direction and under the supervision of a faculty member or duly qualified health professional to whom instruction has been delegated (with hospital privileges, when such involvement takes place in a hospital). The student should exercise judgement as to whether another member of the health care team or family member should be present during an examination.

The Faculty of Medicine assigns students to Course Committees. The Course Committee assigns students to preceptors with access to patients through their offices or their hospital appointments. Each preceptor is responsible to the Course Committee (and thereby the University) for all matters that relate to the student's education and evaluation. The preceptor is responsible to the hospital and/or the Provincial Medical Board for any actions of a student under his supervision that affect patient care.

All notes by a student in the medical record, including referrals and requisitions, must be legible and be signed by the student indicating the student's level of training (e.g. Mary Comeau, Junior Clerk). All such notes should also be promptly signed by a licensed physician who thereby takes responsibility for the accuracy of the content of the note. This licensed physician may be the patient's intern or resident. No order for an investigation or treatment may be acted upon unless so countersigned.

Evaluation

Examinations

Examinations are held in the Faculty of Medicine for two purposes:

(1) to enable both student and Faculty to evaluate progress, which determines where satisfactory progress has been achieved, and also to discover where difficulties lie so that remedial action can be taken; and

(2) to certify to the public and its licensing authorities that a graduate of this Faculty of Medicine is a dependable and competent physician.

To meet the above objectives, two types of examinations are held throughout the first three undergraduate years. *Learning examinations* are held occasionally throughout the year to enable each student to evaluate areas already learned in order to use time more efficiently in preparation for final exams. *Grading examinations* ordinarily take place at Christmas and/or at the end of the school year.

Promotion and Examination Guidelines 1987-88 (subject to change for 1988-89 academic year)

These guidelines are reviewed annually by the Examination Committees and the Undergraduate Medical Education Committee (UMEC). The guidelines may, under unusual circumstances be modified during the year. Students will be notified in writing of any such change. Registration in the Faculty of Medicine implies acceptance of these rules and regulations.

A. The Examination Process

Each course decides on its evaluation format, content and the relative weighting of different evaluation components. The evaluation reflects the objectives and curriculum of the course. In the first two weeks of each academic year students will be informed about the courses to be evaluated, the timing, general format and weighting of the evaluations. Each course will explain its evaluation plan in more detail to students at the beginning of the course. Students with extensive prior education (e.g. a graduate degree) in a course may be given a course *exemption* with the approval of the course chair and chief examiner.

Evaluation methods may include any or all of the following: written examinations, assigned projects, orals, clinical exams (with real or simulated patients), practical exams or subjective evaluation by peers, preceptors and other members of the health care team. A specific breakdown of the examination (e.g. the proportion of multiple choice versus short answer questions) is sometimes provided. Students should understand that this is tentative and only a courtesy. In an effort to provide a valid examination, changes in specific items sometimes take place at the last moment. Faculty members (and even course chairs) occasionally make remarks which, although intended to be helpful, conflict with information from other sources. Official communications about evaluation will be received in writing from the Medical Education Unit (MEU) Evaluation Coordinator, the Chief Examinar or the Associate Dean for Undergraduate Medical Education.

Interim evaluation is evaluation during a course which contributes to the final mark. *Learning examinations* do not contribute to the final mark.

Examination content is requested from the individual *teachers*. When such evaluation items are not available, questions may be used from that course's examination item bank which is regularly revised. In either case, the content is reviewed for clarity, degree of difficulty and appropriateness. Once satisfied with the examination items, the items are submitted by the Course Evaluation Coordinator to the Examination Committee.

The *Examination Committee* for each of the four years is composed of the evaluation representative of each Course Committee, the Chief Examiner (Chair), student(s) from the next most senior year, the Medical Education Unit's Evaluation Coordinator (ex officio) and the Associate Dean for Undergraduate Medical Education (ex officio). The Examination Committee approves plans for all student evaluation by the Course Committee, including practical, clinical, interim, deferred, remedial and learning examinations.

External Examinations (e.g. the National Board of Medical Examiners Part I and II exams) may also be required and contribute to the students' grades.

The examinations *schedule* is set by the Examination Commmittee and approved by UMEC. When, and in what combination, exams are scheduled is often based on such practical concerns as the degree of difficulty and length of exams, available rooms and set-up time. Evaluation in one course should not unduly affect coursework or evaluation in another. The schedule may not be changed without UMEC approval and adequate prior notification of the students involved.

Conduct during examinations is subject to the regulations of the University (see section K later in this document). No student is permitted to leave the examination before, or enter after, 30 minutes have elapsed. Late students will not be permitted extra time. A student who misses an examination without approval in advance from the Dean's Office will be deemed to have failed it until and unless a satisfactory explanation is provided. Deferred examinations may sometimes be permitted when acute illness occurs.

Marking is done by computer for multiple choice items and by Faculty members for free response items. Only the courses which submit marks in numerical format, as all courses (except the Electives course) are encouraged to do, will be included in the aggregate.

If a course has *"pass/fail"* status, the student is *required* to pass that course to pass the year. The designation of a course as a pass/fail subject is made annually by UMEC on the advice of the Examination Committees. In the first and second years of study, generally any course comprising 5% or greater of the curriculum in that year will be a pass/fail subject. Courses too small for individual pass/fail status may be grouped. Only very large courses may require the student to pass individual components of the course, using the 5% guideline. However, for criterion-referenced examinations students may be required to pass several components of the examination, with the opportunity of a prompt retest in a failed component available if the student's performance in that course otherwise warrants. In the third and fourth years, the 5% guideline shall apply for centrally-organized course work. However, all clerkship courses have pass/fail status. The Elective rotations in any single year (if more than one) will be considered a single course for this purpose.

The *student course committee representatives* of each class meet as a group with the Chief Examiner of that year (Chair), the Associate Dean of Undergraduate Medical Education, the Associate Dean for Student Affairs, the Director of the Medical Student Advisor Program and MEU Evaluation Coordinator to identify student concerns about the courses or their evaluation. This meeting takes place after examinations but before marks are available.

After examination marking the results are reviewed by the Evaluation Representative of each Course Committee with the MEU Evaluation Coordinator. Items which, in retrospect, were incorrect or unfair are removed from consideration. Marks are not scaled or "fitted to a curve" (norm-referenced).

Once the Course Evaluation Representative is satisfied with the reliability and validity of the exam, the marks are discussed at the *Pass/Fail Consultation* meeting. Those in attendance are the Course Committee Chairs and/or Evaluation Representatives, the Associate Dean of Undergraduate Medical Education (Chair), the Chief Examiner, the Associate Dean of Student Affairs, and the MEU Evaluation Coordinator. The Course Committee representatives, with the advice of the others present, review the marks and finalize decisions about which students will pass, fail or receive distinction in their respective courses. The Course Committee representatives will also indicate if they have reservations about the fitness and aptitude of any student for the study and practice of medicine (see also section I), noting the extent of the reservations and reasons for them.

The *pass mark* for each course is 55% or greater. Although experience has shown that an average of 5-10% of each class will obtain a failing mark in each course, there is nothing in the examination system to prevent all students from passing (or failing). No more than 10% of the students with a mark of 80% or greater in a course may be awarded *distinctions*, and only if they have demonstrated mastery of the course and are truly distinctive in relation to their peers. Courses may establish separate criteria (which may include additional assignments or exam items) for determining which students merit distinctions.

The marks from each course are *weighted* in proportion to that course's contribution to the curriculum of that year and then summed to get the *aggregate* (expressed as a percentage). The weighting factors are determined annually by the Examination Committees and approved by UMEC.

Results from the Pass/Fail Consultations meeting are submitted to the *Promotions Committee* which meets at year end. A separate Promotions Committee (for each year) is composed of the Associate Dean of Undergraduate Medical Education (Chair), the Associate Dean of Student Affairs, the Chief Examiner, the Chairman or Evaluation Representative of each Course Committee in the year under discussion, the Medical Education Unit Evaluation Coordinator, the D.M.S.S. Vice-President for Medical Education and the Class President.

The Promotions Committee decides which students to recommend to Faculty for: pass of the year, failure with permission to do supplemental examinations, repetition of a year or withdrawal from the study of medicine. The Promotions Committee cannot change a mark or permit a student to advance who has not met the academic criteria. A student must pass all courses with pass/fail status and must attain 63% of the aggregate to be promoted. In addition, the Promotions Committee must decide on each student's aptitude and fitness for the study and practice of medicine, basing its decision on all available information (including input from course committees, tutors, peers, hospital staff and the Fitness Panel). The criteria

used by the Promotions Committee in making these decisions are described in the sections which follow.

In considering students in difficulty, the Promotions Committee reviews the case of each student individually, taking into account all information pertaining to the student's performance. Students experiencing personal or health problems which interfere with academic performance should, before examinations, identify these problems to the Associate Dean of Student Affairs or the Associate Dean for Undergraduate Medical Education as appropriate. If the student prefers, he or she may describe such special circumstances in a letter within a sealed enveloped labelled "only to be opened in the event of academic difficulty." This letter will be returned unopened to the student if not used. The Promotions Committee, in truly exceptional circumstances, may use its discretion in interpreting and applying these Guidelines and deciding whether to permit a student to attempt supplemental examinations or repeat a year. The onus is on the student to provide sufficient information and documentation to convince Promotions Committee to exercise its discretion.

The Promotions Committee reports to *Faculty*. Student representatives, the DMSS Vice President for Medical Education and the Class President, attend the Faculty meeting. Faculty confirms the Promotions Committee report unless Faculty wishes any decision of the Promotions Committee to be reconsidered. In that case, the Promotions Committee will reconsider and report again to Faculty. Faculty may only overrule the final Promotions Committee report by a vote of two-thirds of the members present.

The *role of the students* on the Promotions Committee and at the Faculty meeting is to present the general student perspective during discussion and to assure fellow students that the process has been fair. Student representatives are not expected to function as advocates of individual students or to solicit information in advance about the special circumstances of students in jeopardy. Nor are student representatives expected or permitted to communicate to students the recommendations of the Promotions Committee or the decisions of Faculty.

The day after approval by Faculty, marks are sent to students, at the address of their choice. It is the student's responsibility to obtain the examination results promptly to ensure that remedial plans can be made in the event of course failures. Results will be given over the telephone, no earlier than 7 working days after the posting of grades, if the student can provide proof of identity with the student identification number.

B. Reviewing an Examination

After students have received their marks, they are encouraged to review the examination and their answers in the presence of invigilators on a single occasion set by the MEU Evaluation Coordinator about two weeks after the marks are posted. Students who wish to review their examinations must arrange to be available that day. The purpose of the review is to facilitate learning, to arrange for subsequent remedial work on areas of difficulty and to identify any errors in marking, transcription or computation. No notes made during the review may be taken away, and nothing may be written on the examinations. Students may make arrangements with faculty members to subsequently discuss problem areas, but this will be done without the examination papers. Courses which wish to give the examination papers back to the students may do so, but only after the deadline for reassessment of grades has passed.

C. Reassessment of a Grade

A student may request a remarking of any examination by a formal request to the Dean's Office within 21 days of the release of marks. No remarking will take place until after this deadline unless the result of the remarking has a bearing on an appeal. There is a $50 administration fee for each examination. Two independent faculty members will perform the remarking and will be unaware of the original grades assigned. Several other randomly selected papers will be remarked for comparison, if available. The average of the two new marks replaces the old mark whether higher or lower. Only the free response written components of an examination are remarked, not multiple choice questions, and oral/practical items.

D. The Appeals Process

Any student may appeal the Faculty's decision once other avenues (e.g. reassessment of a grade) have been exhausted. The appeal, in writing, should be directed to the Dean of Medicine outlining new information or perceived procedural irregularities. An appeal must be made within 90 days of the date of posting notification of the promotions decision. The Dean, if he feels there are sufficient grounds, directs the request to the Faculty Council, including his rationale for allowing the appeal to proceed. Faculty Council acts as the Appeals Committee for Faculty. Members of the Faculty Council who were present at the Promotions Committee meeting are excluded from participation in the appeal. The Associate Deans of Student Affairs and Undergraduate Medical Education (with or without legal counsel) are permitted to attend to provide factual information, to answer questions and to briefly present this case from the perspective of the Faculty. The student (with or without legal counsel) may be present during the presentation and will be given the opportunity to make a brief presentation. The student, Faculty representatives and any witnesses may be questioned by Faculty Council. The student, Associate Deans and witnesses leave the room while Faculty Council discusses the appeal and renders a decision. Ordinarily, Faculty Council should uphold a student's appeal only if there is significant new information which was not available to Promotions Committee and Faculty, or if there have been significant procedural irregularities. Both Faculty Council's decision and, as a courtesy, the reasons for it are provided to the student in writing.

Should Faculty Council make a decision different from that previously made by the Promotions Committee and approved by Faculty, this must be reported to Faculty prior to the resumption of classes. Faculty may only overrule the Council's decision by a two-thirds vote of the members present.

After exhausting the Faculty appeal procedure, further appeal may be made to the *Senate Academic Appeals Committee* (rules and procedures for appeals may be obtained from the Secretary of Senate). All appeals must be concluded before a student may be readmitted to classes and no student will be admitted to any year after classes have commenced in that year.

E. Supplemental Examinations

A student with an aggregate average between 63% and the class mean who has failed no more than three pass/fail subjects may be permitted supplemental examinations at the discretion of the Promotions Committee. Deferred examinations (see below), the size of the course(s) and severity of the failure are also taken into consideration. A student with an average above the class mean may be permitted a greater number of supplementals. A subject mark of 55% will be awarded to students who pass a supplemental examination. This is intended as a disincentive to students to independently reduce their course load by not studying that course until the summer recess.

The nature and timing of the supplemental examination and of the remedial program required before the supplemental examination will be determined by the course chair, with the approval of the Chief Examiner. Students permitted to do supplemental examinations must contact and discuss remedial plans with a course representative (or in their absence the MEU Evaluation Coordinator) by 14 days after the posting of marks. Many remedial programs consist of independent reading, with access to Faculty and laboratory facilities; others are more structured. Supplemental examinations may differ in format from the final examination (e.g. oral vs written).

Ordinarily, for Med I and II, supplemental examinations are held in the second week of August. For students in Med III and IV, the remedial work and supplementary evaluation may take place in the Vacation and, if necessary, the Elective rotations. The order of rotations of a fourth year student requiring remedial work in Med III may need to be changed to allow the student to complete third year requirements. Due to the absence of a break between third and fourth year, the amount of remedial training necessary after third year may not exceed eight weeks. There is a $25 fee for each supplemental examination.

F. Deferred Examinations

Exam results cannot be adjusted after they are written. Any student who experiences personal or health difficulties sufficient to seriously jeopardize academic performance should notify the Dean's Office as soon as possible and, if an illness is involved, provide documentation on a form available from the Dean's Office. See also Section I as some illnesses of a chronic and recurring nature may render a student unfit for the study and practice of medicine. Note that the Student Advisor Program is confidential and therefore contact with the Director is not considered official notification.

A student requesting permission to do a deferred examination must submit a formal written request on a form available from the Dean's Office, providing all requested information. A panel consisting of the Associate Dean for Undergraduate Education, the Associate Dean for Student Affairs and the Chief Examiner will decide whether to permit a deferred examination, and which examination(s) will be deferred. If a student is well enough to attend classes or clerkship sessions, deferral of examinations will not ordinarily be permitted. The examination to be deferred will usually be in the course where study has been most affected by the personal difficulty or illness. Wherever possible, deferral of interim examinations and examinations with laboratory or clinical components will be avoided.

Examinations deferred will generally be written at the time of supplemental exams. Although deferred examinations are based upon the same objectives as the regular examinations, the format may be different (e.g. an oral rather than a written examination). Ordinarily, unless a student has an average above the class mean, a student will not be permitted summer work and evaluation in more than three courses (total of supplemental and deferred examinations) and may be required by the Promotions Committee to repeat the year. In deciding about the summer course load, Promotions Committee considers the nature, duration and severity of the illness or personal difficulty.

As there is not time for remedial work in the event of a failure, a failure will have the same consequences as a failed supplemental. Distinctions will not be awarded at deferred examinations. There is a $25 fee for each deferred examination.

G. Examination in Other Centers

In exceptional circumstances, examinations may be taken in other centers if satisfactory arrangement for invigilation can be made. The student must submit a written request to the MEU Evaluation Coordinator at least one month before the examination. The request must be approved by the Course Chair and the Chief Examiner. There is an administration fee of $25 for each examination and any fees for invigilation in the other centre will be paid by the student. Only written examinations may be taken in other centers.

H. Repeating a Year

Any student who has not satisfied the criteria for promotion or for supplemental examinations, but has an average mark of 55% or more, has not failed more than 5 courses and is considered fit for the study and practice of medicine may be permitted to repeat a year. This decision is made by the Promotions Committee in the light of academic and other information.

Any student who withdraws voluntarily after December 1 and is allowed to repeat, will be considered a student in a repeat year. No student will be allowed more than one repeat year during the undergraduate program. A student with subject failures at Christmas final examinations must complete the academic year if the student is to be considered for permission to repeat the year unless there are compelling personal or health problems.

A student who meets all promotion requirements, but elects and is given permission to repeat the year, will not be considered a student in a repeat year.

I. Withdrawal from the Study of Medicine

Any student with an average mark of less that 55% or who fails more than 5 subjects in a year will be required to withdraw. A student in a repeat year who does not meet the criteria for promotion will be required to withdraw.

Notwithstanding these guidelines, Faculty may at any time require a student to withdraw if judged to be unsuitable in aptitude and fitness for the profession of Medicine. The Associate Dean of Undergraduate Medical Education may require a student to withdraw temporarily pending such a decision. Because of the nature of the study and practice of Medicine, which places patients in a position of special trust in relation to physicians and medical students, recurrent illness or some types of conduct unbecoming to a member of the medical profession, may be grounds for dismissal, non-promotion or suspension. Aptitude and fitness for the profession of Medicine, as determined by the Faculty and its Course and Examination Committees, are requirements for promotion.

The following are examples of situations where the candidate's aptitude and fitness will usually be considered unsatisfactory. The list is not to be considered exhaustive, but is by way of illustration.

(i) conviction for criminal activity (e.g. drug trafficking, theft over $200).

(ii) persistent substance abuse (e.g. alcoholism, drug addiction, use of illegal drugs).

(iii) use of drugs, alcohol, and related substance at a time or in a manner that might affect clinical performance.

(iv) any medical condition which affects an individual's ability to perform as a physician, particularly if that condition is chronic and recurring and affects judgement. Recurrent or prolonged illness will require that the student obtain documentation of the impact of that illness on academic performance and on the fitness of the student for the study and practice of Medicine. If the student's physician indicates that the illness is highly likely to affect the ability to perform as a physician, the student will be evaluated by the Fitness Panel, a panel of three faculty members appointed by the Associate Dean of Undergraduate Medical Education. This panel will consider the student's situation in confidence and shall advise the Promotion's Committee whether the student is medically fit for the study and practice of Medicine.

(v) unethical behavior (see CMA Code of Ethics and Hippocratic Oath).

(vi) irregularities in evaluation procedures (see Section K below).

All courses shall indicate concerns regarding the fitness and aptitude of a student at any time during the year (citing critical incidents), but no later than the Pass/Fail Consultation meetings. Other sources of such reports may include patients or their families, hospital or university staff.

All students should recognize the importance of *peer evaluation* in the profession of Medicine. Students should suggest to their peers the need for help with problems. Mechanisms are in place through the Student Advisor Program and Student Health Service for students to receive help with personal or health problems in confidence. However, students also have a responsibility to report to the Associate Dean of Undergraduate Medical Education any fellow student whom they believe to be unfit for the study and practice of Medicine.

J. Absence from Medical School

A leave of absence may be approved in advance by the Dean's Council. Normally, a student absenting from medical school without prior permission for an extended period will be presumed to have withdrawn and will not be readmitted. If a student is to be readmitted following an absence from the medical school, the Associate Dean of Undergraduate Medical Education will determine at which level the student may re-enter. Examinations may be required.

K. Irregularities in Evaluation Procedures

This section has been extracted from University regulations.

A student of the University who attempts or who assists any other person in an attempt to obtain, by irregular procedures, academic standing in a course related to any degree, diploma or certificate program, commits an academic offence and is liable to a penalty.

Without limiting possible irregularities in evaluation procedures that may be considered by the Senate Discipline Committee after Faculty decision, the following examples shall be considered irregular procedures:

(i) arranging for or availing oneself of the results of any impersonation at any examination or test.

(ii) attempting to secure or accepting assistance from any other person at any examination or test.

(iii) having in one's possession or using any unauthorized material during the time that one is writing an examination or test.

(iv) without authorization procuring a copy of an examination, test, or topic for an essay or paper.

(v) in the absence of any enabling statement by the Faculty member in charge of that course, submitting any thesis, essay, or paper for academic credit when one is not the sole author.

(vi) without authorization submitting any thesis, essay or term paper that has been accepted in one course for academic credit in any other course in any degree, diploma or certificate program.

The Senate Discipline Committee, when it finds that a student of the

University has committed an academic offence or irregularity may impose one or more of the following penalties:

(i) loss of all credit for any academic work done during the year in which the offence occurred.

(ii) suspension of rights to attend the University for a specified period.

(iii) dismissal from the University.

(iv) such lesser penalty as the Committee deems appropriate where mitigating circumstances exist.

L. Graduation

A student must have completed and passed all components of the curriculum before convocation. For students in their final year who have been unable to do so due to outstanding remedial work or the need to complete work missed due to illness, graduation at the Fall convocation will be possible.

To determine the students who will graduate with Distinction, the marks and distinctions from all four years are considered. This determination is made by the Awards Committee, as are other decisions about graduation awards and prizes.

Licensing

Following the completion of the fourth year of medicine, students write the Medical Council of Canada Qualifying Examination as a requirement for licensure. In addition students are reminded that they must conform to the regulations prescribed by the Medical Board or Council of the province in which they reside. To obtain an Enabling Certificate, the student must apply to the licensing authority of his home province and satisfy the requirements for issuance of same. A brochure is obtainable at the Office of the Provincial Medical Board of Nova Scotia for students from Nova Scotia. The names and addresses of the Registrars of the Medical Licensing Authorities of the Atlantic provinces and the Medical Council of Canada are as follows:

Nova Scotia: Dr. B.J. Steele, Lord Nelson Arcade, Suite 315, 5675 Spring Garden Road, Halifax, N.S. B3J 1H1

New Brunswick Dr. Victor McLaughlin, 10 Prince Edward Street, Saint John, N.B. E2L 4M5

Prince Edward Island: Dr. Stewart MacDonald, 206 Spring Park Rd., Charlottetown, P.E.I. C1A 3Y9

Newfoundland: Dr. Louis E. Lawton, 47 Queen's Road, St. John's, Nfld. A1C 2A7

Medical Council of Canada: The Registrar, P.O. Box 8234, Ottawa, Ont. K1G 3H7

Pre-Registration Clinical Training

Rotating internships and straight internships in Family Medicine, Medicine and Pediatrics are available. These university-arranged and -supervised programs are conducted with the co-operation of hospitals in the Maritime Provinces which provide the facilities of one or more of their clinical services.

The primary objective is to ensure that the intern develops broad competence in clinical medicine that satisfy the licensing requirements for intern training of all Canadian provinces. The program is amended annually to maintain and improve the quality of services to which interns are assigned. The intern is asked to submit a critique of experience on each service, and his performance on each service is evaluated and discussed.

The major emphasis is on provision of a variety of rotating internships which, to maintain educational equivalency, are arranged on a standard format. All rotations provide eight weeks internal medicine, eight weeks surgery, eight weeks obstetrics/ gynecology, eight weeks pediatrics, four 4-week blocks devoted to psychiatry, emergency and elective experience, and four weeks leave. Interns are not assigned to a hospital but to a service within a hospital. Rotating internships are based in either Halifax, Nova Scotia, or Saint John, New Brunswick; rotating interns, as well as straight interns in family medicine, are required to spend from 8 to 16 weeks away from base.

Only a limited number of straight internships in pediatrics and internal medicine are available. These meet the requirements of the Royal College of Physicians and Surgeons of Canada, but do not meet the licensing requirements for general practice of the Provincial Medical Board of Nova Scotia.

Students interested in residency training in Family Medicine should apply for the first year of the two-year training program. This straight internship year in Family Medicine meets the requirements for eligibility for Nova Scotia licensure which is required for entry into the second year.

Resident Training

A number of university-integrated resident training programs, approved by the national accrediting agency concerned, are offered. These prepare candidates to write certification examinations and thereafter practise their specialty. The candidate must have successfully completed pre-registration training. Each program is conducted in a university department, by a director of residency training fully qualified in the discipline concerned. Doctors interested in joining a training program should identify the program in which they are interested when writing to the university.

The College of Family Physicians of Canada approves the two-year training program in Family Medicine. Trainees in the second year receive formal training in at least two different communities, in office, home and hospital settings.

Family Medicine Program Director
Dr. C. Phillips — Department of Family Medicine

The Royal College of Physicians and Surgeons of Canada approved the following programs, which range in duration from three to five years, being in most instances four years.

Programs and Directors

Anaesthesia
Dr. R.A. Barker, Department of Anesthesia

Cardiology
Dr. D.E. Johnstone, Department of Medicine

Community Medicine
Dr. F.M.M. White, Department of Community Health and Epidemiology

Dermatology
Dr. J.B. Ross, Department of Medicine

Diagnostic Radiology
Dr. D.R. Campbell, Department of Radiology

Endocrinology and Metabolism
Dr. M.H. Tan, Department of Medicine

Gastroenterology
Dr. C.N. Williams, Department of Medicine

Geriatric Medicine
Dr. R.A. Fox, Department of Medicine

Hematology
Dr. O.A. Hayne, Department of Medicine

Internal Medicine
Dr. O.E. Mann, Department of Medicine

Neurology
Dr. C.W. McCormick, Department of Medicine

Pediatrics
Dr. A.E. Hawkins, Department of Pediatrics

Paediatric Nephrology
Dr. J.F.S. Crocker, Department of Paediatrics

Physical Medicine/Rehabilitation
Dr. J.L. Sapp, Department of Medicine

Psychiatry
Dr. W.O. McCormick, Department of Psychiatry

Rheumatology
Dr. Edith Jones, Department of Medicine

Pathology Programs
Dr. Ismail Zayid, Coordinator of four Pathology Programs

Anatomical Pathology
Dr. V. Sangalang, Department of Pathology

General Pathology
Dr. V.F. Bowes, Department of Pathology

Hematological Pathology
Dr. B.L. Sheridan, Department of Pathology

Medical Biochemistry
Dr. L.C. Dymond, Department of Pathology

Medical Microbiology
Dr. M.T. Dalton, Department of Microbiology

Nuclear Medicine
Dr. D.R. Campbell, Department of Radiology

Cardiovascular & Thoracic Surgery
Dr. D.A. Murphy, Department of Surgery

General Surgery
Dr. D.V. Willoughby, Department of Surgery

Neurosurgery
Dr. R.O. Holness, Department of Neurosurgery

Obstetrics/Gynecology
Dr. William Wrixon, Department of Obstetrics/Gynecology

Ophthalmology
Dr. M.S. Ramsey, Department of Ophthalmology

Orthopedic Surgery
Dr. R.H. Yabsley, Department of Surgery

Otolaryngology
Dr. G.M. Novotny, Department of Otolaryngology

Plastic Surgery
Dr. W.S. Parkhill, Department of Surgery

Urology
Dr. R.B. Auld, Department of Urology

Continuing Education

Throughout the four undergraduate years, students in the Faculty of Medicine have opportunities to attend and observe university- and community-based continuing medical education programs. Participation of residents is encouraged in all programs of continuing medical education. The student who becomes aware of continuing medical education early in the undergraduate medical career and throughout the four years of training is able to develop a positive attitude towards personal continuing medical education.

Departmental Programs

Anatomy

Professor Emeritus
Saunders, Richard L. de C.H.

Dr. D.G.J. Campbell Professor and Head of Department
D.G. Gwyn

Professors
D.M. Chapman
D.H. Dickson
D.A. Hopkins
D.M. Nance
R.J. Wassersug

Associate Professors
J.R. Asuncion, Jr.
R.E. Clattenburg
M.M. Hansell
R.A. Leslie
I.G. Mobbs
J.C. Penney
J.G. Rutherford
V.G. Vethamany

Assistant Professors
R.W. Currie
P.C Jackson
J.A. Matsubara
J.E. Scott

Lecturers
Y. Shah
G. Sinha

Demonstrators
D. Ferris
S. Specht
S. Whitefield

The objectives of the study of anatomy are: (a) to provide a knowledge of the structure of the human body which may be used as a foundation for understanding other basic sciences and clinical medicine; (b) to correlate the dissection of the cadaver with radiological anatomy and the physical examination of the living; (c) to provide further understanding of the structure and function of organs and tissues through a knowledge of their developmental and microscopic anatomy. The gross anatomy with the exception of Introduction to Anatomy and Head and Neck is organized under the systems of the body (e.g. cardiovascular, gastrointestinal, etc.).

First-Year Medicine

At the beginning of the academic year, an orientation lecture is offered during which the regulations of the Anatomy Act and the Human Tissue Gift Act are explained. Students are also given an introduction to the experience of human dissection.

Lecture and laboratory classes are held in the following courses:

1. Introduction to Human Anatomy — An introductory course which includes cytology, histology and a description of human development to the end of the embryonic period. Basic concepts and principles of gross anatomy as applied to all systems of the human body are also offered.

2. Blood — three hours of instruction covering the cytology of normal blood as demonstrable by the light microscope and by electronmicrographs.

Offered under Systems:

3. Respiratory — covers the basic embryology, histology, gross and radiological anatomy of the human respiratory organs, including the structure of the thoracic wall and the breast.

4. Cardiovascular — stresses the embryology essential for an understanding of congenital heart disease and histology of the heart wall, valves and blood vessels. The gross and radiological anatomy of the heart and great vessels are covered, with emphasis on mediastinal topography, the conducting system and the coronary circulation. The peripheral vessels are studied by dissection with the corresponding system blocks.

5. Gastrointestinal — the gross and microscopic anatomy and embryology of the mouth, oesophagus, abdominal viscera, liver and pancreas and of the rectum and anal region are studied. The gross anatomy of the abdominal contents is correlated with normal radiological anatomy. The musculature of the anterior abdominal wall and the peritoneal reflections within the abdominal cavity are described to give a basic understanding of hernias and common surgical incisions.

6. Renal — covers the embryology, the gross and microscopic anatomy of the kidney, ureter and urinary bladder, as an introduction to clinical study.

7. Musculoskeletal — the microscopic anatomy of bone, cartilage and muscle and the essential embryology, gross anatomy, living anatomy and radiological anatomy of the back, upper limb and lower limb. The peripheral nerves and vessels are also studied to provide a background for the clinical study of abnormal motor activity, nerve injuries and peropheral vascular disease.

8. Reproductive — covers the embryology and histology of the breast and sex organs. Histological details of the menstrual cycle are discussed. The gross anatomy of the male and female pelvis and perineum and external genitalia are studied. Emphasis is placed on the anatomy which is relevant to childbirth.

Second-Year Medicine

Lecture and laboratory classes are held in the following courses:

9. Neurosciences — the gross and microscopic anatomy of the human central nervous system is presented in a series of lectures and laboratory periods. The integration and functional significance of structures composing the central nervous system are stressed. These lectures and laboratories are designed to provide the student with the neuroanatomical foundation necessary for subsequent clinical studies.

10. Head and Neck — covers the gross anatomy, radiological anatomy and embryology of the more important aspects of the head and neck, along with the histology of the special senses. The subject matter is relevant to the Neurology and Neurosciences Course and also prepares the student for studies in neurology, neurosurgery, ophthalmology and otolaryngology.

11. Endocrine — covers the development and histology of the endocrine glands.

Suggested Texts: (ones which the student should buy) Moore, *Human Anatomy;* Gardner, Gray, O'Rahilly, *Anatomy — A Regional Study;* Saverland, *Grant's Dissector;* Grant, *Grant's Atlas of of Anatomy;* Junqueiras Carneiro, *Basic Histology;* Wheater, Burkitt & Daniels: *Functional Histology* or DiFiore; *Atlas of Human Histology;* Moore, *The Developing Human;* Barr, *The Human Nervous System (for second year). Optional: Stedman's Medical Dictionary;* Snell, *An Atlas of Normal Radiographic Anatomy.*

Reference Texts: Clemente, *Anatomy: A Regional Atlas of the Human Body;* Healy, *Synopsis of Clinical Anatomy;* O'Rahilly, *Anatomy, 5th Ed.;* Bloom & Fawcett, *A Textbook of Histology;* Ham & Cormack, *Histology;* Carpenter, *Strong & Elwyn's Human Neuroanatomy;* Hamilton, Boyd & Mossman, *Human Embryology;* Langman, *Medical Embryolgy.*

Electives for Medical Students: The department participates in the elective program.

1. First year students. The Department offers a variety of essay topics covering recent research, which enable students to become familiar with the facilities of the Kellogg Health Sciences Library. The Department also offers short research projects under the direction of staff members for medical students who have masters or doctoral degrees.

2. Second and third-year students. The Department offers short research projects under the direction of staff members. The Department also offers electives in Head & Neck Anatomy, Neuroanatomy. An elective in Musculoskeletal Anatomy is offered in conjunction with the staff of the Division of Orthopedic Surgery.

Residency Training

Programs can be arranged for residents to help fulfill basic science requirements in specialty training.

Graduate Studies

Students wishing to take classes leading to an MSc or PhD degree in Anatomy should consult the calendar of the Faculty of Graduate Studies. Medical graduates wishing to take advanced training in neuroanatomy, gross anatomy, developmental anatomy or histology should consult the Head of the Department. (For details of courses see Faculty of Graduate Studies Calendar.)

Classes for Dentistry Students

Gross Anatomy: A year course, centred on a clinical approach, is offered to first year students. Special emphasis is placed on the anatomy of the mouth and related structures of the head and neck.

Microanatomy: This class for first-year dental students consists of one lecture and a two-hour laboratory per week. This section covers the microscopic structure of the tissues and organs of the human body, stressing the relationship of structure and function.

General Studies: This class for first-year dental and dental hygiene students is given jointly by the Department of Anatomy and the Department of Oral Biology. There are weekly one-hour lectures from September to December and two lectures per week in the second term. Embryology and histology of the head are emphasized.

Neuroanatomy: An overview of the gross and microscopic anatomy of the human central nervous system is presented in a series of approximately nineteen lectures and ten laboratory periods. This course is given in the spring term concurrent with Neurophysiology.

Classes for Health Professions Students

General basic courses in gross anatomy, microanatomy and neuroanatomy are offered to meet the needs of students in nursing and pharmacy (101A), health education and physical educations (102C) and dental hygiene (103C). Instruction is given by means of lectures and laboratory sessions, (except in 101A, where all instruction is by means of lecture). Special courses in gross anatomy (217R/2170R), microanatomy (216A) and neuroanatomy (210B) are offered to Physiotherapy and Occupational Therapy students.

The following courses are open with a limited enrollment to Arts and Science students:

Neuroanatomy 210B/Biology 3440B
Human Histology 216A/Biology 3430A
Comparative Vertebrate Histology/Biology 3421B
Human Gross Anatomy/Biology 3435R
Comparative Vertebrate Neuroanatomy/Biology 3450A

Anaesthesia

Professor and Head of Department
C.E. Hope

Professors
E.A. Moffitt
I.E. Purkis
J.K. Rosales
W.D.R. Writer

Associate Professors
A.A. Drysdale
K.W. Fairhurst
J.H. Feindel
D.D. Imrie
J.W.D. Knox

Assistant Professors
C.T.B. Allen
R.A. Barker
T.J. Coonan
E.C. Davies
S. Doniglewicz
C.P. Joules
R.I. Hall
A.C. Kelly
R.G. McLaren
D.L. Morrison
J.D. Morrison
C.A. Murchland
D. Oxorn
S.S. Persaud
J.A. Smith
J.C. Thomson

Lecturers
A.J.M. Clark
K.R. Dauphinee
A. Finley
B. Gallacher
J.J. Glenn
G.L. Goulding
K.R. Hamilton
P.G. Houlton
P. Jackson
I.C. Keith
G.O. Launcelott
V. Logan
B. MacManus
A.J. McIntyre
I. Morris
M.F. Murphy
J.E.S. Ngan
F. Roper
J.E. Scovil
R.C. Shukla
C.M. Soder
J.A. Stewart
S.S. Stubbs
H. Taylor
G. Whatley
K.F. Wells
H. Yazer

Clinical/Teaching Fellows
W. Gornall
J. Muir
J.T. Murphy
S. Pytka
W. Splinter
R. Toma

The Department of Anaesthesia provides general, regional and local anaesthesia for all types of general surgery, neurosurgery, cardiovascular surgery, urology, gynecology, plastic and orthopedic surgery, and obstetric and pediatric anaesthesia in the operating and case rooms of the hospitals affiliated with Dalhousie University. It has intensive care responsibilities and consultation services in most hospitals. The Department at the Victoria General Hospital is jointly responsible with the Department of Surgery for the Surgical Intensive Care Unit activities. Additionally the Department also operates a Pain Clinic at the Victoria General Hospital.

Its faculty is well equipped to teach all aspects of medicine related to anaesthesia and acute care medicine, and illustrate the application of the basic sciences of physiology, pharmacology and anatomy to anaesthesia. They participate in undergraduate instruction in basic science subjects, and in system block committees. Some are responsible for Basic and Advanced Cardiac Life Support Certification.

Fourth-Year Medicine

A two-day course is given at the beginning of fourth year dealing with cardiopulmonary resuscitation, with an introduction to training in the skills of intravenous therapy, endotracheal intubation, artificial ventilation, closed chest-compression, arrhythmia detection and electrical and pharmacological treatment.

Electives

First Year: Departmental faculty act as preceptors in guiding students in a literature survey.

Second and Third Year: One afternoon per week may be taken as an elective in Anaesthesia, acquiring specific skills or investigating a particular topic.

Fourth Year: Clinical clerks may choose one month of Anaesthesia as an elective, to further practice the basic skills associated with airway control and ventilation.

Internship
Four weeks may be taken in Anaesthesia to further upgrade skills and knowledge related to acute care medicine.

Residency Training
An Integrated University residency training program is available in the Department, consisting of a four-year progam meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating hospitals are the Victoria General, Camp Hill Hospital, Grace Maternity Hospital, Izaak Walton Killam Hospital for Children, Halifax Infirmary and Saint John Regional Hospital.

A two-year diploma course is also available. These two years will count toward Certification or Fellowship of the Royal College of Physicians and Surgeons of Canada.

Biochemistry

Professor Emeritus
L.B. Macpherson

The Carnegie and Rockefeller Professor and Head of Department
R.W. Chambers

Professors
A.H. Blair
W.C. Breckenridge
P.J. Dolphin
W.F. Doolittle
M.W. Gray
C.W. Helleiner
C. Lazier
C. Mezei
F.B. Palmer
S.J. Patrick
D.W. Russell
M.W. Spence (major appointment in Pediatrics)
J.A. Verpoorte
S.D. Wainwright

Associate Professors
R.G. Fenwick
F.I. Maclean
R.A. Singer (major appointment in Medicine)
C.J.A. Wallace

Assistant Professor
M.H. Tan (major appointment in Medicine)

Lecturers
D.M. Byers (major appointment in Pediatrics)
H.W. Cook (major appointment in Pediatrics)
D.E.C. Cole (major appointment in Pediatrics)

First-Year Medicine
Man is an unstable entity. He lives not at equilibrium with his environment but at steady-state with it. This is an inherent consequence of the highly ordered structure displayed by all living organisms. Biochemistry is the study of this highly ordered state. Its goals are to describe (1) how this highly ordered structure is put together; (2) how this unstable structure is maintained; (3) how it is faithfully produced; (4) what causes it ultimately to fail and break down. The major goals of the Medical Biochemistry course are to provide students with the basic principles important to a practising physician and to indicate where we are in our attempt to understand at the molecular level the steady-state process we call "life." The course is divided into four parts. The first of these deals with the macromolecular structure and function of proteins; the second is concerned with intermediary metabolism; the third deals with the transmission and expression of genetic information; and the fourth discusses some special topics in biochemistry of particular interest to clinicians. The course is team taught through a series of lectures and tutorials. Students other than those in Medicine may take this class only with the permission of the department head.

Course coordinator: Dr. Helleiner.

Texts: Lehninger, Principles of Biochemistry.

Suggested references: Smith, Hill, Lehman, Lefkowitz, Handler and White, Principles of Biochemistry; 7th ed., McGilvery, Biochemistry: A Functional Approach 3rd ed.

Second and Third-Year Medicine
The Department makes minor contributions to several interdisciplinary courses.

Electives
The Department offers three types of elective programs to limited numbers of medical students. (1) small research projects under the direction of staff members, (2) investigations in some depth of published work on a topic of the student's choice, utilizing the resources of the Kellogg Health Sciences Library, and (3) remedial classes for students with deficient backgrounds in scientific subjects underlying biochemistry. Students wishing to take an elective in Biochemistry should consult Dr. Helleiner so that a suitable program may be selected.

Exemptions
Exceptionally well qualified students may be permitted to undertake research work in lieu of the regular biochemistry instruction. Those interested in pursuing this should consult Dr. Helleiner.

Classes for Dentistry Students
Biochemistry for first year Dental students D1004A.

Nutrition and Biochemistry D1004B: (taught in collaboration with the School of Nursing for Dental Hygiene students).

Classes for Arts and Science Students
Details of the following classes will be found in the Calendar of the Faculty of Arts and Science.

2000R	Cell Biology and Biochemistry
2600A or B	Laboratory Techniques for Cell and Molecular Biology
3200A	Introduction to Biological Chemistry
3300B	Intermediary Metabolism
3400B	Nucleic Acid Biochemistry and Molecular Biology
4300A	Biochemistry of Carbohydrates and Nitrogen Compounds
4301B	Biochemical Communication
4302A	Biochemistry of Lipids
4303C	Biochemical Energetics
4400R	Protein Synthesis and Control Mechanisms
4403A	Structure, Organization and Replication of Genes
4404B	Gene Expression
4602R	Honours Project and Thesis
4700A	Physical Biochemistry
4701B	Enzymes
4800R	Clinical Medical Biochemistry
4801R	Introduction to Pharmacology
4802R	Principles of Instrumentation

Classes for Health Professions Students
Biochemistry 3100R: Introductory Biochemistry for Pharmacy Students.

Chemistry/Biochemistry 143: (taught in collaboration with Chemistry Department) Introduction to Chemistry and Biochemistry for Bachelor of Nursing Students.

Graduate Studies

The Department offers suitably qualified students an opportunity to study for the degree of Master of Science and Doctor of Philosophy. A complete description of these programs, as well as of graduate classes, is in the *Calendar of the Faculty of Graduate Studies.*

Community Health and Epidemiology

Professor Emeritus
G.B. Stewart

The Eddy Professor and Head of Department
F.M.M. White

Professors
J.A. Embil (cross appointment from Microbiology)
P.C. Gordon (major appointment in Dalhousie Medical Research Foundation)
A.C. Irwin
A.H. Leighton (joint appointment in Psychiatry)
A. Richman (joint appointment in Psychiatry)
A.P. Ruderman (joint appointment in School of Health Services Administration)
D.B. Shires (cross appointment from Family Medicine)

Associate Professors
M.G. Brown (joint appointments in Economics and Health Services Administration)
F.G. Cohen (cross appointment from School for Resource and Environmental Studies)
J.B. Garner (joint appointment in Mathematics)
R. Marchant

Assistant Professors
W.F. Schiech (cross appointment from Medicine)
K.E. Scott (major appointment in Pediatrics)
A.D. Thomson (adjunct appointment from Department of Health, Nova Scotia)
L.O. Wynn

Lecturers
K.H. Kurji
D.R. MacLean (adjunct appointment from Atlantic Health Unit)
L.L. McIntyre (Hospital Epidemiologist, IWK)
E. Mintz

Fellow
T. Ostbye (Lalia B. Chase Fellow)

The major purpose of this Department is to help the student understand the role of the physician in maintaining the health of the population and in the prevention and control of disease. More specifically the teaching program is designed to meet the following objectives:

1. to help the student develop a knowledge and understanding of the methods required for the primary prevention of disease, its early detection and the prevention of its progression.

2. to help the student learn what the health resources of the community are and how these may be most effectively utilized by the physician for the continuing and comprehensive care of his patients.

3. to assist the student in acquiring a basic understanding and knowledge of data acquisition and of its analysis and interpretation, so that he may apply this to both old and new problems of health and disease through a sound, yet critical, approach.

4. to assist the students in acquiring a basic knowledge of the epidemiological approach to problems of maintaining health and preventing disease, and to recognize that health or disease results from the outcome of the interaction of multiple factors in the host, the agents of disease and the environment.

To achieve these objectives the Department participates in the inter-departmental program designed to teach by systems and presents its own core course of lectures and seminars.

First-Year Medicine

Principles of vital statistics, biostatistics and epidemiology are presented, through lectures and exercises. Illustrated briefly are:

1. measures of mortality and morbidity together with a discussion of how and why these have changed over the time.

2. the relationship between socio-economic status and health and the problems to health presented by the growth of the population.

3. epidemiological methods employed in the search for the causes of disease.

4. biostatistical principles in medicine.

Second-Year Medicine

The departmental core course includes a series of lectures, discussions, problem solving exercises and seminars dealing with the epidemiological principles of infectious and non-infectious diseases and environmental health problems. These principles are further illustrated with reference to specific diseases in the interdepartmental systems teaching program.

Fourth-Year Medicine

Under the heading The Physician and the Community, there is a series of lectures, seminars and panel discussions dealing with public health organizations and services, the organization and delivery of medical services, health economics, hospital administration and services and specific programs for major community socio-health problems.

Electives

A broad range of electives are offered, most of which involve observation and study of, and participation in, major community socio-health problems, such as the chronically ill, the aged, the mentally retarded, the alcoholic, the family on welfare, etc. Elective programs are designed to provide a learning experience based on the individual student's particular interest.

Residency Program

A joint residency program approved by the Royal College of Physicians and Surgeons of Canada, is offered in affiliation with the University of Toronto.

Texts: Mausner and Kramer, *Epidemiology — an Introductory Test;* Colton, *Statistics in Medicine;* American Public Health Association, *The Control of Communicable Diseases in Man, 13th ed.* Last, J.M. (ed.), Maxcy-Rosenau, *Public Health and Preventive Medicine, 12th ed., 1986.*

Department of Family Medicine

Professor Emeritus
H.C. Still

Head of Department
D. Gass

Professor
D.B. Shires

Associate Professors
C. Abbott (major appointment in Medicine)
D.C. Brown
I. Cameron
D. Gass
N. Hansen
M. MacCara-Reid
T.J. Murray (major appointment, Dean of Medicine)
W.G.C. Phillips
W. Putnam (major appointment in Continuing Medical Education)

Assistant Professors
H.H. Charman (major appointment in Surgery)
F. Crombie
W.F. Dennis
M. Keating
R. Lea (major appointment in Obstetrics/Gynecology)
H.I. MacGregor
D. Maxwell
B. Prime-Walker
W. Wrixon (major appointment in Obstetrics/Gynecology)

Lecturers
M.R. Banks
J. Boxall
D.V. Brien
J. Curry (major appointment in Surgery)
G. duBois
M. Duncan
L. Freedman
W.L. Johnson
L.A. Kempton
S. Klynstra
E.A. MacLeod
L.L. Morgan
E.V. Phillips
H. Ruparelia
R.F. Scharf
J.A. Smith
J.G. Sommers
E.J. Talani

Instructors
S. Dyer
M. Fleming
S. Gibson
L. Morse
N. Woulff

Senior Clinical Instructor
T. Atkinson

Clinical Instructors
Gillian Alyward
J.F. Archibald
T.E. Atkinson
Brenda Ashley
J.M. Auffrey
Michael Banks
Carolyn Barry
Tom Barry
Gary L. Beatty
Frank Bell
G.H. Bethune
R.L. Brown
G. Campbell-Carlos
J.D. Carson
D. Champion
William Chernin
Gary Chesser
Christopher Childs
Carlyle Chow
Ethel Cooper-Rosen
Donald Craswell
A.C.H. Crowe
M.R. Clark
Louise Cloutier
D.L. Cogswell
Robert J. Cooper
David Cudmore
Donna Curry
Christine Davies
John deMarsh
W.F. Dennis
M. Dingle
Bruce Elliott
Gary Ernest
Ian Feltham
Michael Fleming
James Fitzgerald
Peter K. Fraser
John Fraser
Linda Gagnon
Roland Genge
M. Goodfellow
Susan Gowan
Glenn Gracie
Sydney Grant
Elizabeth Guptill
Steven Hart
K.J. Hasan
Barbara Hayden
J. Kempton Hayes
E.B. Holmes
Michael Johnson
William C. Johnston
George C. Jollymore
Judith C. Kazimiraki
Mark Kazimiraki
Michael Keating
Paul Kinsman
Norman Lister
Ian MacDonald
John W. MacDonald
H. Ian MacGregor
Peter MacKean
James MacKillop
John MacLachlan
Paul MacLean
Edgar A. MacLeod
Donald McDonah
J. Roger McKelvey
John McNab
M.S. McQuigge
Brian Mann
Reg Mishra
Cyril Moyse
Kenneth Murray
Paul Newton
Eugene G. Nurse
John O'Connor
Len O'Neill
Robert Oliver
Edward Phillips
Evan Pugh
Michael P. Quigley
John Ramanauskas
T.L. Reid
Edward Ross
Ann Rothman
J. Sacamano
Ronald Samuels
Shiv Sharma
John B.M. Shaw
Mervin Shaw
Frank E. Slipp
John A. Smith
Murdock Smith
Jack Somers
Perry Spencer
Alexander Steeves
David I. Stewart
Robert Stokes
Paul Sturmy
Patricia Thorpe
D.A. Wade
Robert M. Washburn
Carol White
E. George Whitman
Donald Wright

Family Medicine
The primary objective of this Department is to ensure that students, before graduation, have had some experience in office and home practice and in the long term follow-up of patients. The main objective of the residency training program is to assist physicians planning a career in Family Medicine attain the necessary skills and knowledge and foster the growth of a helping attitude. A number of members of Faculty from different departments participate in the activities of the Department.

First and Second Year Medicine
The Department participates in the interdepartmental systems subject program and in the introduction to Interviewing and Patient Contact teaching.

Third Year Medicine
All students have one month clinical clerkship in Family Medicine. They spend the first two and one-half days of the four week rotation in the Family Medicine Centre, attending seminars and preparing for their clinical experience in two Maritime practices. Each student is assigned two preceptors who are responsible for the schedules of the clerks while with them in their practices. After the community practice experience, the clerks return to the Family Medicine Centre for a two day follow-up and evaluation of the rotation. During this time each clerk is also expected to report on a clinical project topic, a geriatric project topic; as well as varied other assignments.

Fourth Year Medicine
All students have two weeks of clinical clerkship in Family Medicine. Most of these experiences are in community practices outside of the metro area. This is an extension of the third year clerkship. Evaluation is by preceptors assessment, a practice management and two other assignments.

Electives
Individual electives in Family Medicine are offered with respect to the students' interests and abilities in all four years.

Continuing Medical Education
The faculty contribute toward several Continuing Medical Education short courses either in planning or presentation, as well as travelling to community hospitals in the Maritime Provinces and presenting specific topics relating to Family Medicine. In addition, the Department offers a Family Medicine Certification Workshop for candidates writing the certification examinations of the College of Family Physicians of Canada.

Residency Training
The Department and the affiliated hospitals have an established residency program in Family Medicine. This first year (preregistration) meets the requirements for eligibility for licensure in Nova Scotia. The second year focuses on continuing comprehensive ambulatory patient care provided in Family Medicine Centres. Selected experiences in hospital and outpatient departments are also included. The resident may be responsible for the care of his patients who require hospitalization. This year includes a twelve-week learning experience with a private family physician in one of several practices throughout the Maritime provinces. Candidates who complete Dalhousie's Residency in Family Medicine sit the certification examinations of the College of Family Physicians of Canada.

Suggested Textbooks: Shires and Hennen, *Family Medicine: A Guide for Practitioners of the Art;* 2nd edition Rice, Shires, Hennen, Rakel and Conn, *Family Practice;* Medalie, *Family Medicine —.Principles and Applications;* Hodgkin, *Towards Earlier Diagnosis;* McWhinney, *Introduction to Family Medicine.*

Suggested Journals: *Canadian Family Physician, The Journal of Family Practice.*

Medicine

The Carnegie and Rockefeller Professor and Head of Department
R.N. Anderson

Professors
B.W.D. Badley
B.M. Chandler
R.A. Fox
J.D. Gray
P.L. Landrigan
G.R. Langley
H.N.A. MacDonald
R.M. MacDonald
D.J. Macintosh
A.J. MacLeod
J.M. MacSween
T.J. Marrie
T.J. Murray
A.H. Shears
J.J. Sidorov
L.C. Steeves
M.H. Tan
J. Verrier Jones
C.N. Williams
J.F.L. Woodbury

Associate Professors
E.C. Abbott
R.A. Carr
D. Chapman (major appointment in Anatomy)
A.D. Cohen
G.J.H. Colwell
C.R.T. Dean
L.A.V. Fernandez
J.M. Gray
R.D. Gregor
S.P. Handa
L.P. Heffernan
J.G. Holland (major appointment in Physiology and Biophysics)
B.M. Horacek (major appointment in Physiology and Biophysics)
D.R.S. Howell
D.E. Johnstone
E. Jones
V.N. Khanna
R.L. Kirby
G.A. Klassen
B.R. MacKenzie
C.W. McCormick
T.J. Montague
E.L. Reid
J.B. Ross
G. Rowden (major appointment in Pathology)
S. Salisbury (major appointment in Pediatrics)
J.L. Sapp
W. Schlech
A.H. Shlossberg
R.A. Singer
R.T. Tanton
S.E. York
C.H. Young

Assistant Professors
S. Ahmad
D.J. Beaudin
S.F. Bedwell
T. Benstead
G. Bloomberg
D.M. Bowie
B.J. Cookey
P.A. Crofts
G.C.B. Elder (major appointment in Recreation, Phys. and Health Ed.)
P.L. Emenau
M. Gardner
M. Glyner (major appointment in Pathology)
C.A. Gordon
M. Gorelick
W.E. Greenlaw
D. Haase
J.H. Haldane
J.G. Hanly
O.A. Hayne
M. Henderson
D. Hirsch
D. Hogan
V. Ing
K.K. Jindal
B.L. Johnston
D. King
J. Klotz
C. Koilpillai
O. Koller
L. Lalonde
R.G. Macdonald
P.A. MacGregor
N. Macintosh
A.R. Macnell
D.A. Malatjalian (major appointment in Pathology)
O.E. Mann
J.M. Marsh
C.E. Maxner
J.J. McKiggan
D. McMahon
R.T. Michael
R.A.W. Miller
A.H. Murray
P. Nance
J.J. Patil
R.D. Prokopetz
R.A. Purdy
J.R. Rae
R. Rajaraman
M. Reardon
R.S. Rittmaster
K.C. Rodger
K. Sample
M.J. Scott
I. Szuler
G.K. Turnbull
E.P. Walter

Lecturers
P. Bailey
R. Bessoudo
D. Bewick
J.B. Bewick
M.J. Burnell
A.W. Cockeram
M.T. Dalton (major appointment in Pathology)
G.H. Farboody
L.A. Finlayson
A. Foyle (major appointment in Pathology)
E. Grant
F. Guy
E.R. Harrelon
P.C. Joshi
B. Knight
T.D. Loane
R. Lodge
N. MacDonald
R.K. Mahar
D. Marr
A.D. McDougall
J.C. Pond (major appointment in Pathology)

P.H. Reid
K.S. Robinson
B.L. Sheridan (major appointment in Pathology)
W. Sheridan
D. Simpson
T.A. Vandenberg
J.C. Wallace
R. Wierzbicki
E. Zayed (major appointment in Pathology)

Instructors
H.C. Ruperalia
J. Smith

Academic Programs

The Department of Medicine is located in six hospitals, the Dalhousie Clinical Research Centre and the Sir Charles Tupper Medical Building. The Department's clinical teaching units are located in Camp Hill Hospital (93 active and 150 extended care beds), the Halifax Infirmary (85 beds), the Nova Scotia Rehabilitation Center (52 beds), the Saint John Regional Hospital, New Brunswick (75 beds), the Victoria General Hospital (254 beds). The Canadian Forces Hospital participates in third year and postgraduate residency training and the Prince Edward Island Hospital, Charlottetown and the Dr. Everett Chalmers Hospital, Fredericton, in the internship. The Department's Research laboratories are associated with its teaching units and are also in the Dalhousie Clinical Research Centre and the Sir Charles Tupper Medical Building.

Academic Courses

First Year Medicine

1. Introduction to interviewing, pathophysiology and clinical skills: The Department provides a bedside teaching course to first-year students, one morning (3 hours) per week for most of the academic year. Several introductory sessions are concerned with the approach to and interviewing of patients. Members of the Departments of Family Practice and Psychiatry participate in this component. Subsequently, the course is concerned with the application of physiological principles to patient problems and general clinical skills. Students work in small groups.

2. System course teaching: Through its divisions of Dermatology, Neurology, Respirology, Endocrinology, Cardiology, Gastroenterology, Hematology-Oncology, Infectious Disease, Nephrology, Rheumatology, Immunology, Physical Medicine and Rehabilitation, the Department participates in the corresponding interdisciplinary course teaching program and basic science-clinical correlative teaching sessions.

3. Electives: The Department offers student electives in several areas.

Second-Year Medicine

1. Clinical skills medicine: The Department provides this bedside teaching course one morning a week (3 hours) throughout the academic year. Students learn clinical skills and the pathophysiology of symptoms and signs working in groups of four, by examining patients in the clinical teaching units of Camp Hill Hospital, the Halifax Infirmary, the Nova Scotia Rehabilitation Center and the Victoria General Hospital. This course is ordinarily taught through an approach both to general medicine and systems. Recommended texts: Harvey, The Principles and Practice of Medicine; Bates, A Guide to Physical Examination.

2. System course teaching: This program is a continuation to that given in first year.

3. Electives: The Department offers elective opportunities in its fields of interest.

Third-Year Medicine

1. Junior clerkship medicine: The Department offers an 8 week experience for all third year medical students. This course runs throughout the academic year and permits the student the opportunity of assessing and reviewing with their assigned preceptor two new cases per week. The Department's Clinical Teaching Units at the Canadian Forces Base Hospital, Camp Hill Hospital, Nova Scotia Rehabilitation Centre, Halifax Infirmary, and the Victoria General Hospital are involved in this program. Each week students are assigned and expected to work-up two patients for presentation to their assigned preceptor. The emphasis on the program is the compilation of an appropriate data base using an integrated history and physical examination. This information is then used by the student to construct a medical record. The student is expected to do appropriate background reading to formulate a diagnostic and therapeutic plan for solving the patient's difficulties. The data base and problem formulation are reviewed by the assigned preceptor. An attempt is made to relate the underlying pathophysiology with the clinical presentation. An introduction to the utilization of laboratory investigations. In addition to the patient contact exposure, the Department also runs a didactic series for the students during their rotation. The basic textbook recommended for the course is: The Principles and Practice of Medicine by Harvey et al. This text may be supplemented by reading more detailed textbooks such as Harrison's Principles of Internal Medicine and Beeson and MacDermott's Textbook of Medicine.

2. System course teaching: The program is a continuation of that in the first and second year.

3. Electives: The Department offers elective opportunities in its fields of interest.

Fourth-Year Medicine

1. Clinical clerkship medicine: The Department offers a full-time eight-week course consisting of four weeks of Core General Medicine and a four week Selective experience in one of the subspecialty areas of Internal Medicine. The Clerkship experience is available in Camp Hill Hospital, Halifax Infirmary, the Nova Scotia Rehabilitation Centre and the Victoria General Hospital. In addition, each clerk is required to complete two projects in Geriatrics and Rehabilitation Medicine. The course includes comprehensive patient assessment, clinical problem solving, clinical management and therapeutics. The clinical clerk becomes a member of the treatment team, has defined and increasing responsibilities for patient care. The clerk's clinical notes become part of the hospital record. The clerk writes investigation and management orders under supervision.

Teaching is incorporated in the clinician's bedside assessment of patients which occurs daily. There are daily specialty conferences and seminars which are of interest to clinical clerks. *Recommended texts: Harrison, Principles of Internal Medicine; Harvey et al., The Principles and Practice of Medicine; Beeson and MacDermott, Textbook of Medicine; Davidson, Principles and Practice of Medicine.* Students must use the medical literature frequently in their patient assessment and management.

2. Clinical clerkship electives: These are available on a full-time basis, similar to the regular clinical clerkship program and are ordinarily for 4 weeks, although longer elective periods can be arranged. In addition to general clerkships as above, a number of specialty clerkships are available in Dermatology, Neurology, Respirology, Cardiology, Gastroenterology, Hematology-Oncology, Endocrinology, Nephrology, Rheumatology, Physical Medicine and Rehabilitation, and Geriatrics.

Students have responsibilities in the inpatient clinical teaching unit and in ambulatory care.

Internship

The Department provides a straight medical internship in Medicine, participates in the rotating internship and in the straight internship in Family Medicine.

1. Straight internship in Medicine: This is a full-time course that continues for one year. The year is divided into blocks of time, usually 4 to 8 weeks, of general and specialty medicine. Teaching is incorporated into patient assessment sessions with clinical staff and in conferences and seminars held daily. The year is ordinarily integrated into the next year of postgraduate training (RII) since it is acceptable by the Royal College as a year of approved training. Prerequisites for admission include an MD from an approved medical school, Provincial Medical Board of Nova Scotia temporary licensure and previous academic performance satisfactory for this course.

2. Rotating Internship: This is an eight-week rotation of general medicine emphasizing comprehensive clinical evaluation, application of clinical and pathophysiological principles, management and therapeutics. Teaching is incorporated into patient assessment sessions held daily and daily seminars and clinical conferences.

Recommended texts: *Harvey et al, The Principles and Practice of Medicine; Harrison, Principles of Internal Medicine; Davidson, Principles and Practice of Medicine; Beeson and MacDermott, Textbook of Medicine.* In addition, post-graduate students must use original medical literature in patient assessment and management.

3. Internship electives: Elective opportunities exist in General Medicine, Geriatrics and the following medical specialties -Neurology, Respirology, Endocrinology, Cardiology, Gastroenterology, Hematology-Oncology, Physical Medicine and Rehabilitation, Rheumatology, Nephrology and Medical Intensive Care, Coronary Care Unit.

Residency Training

The Department provides an approved full general Internal Medicine training program and fully approved specialty training in Neurology, Cardiology, Dermatology, Gastroenterology, Hematology, Physical Medicine and Rehabilitation, Rheumatology, Endocrinology and Geriatrics.

1. General Internal Medicine: This is an integrated four-year program using the clinical facilities of the teaching hospitals: Camp Hill, Canadian Forces Hospital, the Halifax Infirmary, the Victoria General Hospital, Nova Scotia Rehabilitation Centre and the St. John Regional Hospital (New Brunswick). The first two years are considered core clinical years of which straight internship in Medicine may be one. One of the third or fourth years is as a senior resident, the other is normally an elective. Rotations are available in General Medicine, Neurology, Dermatology, Respirology, Cardiology, Clinical Pharmacology, Endocrinology, Gastroenterology, Infectious Disease, Nephrology, Geriatrics, Physical Medicine and Rehabilitation, Rheumatology, and Hematology-Oncology. Trainees normally complete a rotation in each of these during their course.

2. Neurology: This is an approved four-year program based at the Victoria General Hospital.

3. Cardiology: This is an approved program based in the Victoria General Hospital with rotations to the Izaak Walton Killam Hospital for Children.

4. Dermatology: This four year approved program based in the Victoria General Hospital is associated with the Dermatology program of the University of Ottawa. Two years of Clinical Dermatology are in the Dalhousie program, the third year in the Ottawa program.

5. Gastroenterology: This is an approved program based in the Victoria General Hospital and Halifax Infirmary with elective rotations in Pathology and Radiology or to the Izaak Walton Killam Hospital for Children and Camp Hill Hospital.

6. Hematology: This is an approved program based at the Victoria General Hospital with rotations to the Izaak Walton Killam Hospital for Children and the Hematology Laboratories.

7. Physical Medicine and Rehabilitation: This is an approved four-year program based in the Nova Scotia Rehabilitation Centre, with rotations available in appropriate medical and surgical disciplines.

8. Rheumatology: This is an approved program based in the Victoria General Hospital.

9. Endocrinology: This is an approved two-year program based at the Halifax Infirmary Hospital.

10. Geriatrics: This is an approved two-year program based in Camp Hill Hospital.

11. Infectious Diseases: This is an approved two-year program based at the Victoria General Hospital.

Microbiology

Professor Emeritus
C.E. vanRooyen

Professor and Head of Department
K.B. Easterbrook

Professors
J.A. Embil
G.C. Johnston
L.S. Kind
S.H.S. Lee
D.E. Mahony
E.S. McFarlane
K.R. Rozee
D.B. Stoltz
C. Stuttard

Associate Professors
R.I. Carr (major appointment in Medicine)
T. Ghose (major appointment in Pathology)
E.V. Haldane
R. Rajaraman (joint appointment in Medicine)

Assistant Professors
G.S. Bezanson
R.A. Bortolussi (joint appointment in Pediatrics)
M.T. Dalton
S.A. Halperin (joint appointment in Pediatrics)
A.C. Issekutz (joint appointment in Pediatrics)
T.B. Issekutz (major appointment in Pediatrics)
T.J. Marrie (joint appointment in Medicine)
W.F. Schlech (major appointment in Medicine)
A.J. Wort

Lecturers
G. Faulkner
T.J.M. Haldane
A.J. MacLeod (major appointment in Medicine)

Second Year Medicine

Immunology: A class dealing with the basic theories of immunology and the immune system.

Microbiology (Infection Course): This class provides an introduction to basic microbiology and a survey of the medically significant bacteria, viruses, fungi and parasites. Topics specifically related to the diagnosis of infectious diseases are covered through lecture and tutorial sessions.

Third Year

A continuation of the Infection Course dealing with clinical microbiology and presented in lectures and tutorial sessions within the junior clerkship program.

Residency Training

An integrated University residency training program is available in the Department, consisting of a four-year program in Medical Microbiology meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating hospitals are the Victoria General Hospital and the Izaak Walton Killam Hospital for Children.

Classes for Dental Students

Second Year Immunology: as described for second year medicine.

Second Year Microbiology: This class, which commences in the first trimester of Second Year and continues to Christmas, covers the general principles of medical bacteriology, virology, mycology, parasitology and immunology. Students share the first few lectures and laboratory periods on Basic Microbiology with the Medical class, after which they continue in a separate course of Oral Microbiology.

Classes for Arts and Science Students

The Department of Microbiology provides a wide range of classes, listed below dealing with various aspects of microbiology. Students should consult the Calendar of the Faculty of Arts and Science for a full description of these classes.

Microbiology 2100A/B: Introductory Microbiology.

Microbiology 3033A: Microbial Genetics.

Microbiology 3114A: Introduction to Virology.

Microbiology 3115A: Introduction to Immunology.

Microbiology 3118B: Medical Bacteriology.

Microbiology 4022A/B: Microbial Ultrastructure Project.

Microbiology 4024A: Microscopy.

Microbiology 4026A: The Mammalian Cell

Microbiology 4027B: The Cancer Cell

Microbiology 4033B: Advanced Microbial Genetics.

Microbiology 4114B: Topics in Basic and Medical Virology.

Microbiology 4115B: Immunology.

Microbiology 4301A/B: Advanced Immunology I.

Microbiology 4302A/B: Advanced Immunology II.

Graduate Studies

The MSc program covers one to two years and comprises courses in microbiology and/or allied disciplines and research work resulting in a written thesis.

The PhD program is from two to five years duration. It involves course work as for the MSc plus research of a high calibre culminating in a thesis.

Students should consult the calendar of the Faculty of Graduate Studies for a full description of these programs.

Classes for Health Professions Students

Microbiology 1100A: This class is designed for the needs of nurses and other health professions and deals with the major groups of microbial pathogens as well as theories of immunity, infectious disease prevention and community health.

Microbiology 3020: This class is best described as General Microbiology and presents the subject broadly in a basic fashion; given throughout the year to second-year pharmacy students and other interested students on request.

Research Facilities

The Department is housed in the Sir Charles Tupper Medical Building, in the nearby Victoria General Hospital and in the Izaak Walton Killam Hospital for Children. Research in both basic and clinical microbiology and related disciplines is carried out in laboratories at these locations.

Neurosurgery

Professor Emeritus
W.D. Stevenson

Head and Program Director
R.O. Holness

Assistant Professors
W.J. Howes
R.A. Langille

Professor
W.S. Huestis

Third-Year Medicine

Neurosurgery participates in third year teaching in conjunction with neurology and neuropathology, over a six week period, in a Neurosciences Course Teaching Program for third year students with a coordinated approach to all aspects of neurological disease.

Students also rotate as clinical clerks, on the Neurosurgical Service, on a weekly basis. During this period, students have an opportunity to become an integral part of the Neurosurgical Unit and obtain a broad exposure to clinical neurosurgery, or alternatively may elect to pursue in more detail some particular aspect of neurosurgery under staff supervision.

Internship

For those who have selected Neurosurgery as a part of their rotation, the intern program is planned to provide a broad exposure to the specialty, with particular emphasis on dealing with trauma and neurosurgical emergencies.

Residency Training

An integrated University residency training program is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada and the American Board of Neurological Surgery.

One year of general surgical training is a prerequisite. The course provides for a year of basic science training in the neurological sciences, at least six months of pediatric neurosurgery and 24 months of adult clinical neurosurgery with progressive responsibility. A full educational program in allied neurological science fields is a part of this program. Participating hospitals are the Victoria General Hospital and the Izaak Walton Killam Hospital for Children.

Obstetrics and Gynecology

Professor Emeritus
W.R.C. Tupper

Professor and Head of Department
L.J. Peddle

Professors
T.F. Baskett
R.C. Fraser
E.R. Luther
S.C. Robinson
M.G. Tompkins
W. Wrixon

Associate Professors
A.C. Allen (Major appointment in Pediatrics)
B.St.J. Brown (Major appointment in Radiology)
L.M. Higgins
R.H. Lea
Y.M. Ling
W. Moger (Major appointment in Physiology and Biophysics)
M.R. Oulton
I.A. Perlin
E. Rees (Major appointment in Pediatrics)
D.L. Stinson (Major appointment in Pediatrics)
R.D. Webster
W.D.R. Writer (Major appointment in Anaesthesia)

Assistant Professors
T.P. Corkum
J.R. Evans (major appointment in Pediatrics)
N.N. Iea
D.W. Johnston
J. Jeffrey
R.M. Liston
R. Loebenberg
C.A. Maley

C. Nwaesei (Major appointment in Pediatrics)
E. Pereira
K.E. Scott (Major appointment in Pediatrics)
D.F. Smith
E. Winsor (Major appointment in Pediatrics)
M. Wilkinson (Major appointment in Physiology/Biophysics)
D. Young

Lecturers
F.W. Ahman
E.M. Andrade
K. Cox (Major appointment in Pediatrics)
H.L. Lord
D.A. Mitton
R. Popat
L.J. Stirk
M. Vincer (Major appointment in Pediatrics)
J.B. Wenning
A. Zilbert

Clinical Instructors

H. Akoury	H.G. Good
R. Andrews	J.S. Henry
I. Balcomb	L. King
C.F. Brennan	M.B. Kingston
G. Brodie	D.A. Knickle
R. Caddick	P. Landau
G.B. Christie	J. MacKay
S. Connors	N.K. MacLennan
J. Crumley	T. Moore
D.W. Cudmore	D.S. Morgan
A. Gardner	R. Saxon

The objectives of the Department are to make available a basic core of knowledge in Obstetrics and Gynecology, and, at the same time, provide sufficient opportunity for self-education.

The objectives indicate the minimum of knowledge, skills and behaviour patterns the student must attain prior to entering an internship/practice. These objectives must not be considered as all embracing, for knowledge is not static, and priority listing is dependent on many variables. The procurement of knowledge and skills defined in the objectives rests primarily on the shoulders of the medical student. The Department provides lectures, audio-visual aids, discussion groups, suggested reading material and allows the student to be actively involved in patient assessment and care.

Second-Year Medicine

In the second year the core material of the course is presented in various ways, depending on the material and teacher involved. Lectures in the Reproductive System course will guide the student in the study of the normal physiology of the female, changes that occur in pregnancy, and various diagnostic procedures.

Third-Year Medicine

In the third year the aim is to present problems involving many factors in gynecology and obstetrics, in further lectures and group discussions.

Texts: From time to time outside reading on specific topics will be recommended, but in order to be sure that the student has covered the core material, the following book is recommended: *Obstetrics & Gynecology*, J. Robert Willson and Elsie Reid Carrington. For those students who wish good reference books — *Williams' Obstetrics (17th ed.)* and Kistner's *Principles and Practice of Gynecology*.

Fourth-Year Medicine

In the clinical clerkship, the student spends most of his time in the hospital, dealing with patients. The clerkship includes four weeks at the Grace Maternity Hospital (Obstetrics) and two weeks either at the Infirmary or the Victoria General Hospital (Gynecology). The clerk works as part of the medical team of clerk, intern, resident and staffman, and is given graduated responsibility in the care of patients. It is planned that there will be short tutorial periods where informal discussions are held. He attends most of the Outpatients Clinics, where he actively participates in the care of the patient.

Electives

All members of the Department are prepared to assist a limited number of students in electives of their choosing. It is preferred that the student initiate the type of elective he wishes but suggestions are made.

Internship

This is provided at the Grace Maternity Hospital, the Victoria General Hospital and the Halifax Infirmary in Halifax, St. Rita Hospital in Sydney, St. Martha's Hospital in Antigonish, the Saint John Regional Hospital in Saint John, N.B., Moncton Hospital, Dr. G. Everett Chalmers Hospital at Fredericton, Queen Elizabeth Hospital in Charlottetown and Prince County Hospital in Summerside.

Resident Training

An integrated University residency training program is available in the Department consisting of a four-year program meeting the requirements of The Royal College of Physicians and Surgeons of Canada. The participating hospitals are the Victoria General Hospital, Grace Maternity Hospital, Halifax Infirmary in Halifax and Saint John Regional Hospital, in Saint John, N.B.

A formal academic program with pathology seminars, grand rounds, basic science seminars and journal clubs, functions throughout the academic year.

Ophthalmology

Professor Emeritus
D.M. MacRae

Professor and Head of Department
R.P. LeBlanc

Professor
D.M. Regan

Associate Professors
C.F. Keays
J.H. Quigley
M.S. Ramsey

Assistant Professors
A.E. Hoskin Mott
G.R. LaRoche
D.B. O'Brien
E.V. Rafuse
R.M. Read

Lecturers

D. Andrews	J.R. MacNeill
V.P. Audain	C. Maxner
W. Beaton	R.B. Pretty
L. Dayal-Gosine	R.M. Read
M. Humayun	G.A. Sapp
D. Keating	

Third-Year Medicine

Junior Clerks spend 2 weeks rotating through the Department attending general and special clinics. They are exposed to the diagnosis and management of emergency ophthalmological problems. Time is spent at the I.W.K. reviewing pediatric ophthalmology as well as viewing audio visual material, attending rounds and observing surgery.

Text: Adler, *Textbook of Ophthalmology*; Vaughan, Cook & Asbury, *General Ophthalmology*.

Clinical clerks also spend two weeks rotating through the Department attending general and special clinics. They are exposed to the diagnosis and management of emergency ophthalmological problems. Some time is spent reviewing audio visual material, attending rounds and observing surgery.

Text: *Ophthalmology and Study Guide*, American Academy of Ophthalmology and Otolaryngology, Inc.; *General Ophthalmology*, Vaughan, Cook and Asbury.

Internship
A 4-week experience is offered as an elective to rotating interns.

Residency Training
An integrated University residency training program is available in the Department, consisting of a four-year progam meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating hospitals include the prime base at the Halifax Infirmary and the Izaak Walton Killam Hospital for Children and rotations to the Victoria General Hospital and Camp Hill Hospital.

Other Classes
Six lectures and clinics are provided for the Outpost Nursing students.

Otolaryngology
Professor Emeritus
J.S. Hammerling

Professor and Head of Department
E.L. Attia

Professor
G.M. Novotny

Associate Professors
G.T. Mencher (Audiology)
F.S.H. Wong

Assistant Professors
C.C. Cron
J.D. Donaldson
G.F. Martin
R.S. Murphy
M.S.C. Sekaran
M.N. Wali
K.E. Walling

Lecturer
V.D. Ketene

First-Year Medicine
Topics for study electives are provided by the Department and the students guided in their program.

Residents in Otolaryngology participate in the Head and Neck part of Gross Anatomy and demonstrations as staff requirements permit.

Second-Year Medicine
Otolaryngology input is included in the Neurosciences course.

Third-Year Medicine
Instruction is given on diagnosis, treatment and pathology of diseases of the ear, nose and throat; including examination of the head and neck arranged in the clinics of the Victoria General Hospital, Camp Hill Hospital, Halifax Infirmary and the Izaak Walton Killam Hospital for Children.

Recommended texts: DeWeese and Saunders, *Textbook of Otolaryngology*; Adams, Boies and Paparella, *Boies' Fundamentals of Otolaryngology*; Hall and Colman, *Diseases of the Nose, Throat and Ear*; Stanley N. Farb, *Otolaryngology — Medical Outline Series*; V.J. Dayal, *Clinical Otolaryngology*.

A two-week rotation is also provided through the Department for all students during which a full, supervised involvement is encouraged in patient diagnosis and management. Audio-visual programs supplement the instructions and seminars. A learning examination is arranged.

Internship
A 4-week experience is offered as an elective to rotating interns.

Residency Training
An integrated University residency training program is available in the Department, consisting of a four-year rotation meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating hospitals are the Victoria General Hospital, Izaak Walton Killam Hospital for Children, Camp Hill Hospital and the Halifax Infirmary.

Continuing Medical Education
Clinical traineeships are arranged for practicing physicians through the Division of Continuing Medical Education. The staff also participates in the Community Hospital CME Programs and the Annual Dalhousie Refresher Course.

Pathology
Professor and Head of Department
M.A. MacAulay

Professors
J.H. Cooper
B. Favara (cross appointment in Pediatrics)
T. Ghose
D.T. Janigan
G. Rowden (cross appointment, Associate Professor, Medicine)
K. Rozee (cross appointment in Microbiology)
I. Zayid

Associate Professors
H. Blair (Major appointment in Biochemistry)
A.D. Fraser
M.L. Givner (cross appointment, Assistant Professor, Department of Medicine)
S. Heifetz
J.S. MacKay
D.A. Malatjalian (cross appointment, Assistant Professor, Department of Medicine)
J.C. Pond
V.E. Sangalang
B.L. Sheridan
A. Trillo

Assistant Professors
R. Ahmad
D.R. Barnard (cross appointment in Pediatrics)
S. Boudreau
D. Cole (major appointment in Pediatrics)
C.L. Cousins
A.A. Covert
K.C. Dooley
L.C. Dymond
A. Foyle
R. Gupta
S.U. Khaliq
A.G. Lacson
S.J. Luner
R.F. McCurdy
L.L. McIntyre (cross appointment in Community Health)
M. Moss
R.D. Prokoptez (cross appointment in Medicine)
M.S. Ramsey (major appointment in Ophthalmology)
S.J. Whiting (cross appointment at Mount Saint Vincent University)
A.J. Wort
E. Zayed

Lecturers
K.W. Alexander
V. Bowes
A. Bernardo

C. Galliani
I. Miknail
D.M. Murphy
N.N. Sarkar
H.T. Tran

Instructor
S. Robertson

Demonstrator
J. Cadeau

Fellow
N. Walsh

First-Year Medicine (General Pathology)

This is a course of 59 hours. It deals with the selective and co-ordinated responses of cells, tissues and organs to injurious stimuli, with particular emphasis on the role of such responses in the pathogenesis of diseases. The subject areas covered by this program are cell and intercytial injury, the inflammatory response, neoplasia, pathology of cell membranes, ageing and environment. Most of the instruction is by lectures. Learning resources, including slide programs, are made available. There are laboratory sessions which deal with selected structural changes in injured cells and tissues.

Texts: Robbins and Cotran, *Pathologic Basis of Disease*. Recommended as a general text which can be used for the pathology courses in the second and third-year medicine programs. Texts for supplemental reading are: Florey, *General Pathology;* La Via and Hill, *Principles of Pathobiology;* Movat, *Inflammation, Immunity and Hypersensitivity;* Walters and Israel, *General Pathology.*

Second and Third-Year Medicine (Special Pathology)

Instruction includes lectures and tutorials. The special pathology of the organ systems of the body is taught mainly in the second year within the framework of the pattern of interdisciplinary courses that has been adopted by Faculty. The emphasis in this pattern of teaching is on presenting special pathology to the student in such a way as to facilitate his learning the subject in correlation with appropriate clinical and laboratory manifestations. Clinical Chemistry forms part of the system course teaching in the third year, emphasizing the selection, interpretation and correlation in the laboratory study of disease.

Texts: Robbins and Cotran, *Pathologic Basis of Disease*. Recommended texts for supplemental reading: Wright and Symmers, *Systematic Pathology;* Anderson, *Pathology;* Canterow and Trumper, *Clinical Biochemistry;* Kark et al, *A Primer of Urinalysis;* Gray, *Clinical Pathology.*

Electives

A program is available, by arrangement, for a limited number of students who wish to extend their learning in pathology beyond what is presented in the core program of lectures and laboratories.

Open Conferences

Available to students are a number of Departmental Conferences in the Dr. D.J. MacKenzie Laboratories. These are held weekly throughout the year and are: surgical pathology, gross autopsy pathology; liver, kidney, pulmonary, ear-nose-throat, cytological nervous system, eye, gynecologic pathology rounds, lecture courses in pathobiology, clinical medical biochemistry. Schedules are available from the Departmental Secretary.

Residency Training

An integrated University residency training program is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada in Anatomical Pathology, General Pathology, Hematologic Pathology and Medical Biochemistry. Participating hospitals are the Halifax Infirmary, the Izaak Walton Killam Hospital for Children, Victoria General Hospital, Camp Hill Hospital and the Saint John Regional Hospital in Saint John, New Brunswick.

Classes for Dentistry Students

First Year: As described above for First-Year Medicine.

Second Year: A systematic survey of human disease is given with special emphasis on material directly relevant to the practice of Dentistry. The course is described in detail in the Calendar of the Faculty of Dentistry.

Graduate Studies

Graduate programs are described in the Calendar of the Faculty of Graduate Studies.

Pediatrics

Professor and Head of Department
N. Kenny

Professors
M.M. Cohen Jr. (major appointment in Dentistry)
J.F.S. Crocker
B.E. Favara (major appointment in Pathology)
D.A. Gillis (major appointment in Surgery)
R.B. Goldbloom
D.L. Roy
M.W. Spence
J.P. Welch

Associate Professors
A.C. Allen
J.P. Anderson
P. Bagnell
T.F. Baskett (major appointment in Obstetrics)
R.A. Bortolussi
C. Camfield
P.R. Camfield
D.E.C. Cole
H.W. Cook
J.M. Crosby
J.A. Embil (major appointment in Microbiology)
J.P. Finley
C.T. Gillespie
R.S. Grant
B.D. Grover
Doris L.B. Hirsch (major appointment in Psychiatry)
D. Human
A.C. Issekutz
E.R. Luther (major appointment in Obstetrics)
R.G. Macdonald
B.S. Morton
M.A. Nanton
H. Orlik (major appointment in Psychiatry)
A.F. Pysemany
E.P. Rees
S. Salisbury
K.E. Scott
M. Ste-Marie
D.A. Stinson

Assistant Professors
D.R. Barnard
K. Bloom (major appointment in Psychology)
D.M. Byers
Y. David
J.M. Dooley
J. Evans
J.G. Gatien
J. Gibson
S. Halperin
A. Hawkins
D. Hughes
T. Issekutz

S. Keet
G.R. LaRoche (major appointment in Ophthalmology)
R.M. Liston (major appointment in Obstetrics)
L.K. McNeill
C.G. Nwaesei
M.R. Ogborn
J.B. Ross (major appointment in Medicine)
R.D. Schwarz (major appointment in Medicine)
A. Stokes (major appointment in Psychiatry)
E.J.T. Winsor
D.M. Young (major appointment in Obstetrics)

Lecturers
J. Byrne
M.E. Churchill
T.P. Corkum (major appointment in Obstetrics)
K.S. Cox
J.R. Duncan
S. Ewing
D.N. Garey
M. Giacomantonio (major appointment in Surgery)
A. Larson
H. LePage (major appointment in Psychiatry)
T.D. Loane (major appointment in Physical Medicine)
D. Meek
E. Paraskevopoulos
E.D. Ross
S.E. Shea
S.S.C. Siauw
P.M. Sigsworth
D. Smith
D.J. Smith
R.I. Smith
C.M. Soder (major appointment in Anaesthesia)
D. Stephen
M. Vincer
J. Weckman
P. Wren
M. Yhap

Clinical Fellows
C. Forsythe
C.A. Ryan

First Year Medicine

First-year core pediatric material on growth and development is included in a comprehensive block on human development. This block presents an overview of the continuum of human growth and development from conception to death.

A lecture program in human growth and development covers the following topics: intrauterine growth, pregnancy and delivery, measurement, nutrition, child development and behavior, family child interaction and adolesence.

To provide clinical correlations for the didactic program, a special well-baby course has been organized. First-year students, working in pairs, are assigned a newborn infant early in the year. Following discharge of mother and infant, the students visit the home at monthly intervals. They record the infant's growth in height and weight on standard growth graphs. They observe the progressive physical and behavioural development of the infant in its natural home environment and conduct standardized tests of behavioural development, recording the results. In addition, they observe parent-child interaction and the effect of the newborn on the family. A nurse and a member of the Department are available for assistance and guidance at all times.

Suggested Reference Text Books: Nelson, *Textbook of Pediatrics;* Lowrey, *Growth and Development of Children;* American Academy of Pediatrics, *Standards of Child Health Care;* American Medical Association, *Growing Pains;* Simons and Pardes, *Understanding Human Behavior in Health and Illness.*

Second-Year Medicine

The program is devoted principally to the acquisition of the basic skills of physical examination of infants and children. This program is carried out in wards of the Izaak Walton Killam Hospital for Children. Students also attend the neonatal nurseries of the Grace Maternity Hospital to develop experience and understanding of medical problems of the newborn infant.

Regular home visits to the infants whose early growth and development they observed during the first year are optional in the Second-Year schedule. The students are provided with a detailed immunization, health and social record to maintain on the family. The Department also contributes to each of the system blocks during the year.

Third-Year Medicine

Students spend one month at the Izaak Walton Killam Hospital as part of their Junior Clerkship. Students have an opportunity to work-up and follow in-hospital patients. Supervised sessions by teaching clinicians are designed to refine their history taking and physical examination skills and to emphasize diagnostic, therapeutic and preventative aspects of common medical problems in children. They attend weekly seminars in infectious diseases, respiratory diseases, nephrology and neonatology. Students are required to discuss and complete a series of learning modules with terminal objectives on common pediatric problems.

Suggested Text Book: Ziai, *Bedside Pediatrics.*

Fourth-Year Medicine

Students attend for eight weeks at the Izaak Walton Killam Hospital for Children as part of their clinical clerkship rotation, working on the inpatient and outpatient services as well as in the neonatal nurseries of the affiliated teaching unit at the Grace Maternity Hospital. During this period the clinical clerks are members of the active ward and out-patient treatment teams, and gain considerable experience in history taking, physical examination, diagnosis and treatment of childhood disease. Ample opportunity is afforded to acquire basic skills which are necessary to the practice of pediatric medicine.

A series of small group teaching sessions emphasizing therapeutic aspects of pediatrics is held during the clerkship period, conducted by members of the Department. Clerks are also encouraged to attend the various weekly clinical case conferences held in the hospital. Evaluation sessions are held during and at the conclusion of the clerkship rotation by the clerkship clinical instructors.

Optional Text Books: Silver, Kempe, Bruyn, Fulginiti, *Handbook of Pediatrics.*

Electives

The Department of Pediatrics offers elective programs for interested students in all years of the basic medical curriculum. Arrangements for these electives may be made through the Department early in each academic year. Arrangements for elective programs in the fourth or clerkship year, including ones at other medical schools, should be made by the students during the spring trimester of their third year.

Rotating Internship

Dalhousie rotating internships and straight internships in family medicine include an 8-week rotation in pediatrics. These pediatric rotations may include experiences at any of the following participating hospitals: the Izaak Walton Killam Hospital for Children, Grace Maternity Hospital, Saint John Regional Hospital, Dr. G. Everett Chalmers Hospital, Fredericton, New Brunswick, and St. Rita Hospital, Sydney. They are designed for students planning to enter general practice by extending further the clerkship experience with responsibility for direct patient care.

Straight Internship

Straight internships in pediatrics are offered annually to a maximum of four trainees. They are designed for students who have made a firm decision to specialize in general pediatrics or its subspecialties. The straight internship is recognized by the Royal College of Physicians and Surgeons of Canada and by the American Board of Pediatrics as the equivalent of one year of pediatric residency training. Most straight interns plan to spend a minimum

of two or three years in the pediatric program at Dalhousie. In addition to the ward and out patient responsibilities at the Izaak Walton Killam Hospital for Children, each straight intern rotates through the obstetrical service at the Grace Maternity Hospital and through pediatric surgery (in-patient and out-patient) at the IWK Hospital. As the straight intern develops increasing clinical competence, more responsibility for supervising clinical clerks and rotating interns is expected during the year. All applications for straight internship are handled through the Office of the Dean, Faculty of Medicine, Dalhousie University.

Residency Training

The Department of Pediatrics at Dalhousie University offers a four-year postgraduate training program in pediatrics. Successful completion of this residency renders the trainee eligible for the specialty examinations in pediatrics offered by the Royal College of Physicians and Surgeons of Canada, and by the American Board of Pediatrics.

The program is based primarily at the Izaak Walton Killam Hospital for Children, a 250 bed teaching hospital and pediatric research center in Halifax, Nova Scotia. This institution serves as the tertiary care pediatric referral center for the three Maritime provinces of Canada, Nova Scotia, New Brunswick, and Prince Edward Island. In addition, it serves as a community pediatric hospital for the cities of Halifax and Dartmouth. The population of the metropolitan area is approximately 260,000. The referral base in the Maritime provinces is approximately 1.5 million.

Residents also rotate to the Grace Maternity Hospital in Halifax and to the Saint John Regional Hospital in Saint John, New Brunswick. The Grace Maternity Hospital is located directly across the street from the "IWK." Among its 5,000 obstetrical deliveries per year are included all deliveries in the metropolitan area, as well as high risk referrals from all of Nova Scotia. An active Regional Reproductive Care Program encourages antenatal referrals of all high risk pregnancies. Three well-baby nurseries and an extremely busy neonatal intensive care unit provide a broad range of neonatal exposure for residents. Pediatric residents also attend all high risk deliveries.

The Saint John Regional Hospital is a new facility which has a pediatric unit affiliated with Dalhousie University. It provides secondary and some tertiary care for children from a large area of New Brunswick. Saint John is a city of 105,000. Accommodation is provided for residents who are on rotation in Saint John.

The program in pediatrics is designed to provide a well rounded experience, covering all "core" areas, but also providing time for specialization in areas of individual interest. The first three years of training cover the core requirements established by the Royal College of Physicians and Surgeons of Canada. Specific rotations will include the Emergency Department, Ambulatory Clinics, In-patient general Pediatric wards, Newborn Intensive Care Units, Pediatric Intensive Care Unit, Pediatric Surgery, Child Psychiatry, Behavioural and Developmental Pediatrics, and many of the Pediatric subspecialty services. The fourth year of the program can usually be individually designed to meet the specific training needs and interests of the resident.

There is ample time for electives, which may be spent pursuing a clinical specialty, or engaging in a research project. Many of the faculty members are actively involved in research, and resident participation is encouraged.

The training program provides "graded responsibility" to housestaff according to the level of seniority and expertise. In general, all housestaff will be on call one night in four. Each resident is permitted four weeks paid vacation per year.

The Faculty of the Department of Pediatrics has grown rapidly over the past few years. In Halifax there are 41 full-time members of the Department, and 15 part-time faculty members. Most of the latter group are general pediatricians practicing in the community. In addition, a further 19 individuals from the Departments of Dentistry, Dermatology, Surgery, Psychiatry, Gynecology and Psychology have cross appointments with the Department of Pediatrics. In Saint John, New Brunswick, our faculty comprises 4 full-time and 5 part-time members. The full-time faculty have sub- specialty expertise in the following areas: biochemical genetics, cytogenetics, respirology, gastroenterology, endocrinology, nephrology, neurology, cardiology, intensive care, neonatology, hematology-oncology, infectious disease, immunology, allergy, rheumatology, developmental pediatrics and child psychiatry.

Resident Evaluation

All pediatric postgraduate trainees, including straight interns, must take the annual in-training examination of the American Board of Pediatrics. This examination, the cost of which is partially subsidized by the Department, provides valuable feedback concerning areas of strength or weakness in clinical knowledge. It also helps the Department to assess its own deficiencies or weaknesses. After each clinical rotation, an in-training evaluation report is completed and is reviewed with the trainee. The trainees are interviewed twice annually to review evaluations and general progress. The clinical skills of the resident staff are assessed regularly by means of oral and clinical examinations.

Rounds and Conferences

At the Izaak Walton Killam Hospital for Children, regularly scheduled conferences include weekly grand rounds, admission rounds, radiology rounds and many subspecialty conferences. In addition, a core curriculum of pediatric resident seminars has been designed. Each seminar focuses on a specific pediatric topic, and is co-presented by a resident and a faculty member. A weekly schedule of pediatric conferences and teaching sessions exists at both the Grace Maternity Hospital and the Saint John Regional Hospital. All residents are subsidized to attend one approved national or international scientific meeting per year.

Continuing Medical Education

Members of the Department of Pediatrics participate in the activities of the Division of Continuing Medical Education, offering annual short courses in selected topics of pediatric interests, preceptorships for periods of two to four weeks, and special training programs tailored to individual needs of physicians interested in their own continuing education. In addition, Departmental teachers attend clinical teaching conferences at various hospitals throughout the Maritime Provinces.

Pharmacology

Professor Emeritus
J.G. Aldous

The Carnegie and Rockefeller Professor and Head of Department
K.W. Renton

Professors
J.W. Downie
G.R. Ferrier
A.K. Reynolds (Post-retirement)
H.A. Robertson
M.M. Vohra
T.D. White

Associate Professors
J. Gray (major appointment in Medicine)
M. Karmazyn
G.M. McKenzie
B.L. Pope
J. Sawynok

Assistant Professor
M.G. Murphy

The objectives of the study of pharmacology are: (a) to comprehend major pharmacological principles underlying the therapeutic and toxic actions of all drugs, (b) to learn specific pharmacology of important classes of drugs affecting each body system, their major adverse effects and drug interactions, (c) to develop a framework for the practice of therapeutics on a sound rational basis including the special problems related to the use of drugs in the aged or the paediatric population.

Second-Year Medicine

The basic principles of pharmacology as they apply to the major organ systems are presented. These principles are reinforced with a more detailed consideration of the major classes of drugs, with special reference to the mechanism of their action. The core pharmacology course is team-taught

through a series of lectures and small group sessions. Contributions to the gastrointestinal course are designed to emphasize the application of pharmacological principles to the management of clinical problems.

The Clerkship Years
The Department takes part in the formal teaching of therapeutics to the Year III clinical clerks. This is under the aegis of the Therapeutics Teaching Block. The department actively participates in the Basic Science Clinical Correlation teaching to Year IV clinical clerks.

Electives
Opportunities for elective work in pharmacology are open to students. Laboratory (research) experience should include work during the summer months as paid summer research assistants.

Continuing Medical Education
The Department participates in this program either in planning or through presentation of lectures given at various centres in the Maritime Provinces.

Residency Training
The Department provides formal and informal sessions for residents to fulfill basic science requirements in specialty training. With approval, training in various research laboratories of the department can be arranged for residents to enhance their research skills.

Classes for Dental Students
A separate course for second-year dental students is given throughout the two semesters. It is designed to emphasize those drugs most commonly employed by dentists. However, other drugs are also discussed, especially in connection with medical problems their patients may have which are not associated with their dental problems. Drug interactions and allergic reactions are stressed. Students in the dental hygiene program receive a course of lectures designated D2003R.

Classes for Arts and Science Students
An introductory class is offered as a credit in the Honours BSc (Biology and Biochemistry) programs under the designation Biology 4401, Biochemistry 4801.

Graduate Studies
Advanced work leading to the MSc and PhD degrees is offered to both science and medical graduates. The Calendar of the Faculty of Graduate Studies should be consulted.

Classes for Health Professions Students
Students registered in Third Year of the College of Pharmacy receive instruction in systematic pharmacology designated as Pharmacology 3470. Students in the Occupational Therapy program receive a course of lectures designated 4400A.

Physiology and Biophysics

Professors Emeritus
B. Issekutz
E. MacLeod
C.B. Weld

The Carnegie and Rockefeller Professor and Head of Department
T.F. McDonald

Professors
J.A. Armour
J.D. Hatcher (major appointment in Research and Technology Transfer)
B.M. Horacek
M. Horackova
G.A. Klassen (major appointment in Medicine)
W.H. Moger
P.M. Rautaharju
R. Rosen
J.C. Szerb
M. Wilkinson
H. Wolf
A.Y.K. Wong

Associate Professors
A. Corvin
J.D. Dudar
J.G. Holland
W. Ling (major appointment in Department of Obstetrics and Gynecology)
D.D. Rasmusson

Assistant Professors
A. Bonen (major appointment in School of Physical Education)
R.E. Brown (major appointment in Psychology)
J.O. Bustamante
M. Dickie
A.M. Fine
D. Hirsch (major appointment in Department of Medicine)
D. Johnstone (major appointment in Department of Medicine)
A. Kholopov
S. Martin (major appointment in Department of Biology at Mount Saint Vincent University)
T.J. Montague (major appointment in Department of Medicine)
N. Morgunov
M.R. Oulton (major appointment in Department of Obstetrics and Gyhecology)
R. Rittmaster (major appointment in Department of Medicine)
S. Stroink (major appointment in Department of Physics)

Lecturer
D. Fay (major appointment TUNS)
S.P. Handa (major appointment in Saint John Regional Hospital)
N.V. Swindale (major appointment in Psychology)
A.M. Taylor (major appointment in Animal Care)

Instructor
C. Couture

The basic aims of the Department in all its undergraduate medical teaching are:

(1) to help the student toward mastery of the functional principles which underlie the working of the different organ systems of the human body.

(2) to encourage the student to develop an orderly and critical approach to the evaluation of experimental results, and to conflicting interpretations of data in the rapidly advancing field of physiology

(3) to prepare the student for the future application of his physiological knowledge to the practise of scientific medicine by exposure to different kinds of problem-solving activities.

Since the adoption of the subject-block teaching system at Dalhousie, there has been no course in the curriculum that deals entirely with physiology as such. Instead, the Department provides a major input into a number of the systems-blocks. The block system is currently under review and may be abandoned in favor of department-based teaching.

First-Year Medicine
Physiology teaching continues throughout the year with major emphasis on the following:

Cardiovascular Course: Emphasizes the experimental basis of modern concepts of CV function. Special attention is given to the electrical and mechanical behaviour of the heart, and the control of the peripheral circulation. Whenever possible examples of common clinical conditions are used to illustrate the practical use of physiological insight.

Respiratory Course: This course has a set of very precisely defined objectives dealing with current concepts of respiratory control, the physics and mechanics of ventilation, diffusion of gases, transport of respiratory gases in the blood, and respiratory control of blood pH. Five sessions are devoted to physiological diagnosis of respiratory disorders.

Gastrointestinal Course: Small group discussions; problem based learning approach to physiology of digestion and absorption in the G.I. tract.

Renal Course: The essential elements of renal, fluid and electrolyte physiology are presented in 18 hours of lectures. Selected topics in membrane transport are also covered.

In addition, other sessions throughout the year deal with such topics as the physiology of cell membranes and the origin of bioelectric signals in the excitable tissues nerve and muscle, the molecular mechanisms of force generation and shortening in muscle fibres, and the principles of operation of systems using feedback-homeostatic mechanisms.

Second-Year Medicine

Among the systems covered for the first time in second-year medicine, the Department contributes a major portion to the Neurosciences course in the first term. As well as lectures, the course includes small group tutorials, clinical demonstrations and laboratory demonstrations.

Other areas with major input from the Department of Physiology are the *Endocrine* and *Reproductive* blocks.

In addition, the Department continues its instruction of Physiology in systems that have been covered previously in the first year. These are the gastrointestinal, respiratory, cardiovascular and renal systems.

Third-Year Medicine

The basic science content of teaching during the new third year clerkship is being monitored by a departmental representative on UMEC.

Electives

The Department offers two types of elective programs to limited numbers of medical students. (1) small research projects under the direction of staff members, and (2) investigations in some depth of published work on a topic of the student's choice, utilizing the resources of the Kellogg Health Sciences Library.

Texts: Useful reference works include the six monographs on physiology in the *Medical Yearbook Series*, and the *Handbook of Physiology* (American Physiological Society). Recommended text for second year Neurophysiology is *Principles of Neural Science* by Kandel and Schwartz, Elsevier, 2nd. ed.1985.

Classes for Dental Students

First Year: A course in human physiology consisting of three lectures per week and tutorials (Biology 4403).

Classes for Arts and Science Students

Biology 4403 (see para. above).

Graduate Studies

The Department offers suitably qualified students an opportunity to study for the degrees of Master of Science and Doctor of Philosophy. Advanced graduate seminars and lecture courses are given in cardiovascular and respiratory physiology, endocrinology, neurophysiology and related topics. The biophysics program ranges from the investigation of the basic mechanical and electrical processes of the heart to the practical aspects of the on-line computer analysis of electrocardiograms and epidemiological studies. Control of biological systems and general systems analysis are presented as unifying principles. In cooperation with the Departments of Mathematics and Biology an MSc in biomathematics is offered as an alternative to the MSc and PhD in biophysics. A complete description of these programs is in the Calendar of the Faculty of Graduate Studies.

Classes for Health Professions and Dentistry (Dental Hygiene) Students

Instruction consists of two lectures per week, selected laboratory exercises and demonstrations.

Physiology 101R: (Section of Medical Science 100). Classes for students in Schools of Nursing, Dental Hygiene.

Physiology 102C: (Section of Medical Science 100). Classes for students in Schools of Physical Education, Health Education.

Physiology 201R: For students in School of Pharmacy.

Physiology 203R: For students in Schools of Physiotherapy and Occupational Therapy.

Neurophysiology 311B: For students in Schools of Physiotherapy and Occupational Therapy.

Exercise Physiology (Physiotherapy) 312A: For students in Schools of Physiotherapy and Occupational Therapy.

Psychiatry

Professor Emeritus
J.F. Nicholson

Professor and Head of Department
A. Munro

Professor and Deputy Head
S. Hirsch

Professors
B.K. Doane
P. Flynn
D. Hirsch
A.H. Leighton
A. Richman
W. McCormick

Associate Professors
B.S. Clark
C.J. David
J.D. McLean
J.M. Murphy
J.B. O'Regan
H. Orlik
H. Poulos
P. Reynolds
E.M. Rosenberg
A.M. Shane
A. Stokes

Assistant Professors
S.H. Akhtar
W. Birnie
L.M. Buffett
J. Connolly
I.A.A. De Coutere
I.A. Kapkin
L. Kovacs
A. Kubacki
A.W. Kushner
H. LePage
D.D. MacDonald

Lecturers
C.M. Abbott
N.P. Allison
K.V. Covert
J. Curtis
B.A. Doan
D. Eastwood
P. Forsythe
E.O.B. Freeman
G. Gordon
R. Howard
O. John
W. Junek
B. Kessler
W.G. MacDonald
D.F. Maynes
M. Michalon
J.V. O'Brien
J. Palacios-Bolx
K. Quirk
E.A. Smith
M. Teehan
D. Whitby
R.V. Worling
N. Wouiff

Instructors
S. Brooks
M.G. Cussen
G. Gray
A. Hipwell
P.K. Malaviaracichi
M.S. Muthu
P. Pearce
S. Russell
W.J. Sneigrove
B. Spears
F. Todd
M. Tomlinson

The objectives of undergraduate teaching in the Department of Psychiatry are: to underline the significance of psychological factors in normal human development and in illness, to enable the student to recognize psychiatric disorders, and to treat these disorders within his competence or else refer the patient for psychiatric investigation and management.

Texts: Gregory, I., Smeltzer, D.J., *Psychiatry — Essentials of Clinical Practice;* Barker, P., *Basic Child Psychiatry.*

First-Year Medicine — Human Behaviour

The program in first year is integrated into a Human Development Course. The psychiatric component of Human Development consists of:

1. Patient Contact — groups of 7-8 students have experience in patient contact ½ day per week for three weeks, during which the student interviews patients under the supervision of a staff psychiatrist.
2. A course of eleven lectures on life stages in which important features of human development from infancy to old age are presented.

Second-Year Medicine — Clinical Psychiatry

Case material in clinical psychiatry is started this year with lectures utilizing clinical material — actual patients, audiovisual presentations, etc. In addition, students in groups of four have a course in patient contact ½ day a week for five weeks, during which psychiatric patients are interviewed under supervision.

Fourth-Year Medicine — Clinical Clerkship

The student spends an eight-week period in the Department of Psychiatry and during this time has an opportunity to examine and to some extent participate in the treatment of patients on the inpatient wards of general hospitals, or the Nova Scotia Hospital, as well as the Izaak Walton Killam Hospital for Children Outpatient Clinic and the Atlantic Child Guidance Centre. The student is involved in treatment responsibility for suitable patients, under supervision. Intensive seminar series on important psychiatric conditions is carried out during this eight-week period.

Electives

Electives are offered in all four years, varying from a few patients assigned for individual psychotherapy, to research projects for the student.

Internship

The majority of Dalhousie interns spend four weeks of their rotating internship on a psychiatric service. During this time they are involved in a teaching program and take an active part in the treatment of patients in the hospitals in Halifax or Saint John as well as the Nova Scotia Hospital.

Residency Training

An integrated University residency training program is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating units and hospitals are Atlantic Child Guidance Centre, Camp Hill Hospital, Centracare Saint John Inc., Halifax Infirmary, the Izaak Walton Killam Hospital for Children, Nova Scotia Hospital, Saint John Regional Hospital and the Victoria General Hospital.

Each postgraduate student spends at least two years in the central university program which is designed primarily in terms of the student's educational needs. The other two years are spent in one or the other of a variety of psychiatric or related clinical, research, or other special settings in the Atlantic Provinces or elsewhere. During this time, he is still a registered postgraduate student in the Department of Psychiatry and the Department assumes responsibility for an adequate standard of training.

Continuing Medical Education

The Department offers refresher courses (in collaboration with the Division of Continuing Medical Education) for general practitioners and specialists. General practitioners may come for a clinical traineeship in the Department of Psychiatry, and the Department takes part in the general courses offered by the Division of Continuing Medical Education.

Diagnostic Radiology

Professor and Head of Department
D.B. Fraser

Professors
B. St. J. Brown
G.E. Davis
E.B. Grantmyre
J.S. Manchester

Associate Professors
J. Aldrich
J.A. Aquino
C.L. Belcourt
D.R. Campbell
B.K. Flemming
L.A. Fried
J.R. Jackson
R.H. James
A.J. Johnson
G.P. LeBrun
G.E. Lund
A.D. MacKeen
C.L. MacMillan
W.F. Mason
J. Rees
L.J. Stevenson

Assistant Professors
J. Andrew
J. Brander
B.D. Byrne
J.S. Caines
W.N. Covert
G.R.M. Jones
I.M. MacLeod
R.H. Martin
R.M. Miller
J.D. Moir
M.P. Shannon
A.J. Shaw
M. Woolnough
D.E. Yeadon

Lecturers
T. Anderson
M. Barry
W.F. Barton
G. Butler
C. Daniels
R. Dobson
R. Flinn
D. Gordon
H.F. Ho
S. Jackson
G. Llewellyn
C.D. Lo
J.H. MacGregor
M.B. Macken
W.J. Maloney
G. Mitton
J.H. Oxner
B. Pass
D. Thompson

First, Second and Third-Year Medicine

Lectures and demonstrations are given in the various system course with emphasis on radiological anatomy, physiology and pathology. The student becomes familiar with the many diagnostic imaging modalities (x-ray, ultrasound, computerized tomography, magnetic resonance, and nuclear medicine) and with interventional radiology such as needle biopsy, angioplasty, percutaneous tubal drainage, and vascular embolization. Electives available for second and third year.

Fourth-Year Medicine

All fourth year students now have a compulsory rotation of one week through diagnostic imaging. The emphasis is placed on the investigation of patient problems, using various imaging modalities, interventional diagnostic and therapeutic radiology. There is an integrated program of clinical clerkship with the other teaching hospitals. One month electives are also available for fourth year.

Texts: Appleton, Hamilton, Simon, *Surface and Radiological Anatomy.*

In fourth-year, the following books are suggested reading. Squire, *Fundamentals of Roentgenology*, Meschan, *Synopsis of Roentgen Signs*, and Armstrong *X-Ray Diagnosis.*

Internship

One month electives available for September to June inclusive.

Residency Training

An integrated University residency training program is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada in Diagnostic Radiology. Participating hospitals include Camp Hill Hospital, Halifax Infirmary, Izaak Walton Killam Hospital for Children, the Victoria General Hospital, and Saint John Regional Hospital.

Fellowship Training

Clinical fellowships are available in Cardiovascular, Gastrointestinal, Neuroradiology, and General Imaging.

Radiation Oncology

Professor and Head of Department
D.H. Thomson

Associate Professors
J.W. Aldrich
J.C. Carson
R.M. Cunningham
J.F. Filbee
G.D. Smith

Assistant Professor
J.W. Andrew
R.E. MacCormick
T.A. Vandenberg
R. Wierzbicki
O.S. Wong

Lecturers
M. Burnell
N.E. Grant
D.M.A. Jones
S. Kumar
J.C. Wallace

Second-Year Medicine

Three lectures on Radiation Oncology are given.

Third and Fourth-Year Medicine

Members of the department continue to participate in the Oncology course for the curriculum. A large volume of clinical material is available for teaching purposes, both in and out, and an inpatient basis. Students attend many of the multidisciplinary clinics in conjunction with other departments.

Electives

In third and fourth-year electives are available on the request of the student.

Internship

Radiation Oncology is offered as an elective. A four week period is spent in the Cancer Treatment and Research Foundation of Nova Scotia, Halifax Clinic and the Victoria General Hospital. The duties and assignments allow an overview of the management of all forms of malignancy.

Residency Training

At the present time the four year program leading to Fellowship of the Royal College of Physicians and Surgeons of Canada is in abeyance. Lectures and seminars are given to residents in other specialties in preparation for the Fellowship examination.

Surgery

Professor Emeritus
G.W. Bethune

Professor and Head of Department
B. Perey

Professors
H. Bitter-Suermann
D.A. Gillis
G. Konok
A.S. MacDonald
D.A. Murphy
S.T. Norvell
R.H. Yabsley

Associate Professors
A.J. Bodurtha
A.J. Buhr
M.T. Casey
C.E. Kinley
R.W. Landymore
H. Lau
A.C. MacDonald
A.E. Marble
W.D. Miller
J.A. Myrden
W.S. Parkhill
D.P. Petrie
J.F. Ross
W.D. Stanish
B.J. Steele
D.V. Willoughby
C.K. You

Assistant Professors
D. Alexander
C.R.B. Auld
D.C.G. Bethune
G.W. Bate
D.C.S. Brown
C. Bugden
M. Burnstein
C. Del Campo
F.G. Dolan
M. Erdogan
C.H. Graham
M. Gross
W. Henderson
R.B. Higgins
J.C. Hyndman
M.O. Iype
J.L. Leahey
H. Lau
J. Marshall
J.D. Miller
D.E. Morris
J. Paletz
G. Reardon
T.M.F. Roberts
P.D. Roy
H.M. Simms
G.E. Stiles
J.A. Sullivan
J.O. Sundin
B. Vair

Lecturers
J.D. Amirault
A.N. Boulos
G.R. Burns
L.W. Caines
J.P. Curry
R.E. Englund
M. Giacomantonio
G. Sparkes
W.J. Stephen
S. Stepkowski
K.L. Wilson

Instructor
D. Lalonde

The Department provides basic instruction in those diseases which fall within the field of surgery. Opportunities are provided to students so that they may become familiar with patients having surgical diseases, their diagnosis, investigation, and treatment. Students may pursue elective or research studies if they so desire.

First-Year Medicine

The Department participates with other departments, in correlation sessions.

Second-Year Medicine

The Department participates in the various courses of the curriculum providing instruction in certain surgical conditions. An introductory course in patient contact is given consisting of six sessions. These are meant to complement the other patient contact sessions in the first and second year medicine. Also this provides an introduction to the methods used in the third year surgical patient contact. Instruction is provided in basic history taking and physical examination of patients with surgical diseases.

Third-Year Medicine

Students are assigned to the Department for a period of four weeks in Third Year. Their time is divided between patient contact sessions, afternoon seminar sessions, and ward work on a surgical teaching unit. Members of the Department are involved directly teaching the small group patient contact sessions and the seminars. In addition, each member of the Department acts as a preceptor for a single student for eight weeks of the year. The students begin their exposure to longitudinal patient care. They also have a chance to develop manual skills which are necessary in dealing with patients in the senior clerkship and internship.

Fourth-Year Medicine

Students are assigned to the Department for a period of eight weeks. They are placed in two surgical teaching units for a period of four weeks each. They become an integral part of the surgical team caring for patients with surgical diseases. The principles of surgery should be reviewed and applied to the patient opportunities presented. Limited patient responsibility under supervision is experienced at this time. The complete spectrum from history, physical findings, investigation and management is covered. This is a further step in the preparation for a surgical rotation at the intern level.

Electives

In the Third and Fourth Years these periods are decided upon by discussion between the student concerned and the Head of the Department and may involve a specific program of clinical research, activities in the emergency

department, reviews of a specific type of disease treated in the teaching units of the teaching hospitals, or other projects as suggested by the students concerned.

Internship

Internships are provided by the Department through their various teaching unit services in affiliated hospitals. For the rotating intern two rotations of four weeks each is provided. The intern becomes an integral member of the surgical team. Experience is gained with patients having trauma, infections, tumors and critical illnesses. An in-depth appreciation of illness and the responsibility for continuity of care is stressed. Anatomy, pathology, biochemistry, and physiology are correlated with the diagnosis and management of surgical diseases. Opportunities are provided for students wishing to take on elective rotation in any of the surgical disciplines.

Residency Training

An Integrated University Residency Training Program, in the disciplines of General Surgery, Orthopedic Surgery, Cardiovascular and Thoracic Surgery, and Plastic Surgery is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada. Participating hospitals include the Victoria General Hospital, the Halifax Infirmary, the Izaak Walton Killam Hospital for Children, Camp Hill Hospital, Canadian Forces Hospital, Saint John Regional Hospital, and St. Joseph's Hospital, Saint John, New Brunswick.

The general surgical program is designed to train either community or academic type surgeons. The first two years are spent in general surgical and subspecialty rotations such as orthopedics, neurosurgery, plastic surgery, gynecology, basic science, research, etc. The final two core years are spent within the Department.

The Division of Orthopaedic Surgery conducts a four-year program. During the first year, residents rotate through such specialties as Plastic Surgery, Neurosurgery, ICU, and Cardiovascular Surgery.

Elective rotations are available during this period of time. The three core years of Orthopaedic Surgery are designed for the resident to gain experience in Adult, Paediatric and Traumatic Orthopaedic Surgery. Residents are encouraged to carry out a post training year as a Fellow at this or another centre.

The division of Plastic Surgery is similar in that the first two years are spent in general surgical rotations with particular reference to those subspecialties that are appropriate to plastic surgery.The two core years of Plastic Surgery are designed for the resident to gain experience in adult and paediatric traumatic and reconstructive surgery.

The division of Cardiovascular and Thoracic Surgery offers an approved training course leading to certification as a specialist in Cardiovascular and Thoracic Surgery.

A formal academic program, in each specialty, with pathological seminars, grand rounds, basic science seminars, journal clubs, weekly writing of questions, etc., functions throughout the year. Residents attend at least two medical meetings during their training outside of Halifax.

Continuing Medical Education

The Department sends its members to various centres throughout the Maritime provinces at the request of the Division, for meetings, conferences, etc. This is an important function in that it is now realized that continuing medical education is essential for the continuing competence of the graduate doctor.

Texts: Christopher, *Textbook of Surgery*; Way, *Current Surgical Diagnosis & Treatment*, Adams, *Outline of Orthopedics*, Adams, *Outline of Fractures*.

Urology

Professor Emeritus
C.L. Gosse

Professor and Head of Department
S.A. Awad

Professors
P. Belitsky
F.G. Mack

Associate Professors
R.B. Auld
A.E. Cheeley
J.W. Downie (major appointment in Pharmacology)
W.A. Ernst
S.G. Lannon
O.H. Millard
R.D. Schwarz

Adjunct Professor
K.J. MacKinnon

Assistant Professors
J.B. Gajewski
R.W. Norman
H.A. Sullivan
H.D. Tewari

Lecturers
P.G. Wentzell
S.H. Yoon

First and Second-Year Renal-Urology Training

Renal-Urology teaching is an integrated program from first year through the clinical clerkship. Supervision and teaching is multi-disciplinary and includes members of the basic sciences and clinical departments. The structure and function of the normal urinary tract is taught during first-year medicine. The application of normal physiology and anatomy to clinical practice is introduced. During second year, the emphasis shifts to the disease processes, the effect these have on normal kidney and urinary tract function and their clinical presentation. Emphasis is also directed toward the approach to investigation and treatment. The student is thus prepared for his clinical clerkship.

Fourth-Year (Clinical Clerkship)

Objectives of the clerkship are 1) to develop clinical familiarity with common urological diseases and 2) to gain experience in the evaluation and management of patients who have multiple medical problems in association with their urological disease. The student spends a block of three weeks beginning in 19808 (two weeks in 1986/87) in the Department of Urology either at the Victoria General Hospital or the Halifax Infirmary. The student evaluates a high volume of patients both in hospital and in the outpatient department and is responsible for formulating the patient problem(s), making a diagnosis and planning management. Formal teaching sessions include the grand rounds and small group seminars as well as the general urology clinics, tumor clinic and other special clinics. Electives are available for further in-depth study.

Reference Texts: *Lecture Notes on Urology*, John Blandy —*Blackwell Scientific 1977. General Urology*, Donald R. Smith; *Lange Series*.

Internship

Urology is offered as an elective. The four-week period can be spent at the Victoria General Hospital, the Halifax Infirmary or the Saint John Regional Hospital. The duties and assignments have been designed specifically to prepare the intern for general practice.

Residency Training

An Integrated University residency training program is available in the Department, consisting of a four-year program meeting the requirements of the Royal College of Physicians and Surgeons of Canada and the American Board of Urology. A wide exposure to a variety of surgical procedures is provided. Participating hospitals include the Victoria General Hospital, Halifax Infirmary, the Izaak Walton Killam Hospital for Children, Camp Hill Hospital and the Saint John Regional Hospital. A research year can also be arranged.

Division of Continuing Medical Education

Director and Assistant Dean
R.W. Putnam

Assistant Directors
M. Fleming
K. Mann (joint appointment, Dean's Office)
I.E. Purkis (major appointment in Anaesthesia)

Administrator
Michael Walsh

Continuing Medical Education programs have been presented by the Faculty since 1922 with the introduction of the annual Dalhousie Refresher Course. Most members of Faculty participate in the activities of the Division. Subject material is predominantly clinically oriented, to be of practical value to the practicing physician, and ranges from research to applied therapeutics. Teachers and learners actively participate in the planning, performance and evaluation of each program. A regular series of programs, some lasting one half day to two days, are held in forty Maritime community hospitals. An increasing number of "short courses,' lasting from 1 ½ to 3 days, are held in Halifax for family doctors and specialists. Particular emphasis is placed on the development of clinical traineeships, which are specifically individualized learning experiences of two weeks or longer duration. The Friday at Four program is designed by the Division of Continuing Medical Education on behalf of the Faculty of Medicine to free a block of time for joint faculty and student continuing education. This program consists of a two to three day departmental involvement and Scientific Basis of Medicine Lecture by a visitor of national or international renown, presentations by the Dalhousie Research groups and student-sponsored activities. The Friday at Four series enables the students to witness faculty engaging in continuing medical education activities and to participate with them.

Consultative services in Continuing Medical Education are available to medical organizations. The division coordinates the educational program for Advanced Cardiac Life Support training and the Scientific Assembly of the College of Family Physicians in the Maritimes. Research in medical education about effective teaching/learning methods, program planning and evaluation is actively pursued. Particular emphasis is being placed on developing methods that encourage individual physicians to take an active part in designing, conducting and evaluating their own continuing education.

Audio-Visual Division

Director
D.A. Gibson

The Audio-Visual Division, situated in the basement of the Sir Charles Tupper Medical Building, provides audio-visual services to the clinical and pre-clinical departments of the Faculty of Medicine. The Division prepares slides, diagrams, and television productions to be used in the classrooms; and as self-learning resources, available to students in the Kellogg Health Sciences Library and in certain departments.

The Division supports the research activities of the Faculty by preparing diagrams, illustrations and printed materials for publication, scientific poster display and for grant applications. Slides and video programs are made for presentation at scientific meetings. Photographic and television facilities are available to faculty, staff and students. Advice is offered on technical questions and on the use of media.

The Division is responsible for the maintenance of the audio-visual systems and equipment in the Tupper Building and the surrounding Carlton campus buildings. The television and teleconferencing services are used by the whole University.

Scholarships, Prizes and Financial Aid

Entrance Scholarships and Bursaries

A number of scholarships and bursaries are offered to students on admission who satisfy the following conditions:

1. They must be *bona fide* residents of one of the three Maritime Provinces.

2. They must have completed the academic and other admission requirements or be engaged in work which will complete these requirements at the end of the academic year.

3. While selection depends primarily upon scholastic ability, the Admission Committee may go beyond this in making bursary awards.

4. They must file their application on a form provided by the Faculty of Medicine, part of which is to be completed and signed by the Dean of the Faculty they are attending, or of the Faculty from which a degree has already been received by the applicant. A completed bursary information form is a required part of any application.

5. Applications will be received up to June 1, addressed to the Dean of Medicine.

6. The awards are made as soon as possible, subject to the acceptance of the applicant by the University for admission to the first year of the medical course in the year of award and his registration as a student at the regular date in September.

James A. Wardrope Entrance Scholarship: This scholarship, is the income of an endowment given by the late Dr. M.J. Wardrope in memory of his son. The scholarship is to be awarded to a student of high standing entering first year Medicine at Dalhousie University. (Applications are made under the same regulations as for University Entrance Scholarships above, deleting the first paragraph.)

Etta and Frederick Ross Memorial Bursary: A fund has been established by Dr. James F. Ross in memory of his parents, the income of which is to be used to enable a deserving student to attend the Faculty of Medicine of Dalhousie University.

The Dr. A. Gaum Bursary: This bursary, in memory of Dr. A. Gaum of Sydney, Cape Breton is to be awarded to an entering medical student who has demonstrated financial need, with preference to be given to residents of Cape Breton.

Medals and Prizes

Dr. C.B. Stewart Gold Medal in Medicine: Awarded annually, on graduation, to the student standing highest in the regular medical course who has reached the high standard set by the Faculty for that purpose.

MD with Distinction: Awarded to students who have, on graduation, reached a high standard set by the Faculty for that purpose.

Dr. Clara Olding Prize: This prize, the interest of an endowment, given by the late Dr. A.M. Hebb, of Dartmouth, as a memorial to his wife, is awarded annually to the student making the highest aggregate in the examinations of fourth year, character and previous scholarship being taken into consideration.

Dr. John F. Black Prize: This prize, from the income of a bequest by the late Dr. John B. Black, a former Professor of Surgery, is awarded at the completion of the fourth year to the student who reaches the highest standing in Surgery.

Andrew James Cowie, MD, Memorial Medal: This medal, founded by the late Miss Florence J. Cowie in memory of her father, is awarded each year to the member of the fourth year class having the highest standing in Obstetrics, provided his standing in other subjects is sufficiently high to justify an award.

The Dr. J. Donald Hatcher Award: Through funds donated in honour of Dr. J. Donald Hatcher on his retirement as Dean of the Faculty of Medicine, an endowment fund has been established to finance an annual award to the final year undergraduate medical student, who at graduation is considered to have carried out the most meritorious and significant research project during the undergraduate program including summer electives.

Dr. Richard B. Goldbloom Award in Paediatrics: The award consisting of a medal and a cheque for $300 is to be given annually to the graduating medical student "who shows the most outstanding combination and balance of scientific medical knowledge, clinical skill and sensitivity to the social and emotional needs of children and their families."

Dr. J.C. Wickwire Medal: This award, established by Dr. J.C. Wickwire is to be awarded to the graduating student who has displayed high competence in Patient Contact over the four year course.

Dr. A.F. Miller Prize: A prize presented by the late Dr. A.F. Miller of Kentville, will be awarded to a student in medicine who submits as part of his elective the best written review in the field of respirology. If in the judgement of faculty no review of sufficient merit is submitted in this field, the prize may be awarded for review in an alternate area.

Department of Surgery Essay Prize: A prize is awarded at the end of fourth year for the best essay written on a subject related to surgery. A number of suggested topics are made known to the students in fourth year.

Poulenc Prize: A prize, the interest on an endowment given by Poulenc Limited, will be awarded to the student standing highest in the final examination in Psychiatry in the fourth year.

Dr. Robert C. Dickson Prize: A prize is awarded to the student at the completion of fourth year who has had the highest standing in all examinations in Medicine in Second, Third, and Fourth Years.

Dr. John W. Merritt Prize: A prize presented by Mrs. Merritt in memory of her husband, Dr. John W. Merritt, Associate Professor of Surgery. This prize is offered to the student standing highest in Surgery throughout the four years in medicine.

The Dr. R.O. Jones Prize in Psychiatry: This prize, in memory of Dr. R.O. Jones is to be awarded to the new graduate who has achieved the highest grade in Psychiatry for the four years in medical school.

Dr. Frederick S. Goodine Scholarship: A scholarship established by the Carleton Memorial Hospital, Woodstock, N.B. in the amount of $500, is to be awarded annually to a fourth year medical student from New Brunswick, who has shown outstanding interest or proficiency in family medicine during the clerkship year.

The Arthritis Society Prize: The Nova Scotia Division of the Canadian Arthritis Society offers an annual prize of $250 to a third year student for the best essay on a subject dealing with disorders of the locomotor system.

Dr. Gordon B. Wiswell Prize: An annual prize presented by the Department of Pediatrics in memory of Dr. Gordon B. Wiswell, Professor of Pediatrics from 1942-1959. The prize is to be awarded to the Fourth Year student showing the greatest distinction in pediatric studies.

Doctor W.H. Hattie Prize in Medicine: A prize initiated anonymously by the late Dr. Hattie when he was Assistant Dean, and perpetuated in his

memory by Dr. Carl K. Pearlman of California, who was a recipient of the award in 1937, will be awarded at the completion of fourth year to the student who reaches the highest standing in Medicine.

Dr. Frank G. Mack Prize in Urology: An annual prize presented in memory of the late Frank G. Mack, professor of Urology (1922-1950). The prize is to be awarded by the Department of Urology to the fourth year student showing excellence in Urology.

General Electric X-Ray Corporation Prize: An annual award to a fourth year student who has taken an elective in Radiology and who, following submission of a short paper summarizing this elective experience, is judged by that Department most suitable to receive the award on the basis of evaluation while in the elective program.

Doctor Lawrence Max Green Memorial Award: This award to be presented to the student who, during his clerkship in obstetrics and gynecology, has best displayed the characteristics of compassion and clinical competence. Selection of this student is the responsibility of the Department of Obstetrics and Gynecology.

Dr. Morris Jacobson Memorial Prize: This prize is to be presented to an undergraduate medical student who has an interest in Family Medicine and has achieved scholastic standing in this field.

Burke Fullerton Award: An award provided by the Nova Scotia Chapter of CFPC to the student who shows the greatest promise in Family Medicine in fourth year.

University Prizes: A total of $2300 will be awarded in prizes in each of the first, second, and third years of the regular medical course. The prizes will be based on academic standing in the final examinations. In each year they may vary in number from four to seven and in amounts from $100 to as high as $1000.

Charles E. Frost Scholarship: The award of $500, contributed by Charles E. Frost and Company of Montreal, is awarded annually at the completion of the third year to a student entering the fourth year who has shown general proficiency throughout the course.

Dr. Joan Crosby Scholarship: A scholarship of $2,000 has been established by a group of parents in honour of Dr. Joan Crosby for her exceptional dedication to the care of children. It is awarded to two deserving medical students in the third year of study.

Dr. James S. Hammerling Prize in Otolaryngology: A prize to honour Dr. James S. Hammerling on his 80th birthday to be awarded to the student who has attained the highest standing in the otolaryngology clerkship.

The Dr. Harry Poulos Prize: This prize is to be awarded to the second year student in the Faculty of Medicine who has the highest standing in Psychiatry.

J. Randolph Murchison Memorial Scholarship: A scholarship donated in memory of the late J. Randolph Murchison of Prince Edward Island to be given to a needy medical student from Prince Edward Island.

The Doctor Walter Templeman Scholarship or Bursary: The income from this endowment is to be awarded to a needy medical student.

Harold Barnett Scholarship: A scholarship will be awarded annually to the student who has attained the highest standing in Respiratory Physiology.

Dr. Mabel J. Goudge Prize: The prize established by the late Dr. Mabel J. Goudge is to be awarded to the top female medical student in each of the four years.

Bristol Laboratories Prize: Bristol Laboratories of Canada has made available to a third year student an annual prize for the purchase of books with value of $125. Both need and academic performance are to be considered in the award. The fields of therapy and pharmacology are to be covered in the selection of the books.

Department of Surgery Prize: A prize is awarded to the student in the third year with the highest standing in the final examination in Surgery.

Dr. Carl K. Pearlman Prize in Urology: An annual award of approximately $100.00 to the student in the Fourth Year judged by the Department of Urology as having the greatest aptitude and interest in Urology.

Dr. Kenneth Hall Memorial Psychiatry Prize: The prize, in memory of Dr. Kenneth Hall is to be awarded to a student in third year with the highest mark in psychiatry.

Merck, Sharp and Dohme Scholarships: A scholarship of $500 awarded annually to a third year medical student who has shown outstanding achievement in the subject area of therapeutics.

Canadian Foundation for Ileitis and Colitis Award: An award, presented by the Canadian Foundation for Ileitis and Colitis, to the student in third year with the highest standing in the field of gastroenterology.

C.V. Mosby Company Prizes: The C.V. Mosby Company offers three prizes of books to be awarded annually to students with highest standing in the final examinations of the second and third years.

Morris and Sarah Gold Award: This award of approximately $500 is to be presented to an undergraduate medical student who most distinguishes himself in the field of medical literature.

Dr. J.V. Graham Prize: A prize, the income of a bequest by the late Dr. J.V. Graham, will be awarded to a student at the end of the second year who has attained the highest aggregate in the first and second year Anatomy course.

Professor John Cameron Prize in Anatomy: This prize is the interest on an endowment given by the late Dr. John Cameron, former Professor of Anatomy. It is awarded to the student who makes the highest marks in Anatomy.

Roberta Bond Nichols Memorial Prize: This prize, in the form of a book voucher, represents the interest in a fund initiated by the Nova Scotia Branch of the Federation of Medical Women of Canada as a memorial to Dr. Roberta Bond Nichols, and is awarded annually to the woman medical student having the highest standing in Anatomy.

CIBA Collection Award: A set of five volumes of the Netter Medical Illustrations, the annual gift of the CIBA Company Limited, is awarded to the student who has the second highest standing in Anatomy.

Upjohn Company Award: An award in the amount of $300 presented by Upjohn Company of Canada, to be presented to the student in Second Year Medicine who has attained the highest standing in Infectious Diseases.

Lange Book Awards: Lange Medical Publications offers book awards to two students with high standing in each of the upperclasses in Medicine.

Ishiyaku Book Prize: A book prize for the amount of $75. will be awarded to a first year medical student for the purchase of books.

Dalhousie Medical Students' Society Prize: Four prizes of books are awarded annually to students of the second, and fourth years in Medicine on application to the Dalhousie Medical Students' Society; financial need, academic standing, and activity in student affairs are considered.

The Max Forman Research prize: This prize, derived from the Max Forman Research Fund, recognizes excellence in medical research with the aim of promoting and encouraging its pursuit in the School of Medicine, Dalhousie University. The award, given every other year, is open to all junior (students, interns, residents and fellows) investigators in the Faculty of Medicine.

Bursaries

It is necessary to apply for these awards. Information may be obtained at the Office of the Dean of Medicine or at the Awards Office, Arts and Administration Building.

The IODE John Stewart Chapter Bursary: A bursary awarded to a Nova Scotia student who at the completion of the second year shows proper academic standing and need of financial assistance.

The A.B. Wiswell Bursary: This bursary established by the late Dr. A.B. Wiswell of Halifax, is to be awarded to a student completing the first year of the regular medical course. Character and financial need are to be considered, but the standing of the candidate in his class is the primary consideration.

The Dr. Hector J. Pothier Bursary: A bursary donated in memory of the late Dr. Hector J. Pothier of Beaver River, Nova Scotia to be given to a needy student in medicine who has expressed an interest in spending time as a family physician in a rural community.

The Charles J.W. Hinman Memorial Bursary: A bursary which was established to assist an undergraduate medical student of any year in the Faculty of Medicine who demonstrates satisfactory academic progress and who provides to the Faculty clear evidence of the need for financial assistance.

The Dr. Elizabeth Catherine Weld Memorial Bursaries: A bursary or bursaries of approximately $1000 to be awarded each year to medical students of any year with preference to be given, but not restricted, to minorities and those in need.

Order of the Eastern Star, Halifax Chapter 7 - Medical Student Bursary: A bursary to be awarded to a needy medical student.

Marion E. and Frank A. Seaman Bursary: This bursary of approximately $750 in memory of the late Marion E. and Frank A. Seaman, is to be awarded to a student who has completed the first year of Medicine. The primary considerations are to be need and scholastic standing.

The A.R. Merle Smith Bursary: A bursary or bursaries to be presented to a student(s) who has or have graduated from Bathurst High School who, having completed the first year in the Faculty of Medicine, is or are enrolled on a full-time basis in the second or a subsequent year in the faculty.

Doctor R.M. Pendrich Scholarship: The income from an endowment to be awarded to the student from New Brunswick who, in the opinion of the University, has demonstrated need and merit with preference given to students who reside in West Saint John, New Brunswick.

Financial Aid

The John George and Emily MacDougall Bursaries: Under the terms of the will of the late Doctor John George MacDougall, formerly a senior surgeon of the Faculty of Medicine and at the Victoria General Hospital, a perpetual trust fund was established, the income from which is to be used for "such deserving persons who being . . . undergraduates of the Medical School of Dalhousie are . . . most entitled to assistance on the grounds of worth and necessity." The number of bursaries annually available is estimated to be from twelve to twenty ranging in value from $250 to $1000.

William Isaac MacDougall Fund: Under the will of the late Andrena Frances MacDougall, a fund was set up to provide "scholarships in the Medical School of the University." Further particulars of the terms and conditions of award may be obtained from the Dean.

Faculty of Medicine Loan Funds: Any medical student in financial need may apply for loan assistance, but ordinarily preferred consideration is given to students in the Second, Third, and Fourth Years. Interviewing and processing are done through the Awards Office. Forms are available in the Office of the Dean of Medicine. A loan made becomes due on June 1st of the graduating year and bears interest from that date until paid. Since the amount available in each year to loan to medical students is dependent on what is annually returned to the Fund, students are earnestly requested to plan to make the repayment of these loans their first financial priority after graduation, in order that other students may have the use of the funds. The capital of the Loan Fund, as well as coming from University sources, has been substantially built up through the generosity of the *W.K. Kellogg Foundation* and *The Pfizer Canada Division of the Pfizer Corporation.* Additional sums were made available in the *Dr. J.V. Graham Memorial Loan Fund,* established by the family of the late Dr. J.V. Graham for a student in First or any subsequent year; *the Malcolm B. Dockerty, MD Loan Fund,* preferably given to a student in Fourth Year who is a native of Prince Edward Island; and the *Dr. S. Barton Sklar Loan Fund,* established by Carl Wellish (MD Dalhousie, 1963) for "qualified medical students of limited financial resources."

Loan Funds

Maude Abbott Memorial Scholarship Loan Fund: Information regarding these loans, to women medical students, may be obtained from: The Secretariat, Federation of Medical Women of Canada, CMA House, 1867 Alta Vista Drive, P.O. Box 9502, Ottawa, Ontario, K1G 3U2.

The Canada Student Loan Plan: Loans available to students under the Canada Student Loan Plan are considered by an agency in each province. Canadian students should apply to the appropriate agency in the province where they or their parents reside. For further information write to the Director of Awards, Dalhousie University.

Postgraduate Medical Prizes and Fellowships

The Ross Stewart Smith Memorial Fellowship in Medical Research: This fellowship is the interest on a bequest to Dalhousie University by Dr. James Ross Smith and his wife, the late Mrs. Eliza Cochran Smith, as a memorial to their son, Ross Stewart Smith, who died while attending Dalhousie. It is open to students of exceptional ability following graduation from the Faculty of Medicine at Dalhousie. The research may be in clinical medicine or in the basic medical sciences. Application should be made to the Dean of Medicine.

Killam Postgraduate Medical Scholarships: These scholarships were established by the late Mrs. Izaak Walton Killam. They are awarded to postgraduate students in the third, fourth, or fifth year of training in a clinical department of the Faculty of Medicine at Dalhousie or elsewhere. Selection by the Faculty Awards Committee is based on the recommendation of the department head that the candidate is likely to contribute to the advancement of learning or to win distinction in his specialty and could be recommended for appointment to the faculty of a medical school on completion of his training.

The Percy Hermant Fellowship in Ophthalmology: A fellowship of $1,000, the gift of The Imperial Optical Company, for postgraduate training in ophthalmology. Candidates are usually to be graduates in Medicine of Canadian universities who intend to practise this specialty in Canada.

Research Fellowships

Foundation Fellows: These fellowships are available to medical graduates or graduates of recognized PhD programs to undertake post-graduate training at Dalhousie in basic and clinical science for a period of two to three years. Support will also be extended to postdoctoral fellows already at Dalhousie when such support would advance research in the Faculty of Medicine and the research programs of a faculty member. Preference will be given to candidates who have potential to contribute to academic medicine in the maritime provinces of Canada. The level of support will be determined by the number of years of training following graduation based on MRC scales for fellowships (for PhD's) or on resident scales of pay for MD's. Deadline for receipt of applications is 1 May and 1 October or as funds and circumstances permit.

Academic and Administrative Staff 1987-88

Dean
Murray, T.J., MD (Dal), FRCP(C)

Vice-Dean
Badley, B.W.D., MBBS, FRCP (Lond.), FRCP(C)

Associate Deans
Dickson, D.H., BA, MSc, PhD (UWO), Research
Higgins, L.M., MD (McGill), FACOG, FRCSC, Saint John Campus
Kirby, R.L., MD (Dal), FRCP(C), Curriculum and Evaluation
Mason, W.F., MD (Dal), FRCP(C), Postgraduate Medical Education
Reid, Byron L., MSc, MD (Dal), CCFP, Student Affairs and Admissions

Assistant Dean
Putnam, R.W., MD, CCFP(C), Continuing Medical Education

Directors
MacDougall, B.D., B.Comm(Dal), C.MA, Finance and Administration
Mann, K., B.ScN.,M.Sc.,Ph.D.(Dal),Medical Education
Penney, J., Professor, Student Advisor Program

Administrative Staff
Baker, Frank, Evaluation
Blackburn, Judy W., Postgraduate Medical Education
Blauvelt, Barbara L., Alumni Relations
Bliss, Janet R., BCom, MBA (Dal), Institutional Affairs and Planning
Detienne, Brenda L., Student Affairs and Admissions
Graham, Sharon D., B.Comm.(St.Mary's) Data Administration
Hinds, Barbara, Public Relations
Holmes, Bruce, B.Sc.(Acadia), M.Ed.(Dal) Faculty Development
Johnson, Sheila, B.A. (Mt.St.V.) Curriculum and Electives
MacDonald, Madonna, B.B.A.(Mt.St.V.) Personnel/Budget
O'Neill, Robert, Research
Portman, Pat, Surveys and Selections
Power, Lynn, B.Sc.(Dal), B.Ed.(Mt.St.V.), Deans Office Coordinator

Dalhousie Medical Research Foundation
Gordon, Peter C., MD (Dal), DPH, Ph, Executive Secretary
Redford, Donna, Secretary
Wessel, Rhonda, Administrative Secretary

Faculty Council 1987-88
Amirault, Dr. D.A.
Belitsky, Dr. P.
Breckenridge, Dr. W.C.
Easterbrook, Dr. K.B.
Hirsch, Dr. S.D.
Hopkins, Dr. D.A.
Moss, Dr. M.A.
Renton, Dr. K.W.
Schlech, Dr. W.F.
Ste. Marie, Dr. M.T.
Tanton, Dr. R.T.

Ex officio: President, Dean, Vice-Dean, Associate and Assistant Deans, Faculty Secretary, President of Medical Students' Society, President of Intern Resident Association of Nova Scotia

Emeriti Professors
Aldous, J.G., MA (UBC), PhD (Tor.), Professor of Pharmacology (1945-1981)
Bethune, G.W., BSc. (Acadia), MDCM (Dal), FRCS(C), FACS, Professor of Surgery (1959-1985)
Goese, C.L., BSc, MDCM (Dal), FACS, FRCS(C), Professor of Urology (1946-1977)
Hammerling, J.S., BSc, MD (NY Med. Coll.), FACS, Professor of Ophthalmology (1952-1973)
Isseksutz, Bela, MD (Szeged), DSc (Budapest), Professor of Physiology (1967-)
Josenhans, W.T., MD (Tubingen), FACCP, FACSP, Professor of Physiology/Biophysics (1958-1986)
MacLeod, E.J., BA (Acad.), MDCM (Dal), Professor of Physiology (1961-1976)
MacRae, D.M., BSc, MDCM (Dal), CRCS(C), FCCP, Professor of Ophthalmology (1938-1975)
Macpherson, L.B., BSc (Acad.), PhD (Tor.), MBE, DSc (Acad.), LLD (Dal),Professor of Biochemistry (1952-1978)
Nicholson, J.F., BSc, MDCM (Dal), FRCP(C), Professor of Psychiatry (1951-)
Ross, E.F., BSc, MDCM (Dal), FACS, FRCP(S), Professor of Surgery (1968-1973)
Saunders, Richard L., de CH, MDChB (Edin.), FRS(E&SA), FRSA, Professor of Anatomy (1938-1973).
Stevenson, W.D., MD (Tor.), FRCS(C), Professor of Neurosurgery (1948-1978)
Stewart, C.B., OC, BSc, MDCM (Dal), MPH, Dr.PH (J.H.U.), FAPHA, FRCP(C), MCFP, LLD (UPEI), DSc (St.F.X.), LLD (Dal), Professor of Epidemiology (1946-1978)
Still, H.C., MA, MBChB (Cantab), FRCP(C), Professor of Family Medicine (1959-1985)
Tupper, W.R.C., BSc, MDCM (Dal), FACS, FICS, FRCS(C), FRCOG(Eng.), FACOG, Professor of Obstetrics & Gynecology (1950-1983)
vanRooyen, C.E., MDChB, DSc (Edin.), FRCP, FRCP(C), FRC Path., FRS Can., Professor of Microbiology (1956-1973)
Weld, C. Beecher, MA (UBC), MD (Tor.), LLD (Dal), FRC Can., Professor of Physiology (1936-1968)

Active Staff
Abbott, C.M., MD (Dal), FRCP(C), Lecturer, Psychiatry, Suite 1010, 5991 Spring Garden Road
Abbott, E.C., MD (Dal), FRCP(C), Associate Professor, Medicine, Suite 385, 5991 Spring Garden Road
Acres, J.C., MD (Dal), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Ahmad, Sirah, MBBS (Peshawar), MRCP(Eng.), FRCP(C), Assistant Professor, Medicine, Suite 212, 5595 Fenwick Street, Halifax, N.S.
Ahman, F.W., MD (UWO), FRCS(C), Lecturer, Obstetrics & Gynecology, Suite 410, 5991 Spring Garden Road, Halifax, N.S.
Akhtar, S.N., MBBS (Punjab), FRCP(C), Associate Professor, Psychiatry, N.S. Hospital, Drawer 1004, Dartmouth, N.S.
Akoury, H., MBChB (Alexandria), FACOG, FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Aldrich, J.E., PhD (Nott.), Associate Professor, Radiation Oncology, 2nd Floor, Ambulatory Care Centre
Alexander, D.I., MD (Dal), FRCS(C), Assistant Professor, Surgery (Orthopedics), Room 3162, Ambulatory Care Centre, VG Hospital
Alexander, K.N., MBBS (Kerala), FRCP(C), Lecturer, Pathology, IWK Hospital
Allen, A.C., BS (Haverford), MDCM (McGill), FAAP, Associate Professor, Pediatrics; Associate Professor, Obstetrics & Gynecology, Grace Maternity Hospital
Allen, C.T.B., MBBS (Lond.), CRCP(C), Assistant Professor, Anesthesia and Surgery, 10th floor, VG Hospital
Allison, N.P., MBChB (Leeds), MRCP (Leeds), FRCP(C), Assistant Professor, Psychiatry, Nova Scotia Hospital, Drawer 1004, Dartmouth, N.S.
Amirault, John D., BSc, MD, FRCP, Lecturer, Surgery, Camp Hill Hospital
Anderson, I.H., MD (Dal), FRCP(C), Lecturer, Radiology, Saint John Regional Hospital
Anderson, John P., MD (UWO), FRCP(C), Associate Professor,-Pediatrics, IWK Hospital

Anderson, R.N., MDCM (Dal), FRCP(C), The Carnegie and Rockefeller Professor and Head, Medicine, Room 8025, VG Hospital
Andrade, E.M., MD (Santo Tomas), FRCS(C), FACOG, FACS, Lecturer, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Andrew, John W., MSc (Dal), PhD (Alta.), Assistant Professor, Radiology (Radiotherapy), Room 2028, Ambulatory Care Centre
Andrews, D.M., MD (Dal), FRCS(C), Lecturer, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
Andrews, R., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, St. Rita Hospital, 409 King's Road, Sydney, N.S.
Anningson, R.L., MD (Dal), MCFP, Clinical Instructor, Family Medicine, Hampton Medical Centre, Hampton, N.B.
Aquino, Jose A., BSc, MD (Santo Tomas), FRCP(C), DABNM, FACNM, Associate Professor, Radiology, Div. Nuclear Medicine, Hfx. Infirmary
Archibald, J.F., BSc, MD (Dal), CCFP Clinical Instructor, Family Medicine, 5521 Duffus Street, Halifax, N.S.
Armour, J.A., BSc (McG), MD (UWO), PhD (Loyola), Associate Professor, Physiology & Biophysics, 3D, Tupper Building
Arneaud, J.D., MBBS (Lond.), DCP (Lond.), FRCPath.(U.K.), Assistant Professor, Pathology, Camp Hill Hospital
Asuncion, Jacobo R., MDCM (Santo Tomas), Associate Professor, Anatomy, 14B, Tupper Bldg.
Atkinson, T.E., BSc (UNB), MD (Dal), CCFP, Senior Clinical Instructor, Family Medicine, 540 St. George Blvd., Moncton, N.B.
Attia, E.L.A., MBChB (Egypt),M.D. (McGill), Head, Otolaryngology, Halifax Infirmary
Audain, V.P., BSc (Mt A), MD (Dal), FRCS(C), Lecturer, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
Auffrey, Jean-Marie, MD (McG), CCFP(C), Clinical Instructor, Preceptor, Family Medicine, P.O. Box 1300, Shediac, New Brunswick
Auld, C.R. Benson, BSc (Acad.), MDCM (McG), FRCS(C), Associate Professor, Surgery, Suite 1140, 5991 Spring Garden Road, Halifax, N.S.
Auld, R.B., MD (Dal), FRCP(C), FRCS(C), Assistant Professor, Urology, Suite 620,5991 Spring Garden Road, Halifax, N.S.
Awad, Said A., MBBCh, FRCS(C), FACS, Professor and Head, Urology, 5th Floor, VG Hospital
Badley, B.W.D., MBBS, FRCP(Lond.), FRCP(C), Professor, Medicine, Room 8018, VG Hospital, Vice-Dean, Office of the Dean of Medicine, 15th Floor, Tupper Building
Bagnell, P.C., MD (Dal), FRCP(C), Associate Professor, Pediatrics, IWK Hospital
Bailey, Peter, MD (Sask), FRCP(C), Lecturer, Medicine , Saint John Regional Hospital
Baker, C., BSc (Virginia), PhD (California), Assistant Professor, Physiology and Biophysics, Tupper Building
Baker, E., MED (McGill), Clinical Instructor, Family Medicine, 1094 Wellington Street, Halifax, N.S.
Baker, G.R., BA (McGill), MA, PhD (Toronto), Assistant Professor, Community Health and Epidemiology, 6225 Oakland Road, Halifax, N.S.
Balcomb, I., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Bairam, C., BA, BSc, MSc, PhD (MUN), Adjunct Assistant Professor, Community Health & Epidemiology, 181 Willingdon St., Fredericton, N.B.
Banks, M.R., MD (Dal), CCFP, Lecturer, Family Medicine, P.O. Box 953, Armdale, N.S.
Barker, R.A., MBChB (Liverpool), FFARCS (Lond.), FFARACS (Melbourne), FRCP(C), Assistant Professor, Anesthesia, VG Hospital.
Barnard, D.R., BSc, MD (Dal), FRCP(C), FAAP, Assistant Professor, Pediatrics, IWK Hospital; Assistant Professor, Pathology
Barrett, Ann, BHEc (Mt.St.V.), MLS (Dal), Head, Interlibrary Loan, Kellogg Library
Barry, Carolyn, MD (Dal), Clinical Instructor, Family Medicine, 27 Mill Street, Fredericton, N.B.
Barry, M.H., BSc ,MD (Dal), Lecturer, Radiology, Saint John Regional Hospital, Saint John, N.B.
Barry, T.J., MD (Dal), Clinical Instructor, Family Medicine, 27 Mill Street, Fredericton, N.B.
Barton, William F., BA, MD, FRCP, Lecturer, Radiology, Dartmouth General Hospital
Baskett, Thomas F., MB, ChB, FRCS, FRCS (C), MRCOG, Professor, Obstetrics and Gynecology, Grace Maternity Hospital; Associate Professor, Paediatrics
Bate, G.W., MD, CM (Dal), FRCS (C), FACS, Assistant Professor, Surgery, Suite 566, Saint John Regional Hospital, Saint John, N.B.
Bayer, M., MD (Hamburg), FRCS(C), Honorary Adjunct Professor, Microbiology, Tupper Building
Beaton J.W., BSc, MD (Dal), LMCC, FRCS (C), Lecturer, Ophthalmology, 277 Pleasant St., Dartmouth, N.S.
Beaudin, D.J., BA (Loyola), MDCM (McG), FRCP(C), Assistant Professor, Medicine, 717 Millidge Avenue, Saint John, N.B.
Bedwell, Stephen F., MD (Tor.), FRCP(C), Assistant Professor, Medicine, Suite 409, 6155 North Street, Halifax, N.S.
Belcourt, C.L., MBBS (King's Coll. Hosp., Lond.), FRCP(C), FACC, Associate Professor, Radiology, IWK Hospital
Belitsky, P., BA, MDCM (McG), FRCS (C), Associate Professor, Urology, Room 5099, Ambulatory Care Centre, Halifax, N.S.
Bell, F.G., BSc (Acad.), MD (Dal), Preceptor, Family Medicine, PO Box 1208, Liverpool, N.S.
Benstead, Timothy J., MD (Calgary), LMCC, FRCP(C), Assistant Professor, Department of Medicine, Room 2147, VG Hospital
Beresford, J. Patricia, MD (Dal), Clinical Instructor, Family Medicine, P.O. Box 3024, Halifax, N.S.
Bernardo, A.I., MD (Santo Tomas), Lecturer, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Bessoudo, R., MD (Mexico), FRCP(C), Lecturer, Medicine, 719 Millidge Avenue, Saint John, N.B.
Bethune, D.C.G., MD (Dal), FRCS (C) (McG), Fellow (Chicago), Assistant Professor, Surgery, Suite 1160, 5991 Spring Garden Road, Halifax, N.S.
Bethune G.H., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 5991 Spring Garden Rd., Halifax, N.S.
Bewick, J.B., MDCM (McG), CRCP(C), Lecturer, Geriatric Medicine, Saint John Regional Hospital, Saint John, N.B.
Bewick, D.J., BSc, MD (Dal), LMCC, FRCP(C), Lecturer, Medicine, 12 Crestline Road, Saint John, New Brunswick
Bezanson, G.S., BSc (Mt.A.), MSc (Dal), PhD (Carleton), Assistant Professor, Microbiology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Birnie, W.A., MD (Manitoba), FRCP(C), Assistant Professor, Psychiatry, Camp Hill Hospital
Bisson, G.E., MDCM (McG), FRCS (C), Lecturer, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Bitter-Suermann, H., MBBS (Kiel), FRCSC, Professor, Surgery, Clinical Research Centre
Blair, A. Huntley, MSc (UBC), PhD (Calif.), Professor, Biochemistry, 9J, Tupper Bldg., Associate Professor, Pathology
Bloom, K., PhD (No.Carolina), Assistant Professor, Pediatrics, Associate Professor, Psychology Dept., Dalhousie
Bloomberg, Gary B., MD, FRCP(C), LMCC, Flex, Assistant Professor, Medicine, Room 8025, VG Hospital
Bodurtha, A.J., MBBS (U.W.I.), FRCS.(C), FACS, Associate Professor, Surgery, Room 4133, Ambulatory Care Centre, VG Hospital
Bonen, A., BA (UWO), MS, PhD (Ill.), Assistant Professor, Physiology & Biophysics; Professor, School of Recreation, Physical and Health Education
Bortolussi, R.A., MD (Tor.), FRCP(C), Assistant Professor, Microbiology; Associate Professor, Pediatrics, IWK Hospital
Boudreau, S.F., BSc (St.D.), MD (Dal), FRCP(P), Assistant Professor, Pathology, Halifax Infirmary
Boulos, A.N., MD (Syrian), FRCS.(C), Assistant Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Bowes, V.F., BSc, MD (Dal), FRCP(C), Lecturer, Pathology, Halifax Infirmary
Bowie, D.M., BS, MD (Dal), FRCP(C), Assistant Professor, Medicine Room 4101, Ambulatory Care Centre, VG Hospital
Boxall, J.M., MD (Queen's), CCFP, Lecturer, Family Medicine, Fenwick Towers
Brander, J.A., MDCM (Dal),CRCP(C), Assistant Professor, Radiology, Halifax Infirmary
Breckenridge, W. Carl, PhD (Tor.), Professor, Biochemistry, Rm. 9B3, Tupper Bldg.
Brennan, C.F., MD (Dal), FRCP(C), Clinical Instructor, Obstetrics and Gynecology, 366 King's Road, Sydney, N.S.

Brien, D.V., BSc (UNB), MD (Dal), Lecturer, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Brodie, Glen, MD (Dal), FRCS (C), Clinical Instructor, Obstetrics and Gynecology, Moncton General Hospital, Moncton, N.B.
Brooks, S., MBChD (Aberdeen), FRCP(C), Clinical Instructor, Psychiatry, Nova Scotia Hospital
Brown, B. St. J., MBBS (Lond.), FRCP(C), Professor, Radiology, IWK Hospital; Associate Professor, Obstetrics & Gynaecology
Brown, D.C., BSc (Mt A), MDCM (Dal), FCFP(C), Associate Professor, Family Medicine, Department of Family Medicine, 5599 Fenwick Street
Brown, D.C.S., BSc, MDCM (Dal), FRCS (C), Professor, Surgery, 5991 Spring Garden Road, Suite 200, Halifax, N.S.
Brown, M.G., BA (UWO), MA (Queen's), AM, PhD (Chicago), Associate Professor, Community Health and Epidemiology, Tupper Medical Building (Sabbatical leave, 1 July 1987 -June 30, 1988)
Brown, Pamela, MD (England), Clinical Instructor, Family Medicine, 1750 Bloomingdale Terrace, Halifax, N.S.
Brown, R.E., MA, PhD (Dal), Assistant Professor, Physiology/Biophysics; Associate Professor, Dept. of Psychology, Dalhousie University
Brown, R.G., BSc, MSc (McGill), PhD (Rutgers), Professor, Microbiology, Dept. of Biology, Life Sciences Building, Dalhousie University
Brown, R.L., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 5521 Duffus Street, Halifax, N.S.
Bugden, C.W., MA, MD (Dal), Clinical Instructor, Family Medicine, 110 Woodlawn Road, Dartmouth, N.S.
Bugden, Claude, MD (Dal), CRCP(C), Assistant Professor, Surgery, Suite 1110, 5991 Spring Garden Road, Halifax, N.S.
Buffett, L.M., BSc, MD (Dal), CRCP(C), Assistant Professor, Psychiatry, 1987 Beech Street, Halifax, N.S.
Buhr, A.J., BA (Man.), MD (UWO), FRCS (C), Associate Professor, Surgery, Suite 830, 5991 Spring Garden Road, Halifax, N.S.
Buhr, R.H., MD (Sask.), CCFP, Clinical Instructor, Family Medicine, P.O. Box 575, Campbellton, N.B.
Bullel, B., MD (Toronto), FRCP(C), Clinical Instructor, Pediatrics, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Burnell, M., MD (Western), FRCP(C), Lecturer, Radiation Oncology, Saint John Regional Hospital, Saint John, N.B.
Burns, G.R., BSc (St. Mary's), MD (Dal), FRCS (C), Lecturer, Surgery, 176 Portland Street, Dartmouth, N.S.
Burnstein, Marcus J., MD (Dal), MSc (Toronto), Assistant Professor, Surgery, VG Hospital, Suite 4126, Ambulatory Care Centre
Bustamante, J.O., BSc, PhD (Havana), Assistant Professor, Physiology and Biophysics, Tupper Bldg.
Butler, C.J., MD (Dal), FRCP(C), Lecturer, Diagnostic Radiology, R.R. #1, Hayes Subdivision, Colbrook, N.S.
Byers, D.M., BSc, MSc (Dal), PhD (Alberta), Assistant Professor, Paediatrics, CRC, Lecturer, Biochemistry
Byrne, B.D., BSc, MD (Dal), FRCP(C), Assistant Professor, Radiology, 2nd Floor, VG Hospital
Byrne, J.M., MA, PhD (Kansas), Lecturer, Pediatrics, Department of Psychology, IWK Hospital for Children
Caddick, R., MD (Durham), FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Caines, J.S., MD (Dal), FRCP(C), Assistant Professor, Radiology, Halifax Infirmary
Caines, L.W., BA (Dal), MA (Oxford), MD (Dal), FRCS (C), Lecturer, Surgery, Suite 395, 5991 Spring Garden Road, Halifax, N.S.
Cameron, I.A., MD (Dal), CCFP, Associate Professor, Family Medicine, Fenwick Towers
Camfield, C.S., MD (Mich.), FRCP(C), Associate Professor, Pediatrics, IWK Hospital for Children
Camfield, P.R., MD (Harvard), FRCP(C), Associate Professor, Pediatrics, IWK Hospital for Children
Campbell, D.R., MDCM (Dal), FRCP(C), Associate Professor, Radiology, V3-222, VG Hospital
Canning, R., MBBCh (National University), FRCP(C), Clinical Instructor, Pediatrics, The Moncton Hospital, 135 MacBeath Avenue, Moncton,N.B.
Carr, R.I., BA, MD (Tor.), PhD (Rockefeller), Associate Professor, Medicine and Microbiology, Rheumatic Diseases Unit, Halifax Civic Hospital
Carson, J., BSc (UNB), MD (Dal), FRCP(C), Associate Professor, Radiation Oncology, 19 Kildare Court, Renforth, N.B.
Carson, J.D., BA (Mt A), MDCM (Dal), FCCP(C), Preceptor, Family Medicine, 1745 Vallee Lourdes, Bathurst, N.B.
Casey, M.T., BSc, MDCM (Dal), FRCS (C), FACS, Associate Professor, Surgery, Suite 1110, 5991 Spring Garden Road, Halifax, N.S.
Chambers, R.W., BA, PhD (California), Carnegie and Rockefeller Professor and Head, Biochemistry, 9th Floor, Tupper Building
Champion, P.E., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 40 Chelton Woods Lane, Halifax, N.S.
Chandler, Brian M., BSc (Mt A), MD (Dal), FRCP(C), Professor, Medicine, Room 3037, Ambulatory Care Centre, VG Hospital
Chandra Sekaren, MMBBS (Madras), FRCS (C) Assistant Professor, Otolaryngology, 5991 Spring Garden Rd., Suite 216, Halifax, N.S.
Chapman, D.M., MSc (Man.), PhD (Cantab.), Professor, Anatomy, 13M1, Tupper Bldg.
Chernin, W., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 17 George Street, Glace Bay, N.S.
Chesley, A.E., MDCM (Dal), FRCS (C), FACS, Associate Professor, Chief of Service, Urology, Saint John Regional Hospital, Saint John, N.B.
Chesser, W., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 860 Mountain Road, Moncton, N.B.
Cheverie, D.J., MD (Dal), MCFP, Preceptor, Family Medicine, Washington Street, Souris, P.E.I.
Childs, C., MD (Cambridge), CCFP, Clinical Instructor, Family Medicine, 2 Dartmouth Road, Bedford, N.S.
Christie, Garth B., MD (Dal), FRCS (C), Clinical Instructor, Obstetrics and Gynecology, 1015 Regent Street, Fredericton, N.B.
Churchill, M.E., BSc, MD (Dal), CRCP(C), Lecturer, Pediatrics, 615 Main Street, Yarmouth, N.S.
Clark, A.J.M., BSc, MD (Dal), FRCP(C), (Ottawa), Lecturer, Anesthesia, VG Hospital
Clark, B.S., AB (U Cal.), MSW (Wayne State), PhD (So.Ill.), Associate Professor, Psychiatry, IWK Hospital for Children
Clark, D., MD (Dal), CCFP, Preceptor, Family Medicine, P.O. Box 160, Kensington, P.E.I.
Clark, H.C., PhD, ScD, President, Dalhousie University, Arts and Administration Building
Clark, M.R., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 224 Queen St., Charlottetown, P.E.I.
Clattenburg, R.E., BSc, MSc (Acad.), PhD (UWO), Associate Professor, Anatomy, 14C1, Tupper Building
Cloutier-Robinson, L., MD (Ottawa), CCFP(C), Clinical Instructor, Family Medicine, 110 Woodlawn Road, Dartmouth, N.S.
Cockeram, A.W., BSc, MD (Calgary), FRCP(C), Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
Cogswell, D.L., MD (Dal), CCFP(C), Preceptor, Family Medicine, PO Box 107, Aylesford, N.S.
Cohen, A.D., BSc, MD (Dal), FRCP(C), Assistant Professor, Medicine, Room 5077, Ambulatory Care Centre, VG Hospital
Cohen, F., PhD (Minnesota), Associate Professor, Community Health and Epidemiology, CRC
Cohen, M.M., DMD (Tufts), MSC (Minn.), PhD (Minn.) Professor, Pediatrics, School of Dentistry
Cole, D.E.C., BSc, MD (Tor.), Associate Professor, Pediatrics; Lecturer, Pathology, IWK Hospital for Children
Colwell, Garnet J.H., MDCM (Dal), CRCP(C), Associate Professor, Medicine, Nova Scotia Rehabilitation Centre, Halifax, N.S.
Connolly, J.F., PhD (London), Assistant Professor, Psychiatry; Assistant Professor, Psychology, Department of Psychology
Connors, S., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, Queen Elizabeth Hospital, Riverside Drive, P.O. Box 6600, Charlottetown, P.E.I.
Cook, H.W., MSc (Macdonald), PhD (Dal), Assistant Professor, Pediatrics, Lecturer, Biochemistry, Clinical Research Centre, Tupper Bldg.
Cookey, B.J., BSc (Ill.), MD (Dal), FRCP(C), Assistant Professor, Medicine, Camp Hill Hospital
Coonan, T.J., BA (Mont.), MDCM (McG), FRCP(C), Assistant Professor, Anesthesia, 10th Floor, VG Hospital

Cooper, J.H., MBChB (Glasgow), FRCPath., FRCP(C), Professor, Pathology, Rm. 109A, Dr. D.J. MacKenzie Laboratories, VG Hospital
Cooper, R.J., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 51 Water Street, Pictou, N.S.
Cooper-Rosen, E., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 57 Braemount Drive, Halifax, N.S.
Corkum, T.P., MD, MSc (Tor.), FRCS(C), Assistant Professor, Obstetrics and Gynecology; Lecturer, Pediatrics, 5991 Spring Garden Road, Suite 420, Halifax, N.S.
Corvin, Assar, AB, MA (Calif.), MD (Heidelberg), Associate Professor, Physiology and Biophysics, Rm CR1, Clinical Research Centre, Tupper Bldg.
Costain, G., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.
Cougian-Lambly, Judith, BA, MLS (Dal), Head, Technical Services, Kellogg Library
Cousins, C.L., PhD (Dal), Assistant Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Couture, C., BA (Dal), BSc (St.F.X.), Instructor, Physiology/Biophysics, Tupper Building
Covert, A.A., MD (Dal), FRCP(C), Assistant Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Covert, K.V., BSc (Mt A), MD (Dal), CRCP(C), Lecturer, Psychiatry, Saint John Regional Hospital, Saint John, N.B.
Covert, W.N., BA, MD (Dal), FRCP(C), Assistant Professor, Radiology, Saint John Regional Hospital, Saint John, N.B.
Cox, Katharine S., MD (Dal), Lecturer, Pediatrics, Lecturer; Obstetrics & Gynecology, Grace Maternity Hospital
Coyle, T.C., MBChB (Glas.), Lecturer, Pathology, Halifax Infirmary
Craig, David W., MD (Dal), Clinical Instructor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Craig, Donald E., MD (Dal), Clinical Instructor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Craig, Ronald T., MD (Dal), Clinical Instructor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Craswell, D., MD (Dal), CCFP, Clinical Instructor, Family Medicine, Middleton, N.S.
Criddle, Richard, C.A., Member of Faculty, Executive Director, VG Hospital
Crocker, J.F.S., BSc (King's), MD (Dal), FRCP(C), Professor, Pediatrics, IWK Hospital
Crofts, P., BA (Corpus Christi), BMBch (St. Mary's Hosp.), MRCP, FRCP(C), Assistant Professor, Medicine, Halifax Infirmary
Crombie, F., MD (Toronto), CCFP, Assistant Professor, Family Medicine, Fenwick Towers
Cron, C.C., BSc (Mem.), MD (Dal), FRCS(C), FAAO, Assistant Professor, Otolaryngology, Suite 210, 5991 Spring Garden Road, Halifax, N.S.
Crosby, Joan M., BSc, MDCM (Dal), FRCP(C), Associate Professor, Pediatrics,6156 Quinpool Road, Halifax, N.S.
Crumley, J., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics & Gynaecology, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Cudmore, D.P., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 27 Highland Drive, Antigonish, N.S.
Cudmore, D.W., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 172 Fitzroy Street, Charlottetown, P.E.I.
Cunningham, Robert M., MD (Tor.), FRCP(C), Associate Professor, Radiation Oncology, 2nd Floor, Ambulatory Care Centre
Currie, R., MSc, PhD (Man.), Assistant Professor, Anatomy, Tupper Medical Building
Curry, J.P., BA (Dart.), MD (Dal), MSc (Alta.), FRCS(C), Lecturer, Surgery, 5991 Spring Garden Road, Suite 280, Halifax, N.S.
Curtis, Donna, BA, BEd (St.F X), MSW (Dal), Clinical Instructor, Pediatrics and Family Medicine, Family Medicine Centre, Fenwick Street, Halifax, N.S.
Curtis, John E., MSc, MD (Dal), Lecturer, Psychiatry, 1595 Bedford Highway, Suite 261, Halifax, N.S.
Cussen, M.G., MB, BCh, BA (Cork), Instructor, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Cynader, M., PhD (MIT), Professor, Physiology/Biophysics, Department of Psychology, Dalhousie University

Dalton, Maurice T., BSc (Cork), MBChB (Ireland), Assistant Professor, Microbiology, Dr. D.J. Mackenzie Laboratories, V.G. Hospital
Daniels, C., BSc, MSc (West Cape), Lecturer, Radiology, VG Hospital
Dauphinee, K., BSc, BEd, MSc, MD (Dal), LMCC, FRCP(C), Lecturer, Anaesthesia,VG Hospital
David, C.J., MBBS (Bombay), FRCP(C), Assistant Professor, Psychiatry, Rm.9-067, VG Hospital
David, Yasmine, MBBS (Bombay), CRCP(C), Associate Professor, Pediatrics, IWK Hospital
Davies, C.F., MD (Trinity), CCFP, Clinical Instructor, Family Medicine, 38 Seely Street, Saint John, N.B.
Davies, E.C., MBBCH (Trinity), FRCP(C), Assistant Professor, Anaesthesia, Saint John Regional Hospital, Saint John, N.B.
Davis, G.E., MD, CM (Dal), Professor, Radiology, Rm. V3-313, VG Hospital
Davis, P., MD (Dal), MCFP, Clinical Instructor, Family Medicine, 926 Greenwood Avenue, Halifax, N.S.
Dayal-Gosine, L., LRCP, LRCS (Ireland), FRCS(C), Lecturer, Ophthalmology, 5880 Spring Garden Road, Halifax, N.S.
Dean, C.R., BSc (Mt A), MSc (Dal), DPhil (Oxon), MD (Dal), FRCP(C), Associate Professor, Medicine, Camp Hill Hospital
Delahunt, J.A., MDCM (Dal), Preceptor, Family Medicine, 6155 North Street, Halifax, N.S.
Del Campo, C., MD (Mexico) FRCS (C) LMCC, FRCS(C), Assistant Professor, Surgery, Halifax Infirmary
Dennis, W.F., BSc (Acad.), MD (Dal), Preceptor, Family Medicine, 537 Mountain Road, Moncton, N.B.
De Coutere, I.A.A., MBBS (Lond.), FRCP(C), Assistant Professor, Psychiatry,N.S. Hospital, Dartmouth, N.S.
Dickie, Marjorie C., BA, MA, PhD (Tor.), Assistant Professor, Physiology and Biophysics, 5E, Tupper Bldg.
Dickson, D.H., BA, MSc, PhD (UWO), Associate Dean, Research, 15th Floor, Tupper Bldg., Professor, Anatomy, 13K2 Tupper Bldg.
Dimitriadis, G., MD (Athens), Preceptor, Family Medicine, 6723 Quinpool Road, Halifax, N.S.
Dingle, MA, MD (Dal), FRCF (P), Clinical Instructor, Family Medicine, 42 Woodward Crescent, Halifax, N.S.
Doan, B.D. (Brock), MSc, PhD (McG), Lecturer, Psychiatry, Dept. of Psychology, Nurses Residence, VG Hospital
Doane, B.K., BA (Princeton), MA (Dal), PhD (McG), MD (Dal), FRCP(C), FACP, Professor, Psychiatry, 9-067, VG Hospital
Dobson, R., MD (Dal), FRCP(C), Lecturer, Radiology, VG Hospital
Dolan, F.G., BSc (St.F X), MDCM (Dal), FRCS(C), Assistant Professor, Surgery, 5991 Spring Garden Road, Suite 200, Halifax, N.S.
Dolphin, Peter, BSc, PhD (Southampton), Professor, Biochemistry, 9D, Tupper Building
Donaldson, J.D., MD (Sask.), FRCS, Assistant Professor, Otolaryngology, IWK Hospital
Doniglewicz, S., LRCP (Lond.), MRCS (Eng.), FACA, FRCP(C), Assistant Professor, Anesthesia, Halifax Infirmary
Dooley, J.M., MBBCH (Ireland), FRCP(C), Assistant Professor, Pediatrics, IWK Hospital for Children
Dooley, K.C., BSc, PhD (UBC), Assistant Professor, Pathology, Dr. D.J.Mackenzie Laboratories, VG Hospital
Doolittle, W.F., AB (Harv.), PhD (Stanford), Professor, Biochemistry, 9F, Tupper Building
Dornan, J.W., BMS, MD (MUN), FRCP(C), LMCC, Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
Douglas, G.D., MD (Dal), FACC, FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Downie, J.W., BSc, PhD (Man.), Associate Professor, Urology; Professor, Pharmacology, Tupper Building
Drysdale, A.A., MDCM (Dal), CRCP(C), Associate Professor, Anesthesia, 10-032, VG Hospital
Drysdale, R., MD (Dal), FACP, FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.
Dubois, P.M., MD (Ottawa), FCCP, FRCS(C), Clinical Instructor, Surgery, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
duBois, G.C., Lecturer, Family Medicine, Department of Family Medicine, Fenwick Tower, Halifax, N.S.
Dudar, John D., MSc (Alta.), PhD (Dal), Associate Professor, Physiology and Biophysics, 3F Tupper Bldg.

Duncan, J.R., BSc (Mt A), MD (Dal), CRCP(C), Lecturer, Pediatrics, Saint John Regional Hospital, Saint John, N.B.
Duncan, Macadam, MBChB (Glasgow), CCFP, Lecturer, Family Medicine, 6155 North Street, Halifax, N.S.
Dyer, S.E., BSc (Mt A), Clinical Instructor, Family Medicine, 1645 Edward St., Halifax, N.S.
Dymond, L.C., BSc (Mun.), MSc, MD (Dal), FRCP(C), Assistant Professor, Pathology, Camp Hill Hospital; Chief of Service, Laboratories, Camp Hill Hospital
Easterbrook, K.B., BSc (Bristol), PhD (ANU), Professor and Head, Microbiology, Rm. 7-0, Tupper Bldg.
Eastwood, D., BSc (McMaster), MD (Queens), FRCP(C), Lecturer, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Edgett, J.T., MD (Dal), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Elder, Geoffrey, PhD (McMaster), Assistant Professor, Medicine; School of Physical Education, Dalhousie University
El-Gabalawy, MD (Calgary), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Eisenberger, H.A., BSc (Lebanon Vall.), MS, PhD (Penn. State), Assistant Professor, Pathology, Tupper Building
Embil, J.A., MD (Havana), PhD (Dal), FRCP(C), RM (CCM), FACTM, Professor, Microbiology; Professor, Community Health and Epidemiology; Associate Professor, Pediatrics, IWK Hospital
Emenau, P.L., MD (Dal), FRCP(C), Assistant Professor, Medicine, 27 Goodrich Street, Saint John, N.B.
Englund, R.E., MD (Dal), FRCS(C), Lecturer, Surgery, 5303 Morris Street, Halifax, N.S.
Erdogan, M., MD (Istanbul), FRCS(C), Assistant Professor, Surgery, 5991 Spring Garden Road, Suite 465, Halifax, N.S.
Ernest, G., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 65 Waterloo Street, Liverpool, N.S.
Ernst, W.A., BSc, MDCM (Dal), FRCS(C), Associate Professor, Urology, 5960 Inglis Street, Halifax, N.S.
Evans, Jacqueline, MD (Dal), FRCP(C), Assistant Professor, Pediatrics; Assistant Professor, Obstetrics and Gynecology, Grace Maternity Hospital
Ewing, S., MD, Lecturer, Pediatrics, IWK Hospital for Children
Fairhurst, K.W., ChB (Edin.), FRCP(C), Associate Professor, Anesthesia, Rm. 10-032, VG Hospital
Farboody, Gholam H., MD (Tabriz), FRCP(C) Lecturer, Medicine, Saint John Regional, Saint John, N.B.
Faulkner, G., PhD (Dal), Lecturer, Microbiology, Room SB-B1, Tupper Bldg.
Faulkner, Ruth S., PhD (Dal), Lecturer, Microbiology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Favara, B.E., BSc (Arizona), MD (St. Louis), Professor, Pathology, IWK Hospital
Fay, D., BSc. (Mt. A), MSc (Tech), MD (Dal), Lecturer, Physiology/Biophysics, Tupper Bldg.
Feindel, J.H., MDCM (McG), FRCP, Associate Professor, Anesthesia, Halifax Infirmary
Fenwick, R.C., PhD (Tennessee), Associate Professor, Biochemistry, Tupper Building
Fernandez, L.A.V., MBBS (Dow), FRCP(C), FACP, Associate Professor, Medicine; Assistant Professor, Microbiology, Camp Hill Hospital
Ferrier, G.R., BSc, PhD (Man.), Professor, Pharmacology, 6B1, Tupper Bldg.,
Filbee, J.F., MBBS, MRCS, LRCP (Lond.), FRCP(C), Associate Professor, Radiation Oncology, 2nd Floor, Ambulatory Care Centre
Fine, A., AB (Harvard), Vet.MD, PhD (Pennsylvania), Assistant Professor, Physiology & Biophysics, Tupper Bldg.
Finlayson, L.A., RN Dipl. (Grace Hosp. Nfld), BMSc, MD (MUN), FRCP(C), Lecturer, Medicine, Room 8025, VG Hospital
Finley, G. Allen, BSc, MD (Dal), Lecturer, Anaesthesia, VG Hospital
Finley, J.P., MSc (Dal), MDCM (McG), Associate Professor, Pediatrics, IWK Hospital for Children
Fitzgerald, J.M., MD (Dal), Clinical Instructor, Family Medicine, Department of Family Medicine, Site 33, Box 29, Windsor Junction, N.S.
Flemming, B.K., BSc (UNB), MD (Dal), FRCP(C), FACR, Associate Professor, Radiology, Radiology Dept., VG Hospital
Fleming, M.J., MD (Dal), CCPP, Lecturer, Continuing Medical Education; Clinical Instructor, Family Medicine, 10 Eagle Place, Bedford, N.S.
Flinn, Roger M., BA (St. Mary's), MD (Dal), FRCP(C), Lecturer, Radiology, Canadian Forces Hospital, CFB Halifax, N.S.
Flynn, Patrick, MBBCh, BAO (Nat. Univ. Ireland), FRCP(C), FACP, MPSI, Professor, Psychiatry, VG Hospital
Forsythe, P., BA (UNB), MD (Dal), FRCP(C), Clinical Instructor, Psychiatry, Queen Elizabeth Hospital, Riverside Drive, P.O. Box 6600, Charlottetown, P.E.I.
Fox, R.A., MBBS (Durham), MRCP, FACP, FRCP, Processor, Medicine, 8th Floor, Abbie Lane Building, Camp Hill Hospital
Foyle, A., MDCM (McG), FRCP(C), Assistant Professor, Pathology, Room B-107, West Wing, Mackenzie Bldg., Victoria General Hospital, Lecturer, Medicine
Franklin, J.D., MD (Dal), FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Fraser, A.D.,BA (Houghton), PhD (Boston), Associate Professor, Pathology, Dr. D.J. Mackenzie Laboratories, VG Hospital
Fraser, David B., MDCM (Dal), FRCP(C), Professor and Head, Radiology, V3-308, VG Hospital
Fraser, G.M., MDCM (Dal), Associate Professor, Pathology, Rm. 132, D.J. MacKenzie Laboratories, VG Hospital
Fraser, P.K., MD UBC), Clinical Instructor, Family Medicine, 1586 Lincoln Road, Fredericton, N.B.
Fraser, R.C., MD (Dal), FRCP(C), FACOG, Professor, Obstetrics and Gynecology, Grace Maternity Hospital
Freedman, L.H., MDCM (Dal), Lecturer, Family Medicine, Dalhousie University
Freeman, E.O.B., MB (N.U.I.), FRCP(C), Lecturer, Psychiatry, Saint John Regional Hospital, Saint John, N.B.
Fried, L.A., MD (Budapest), FRCP(C), Associate Professor, Radiology, V3-308, VG Hospital
Gagnon, L., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 281 Windmill Road, Dartmouth, N.S.
Gajewski, J., MD (Poznan), Assistant Professor, Urology, VG Hospital
Gallacher, B., AB (Bowdoin), MD (McGill), CCFF(C), Lecturer, Anaesthesia, Halifax Infirmary
Galliani, Carlos A., MD (Buenos Aires) Lecturer, Pathology, IWK Hospital
Gardner, A., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics & Gyanecology, St. Rita Hospital, 409 King's Road, Sydney, N.S.
Gardner, M.J., MD (Dal), FRCP(C), Assistant Professor, Medicine, Room 3055, Ambulatory Care Centre, VG Hospital
Garey, D.N., MD (Dal), FRCP(C), Lecturer, Pediatrics, Saint John Regional Hospital, Saint John, N.B.
Garner, J.B., BA, MA (Oxford), MSc, PhD (Nottingham), Associate Professor, Community Health and Epidemiology, CRC, Tupper Building
Gass, D.A., BSc (Mt A), MD (Dal), CCFP(C), Head and Associate Professor, Family Medicine; Assistant Professor, Medicine, Camp Hill Hospital
Gates, R.D., PhD (Windsor), Lecturer, Psychiatry, Department of Psychology, IWK Hospital
Gatien, J.G., BA (UNB), MD (Dal), FRCP(C), Assistant Professor, Pediatrics, 970 Ivanhoe Street, Halifax, N.S.
Ghose, T., MBBS, FRCPath. (U.K.), PhD (Cal.), Professor, Pathology; Associate Professor, Microbiology, Rm. 11H4, Tupper Bldg.
Giacomantonio, Michael, BSc, MD (Dal), FRCS(C), Lecturer, Surgery, IWK Hospital; Lecturer, Paediatrics, IWK Hospital
Gibson, D.A., AIIP, FRPS, RBP, Director, Audio-Visual Division, Suite B-A1, Tupper Bldg.
Gibson, E.J., BSc, MD (Dal), FRCP(C), Assistant Professor, Pediatrics, IWK Hospital
Gibson, S., MSW (Dal), Clinical Instructor, Family Medicine, 980 Montague Rd. Site 5, Box 28, Waverley, N.S.
Gill, Kingsley, BA (Houston), MD (Toronto), Clinical Instructor, Family Medicine, 7193 Quinpool Road, Halifax, N.S.
Gill, P., MD (Dal), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.
Gill, Rosemary, MD (Dal), Clinical Instructor, Family Medicine, Dalhousie Student Health Service
Gillespie, C.T., BSc (St.F.X.), MDCM (Dal), FRCP(C), Associate Professor, Pediatrics, IWK Hospital
Gillis, D.A., BSc (St.F X), MDCM (Dal), MS (Minn.), FRCS(C), Professor, Surgery, Professor, Paediatrics, IWK Hospital

Givner, M.L., PhD (McG), Associate Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Glenn, J.J., MBChB (St.Andrew's), FRCP(C), Lecturer, Anesthesia, 10A, Victoria General Hospital
Goldbloom, R.B., MDCM (McG), FRCP(C), Professor, Pediatrics, IWK Hospital
Good, H.G., MDCM (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 835 Churchill Row, Fredericton, N.B.
Goodfellow, MD, BSc, MD (Dal), CCFP(C), Lecturer, Family Medicine, 130 Bayard Drive, Saint John, N.B.
Goodine, F.S., MD (Dal), CCFP(C), Preceptor, Family Medicine, P.O. Box 149, Woodstock, N.B.
Gordon, C.A., CDMD, CM (Dal), CRCP(C), FACP, Assistant Professor, Medicine, 5840 Gorsebrook Avenue, Halifax, N.S.
Gordon, Gerald, BSc, PhD (London), Lecturer, Psychiatry, Atlantic Child Guidance Centre, 1464 Tower Road, Halifax
Gordon, James D., BSc, MD (Dal), Lecturer, Radiology, Halifax Infirmary
Gordon, P.C., BSc, MDCM (Dal), DPH, CRCP(C), Executive Secretary, Medical Research Foundation, Dean's Office, 15th Floor, Tupper Bldg.
Gorelick, Max, MDCM (Dal), Assistant Professor, Medicine, Red Cross Society, 1940 Gottingen St., Halifax
Goulding, G.L., MDCM (Dal), FRCP(C), Lecturer, Anesthesia, Halifax Infirmary
Gozna, E., MD (Dal), FRCS(C), Clinical Instructor, Family Medicine, Dr. Everett Chalmers Hospital, Fredericton, N.B.
Graham, C.H., MDCM (Dal), FRCS(C), Assistant Professor, Surgery, 5991 Spring Garden Road, Suite 1150, Halifax, N.S.
Grant, E., MD (Dal), FRCP(C), Lecturer, Medicine, Saint John Regional, Hospital, Saint John, N.B.
Grant, Nancy E., BSc (Mt A), MD (Queen's), FRCP(C), Lecturer, Radiotherapy, Saint John Regional Hospital, Saint John, N.B.
Grant, R.S., BSc, MDCM (Dal), CRCP(C), Associate Professor, Pediatrics, IWK Hospital
Grant, S.G., MD (Dal), CCFP, Clinical Instructor, Family Medicine, RR #10, Fredericton, N.B.
Grantmyre, E.B., MDCM (Dal), FRCP(C), Professor, Radiology, IWK Hospital
Gray, G., BSc (UNB), MD (Dal), FRCP(C) Clinical Instructor, Psychiatry, Halifax Infirmary
Gray, J.D., BSc, MD (Alta.), FRCP(C), Professor, Medicine; Associate Professor, Pharmacology, Camp Hill Hospital
Gray, J.M., MBBS (London), MRCP, FRCP (Glasgow), FRCP(C), Associate Professor, Medicine, C-1 Ward, Camp Hill Hospital
Gray, M.W., BSc, PhD (Alta.), Professor, Biochemistry, 8F, Tupper Bldg.
Greenlaw, W.E., MDCM (Dal), FRCP(C), Assistant Professor, Medicine, 5991 Spring Garden Road, Suite 290, Halifax, N.S.
Gregor, R.D., BSc, MD (Qu.), FRCP(C), Associate Professor, Medicine, Suite 202, 5595 Fenwick Street, Halifax, N.S.
Gross, M., MBBS (Newcastle-upon-Tyne), FRCS(C), Assistant Professor, Surgery,Room 8028, VG Hospital
Grover, B.D., BSc (Acad.), MD (Dal), FRCP(C), Associate Professor, Pediatrics, 1645 Beech Street, Halifax, N.S.
Guptill, E., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 111 Dufferin St., Bridgewater, N.S.
Gupta, Rekha, MBBS (Gujrat Univ.), FRCP(C), Assistant Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Guy, F.C., BSc, MSc, MD (Dal), FRCP(C), Lecturer, Medicine, Room 8025, VG Hospital
Gwyn, D.G., MBBS (Lond.), MRCS (Eng.), LRCP (Lond.), PhD (Birm.), Dr. D.G.J. Campbell Professor and Head, Anatomy, Room 13B4, Tupper Building
Haase, D., BSc, MBBS (West Indies), FRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 4103, VG Hospital
Haldane, D.J.M., MBChB (Dundee), Lecturer, Medicine, Lecturer, Microbiology, Dr. D.J. Mackenzie Lab
Haldane, E.V., BSc, MBChB (Edin.), FRCP(C), Associate Professor, Microbiology; Assistant Professor, Medicine; Dr. D.J. Mackenzie Laboratories, V.G.Hospital
Haldane, J.H., MC, FRCP(C), FRCP (Edin. et Glas.), Assistant Professor, Medicine, 5991 Spring Garden Road, Suite 230, Halifax, N.S.
Hall, R.I., BSc, MD (Dal), FRCPS(C), Assistant Professor, Anaesthesia, VG Hospital
Halperin, Scott, BS (Stanford), MD (Cornell), Assistant Professor, Pediatrics, Microbiology, IWK Hospital
Hamilton, K.R., MBBS (London), FRCP(C), Lecturer, Anaesthesia, VG Hospital
Handa, S.P., MB, BS (Armitsar), FACP, FRCP(C), Assistant Professor, Medicine; Lecturer, Physiology/Biophysics, Saint John Regional Hospital, Saint John, N.B.
Hanly, J.G., MB, BCh, BAO, MRCPI, MD, FRCP(C), Assistant Professor, Medicine, Room 8025, VG Hospital
Hansell, M.M., BSc (Tor.), PhD (Cal.), Associate Professor, Anatomy, 12D1, Tupper Building
Hansen, N.H., MSc (Case Western), MD (Dal), CCFP(C), Associate Professor, Family Medicine, Halifax Infirmary
Harrison, E.R., BSc, MD (Ottawa), Lecturer, Medicine, Nova Scotia Rehabilitation Centre, Halifax, N.S.
Hart, S., MD (Dal), CCFP(C), Clinical Instructor, Family Medicine, 319 Maple Street, Fredericton, N.B.
Harvey, L., BSc, BLS (McGill), Head, Public Services, W.K. Kellogg Health Sciences Library
Hasan, K.T., MD (McGill), CCFP Clinical Instructor, Family Medicine, Suite 508, 1015 Regent Street, Fredericton,N.B.
Hatcher, J.D., MD, PhD (UWO), LLD (Queen's), FRCP(C), Advisor, Research and Technology Transfer; Professor of Physiology and Biophysics, Tupper Bldg.
Hawkins, A.E., BA, BSc, MD (MUN), FRCP(C), Assistant Professor, Pediatrics, IWK Hospital
Hayden, B., MD (Dal), Clinical Instructor, Family Medicine, P.O. Box 1450, Lunenburg, N.S.
Hayes, J.K., MD (Dal), Perceptor, Family Medicine, 278 Lacewood Drive, Halifax,N.S.
Hayne, O.A., BSc (St.F.X.), MD (Dal), FRCP(C), Assistant Professor, Medicine, 5991 Spring Garden Road, Halifax, N.S.
Heffernan, L.P.M., BSc, MD (Dal), FRCP(C), Associate Professor, Medicine, Room 2146, Ambulatory Care Centre, VG Hospital
Hegarty, Raymond, MBBCh, BAO (Cork), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, St. Martha's Hospital, Antigonish, N.S.
Helfetz, Stephen A., BA, MD (Swarthmore), Associate Professor, Pathology, IWK Hospital
Heisler, J., BA (Middleburg), MD (Chicago), Lecturer, Family Medicine
Helleiner, C.W., BA, PhD (Tor.), Professor, Biochemistry, Rm. 8B1, Tupper Bldg.
Henderson, J., MD (Ottawa), FRCP(C), Clinical Instructor, Internal Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Henderson, M.A., MD (London), LMCC, FRCP(C), Assistant Professor, Medicine, VG Hospital
Henderson, W.M., MBBS (Lond.), FRCS (Edin.), FRCS(C), Assistant Professor, Surgery, Suite 1120, 5991 Spring Garden Road, Halifax, N.S.
Henry, John S., MD (McG), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 170 Fitzroy Street, Charlottetown, P.E.I.
Hickey, J., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.
Higgins, L.M., MDCM (McG), FRCS(C), Associate Dean, (Saint John Campus), Associate Professor, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Higgins, R. Brian, MD (Laval), FRCS(C), Assistant Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Higgins, T.F., MD (Dal), Clinical Instructor, Family Medicine, Department of Family Medicine, 7041 Fielding Avenue, Halifax, N.S.
Hipwell, A., MBBCh (Trinity), FRCP(C), Clinical Instructor, Psychiatry, Nova Scotia Hospital
Hirsch, D., MD (Dal), FRCP(C), Assistant Professor, Physiology and Biophysics; Professor, Medicine, Room 5079, Ambulatory Care Centre, VG Hospital
Hirsch, Doris L.B., BA (Vassar), MD (JHU), FRCP(C), Professor, Psychiatry; Professor, Pediatrics, IWK Hospital
Hirsch, Solomon, BSc, MDCM (Dal), FACP, FRCP(C), Professor and Deputy Head, Psychiatry, Rm. 9-067, VG Hospital
Ho, H.F., MD (Taiwan), FRCP(C), Lecturer, Radiology, Saint John Regional Hospital, Saint John, N.B.

Hogan, D., MD (Dal), FRCP(C), Assistant Professor, Medicine; Assistant Professor, Community Health & Epidemiology, Room 8506, Abbie Lane Building, Camp Hill Hospital
Holland, J.G., BSc, MD (Dal), Associate Professor, Physiology and Biophysics; Lecturer, Medicine, 3M3, Tupper Building
Holmes, E.B., MB (Durham), CCFP, Clinical Instructor, Family Medicine, 337 Welton Street, Sydney, N.S.
Holness, R., BSc (Lond.), MBBS (UWI), FRCS(C), Head and Programme Director, Neurosurgery, 2nd Floor, VG Hospital
Hope, C.E., MBChB (Edin.), FFARCS (Eng.), FRCP(C), Professor and Head, Anesthesia, 10-032, VG Hospital
Hopkins, D.A., BSc (Alta.), PhD (McMaster), Professor, Anatomy, 13B4, Tupper Building
Horacek, B.M., MSc (Prague), PhD (Dal), Professor, Physiology; Associate Professor, Medicine, Rm. 4B, Tupper Building
Horackova, Magda, MSc, PhD (Prague), Professor, Physiology and Biophysics, Rm. 5F, Tupper Building
Horner, G., MD (MUN), Clinical Instructor, Family Medicine, 176 Portland Street, Dartmouth, N.S.
Hoskin-Mott, A.E.D., MD (Queen's), FRCS(C), Assistant Professor, Ophthalmology, Halifax Infirmary
Houlton, P.G., MBBS, MRCS, LRCP (Lond.), FFARCS (England), Lecturer, Anesthesia, 10th Floor, VG Hospital
Howard R., MB, ChB, BAO (NUI), MRCP Psy. (U.K.), FRCP(C), Lecturer, Psychiatry, Abbie J. Lane Building, Camp Hill Hospital
Howell, D.R.S., DSC, MRCS, LRCP (Eng.), FRCP(C), Associate Professor, Medicine, 5680 Spring Garden Road, Suite 206, Halifax, N.S.
Howes, W.J., MD (Tor.), FRCS(C), Assistant Professor, Neurosurgery, VG Hospital
Huestis, W.S., MD, CM (Dal), FRCS(C), FACS, Professor, Neurosurgery, Suite 1050, 5991 Spring Garden Road, Halifax N.S.
Hughes, D., BSc (UNB), MD (Dal), FRCP(C) Assistant Professor, Pediatrics, IWK Hospital
Humayan, M., MBBS (Nishtar), FRCS(C), Clinical Instructor, Ophthalmology, Suite 306, 176 Portland Street, Dartmouth, N.S.
Hunter-Morbee, H.M., BSc, MDCM (Dal), FRCP(C), Assistant Professor, Pediatrics, 5991 Spring Garden Road, Halifax, N.S.
Hurley, R.C., BSc (St.F X), MD, CM (Dal), Preceptor, Family Medicine, Suite 206, 1015 Regent Street, Fredericton, N.B.
Hyndman, J.C., MD (Dal), FRCS(C), Assistant Professor, Surgery, Suite 200, 5991 Spring Garden Road, Halifax, N.S.
Imrie, D.D., MBBS (Durham), FRCP(C), FFARCS (Eng.), Associate Professor, Anesthesia, VG Hospital
Ing, V.W., BSc (Man.), MD (Tor.), FRCP(C), Assistant Professor, Medicine, Suite 635, 5991 Spring Garden Road, Halifax, N.S.
Irving, W.E., MD (McGill), CCFP, Clinical Instructor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Irwin, A.C., BA (Sask.), MD, DPH (Tor.), DSM (Edin.), FRSH., Professor, Community Health and Epidemiology, CRC, Tupper Building
Isa, N.N., MBBCh (Cairo), FRCS(C), Assistant Professor, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Issekutz, A.C., MD (Dal), FRCP(C), Assistant Professor, Pediatrics; Assistant Professor, Microbiology, IWK Hospital
Issekutz, T., MD (Dal), FRCP(C), Assistant Professor, Pediatrics; Assistant Professor, Microbiology, IWK Hospital
Iype, M.O., MBBS (Bangalore), Assistant Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Izzard, I., MD (Dal), ABFP, Clinical Instructor, Family Medicine, 10 Mt. Pleasant Avenue E., Saint John, N.B.
Jackson, J.R., BSc, MD (Dal), FRCP(C), Associate Professor, Radiology, IWK Hospital
Jackson, P., MRCS (England), LRCP (London), FFARCS (Sheffield), Lecturer, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
Jackson, P.C., BGS, BSc (Brandon), PhD (McMaster), Assistant Professor, Anatomy, Tupper Building
Jackson, S.A., BSc (Liverpool), MSc, PhD, Lecturer, Radiology, Cancer Treatment and Research Foundation
Janigan, D.T., BSc, MDCM (Dal), Associate Professor, Surgery; Professor, Pathology, 11th Floor, Tupper Building
Jardine, P.B., MDCM (Dal), Preceptor, Family Medicine, Musquodoboit Harbour, N.S.
Jeffrey, J.F., MD, LMCC, FRCS (C), Assistant Professor, Obstetrics and Gynecology, Grace Maternity Hospital
Jindal, K.K., MD (New Delhi), RCPS(C), Assistant Professor, Medicine, Room 8025, VG Hospital
John, O., BSc, MBBS (Kerala), FRCP(C), Lecturer, Psychiatry
Johnson, A.J., MD (Dal), FRCP(C), Associate Professor, Radiology, Halifax Infirmary
Johnson, Major Eleanor, BScN (Windsor), DHA (Toronto), Member of Faculty, Executive Director, Grace Maternity Hospital
Johnson, M.B., MD (Dal), Clinical Instructor, Family Medicine, 1285 Onondag Street, Oromocto, N.B.
Johnson, W.L., BA (Mt A), MD (Dal), CCFP(C), Lecturer, Family Medicine, 120 McDonald Street, Saint John, N.B.
Johnston, B.L., MD (Dal), Assistant Professor, Medicine, Room 8025, VG Hospital
Johnston, D.W., MDCM (Dal), FACOG, FRCS(C), Assistant Professor, Obstetrics and Gynecology, Suite 503, 277 Pleasant Street, Dartmouth,N.S.
Johnston, G.C., BSc (Waterloo), PhD (York), Professor, Microbiology, 7-E, Tupper Building
Johnstone, D.E., BSc, MDCM (McG), FRCP(C), Associate Professor, Medicine; Assistant Professor, Physiology and Biophysics, Ambulatory Care Centre, Room 3056, VG Hospital
Jollymore, G.C., BSc, MD (Dal), Preceptor, Family Medicine, P.O. Box 110, Chester, N.S.
Jones, E., MBBS (London), MRCP, ABIM, Associate Professor, Medicine, Halifax Civic Hospital, Rheumatic Diseases Unit
Jones, G.R.M., BSc, MBChB, MRCP (Edin.), FRCR (U.K.), FRCP(C), Assistant Professor, Radiology, 3rd Floor, VG Hospital
Jones, J.V., BM, BCh (Oxford), MRCP (London), FRCP(C), Professor, Medicine, Halifax Civic Hospital, Rheumatic Diseases Unit
Joshi, P.C., MBBS (Bombay), MS (Jefferson), FRCP(C), FACP, FCCP, Lecturer, Medicine, 717 Millidge Avenue, Saint John, N.B.
Joules, C.P., MBBS (Lond.), BSc (Lond.), FRCP(C), Assistant Professor, Anesthesia, Camp Hill Hospital
Junek, R.W., MD (Queen's), FRCP(C), Lecturer, Psychiatry, Atlantic Child Guidance Centre, 1464 Tower Road, Halifax
Kapkin, I.A., MD (Istanbul), FRCP(C), Assistant Professor, Psychiatry, Saint John Regional Hospital, Saint John, N.B.
Karmazyn, Morris, PhD (McG), Assistant Professor, Pharmacology, Tupper Bldg.
Kaur, S., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 5691 Duffus Street, Halifax, N.S.
Kazimirski, J., BSc, MD (Ottawa), Preceptor, Family Medicine, 495 Wentworth Road, Windsor, N.S.
Kazimirski, M., BSc, MD (Ottawa), Preceptor, Family Medicine, 495 Wentworth Road, Windsor, N.S.
Keating, D.M., MD (Dal), LMCC, FRCS (C), Lecturer, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
Keating, M.P., MD (Dal), CCFP(C), Lecturer, Preceptor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Keays, C.F., MDCM (Dal), FICS, FACS, FRCS(C), Associate Professor, Ophthalmology, 5680 Spring Garden Road, Suite 404, Halifax, N.S.
Keddy, J.W., MD (Dal), CCFP(C), Clinical Instructor, Family Medicine, Suite 206, 1015 Regent Street, Fredericton, N.B.
Keet, Sylvia, MBBS, FRCP(C), Assistant Professor, Pediatrics, IWK Hospital
Keith, I.C., MBChC (Aberdeen), PhD (Leeds), FFARCS (London), Lecturer, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
Kelly, A.C., BSc, MDCM (Dal), FRCS(C), Assistant Professor, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
Kempton, L.A., Lecturer, Family Medicine, Pastoral Care Services, VG Hospital
Kessler, B.K.D., BComm (Toronto), BSc (Guelph), MD (Queens's), FRPC (C), Lecturer, Psychiatry, CFB Stadacona, FMO, Halifax, N.S.
Kenny, N.P., BA (Mt.St.V.), MD (Dal), FRCP(C), Professor and Head, Pediatrics, Chief of Pediatrics, IWK Hospital for Children
Keyes, S., MD (Dal), Clinical Instructor, Family Medicine, 991 Mollins Drive, Saint John, N.B.
Ketene, V., BSc (King Faisal), MD (Istanbul), FAAOO, FACS, Lecturer, Otolaryngology, Suite 207, 5680 Spring Garden Road, Halifax, N.S.

Khalq, S.U., MBBS (Punjab), PhD (Liverpool), Assistant Professor, Pathology, Provincial Laboratories, Saint John, N.B.
Khanna, V.N., MBBS (Bombay), FRCP(C), Associate Professor, Medicine, Saint John Regional Hospital, Saint John, N.B.
Kholopov, A., MSc, PhD (Moscow), Assistant Professor, Physiology/Biophysics, 2695 Robie Street, Halifax, N.S.
Killeen, R.A., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 125 Old Windsor Highway, Lower Sackville, N.S.
Kind, L.S., AB (Harv.), PhD (Yale), Professor, Microbiology, 7N, Tupper Building
King, D.B., BSc, MD (Dal), FRCP(C), Assistant Professor, Medicine, 1030 South Park Street, Halifax, N.S.
King, J.B., MDCM (McG), Lecturer, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
King, L., MBChB (Aberdeen), MRCOG, Clinical Instructor, Obstetrics & Gynaecology, Prince County Hospital, 259 Beattie Avenue, Summerside, P.E.I.
Kingston, M.B., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 1 Rochford Street, Charlottetown, P.E.I.
Kinley, C. Edwin, MDCM (Dal), MSc (Man.), FRCS(C), FACS, Associate Professor, Surgery, Ambulatory Care Centre, Room 3066, VG Hospital
Kinsman, P.E., MDCM (Dal), Preceptor, Family Medicine, 5 King Street, Wolfville, N.S.
Kirby, R.L., MD (Dal), FRCP(C), Associate Dean, Curriculum and Evaluation, 15th Floor, Tupper Bldg., Associate Professor, Medicine, Nova Scotia Rehabilitation Centre
Klassen, G.A., MD (UBC), FRCP(C), FACC, Professor, Physiology and Biophysics; Associate Professor, Medicine; Ambulatory Care Centre, Room 3045, VG Hospital
Klotz, Jennifer, MD, FRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 4195, VG Hospital
Klynstra, S.J. MD (Dal), Clinical Instructor, Family Medicine, Halifax Infirmary
Knickle, D.A., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 1 Rochford Street, Charlottetown, P.E.I.
Knight, B., BSc (Mt. A.), MD (Dal), FRCP(C), Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
Knox, Donald, MBBCh, BAO (Queen's), FFARCS, Associate Professor, Anesthesia, Halifax Infirmary
Koilpillai, C.J., BSc (Alb.), MSc (Tor.), MD (McMaster), Assistant Professor, Medicine, Room 3059, VG Hospital
Koller, K.E., MD (Semmelweis), Lecturer, Pathology, 8 Windrock Drive, Bedford,N.S.
Koller, Oscar L., MD, Assistant Professor, Medicine, Camp Hill Hospital
Konok, G.P., MD (Tor.), MSc (McG), FRCS(C), Professor, Surgery, Halifax Infirmary
Kovacs, Leslie, MD (Budapest), FRCP(C), Assistant Professor, Psychiatry, 5991 Spring Garden Road, Halifax, N.S.
Kubacki, Andrjez, MD, LMCC, Assistant Professor, Psychiatry, Centracare Inc.,P.O. Box 3220, Saint John, N.B.
Kumar, S., MBBS (Bangalore), FRCR, Lecturer, Radiation Oncology, P.O. Box 98,Rothesay, N.B.
Kurji, K.H., MBBS (London), MRCGP, MSc (London), LMCC, MRCM, Lecturer, Community Health and Epidemiology, CRC
Kushner, A.W., BSc (McG), MBChB (St.Andrew's), FRCP(C), MRC Psy (Eng.), Assistant Professor, Psychiatry, Suite 316, 5595 Fenwick Street, Halifax,N.S.
Lacson, A.G., BS,MD (Philippines) FRCP(C), LMCC, Associate Professor, Pathology, IWK Hospital
Lalonde, D., MD (Queen's), FRCS(C), Clinical Instructor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Lalonde, Lucille, MD (Sask.), FRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 3058, VG Hospital
Lamontagne, B.C., MBA (George Washington), Member of Faculty, Executive Director, IWK Hospital
Lamplugh, A.N., MBBS (Lond.), Preceptor, Family Medicine, 176 Portland Street, Dartmouth, N.S.
Landau, P., MD (Dl), Clinical Instructor, Obstetrics & Gynaecology, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Landrigan, Paul L., BA (St.Dun.), MDCM (Dal), FRCP(C), FACP, FCCP, Professor, Medicine, Suite 290, 5991 Spring Garden Road, Halifax, N.S.
Landymore, R.W., BSc, MD (Dal), FRCS(C), Associate Professor, Surgery, Room 3065, Ambulatory Care Centre, VG Hospital
Lang, Herbert B., MD (Innsbruck), FRCP(C), FCAP, Assistant Professor, Pathology, 5905 Balmoral Road, Halifax, N.S.
Langille, R.A., BSc, MD (Dal), FRCS(C), Assistant Professor, Neurosurgery, 5991 Spring Garden Road, Suite 240, Halifax, N.S.
Langley, G.R., BA (MtA), MDCM (Dal), FRCP(C), FACP, Professor, Medicine, Ambulatory Care Centre, Room 4194, VG Hospital
Lannon, S.G., MDCM (Dal), FRCS(C), Associate Professor, Urology, Suite 620, 5991 Spring Garden Road, Halifax, N.S.
Larson, A.J., BA (Washington), MD (California), FRCP(C), Lecturer, Pediatrics, 58 Parkhill Road Halifax, N.S.
LaRoche, R.C., MD (Laval), FRCP(C), Assistant Professor, Ophthalmology, Assistant Professor, Paediatrics, IWK Hospital
Lau, H.Y.C., MD (Shanghai), FRCS(C), Assistant Professor, Surgery, IWK Hospital
Launcelott, G.O., BA, MD (Ottawa),FRCP(C), Lecturer, Anaesthesia, VG Hospital
Lazier, C.B., BA (Tor.), MS (UBC), PhD (Dal), Professor, Biochemistry, 8F, Tupper Building
Lee, R.H., MD (Dal), FRCS(C), Associate Professor, Obstetrics and Gynecology, 5991 Spring Garden Road, Suite 420, Halifax, N.S.
Leahey, L.J. MD (Dal), FRCS(C), Assistant Professor, Surgery, IWK Hospital
Leavitt, P.M., BA (MtA), MD (Dal), FRCP(C), Associate Professor, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
LeBlanc, Raymond P., MD (Ottawa), FRCS(C), Professor and Head, Ophthalmology, Halifax Infirmary
LeBrun, G. Paul, MD (Dal), FRCP(C), Professor, Radiology, V3-308, VG Hospital
Lee, S.H.S., BSc (McG), MSc, PhD (Dal), Professor, Microbiology, 7H, Tupper Building
Leighton, A.H., BA (Princeton), MA (Camb.), MD (JHU), Professor, Psychiatry; Professor, Community Health and Epidemiology, CRC, Tupper Building
Leighton, M., MD (Dal), Clinical Instructor, Family Medicine, Suite 280, 5991 Spring Garden Road, Halifax, N.S.
LePage, H., MBChB (Bristol), MRC Psy (U.K.), FRCP(C), Assistant Professor, Psychiatry; Lecturer, Pediatrics, IWK Hospital
Leslie, R.A., BSc (Brock), PhD (Cantab.), Associate Professor, Anatomy, 13L1, Tupper Building
Lewis, D.E., BA (MtA), MDCM (Dal), FCCP(C), Preceptor, Family Medicine, McCleave Medical Centre, Digby, N.S.
Lightfoot, P.D. MD (Dal), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Ling, Y. William, BSc (Acad.), MSc, PhD (McG), Associate Professor, Obstetrics and Gynecology; Associate Professor, Physiology and Biophysics, Endocrine Laboratory, 5th Floor, Tupper Building
Lister, N.A., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 2 Pinewood Drive, St. Stephen, N.B.
Liston, R.M., MBChB (St.Andrew's), MRCOG (Eng.), Assistant Professor, Obstetrics and Gynecology, Assistant Professor, Paediatrics, Grace Maternity Hospital
Llewellyn G., MD (Dal), FRCP(C), Lecturer, Radiology, VG Hospital
Lo, C., MD (Dal), FRCP(C), Lecturer, Radiology, VG Hospital
Loane, T.D., MD (Dal), FRCP(C), Lecturer, Medicine, Pediatrics, Room 8025, VG Hospital
Lodge, R., BSc, MBChB (Edin.), FRCP(C), Lecturer, Medicine, 719 Millidge Street, Saint John, N.B.
Loebenberg, Ralph, BSc (Col.NY), MD (Dal), FRCS(C), FACOG, Assistant Professor, Obstetrics and Gynecology, 5991 Spring Garden Road, Suite 255, Halifax, N.S.
Logan, V., BSc, MSc (Guelph), MD (Dal), FRCP(C), Lecturer, Anaesthesia, VG Hospital
Lord, H.L., MB, BS (UWI), FRCS(C), Lecturer, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Lucarotti, C., PhD (McGill), Honorary Research Associate, Microbiology, Mount Saint Vincent University
Lund, G.E., MDCM (Dal), FRCP(C), Associate Professor, Radiology, Saint John Regional Hospital, Saint John, N.B.
Luner, S.J., BS (Cal.Inst.Tech.), PhD (Cal.), Assistant Professor, Pathology, 11th Floor, Tupper Building

Medicine

Luther, E.R., BSc, MD (Dal), FRCS(C), Professor, Obstetrics and Gynecology; Associate Professor, Pediatrics, Grace Maternity Hospital
MacAulay, M.A., MD (Dal), FRCP(C), Professor and Head, Pathology, 11th Floor, Tupper Building
MacAulay, W.D., MD (Ottawa), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
MacCara, Mary E., D.Pharm. (Minn.), Assistant Professor, Family Medicine, School of Pharmacy
MacCormick, R., BSc (St.F.X.), MD (DAL), FRCP(C), Assistant Professor, Radiation Oncology, 2nd Floor, Ambulatory Care Centre, VG Hospital
MacDonald, A.C., BSc (Acad.), MD (Dal), FRCS(C), Associate Professor, Surgery, Ambulatory Care Centre, Room 4127, VG Hospital
Macdonald, A.S., MD (Dal), FRCS(C), Professor, Surgery, Ambulatory Care Centre, Room 4134, VG Hospital
MacDonald, D.D., RN (Infirmary), MD (Dal), FRCP(C), Assistant Professor, Psychiatry, VG Hospital
MacDonald, H.N.A., MDCM (Dal), FRCP(C), Professor, Medicine, Suite 101, 5880 Spring Garden Road, Halifax, N.S.
MacDonald, J.W., BSc, MD (Dal), CCFP(C), Preceptor, Family Medicine, 110 Woodlawn Road, Dartmouth, N.S.
Macdonald, R.G., MD (Dal), Assistant Professor, Medicine, VG Hospital
MacDonald, N.L., BSc, MD (Dal), FRCP(C), Lecturer, Medicine, 110 Woodlawn Road, Dartmouth, N.S.
MacDonald, R.C., MD (Dal), FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
MacDonald, R.G., MDCM (Dal), FRCP(C), Associate Professor, Pediatrics, Rm. 807, Saint John Regional Hospital, Saint John, N.B.
MacDonald, Robert M., BA (McG), MBChB (Edin.), FRCP(C), Professor, Medicine, 1820 Armview Terrace, Halifax, N.S
MacDonald, W.G., BA (StFX), MA, PhD (Windsor), Assistant Professor, Psychiatry, IWK Hospital
MacDougall, A.D., MD (Dal), RCPS(C), Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
MacDougall, C.E., MD (Dal), Clinical Instructor, Family Medicine, 6155 North Street, Halifax, N.S.
MacGregor, H. Ian, BSc, MDCM (Dal), CCFP(C), Instructor, Urology; Lecturer, Medicine; Assistant Professor, Family Medicine, 5691 Duffus Street, Halifax, N.S.
MacGregor, J.H., MD (Dal), FRCP(C), Lecturer, Radiology, VG Hospital
MacGregor, Peter A., MDCM (Dal), FRCP(C), Assistant Professor, Medicine, Room 326, Camp Hill Hospital, Halifax, N.S.
Macintosh, D.J., BA (StFX), MDCM (McG), FRCP(C), Professor, Medicine, Room 4100, Ambulatory Care Centre, VG Hospital
Macintosh, N., MD (Berlin), Assistant Professor, Medicine, Staff Health, Nurses Residence, VG Hospital
Mack, F.G., MD (Dal), FRCS(C), Professor, Urology, 5991 Spring Garden Road, Halifax, N.S.
MacKay, J.E., BA (UNB), MDCM (McG), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 1015 Regent Street, Fredericton, N.B.
MacKay, J.S., BSc (MtA), MD (Dal), MA, PhD (Tor.), FRCP(C), Associate Professor, Pathology, Provincial Laboratories, Saint John, N.B.
MacKean, G.L., BSc, MD (Dal), FRCP(C), Lecturer, Surgery, Suite 1160, 5991 Spring Garden Road, Halifax, N.S.
MacKeen, P., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 6 Walker Drive, Kensington, P.E.I.
MacKeen, A.D., MD (Dal), CRCP(C), Associate Professor, Radiology, V3-221, VG Hospital
Macken, S., MBBCh (Glasgow), FRCP(C), Clinical Instructor, Pediatrics, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
MacKellop, J.H., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 305 Newlands Avenue, Sydney, N.S.
MacKen, M., MBBCH, BAO (Dublin), FRCP(C), Lecturer, Radiology, VG Hospital
MacKenzie, B.R., BA (UNB), MD (Dal), FRCP(C), Associate Professor, Medicine, Ambulatory Care Centre, Room 3040, VG Hospital; Honorary Assistant Professor, School of Physiotherapy, Faculty of Health Professions
MacKinnon, K.J., BSc (StFX), MD (Dal), Adjunct Professor, Urology, Chief of Staff, Halifax Infirmary
Maclean, F.I., BA, MA (Tor.), DPhil (Oxon.), Associate Professor, Biochemistry 9Q, Tupper Building
MacLean, David R., MD (Dal), LMCC, CFPC, Lecturer, Community Health and Epidemiology, CRC
MacLean, L.C., BA, BEd (StFX), PhD (Dal), Associate Professor, School of Business Administration
MacLennan, N. Kenneth, MDCM (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 336 King's Road, Sydney, N.S.
MacLeod, A.J., MDCM (Dal), FRCP(C), Professor, Medicine; Lecturer, Microbiology, V9-252, VG Hospital
MacLeod, E.A., MD (Dal), Lecturer, Family Medicine, 537 Mountain Road, Moncton, N.B.
MacLeod, Ian M., MDCM (Dal), FRCP(C), Assistant Professor, Radiology, Dartmouth General Hospital, Dartmouth, N.S.
MacManus, B.J., BA, MBCh, BAO (Trinity), Lecturer, Anaesthesia, 1052 Lucknow Street, Halifax, N.S.
MacMillan, C.L., BSc (Acadia), MD (Dal), CRCP(C), Associate Professor, Radiology, V3-223, VG Hospital
MacNeil, A.R., MD (Dal), MSc(Med.) (Alta.), FRCP(C), FCCP, Assistant Professor, Medicine, Ambulatory Care Centre, Room 4099, VG Hospital
MacNeill, J.R., MD (Dal), FRCS(C), Clinical Instructor Ophthalmology, 6369 Coburg Road, Halifax, N.S.
MacSween, H., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
MacSween, J.M., BSc (StFX), MDCM (Dal), FRCP(C), Professor, Medicine, Camp Hill Hospital
Mahar, R.K., BMSc, MD (MUN), LMCC, FRCP(C), Lecturer, Medicine, 6328 Edinburgh Street, Halifax, N.S.
Mahony, D.E., BSc (Acad.), MSc (Dal), PhD (McG), Professor, Microbiology, 7G, Tupper Building
Malatjalian, D.A., BSc, MD (Beirut), FCAP, Associate Professor, Pathology; Assistant Professor, Medicine, Dr. D.J. MacKenzie Laboratories, VG Hospital
Malaviarachchi, P., MBBS (Ceylon), Clinical Instructor, Psychiatry, Nova Scotia Hospital
Maley, C.A., MBChB, MRCOG, FRCS(C), Assistant Professor, Obstetrics and Gynecology, 6155 North Street, Halifax, N.S.
Malloy, D.S., MD (Dal), FRCS(C), Lecturer, Neurosurgery, VG Hospital
Maloney, W.J., BSc, MD (MUN), Lecturer, Radiology, VG Hospital
Manchester, J. Stewart, MDCM (Dal), CRCP(C), Professor, Radiology, V3-308, VG Hospital
Mann, E.O., BSc (UNB), MD (Dal), CRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 4087, VG Hospital
Mann, K.V., BSc, MSc, PhD (Dal), Assistant Professor, CME, Assistant Director (Research), CME, Director Medical Education, 15th Floor, Tupper Building
Manning, Ann D.W., BSc (Acadia), AMLS (Michigan), Health Science Librarian, Kellogg
Marble, A.E., BEng, MEng, PhD (NS Tech.), PEng, MIEEE, Associate Professor, Surgery, c/o TUNS, P.O. Box 1000, Halifax, N.S.
Marchant, Rosemary, BSc, MD (DAL), FRCP(C), Associate Professor, Community Health & Epidemology
Marr, D.R., MD (Dal), FRCP(C), Lecturer, Medicine, 719 Millidge Street, Saint John, N.B.
Marrie, T.J., MD (Dal), FRCP(C), Professor, Medicine; Assistant Professor, Microbiology, Ambulatory Care Centre, Room 4090, VG Hospital
Marsh, J.M., BSc, MD (Alta.), FRCP(C), Assistant Professor, Medicine, Room 4193, Ambulatory Care Centre, VG Hospital
Marshall, J.C., MD (Toronto), Assistant Professor, Surgery, Room 8028, VG Hospital
Martin, G.F., BSc, MD (Manitoba), LMCC, FRCS(C), Assistant Professor, Otolaryngology, CFH Halifax, FMO Halifax, Halifax, N.S.
Martin, R.H., BA (St.Louis), BSc (StFX), MD (Dal), Assistant Professor, Radiology, 3rd Floor, VG Hospital
Martin, R.S., BSc (Sydney Tech.), PhD (Giessen), Assistant Professor, Microbiology, Pathology Institute
Martin, Sheilagh M., BA, BEd (MSVU), MA (Alta.), PhD (Calg.), Assistant Professor, Physiology and Biophysics, Biology Dept., Mount St. Vincent University, Halifax, N.S.
Mason, W.E., MD(McGill), FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.

Mason, W.F., MD (Dal), FRCP(C), Associate Professor, Radiology; Associate Dean, Postgraduate Medical Education, V3-263, VG Hospital; 15th Floor, Tupper Building, (Sabbatical leave from 1 September 1987-28 February 1988)

Matsubara, J.A., BA (Barnard), PhD (California) Assistant Professor, Anatomy, Tupper Building

Maxner, C., BSc, MD (Dal), Lecturer, Ophthalmology, Assistant Professor, Medicine, VG Hospital

Maxwell, David M., BSc, MD (Dal), Associate Professor, Family Medicine, Halifax Infirmary

Maxwell, Ian D., BSc (Bristol), MBChB (Edin.), CRCP(C), Assistant Professor, Pathology, Halifax Infirmary

Maynes, D.F., BSc (StFX), MD (Dal), LMCC, FRCP(C), Lecturer, Psychiatry, 63 Shoreview Drive, Bedford, N.S.

McCarthy, K., MD (West Indies), FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.

McCormick, C.W., BSc, MD (Dal), FRCP(C), Associate Professor, Medicine, Ambulatory Care Centre, Room 2148, VG Hospital

McCormick, W.O., MB, BChir (Cambridge), FRCP (London), FRCP(C), FRC Psych., Professor, Psychiatry, Camp Hill Hospital

McCurdy, R.F., BSc (SMU), MPH, MSc (Minn.), PhD (N.S.Tech.), Assistant Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital

McDade, D.F., MD (Western), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.

McDonald, T.F., BSc, MSc (Alta.), PhD (Dal), DIC (Lond.), Carnegie and Rockefeller Professor and Head, Physiology and Biophysics, 3A, Tupper Building

McDonah, D.B., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 723 Millidge Avenue, Saint John, N.B.

McFarlane, E. Sandra, MSc, PhD (Dal), Professor, Microbiology; 7F, Tupper Building, Secretary to Faculty

McIntyre, A.J., MD (Dal), FRCP(C), Lecturer, Anaesthesia, 10th Floor, VG Hospital

McIntyre, L.L., MD, MHSc (Tor.), FRCP(C), Assistant Professor, Community Health and Epidemiology; Assistant Professor, Pathology, IWK Hospital

McIntyre, P.F., MD (Ottawa), CCFP, Clinical Instructor, Family Medicine, 5880 Spring Garden Road, Halifax, N.S.

McKenzie, G.M., BSc (Windsor), MSc, PhD (Dal), Associate Professor, Pharmacology, 6B1, Tupper Building

McKiggan, J.J., MD (Dal), FRCP(C), Assistant Professor, Medicine, 277 Pleasant Street, Dartmouth, N.S.

McLaren, R.G., MBBS (Westminster), FRCS(C), Assistant Professor, Anesthesia, 10th Floor, VG Hospital

McLaughlin, A.W., MD (Dal), Preceptor, Family Medicine, PO Box 339, Woodstock, N.B.

McLean, J.D., MDCM (Dal), FRCP(C), Associate Professor, Psychiatry Saint John Regional Hospital, Saint John, N.B.

McMahon, D.P., BSc (SMU), MD (Dal), FRCP(C), Assistant Professor, Medicine, Camp Hill Hospital

McMullen, D., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.

McNab, J.W., MD (Toronto), CCFP, Clinical Instructor, Family Medicine, Fall River Family Practice, R.R. 2, Windsor Junction, N.S.

McNeill, L.K., MD (Dal), FRCP(C), Assistant Professor, Pediatrics, 2625 Dutch Village Road, Halifax, N.S.

McNulty, J.A., PhD (Tor.), Associate Professor, Medicine, Psychology, Life Sciences, Dalhousie University

McParland, Brian, BASc, MSc, PhD (UBC), Assistant Professor, Radiation Oncology, #707, 1881 Brunswick Street, Halifax, N.S.

McQuigge, M.S., MD (Dal), CCFP(C), Clinical Instructor, Family Medicine, PO Box 1450, Lunenburg, N.S.

Meek, David, MD (Cardiff), LMCC, FRCP(C), Lecturer, Pediatrics, Saint John Regional Hospital, Saint John, N.B.

Mencher, G.T., BA (Geo.Pepp.), MA (Calif.State), PhD (Mich.), Associate Professor, Otolaryngology (Audiology), Hearing and Speech Clinic, Fenwick Towers, Halifax, N.S.

Mezei, Catherine, MSc, PhD (UBC), Professor, Biochemistry, 9G, Tupper Building

Michael, R.T., BSc, MD (Dal), FRCP(C), Assistant Professor, Medicine, Suite 285, 5991 Spring Garden Road, Halifax, N.S.

Michaion, M., MD (Besancon), FRCP(C), Lecturer, Psychiatry, 850 Bridges Street, Halifax, N.S.

Millard, O.H., BA, MDCM (Dal), FRCS(C), Associate Professor, Urology, Suite 620, 5991 Spring Garden Road, Halifax, N.S.

Miller, R.A.W., BA (MtA), MD (Dal), FRCP(C), Assistant Professor, Medicine, 6088 Coburg Road, Halifax, N.S.

Miller, R.M., MD (Dal), FRCP(C), Assistant Professor, Radiology, VG Hospital

Miller, W.D., MD (Dal), FRCS(C), FACS, Associate Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.

Mintz E., PhD (Texas), Lecturer, Community Health & Epidemiology, CRC, Tupper Bldg.

Mitton, D.M., BSc (UNB), MD (Dal), FRCS(C), Lecturer, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.

Mitton, Gregory, BSc (MtA), MD (Dal), Lecturer, Radiology, IWK Hospital

Mobbs, I.G., BSc (Aberdeen), MSc (McM), PhD (UWO), Associate Professor, Anatomy, 13H1, Tupper Building

Moffitt, E.A., MDCM (Dal), MS (Minn.), FRCP(C), Professor, Anaesthesia, VG Hospital

Moger, W.H., BS (Cornell), PhD (Calif.), Professor, Physiology and Biophysics; Associate Professor, Obstetrics and Gynecology, 5E, Tupper Building

Moir, J.D., MDCM (Dal), FRCP(C), Assistant Professor, Radiology, Saint John Regional Hospital, Saint John, N.B.

Montague, T.J., BSc (StFX), MD (Dal), FRCP(C), Associate Professor, Medicine, Physiology and Biophysics, Ambulatory Care Centre, Room 3054, VG Hospital

Moore, Thomas, MBChB (Sheffield), FACS, FACOG, FRCS(C), Clinical Instructor, Obstetrics and Gynecology, Prince County Hospital, 259 Beattie Avenue, Summerside, P.E.I.

Morgan, Donald A., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 206 Rockwood Avenue, Fredericton, N.B.

Morgan, L.L., BSc (UNB), MDCM (McG), Lecturer, Family Medicine, Saint John Regional Hospital, Saint John, N.B.

Morgunov, N.B., MSc, PhD (Toronto), Assistant Professor, Physiology and Biophysics, Tupper Building

Moriarty, M.F., MD (Dal), Clinical Instructor, Family Medicine, Dartmouth Professional Centre, Suite 501, 277 Pleasant Street, Dartmouth, N.S.

Morris, D.E., BSc (Acad.), MDCM (Dal), FRCS(C), Assistant Professor, Surgery, Suite 1020, 5991 Spring Garden Road, Halifax, N.S.

Morrison, D.L., BA (Sask.), MD (MUN), FRCP(C), Assistant Professor, Anaesthesia, VG Hospital

Morrison, J.D., BSc (Queen's), MD (Belfast), Assistant Professor, Anesthesia, IWK Hospital

Morse, Jean, BSc (Dal), MSW (King's), Clinical Instructor, Family Medicine, Box 28, Paradise, Nova Scotia

Morse, W.I., MDCM (Dal), FRCP(C), Clinical Instructor, Family Medicine, Box 28, Paradise, Nova Scotia

Morton, B. St., BSc (Acadia), MDCM (Dal), CRCP(C), Associate Professor, Pediatrics, 2625 Dutch Village Road, Halifax, N.S.

Moss, M.A., MSc (Dal), MBBS (Lon.), FRCP(C), Assistant Professor, Pathology, Dr. D.J. Mackenzie Laboratories, VG Hospital

Moyse, C., BSc (Mt A), MD (Dal), CCFP(C), Clinical Instructor, Family Medicine, Summerside, P.E.I.

Mulroney, R.A., BSc (Ottawa), MSc (Wisc.), Lecturer, Biochemistry, c/o Dietary Department, VG Hospital

Munro, A., MBChB, MD (Glasgow), FRCP (Edin.), FRC Psych., FRCP(C), Professor and Head, Psychiatry, Abble Lane Building, Room 4018, Camp Hill Hospital

Murchland, C.A., BA (StJ), BSc (StFX), MD (Dal), CRCP(C), Assistant Professor, Anesthesia, 10-032, VG Hospital

Murphy, D.A., DVM (Ont. Vet. Coll.), MDCM (McG), FRCS(C), FACS, FAAP, FATS, FAPSA, Professor, Surgery, Ambulatory Care Centre, Room 3067, VG Hospital

Murphy, D.M., MBBCh, BAO (Univ. Coll.), Lecturer, Pathology, Halifax Infirmary

Murphy, F.G., MC (McGill), FACS, FRCS(C), Clinical Instructor, Surgery, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.

Murphy, J.M., PhD (Cornell), Associate Professor, Psychiatry, Massachusetts General Hospital

Murphy, Michael, MD (Dal), LMCC, FRCP(C), Lecturer, Anaesthesia, VG Hospital

Murphy, M.G., PhD (Dal), Assistant Professor (Research), Pharmacology, Tupper Medical Building
Murphy, R.S., BSc, MDCM (Dal), CRCS(C), Assistant Professor, Otolaryngology, Suite 840, 5991 Spring Garden Road, Halifax, N.S.
Murphy, R.W., MD (Western), FRCS(C), Clinical Instructor, Surgery, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Murray, A.H., MD (Dal), FRCPS(C), Assistant Professor, Medicine, 6287 Coburg Road, Halifax, N.S.
Murray, K.R., MD (Dal), CCFP, Clinical Instructor, Family Medicine, R.R. #2, Dingwall, N.S.
Murray, T.J., MD (Dal), FRCP(C), Dean, Faculty of Medicine, 15th Floor, Sir Charles Tupper Medical Building; Professor, Medicine, Clinical Research Centre, Tupper Building
Muthu, M.S., MBBS (Bangalore), Clinical Instructor, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Myatt, D., Member of Faculty, Executive Director, N.S. Rehabilitation Centre
Myrden, J.A., BSc, MDCM (Dal), FRCP(C), Associate Professor, Surgery, 5880 Spring Garden Road, Suite 106, Halifax N.S.
Nance, D.M., PhD (Oklahoma), Professor, Anatomy, Rm. 13B4, Tupper Building
Nance, P.W., BA (Florida), MD (So. Florida), Assistant Professor, Medicine, N.S. Rehabilitation Centre, Halifax, N.S.
Nanton, MA, MB, ChB (Leeds), MRCP (U.K.), FRCP(C), Associate Professor, Pediatrics, IWK Hospital
Nath, F.C., MD (West Indies), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Newton, P., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 111 Dufferin Street, Bridgewater, N.S.
Ngan, J.C.S., PhD, MD (Dal), FRCP(C), Lecturer, Anaesthesia, 10th Floor, VG Hospital
Nicholson, J. Fraser, BSc, MDCM (Dal), FRCP(C), Professor, Psychiatry, 9A, VG Hospital
Nixon, Murray D., BSc (MtA), MDCM (McG), CCFP(C), Associate Professor, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Norman, R.W., BSc (Toronto), MD (Dal), FRCS(C), Assistant Professor, Urology, 5991 Spring Garden Road, Suite 620, Halifax, N.S.
Norvell, Stevens T., BSc, MD (Ill.), FRCS(C), Professor, Surgery, Room 4115 Ambulatory Care Centre, VG Hospital
Novotny, G.M., CD, MD (Tor.), FRCS(C), FACS, Professor, Otolaryngology, Halifax Infirmary
Nurse, E.G., BSc (MtA), MD (Dal), CCFP(C), Preceptor, Family Medicine, 110 Woodlawn Rd., Dartmouth, N.S.
Nwaesel, C., MD (Leningrad), MPH (John Hopkins), FAAP, FRCP(C), Assistant Professor, Pediatrics, Assistant Professor, Obstetrics and Gynecology, Grace Maternity Hospital
O'Brien, D.B.J., BSc (StFX), MDCM (Dal), FRCS(C), Associate Professor, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
O'Brien, J.V., BA, MBBCh, BAO (Trinity), FRCP(C) Lecturer, Psychiatry, Drawer 1004, Nova Scotia Hospital
O'Brien, J., BSc, BMSc, MD (MUN), FRCP(C), Lecturer, Surgery, VG Hospital
O'Connor, J.F., BA (SMU), MD (Dal), CCFP(C), Assistant Professor, Family Medicine, 176 Portland Street, Dartmouth, N.S.
O'Neil, L.S., MD (Dal), Clinical Instructor, Family Medicine, 74 Woodward Crescent, Halifax, N.S.
O'Regan, J.B., MBBCh, BAO (Dublin), CRCP(C), FRCP(C), Associate Professor, Psychiatry, Saint John Regional Hospital, Saint John, N.B.
Ogborn, M., MBBS (Adelaide), FRCP(C), Assistant Professor, Paediatrics, IWK Hospital
Oliver, R., MD (McG), CCFP, Clinical Instructor, Family Medicine, 110 Woodlawn Drive, Dartmouth, N.S.
Orlik, Herbert, MD (UBC), FRCP(C), Associate Professor, Psychiatry; Associate Professor, Pediatrics, IWK Hospital
Oulton, M.R., BA (Acad.), PhD (Dal), Associate Professor, Obstetrics and Gynecology; Assistant Professor, Physiology, Endocrine Laboratory, 5th Floor, Tupper Building
Owen, W.H., BSc, MSc (Melbourne), PhD (Sydney), MLS (Dal), Reference Librarian, W.K. Kellogg Health Sciences Library
Oxner, J.H., BSc, MD (Dal), FRCP(C), Lecturer, Radiology, X-Ray Department, Dartmouth General Hospital, Dartmouth, N.S.
Oxorn, D., MD (McG), LMCC, FRCP(C), Assistant Professor, Anaesthesia, Halifax Infirmary
Palacios-Boix, J., MD (Mexico), FRCP(C), Lecturer, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Paletz, Justin, BMSc, MD (Alberta) FRCP(C), Lecturer, Surgery, Room 8028, VG Hospital
Palmer, F.B., BSc, PhD (UWO), Professor, Biochemistry, 10L, Tupper Building
Palmer, M.F., MD (McGill), FACS, FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Suite 507, Fredericton, N.B.
Paraskevopulos, Emilyos, MD (St.Jos.), FRCP(C), Lecturer, Pediatrics, 34 Dorchester Street, Saint John, N.B.
Parkhill, W.S., MS (Dal), FRCS(C), Assistant Professor, Surgery, Suite 395, 5991 Spring Garden Road, Halifax, N.S.
Parsons, A.H., BSc, MD (Dal), Clinical Instructor, Family Medicine, 6155 North Street, Halifax, N.S.
Parton, D.E., MD (Ottawa), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton,N.B.
Pass, B., PhD (Rutgers), DDS (Dal), Lecturer, Radiology, 1525 LeMarchant St., Halifax, N.S.
Patil, J.J.P., MBBS (Bangalore), FRCP(C), Assistant Professor, Medicine, Nova Scotia Rehabilitation Centre
Patterson, W.H., MD (Dal), MCFP, Clinical Instructor, Family Medicine, 234 Douglas Avenue, Saint John, N.B.
Patrick, S.J., PhD (Tor.), Professor, Biochemistry; 10-0, Tupper Building
Pearce, P.A., MD (Dal), FRCP(C), Clinical Instructor, Psychiatry, Room 4018, Abbie Lane Building, Camp Hill Hospital
Peddle, L.J., MD (Dal), FRCP(C), Professor and Head, Obstetrics and Gynecology, Grace Maternity Hospital
Pelchat, P.E., BSc (New Mexico), MLS (Texas), Professional Librarian, W.K. Kellogg Library, Tupper Building
Penney, J.C., FCR, TE (Lond.), Associate Professor, Anatomy, 14D Tupper Building
Pereira, Ethel, MBBS (Madras), FRCOG (Lond.), FRCS(C), FACOG, Assistant Professor, Obstetrics and Gynecology, 5991 Spring Garden Road, Suite 435, Halifax, N.S.
Perey, B.J.F, MSc, MD (McG), Professor and Head, Surgery, Room 8028, VG Hospital
Perlin, Irving A., BSc, MDCM (Dal), FACS, FICS, FACOG, Associate Professor, Obstetrics and Gynecology, 5991 Spring Garden Road, Suite 420, Halifax, N.S.
Persaud, Sunil, MD (Leeds), FRCP(C), Assistant Professor, Anaesthesia, Saint John Regional Hospital, Saint John, N.B.
Peters, T.H., MD (Dal), FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Suite 507, Fredericton, N.B.
Petrie, D.P., BA (UNB), MDCM (McG), FRCS(C), Assistant Professor, Surgery, Room 3161, Ambulatory Care Centre
Phillips, E.V., BSc (UNB), MD (Dal), Lecturer, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Phillips, W.G. Carlyle, BSc, MD, FCFP(C), Associate Professor, Family Medicine, Department of Family Medicine, Fenwick Street, Halifax, N.S.
Pond, J.C., MBBS (Lond.), FRCP(C), FRCP (Edin.), FRC Path (U.K.), Associate Professor, Pathology; Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
Poole, B., MD (Queen's), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Popat, R.N., MBBS (Grant), FRCS(C), Lecturer, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Pope, Barbara Lynn, BSc, PhD (UBC), Associate Professor, Pharmacology, 6th Floor, Tupper Building
Poulos, H.P., BSc, MDCM (Dal), FRCP(C), Associate Professor, Psychiatry, Medical Director, N.S. Hospital
Prentice, John, MD (Dal) LMCC, Adjunct Lecturer, Community Health & Epidemology, 1009 Cloverlead Drive, New Minas, N.S.
Preston, L.W., BA (UWO), DHA (Tor.), Member of Faculty, Executive Director, Camp Hill Hospital
Pretty, R.B., BSc (Acadia), MD (Dal), FRCP(C), Lecturer, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
Prokopetz, R.D., BMS, MD (Alberta), FRCP(C), Assistant Professor, Medicine, Pathology, Room 8025, VG Hospital

Purdy, R.A., MD (Dal), FRCP(C), Assistant Professor, Medicine, Room 2149, Ambulatory Care Centre, VG Hospital
Purkis, Ian E., MBBS (Lond.), FFARCA (Eng.), FRCP(C), Professor, Anesthesia; Assistant Director, Continuing Medical Education, Rm. 10-031, VG Hospital and 10th Floor, Tupper Building
Putnam, R.W., BA (MtA), MD (Dal), CCFP(C), Assistant Dean and Director, Continuing Medical Education, 10th Floor, Tupper Building
Pyesmany, Allan, MD (Alta.), FRCP(C), Associate Professor, Pediatrics, IWK Hospital
Quigley, J.H., BSc, MDCM (Dal), FRCS(C), Associate Professor, Ophthalmology, 1674 Oxford Street, Halifax, N.S.
Quigley, M.P., BSc (St.Dun.), MD (Dal), CCFP(C), Preceptor, Family Medicine, Northwest Medical Group, 278 Lacewood Drive, Halifax, N.S.
Quirk, K.C., BA (McM), MDCM (McG), LMCC, FRCP(C), Lecturer, Psychiatry, Abbie Lane Building, Camp Hill Hospital
Rae, J.R., BSc, BEd (StFX), MD (Dal), FRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 3062, VG Hospital
Rafuse, E.V., BSc (Acadia), MD (Dal), FRCS(C), Associate Professor, Ophthalmology, 6389 Coburg Road, Halifax, N.S.
Rajaraman, R., BS, MSc (Annamalai), PhD (Dal), Associate Professor, Microbiology; Assistant Professor, Medicine, 7th Floor, Tupper Building
Ramsey, MS, MBBCh, BAO (Queen's), FRCS(C), Associate Professor, Ophthalmology; Assistant Professor, Pathology, Halifax Infirmary
Rankin, J.A., MBBCh (Belfast), FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Suite 505, Fredericton, N.B.
Rasmussen, D.D., BA (Colo.Coll.), MA, PhD (Dal), Associate Professor, Physiology and Biophysics, 5J, Tupper Building
Rautaharju, Pentti M., MD (Helsinki), PhD (Minn.), Professor, Physiology and Biophysics, 4G1, Tupper Building
Read, R.M., MDCM (Dal), FRCS(C) Assistant Professor, Ophthalmology, Suite 406, 5880 Spring Garden Road, Halifax, N.S.
Reardon, E.P., BSc, MD (Dal), FRCP(C), Lecturer, Obstetrics and Gynaecology, Saint John Regional Hospital, Saint John, N.B.
Reardon, G., MD (Dal), FRCPS(C), Assistant Professor, Surgery, Suite 215, 5595 Fenwick Street, Halifax, N.S.
Reardon, M., BSc, MD (Dal), FRCP, Assistant Professor, Medicine, 6155 North Street, Halifax, N.S.
Rees, E.P., BSc, MDCM (McG), FRCP(C), Professor, Pediatrics, Associate Professor, Obstetrics and Gynaecology, IWK Hospital
Rees, J., MBChB (Edin.), FFR, FRCP(C), Associate Professor, Radiology, Halifax Infirmary
Reid, Byron L., MSc, MD (Dal), CCFP, Associate Dean, Student Affairs and Admissions; Lecturer, Family Medicine, 15th Floor, Tupper Building
Reid, E.L., MDCM (Dal), FRCP(C), Associate Professor, Medicine, Halifax Infirmary
Reid, P.H., BSc (MUN), MD (Dal), FRCP(C), Lecturer, Medicine, Saint John Regional Hospital, Saint John, N.B.
Renton, K.W. BSc (Sir Geo. Wm.), PhD (McG), The Carnegie and Rockefeller Professor and Head, Pharmacology, 5th Floor, Tupper Building
Reynolds, A.K., MSc (UWO), PhD (Western Ont.), Professor, Pharmacology, 5987 College Street, Halifax, N.S.
Reynolds, P.E., MBBCH (Dublin), FRCP(S), FAPA, Associate Professor, Psychiatry, Abbie Lane Building, Camp Hill Hospital
Rich, J.H., MD (Dal), FRCS(C), Clinical Instructor, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Richman, A., MD (Man.), MPH (JHU), Professor, Psychiatry, Community Health and Epidemiology, Camp Hill Hospital
Rideout, D.A., MD (Dal), FRCP(C), Assistant Professor, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
Rittmaster, Rodger, BA (Brown), MD (Tufts), Assistant Professor, Physiology and Biophysics; Assistant Professor, Medicine, Halifax Infirmary
Roberge, R.M.J., MD (Laval), FACS, FICS, FRCS(C), Clinical Instructor, Surgery, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Roberts, Neil, RIA, Member of Faculty, Executive Director, Halifax Infirmary
Roberts, T.M.F., MBBS (Lond.), FRCS(C), Assistant Professor, Surgery, 5991 Spring Garden Road, Suite 430, Halifax, N.S.
Robertson, H.A., MSc (UWO), PhD (Cantab.), Professor, Pharmacology, 6B1, Tupper Building
Robertson, S.J., BSc, MD (Ottawa), FRCPath., Clinical Instructor, Pathology, Saint John Regional Hospital, Saint John, N.B.
Robertson, W.B.C., MBChB, Associate Professor, Community Health and Epidemiology, 4th Floor, 97 Queen Street, Charlottetown, P.E.I.
Robinson, B., MD (Dal), FRCP(C), Clinical Instructor, Pediatrics, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Robinson, G.E., MBBS, MRCS, LRCP (Lond.), Preceptor, Family Medicine, Tyne Valley, P.E.I.
Robinson, K.S., BA, BSc (Trent), MD (Dal), FRCP(C), Lecturer, Medicine, Room 8025, VG Hospital
Robinson, S.C., MD (Toronto), FRCS(C), FACOG, Professor, Obstetrics/Gynaecology, Grace Maternity Hospital
Rodger, K.C., BSc (MtA), MDCM (Dal), CRCP(C), FACP, Assistant Professor, Medicine, Saint John Regional Hospital, Saint John, N.B.
Roper, Fiona M., MD (Aberdeen), Lecturer, Anaesthesia, Camp Hill Hospital
Rosales, J.K., MD (Santo Tomas), FRCPS(C), DABA, FAAP, Professor, Anaesthesia, IWK Hospital
Rosen, R., BS (Brooklyn), MA (Columbia), PhD (Chicago), Professor, Physiology and Biophysics, Tupper Bldg.
Rosenberg, E.M., MD (Dal), FRCP(C), Associate Professor, Psychiatry, Abbie Lane Building, Camp Hill Hospital
Ross, Elizabeth Douglas, BSc (Acad.), MDCM (Dal), FRCP(C), Lecturer, Pediatrics, 1929 Rosebank Avenue, Halifax, N.S.
Ross, J. Barrie, MBBS (Durham), FRCP(C), Associate Professor, Medicine; Assistant Professor, Pediatrics, Ambulatory Care Centre, Room 4196, VG Hospital (Sabbatical leave 1 April 1988-31 October 1988)
Ross, J.F., MDCM (Dal), FRCS(C), Associate Professor, Surgery, Suite 265, 5991 Spring Garden Road, Halifax, N.S.
Rothman, A., MD (MCGill), CCFP, Clinical Instructor, Family Medicine, P.O. Box 567, Sackville, N.B.
Rowden, G., BSc (Exeter), MSc, PhD (London), Professor, Pathology, Tupper Building; Associate Professor, Medicine
Roy, D.L., MDCM (Dal), FRCP(C), Professor, Pediatrics, IWK Hospital
Roy, Peter D., BSc, MD (Dal), Assistant Professor, Surgery, VG Hospital
Rozee, K.R., PhD (Dal), Professor, Microbiology; Associate Professor, Pathology, 7C, Tupper Building
Rozovsky, L.E., BA (UNB), LLB (Tor.), Adjunct Associate Professor, Law and Medicine, Patterson Kitz, Barristers and Solicitors, PO Box 247, Halifax, N.S.
Rubin, S.H., MD (Dal), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Ruderman, A.P., BSc, MA, PhD (Harvard), MBA (Chicago), Professor, Community Health and Epidemiology, CRC
Ruggles, T., BA, MLS (Dal), Assistant Head, Technical Services, Kellogg Library
Ruparelia, H., MD (Bombay), CFPC, Lecturer, Family Medicine, 962 Robie Street, Halifax, N.S.
Russell, D.W., BPharm, PhD, DSc (Lond.), FPS, BEd (Dal), Professor, Biochemistry, 10-0, Tupper Building
Russell, S., BSc (London), PhD, MD (Dal), FRCP(C), Lecturer, Psychiatry, 5991 Spring Garden Road, Suite 530, Halifax, N.S.
Rutherford, J.G., AB (Corn.), MS (Syracuse), PhD (SUNY), Associate Professor, Anatomy, 12A1, Tupper Building
Sabean, H.B., MDCM (Dal), FRCP(C), Associate Professor, Radiology, 25 Hampstead Court, Truro, N.S.
Sacamano, J., MD (Missouri), Clinical Instructor, Family Medicine, 5271 Harvey Street, Halifax, N.S.
Salisbury, S., BSc, MDCM (McG), FRCP(C), Associate Professor, Pediatrics, Medicine, IWK Hospital
Sample, K.A., BSc, MD (Dal), FRCP(C), Assistant Professor, Medicine, Ambulatory Care Centre, Room 3044, VG Hospital
Samuels, R.L., MD (Dal), Clinical Instructor, Family Medicine, Gagetown, N.B.
Sangalang, V.E., BSc, MD (Dal), FRCP(C), Associate Professor, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Sapp, G.A., MD (Dal), FRCP(C), Lecturer, Ophthalmology, 5880 Spring Garden Road, Suite 14, Halifax, N.S.
Sapp, J.L., MD (Dal), FRCP(C), Associate Professor, Medicine, Nova Scotia Rehabilitation Centre

Sarkar, N.N., MD (Far Eastern), Lecturer, Pathology, Dr. D.J. MacKenzie Laboratories, VG Hospital
Sarsfield, R.G., MD (Dal), FRCS(C), Clinical Instructor, Surgery, Dr. Everett Chalmers Hospital, 1015 Regent Street, Suite 507, Fredericton, N.B.
Savage, J.P., MBBCh, BAO (Qu. Belfast), Preceptor, Family Medicine, 176 Portland Street, Dartmouth, N.S.
Sawynok, J., MSc (Melbourne), PhD (Queen's), Associate Professor, Pharmacology, Tupper Building
Saxon, R.D., MD (Dal), FRCS(C), Clinical Instructor, Obstetrics and Gynecology, 27 Bay Street, Antigonish, N.S.
Scharf, R.F., BA (Sask.), MDCM (McG), FRCS(C), Lecturer, Family Medicine, Saint John Regional Hospital, Saint John, N.B.
Schiech, W.F., MD (Cornell), FACP, FRCP, Diplomate, ABIM, Associate Professor, Medicine, Assistant Professor, Microbiology Ambulatory Care Centre, Room 4089, VG Hospital
Schwarz, R.D., AB (Harv.), MD (Columbia), FRCS(C), Associate Professor, Urology, Assistant Professor, Paediatrics, IWK Hospital
Scott, E., BSc (Brandon), MSc, PhD (Man.), Assistant Professor, Anatomy, Tupper Bldg.
Scott, Kenneth E., BSc, MSc (Lond. Top. Med.), MD, CM (McG), FRCP(C), Associate Professor, Pediatrics; Assistant Professor, Obstetrics and Gynecology; Assistant Professor, Community Health and Epidemiology, CRC
Scott, M.J., BA, BEd, BSc, MD (Dal), FRCP(C), Assistant Professor, Department of Medicine, EEG Lab, VG Hospital
Scovil, J., MD (Dal), Lecturer, Anaesthesia, Saint John Regional Hospital, Saint John, N.B.
Shane, A.M., MD (Dal), FRCP(C), Associate Professor, Psychiatry, 5991 Spring Garden Road, Halifax, N.S.
Shannon, Malcolm P., LRCP, LRCS (Edin.), DMRD, FRCP(C), Assistant Professor, Radiology, Dartmouth General Hospital, Dartmouth, N.S.
Shaw, A.J., MDCM (Dal), FRCP(C), Assistant Professor, Radiology, VG Hospital
Shaw, J.B.M., MD (Dal), Clinical Instructor, Family Medicine, 278 Lacewood Drive, Halifax, N.S.
Shaw, J.D., MCSP (SMU), Lecturer, Anatomy, 13B1, Tupper Building
Shaw, M.G., MD (Dal), Preceptor, Family Medicine, Suite 345, 5991 Spring Garden Road, Halifax, N.S.
Shea, S., MD (Calgary), Lecturer, Pediatrics, IWK Hospital
Shears, Arthur H., MDCM (Dal), FRCP(C), Professor, Medicine, Nova Scotia Rehabilitation Centre
Sheridan, B.L., MBBS (Newcastle-Upon-Tyne), MRCP (U.K.), MRC Path, FRCP(C), Lecturer, Medicine, Associate Professor, Pathology, Dr. D.J. MacKenzie Laboratories, Room 204, VG Hospital
Sheridan, W.J., BA (Cornell), MA (Univ. College), MD (MUN), Lecturer, Medicine, 15 Peregrine Crescent, Bedford, N.S.
Shires, D.B., MBChB (Cape Town), MPH (Harv.), CCFP(C), Professor, Community Health and Epidemiology; Professor, Family Medicine, Department of Family Medicine, Fenwick Street, Halifax, N.S.(Sabbatical leave 15 March 1988 - 15 June 1988)
Shlossberg, A.H., BSc, MD (Dal), FRCP, Associate Professor, Medicine, Suite 206, 5595 Fenwick Street, Halifax, N.S.
Shukla, R., MBBS (Punjab), FRCP(C), Lecturer, Anaesthesia, VG Hospital
Shufman, Boris, MD, PhD (USSR), FRCP(C), Lecturer, Pathology, Apt. 510, 15 Mecklenberg Street, Saint John, N.B.
Siauw, S.S.S.C., MD (Nat. Taiwan), CASP, CCPQ, Lecturer, Pediatrics, Saint John Regional Hospital, Saint John, N.B.
Sidorov, J.J., MD (Zagreb), FACP, FRCP(C), Professor, Medicine, Suite 565, 5991 Spring Garden Road, Halifax, N.S.
Sigsworth, P.W.M., MDCM (Dal), FRCP(C), Lecturer, Pediatrics, 7140 Bayers Road, Halifax, N.S.
Silverberg, D.C., MD (Toronto), FRCP(C), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Simms, H.M., BA (Acad.), MDCM (Dal), FRCS(C), Assistant Professor, Surgery, Camp Hill Hospital
Simon, L., MD (Dal), Director of Medical Services, Saint John Regional Hospital, Saint John, N.B.
Simpson, D., BSc (RMC), MD (Queen's), FRCP(C) Lecturer, Medicine, 6 Overdale Lane, Dartmouth, N.S.
Singer, R.A., AB (Princeton), PhD (Harv.), Associate Professor, Medicine and Biochemistry, 9K, Tupper Building
Singh, M., MBBS (Delhi), FRCP(C), Clinical Instructor, Psychiatry, 6370 Pepperell Street, Halifax, N.S.
Sinha, Gita, MBBS (India) Lecturer, Anatomy, 13th Floor, Tupper Bldg
Slipp, F.E., MD (Dal), CCFP(C), Preceptor, Family Medicine, 61 Arthur Street, Truro, N.S.
Smith, D.D., MD (Queen's), FRCP(C), Clincial Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Smith, D.F., MDCM (Dal), FICS, FACOG, FRCS(C), Assistant Professor, Obstetrics and Gynecology, 5880 Spring Garden Road, Suite 306, Halifax, N.S.
Smith, D.J., BSc, MD (Dal), FRCP(C), Lecturer, Paediatrics, IWK Hospital
Smith, D.M., RN (Chatham Gen. Hosp.), Diploma Nursing (McM), Lecturer, Pediatrics, IWK Hospital
Smith, E.A., BA (UNB), MD (Dal), FRCP(C), Lecturer, Psychiatry, Camp Hill Hospital
Smith, G.D., MBChB (Glasgow), FRCP(C), Associate Professor, Radiation Oncology, Saint John Regional Hospital, Saint John, N.B.
Smith, J.A., MDCM (Dal), FRCP(C), Assistant Professor, Anesthesia, Rm. 10-032, VG Hospital
Smith, J.A., BSc (UNB), MD (Dal), FCFP(C), Lecturer, Family Medicine, 110 Woodlawn Road, Dartmouth, N.S.
Smith, J.D., MD (Dal), Clinical Instructor, Family Medicine, Maritime Command, Halifax, N.S.
Smith, Kevin B., MDCM (Dal), Lecturer, Family Medicine, 349 Herring Cove Road, Halifax, N.S.
Smith, Murdock A., MD (Dal), Preceptor, Family Medicine, 196 King's Road, Sydney, N.S.
Smith, M.L., BSc (StFX), MSc, MDCM (Dal), Lecturer, Family Medicine, 349 Herring Cove Road, Halifax, N.S.
Smith, Robert L., MDCM (Dal), FRCP(C), Lecturer, Pediatrics, Saint John Regional Hospital, Saint John, N.B.
Sneigrove, W.J., BA, MD (UBC), CCFP(C), FRCP(C), Clinical Instructor, Psychiatry, 89 Glenwood Avenue, Dartmouth, N.S.
Soder, C.M., BSc, MD (Alta.), FRCP(C), Lecturer, Anesthesia, Pediatrics, IWK Hospital
Solven, F., MD (UBC), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Sommers, J.G., BSc, MD (Dal), CCFP, Lecturer, Family Medicine, 2615 Northwood Terrace, Halifax, N.S.
Sparkes, G.L., MD (Dal), FRCS(C), Lecturer, General Medicine, 705 Millidge Place, Saint John, N.B.
Spears, B., MRCS, LRCP MBBS (Lon.), Clinical Instructor, Psychiatry, 19 Villa Avenue, Charlottetown, P.E.I.
Spence, M.W., MD (Alta.), PhD (McG), Professor, Pediatrics; Professor, Biochemistry; Lecturer, Psychiatry, Clinical Research Centre, Tupper Building
Spencer, P.W., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 12 Princess Street, St. Stephen, N.B.
Stacey, B., MD (McG), FRCP(C), Clinical Instructor, Family Medicine, 176 Portland Street, Dartmouth, N.S.
Stafford-Smith, M., MD (McGill), CCFP, Clinical Instructor, Family Medicine, 107 Albro Lake Road, Dartmouth, N.S.
Stanish, W.D., MD (Dal), FRCS(C), Associate Professor, Surgery, Assistant Professor, School of Physiotherapy, Suite 314, 5595 Fenwick Street, Halifax, N.S.
Steele, B.J., BA (StFX), MD (Ottawa), FACS, FRCS(C), Associate Professor, Surgery, Ambulatory Care Centre, Room 4128, VG Hospital, Registrar, Provincial Medical Board of Nova Scotia
Steeves, A.L., BSc (MtA), MDCM (McG), FRCP(C), FACP, LLD (MtA), DSc (MUN), Professor, Medicine, Mahone Bay, N.S.
Steeves, D.C., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Queen Elizabeth Hospital, 1 Rochford Street, Charlottetown, P.E.I.
Steeves, L.C., MD (McG), MCFP (Hon.), FACP, FRCP(C), Professor, Medicine, 51 Hazelholme Drive, Halifax, N.S.
Ste. Marie, M., BA, MD (Montreal), MSc (Columbia), FRCP(C), Associate Professor, Pediatrics, IWK Hospital
Stephen, W.J., MDCM (McG), FRCS(C), Lecturer, Surgery, Saint John Regional Hospital, Saint John, N.B.
Stephen, David, BSc, MD (MUN), FRCP(C), Lecturer, Paediatrics, Saint John Regional Hospital, Saint John, N.B.

Stepkowski, S.M., Dr. of Vet. Med. (Poland), Lecturer, Surgery, CRC, Tupper Bldg.(Sabbatical leave 1 May 1987-30 April 1988)
Stevenson, L.J., MDCM (Dal), CRCP(C), Associate Professor, Radiology, Saint John Regional Hospital, Saint John, N.B.
Stewart, D.I., MD (Dal), CCFP, Preceptor, Family Medicine, P.O. Box 100, Cornwall, P.E.I.
Stewart, James A., BSc, MD (Toronto), FRCP(C), Lecturer, Anaesthesia, IWK Hospital
Stickles, L., MD (Dal), FRCP(C), Clinical Instructor, Pediatrics, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Stiles, G.E., BA (UNB), MD (Dal), FRCS(C), Assistant Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Stinson, D.A., MD (UWO), Associate Professor, Pediatrics; Associate Professor, Obstetrics and Gynecology, Grace Maternity Hospital
Stirk, L.J., MD, PhD (MCGill), FRCS(C), Lecturer, Obstetrics/Gynaecology, 5991 Spring Garden Road, Halifax, N.S.
Stokes, Aidan, MBChB, BAO (Nat. Univ. Ireland), FRCP(C), Associate Professor, Psychiatry; Associate Professor, Pediatrics, IWK Hospital
Stokes, R., MBChB (Liverpool), Clinical Instructor, Family Medicine, P.O. Box 130, Baddeck, N.S.
Stoltz, D.B., BSA (Ont. Agric. Coll.), MSc (Queen's), PhD (McMaster), Professor, Microbiology, 7K Tupper Building; Associate Professor, Faculty of Arts and Science
Stroink, G., MSc (Delft), PhD (McGill), Assistant Professor, Physiology/Biophysics, Department of Physics, Dalhousie University
Stubbs, S. St. G., BSc, MD (Man.), FRCP(C), Lecturer, Anesthesia, IWK Hospital
Sturmy, P., MD (Dal), Clinical Instructor, Family Medicine, P.O. Box 250, Canso, N.S.
Stuttard, C., BA, PhD (Dublin), Professor, Microbiology, 7B, Tupper Building
Sullivan, H.A., BS, MDCM (McG), FRCS(C), FACS, Assistant Professor, Urology, Saint John Regional Hospital, Saint John, N.B.
Sullivan, J., BSc (StM), MD (Dal), FRCS(C), Assistant Professor, Surgery, Room 3068, Ambulatory Care Centre, VG Hospital
Sundin, J., MD (Uppsala), FRCS(C), Assistant Professor, Surgery, Saint John Regional Hospital, Saint John, N.B.
Survis, J.A., MD (Chicago), Clinical Instructor, Pathology, Saint John Regional Hospital, Saint John, N.B.
Sutherland, D.F., MDCM (Dal), FRCP(C), FACOG, Associate Professor, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Szerb, J.C., MD (Munich), Professor, Physiology and Biophysics, 3A, Tupper Building
Szuler, I.M.J., BSc, MD (Alta.), FRCP(C), Assistant Professor, Medicine, Room 406, 5303 Morris Street, Halifax, N.S.
Talani, E.J., MD (Dal), Lecturer, Family Medicine, Emergency Department, Halifax Infirmary
Tan, M.H., BSc, MD (Dal), FRCP(C), FACP, Professor, Medicine; Assistant Professor, Biochemistry, 5595 Fenwick Street
Tanton, R.T., BSc, MD (UBC), FRCP(C), Associate Professor, Medicine, 6th Floor, Gerard Hall, Halifax Infirmary
Taylor, A.M., BSc (Acadia), DVM (Guelph), Director, Animal Care Centre; Assistant Professor, Physiology/Biophysics, Basement, Tupper Bldg.
Taylor, H.J., MD (Toronto) FRCP(C), Lecturer, Anaesthesia, 831 King Street, Bridgewater, N.S.
Teehan, Michael D., FCFMG, FRCPI, Assistant Professor, Psychiatry, Abbie Lane Building, Camp Hill Hospital
Tewari, H.D., MBBS (Patna), FRSC(C), Assistant Professor, Urology, Saint John Regional Hospital, Saint John, N.B.
Thompson, D.L., MD (Dal), FRCP(C), Lecturer, Radiology, IWK Hospital
Thomson, A.D., MBChB (Aberdeen), Assistant Professor, Community Health and Epidemiology, PO Box 488, Halifax, N.S.
Thomson, D.H., MBChB (Glasgow), FRCP, Professor and Head, Radiation Oncology, Basement, VG Hospital
Thomson, J.G., MBBS (Lond.), FRCP(C), Assistant Professor, Anaesthesia, Halifax Infirmary
Thorpe, B.P., MD (Dal), CCFP, Clinical Instructor, Family Medicine, R.R. #3, Old Springhill Road, Fredericton, N.B.
Tingley, J.K., BSc (MtA), Member of Faculty, Executive Director, Saint John Regional Hospital, Saint John, N.B.
Todd, F., BSc, MD (Dal), FRCP(C), Instructor, Psychiatry, Bldg A, Hilyard Place, 560 Main Street, Saint John, N.B.
Toma, R., MD (Toronto), FRCP(C), Clinical Instructor, Anaesthesia, VG Hospital
Tomlison, M., FRCP, FRCS, MRCP, Instructor, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Tomlison-Ashley, B., MD (Dal), CCFP, Clinical Instructor, Family Medicine, 1518 Henry Street, Halifax, N.S.
Tompkins, M. Gregory, MDCM (Dal), FRCS(C), Professor, Obstetrics and Gynecology, Suite 420, 5991 Spring Garden Road, Halifax, N.S.
Trager, M., MD (Dal), Clinical Instructor, Family Medicine, 6155 North Street, Halifax, N.S.
Tran, H.T., MD (Saigon), PhD (Ohio State), Lecturer, Pathology, Provincial Laboratories, Saint John, N.B.
Trillo, A.A., MD (Nat. Univ. Mex.), FCAP, DAB (Path.), Associate Professor, Pathology, VG Hospital
Trites, R.A., MD (Dal), Clinical Instructor, Medicine, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Turnbull, G.K., MD (Queen's), FRCP(C), Assistant Professor, Medicine, Halifax Infirmary
Urban, L., Clinical Instructor, Pediatrics, St. Rita Hospital, 409 King's Road, Sydney, N.S.
Vair, B., MD (Dal), FRCS(C), Assistant Professor, Surgery, Halifax Infirmary
Vandenberg, T.A., BA, MD (Ottawa), FRCP(C), Assistant Professor, Radiation Oncology, N.S. Cancer Treatment Centre, Dixon Building
Verma, B., MD (Dal), Clinical Instructor, Family Medicine, 5521 Duffus Street, Halifax, N.S.
Verpoorte, J.A., DSc (Pretoria), Professor, Biochemistry, 9M, Tupper Building
Vethamany, V.G., BA, MA (Madras), PhD (Tor.), Associate Professor, Anatomy, 12E1, Tupper Building
Vincer, M., MD (MUN), FRCP(C), Lecturer, Paediatrics, Lecturer, Obstetrics and Gynaecology, Grace Maternity Hospital
Vining, L., BSc, MSc (Auckland), PhD (Cantab), Professor, Microbiology, Department of Biology, Life Sciences Building, Dalhousie University
Virey, M.G., MD (Manila), FRCP(C), Clinical Instructor, Psychiatry, Nova Scotia Hospital, Dartmouth, N.S.
Vohra, M.M., PhD (Banaras Hindu), Professor, Pharmacology, 5D1, Tupper Building
Wade, D.A., MD (Dal), Clinical Instructor, Family Medicine, 1745 Vallee Lourdes, Bathurst, N.B.
Wainwright, S.D., BA (Cantab.), PhD (Lond.), Professor, Biochemistry (Research), 10N, Tupper Building
Wali, M.N., MB, BS (Punjab), FRCS(C), FACS, Assistant Professor, Otolaryngology, 5991 Spring Garden Road, Suite 840, Halifax, N.S.
Walker, B.L., RN (Saint John Hospital), BSc (Dal), Assistant Professor, Family Medicine, Fenwick Towers
Wallace, J.C., MBBS (Durham), FRCR (Lond.), FRACP, Lecturer, Radiology, Saint John Regional Hospital, Saint John, N.B.
Walling, Keith E., MBChB (St. Andrew's), FRCS(C), Assistant Professor, Otolaryngology, 5991 Spring Garden Road, Suite 800, Halifax, N.S.
Walter, E.P., MDCM (McG), FRCP(C), FACP, Assistant Professor, Medicine, Saint John Regional Hospital, Saint John, N.B.
Washburn, R.M., MD (Dal), Preceptor, Family Medicine, 1 Electric Street, Amherst, N.S.
Wassersug, R.J., BA (Tufts), PhD (Chicago), Professor, Anatomy, Tupper Building,
Webster, R.D., MD (Dal), FRCS(C), FACOG, Associate Professor, Chief of Service, Obstetrics and Gynecology, Saint John Regional Hospital, Saint John, N.B.
Weckman, J., MD (Tor.), FRCP(C), Lecturer, Pediatrics, Suite 208, 5880 Spring Garden Road, Halifax, N.S.
Welch, J. Philip, MBChB (Edin.), PhD (JHU), FCCMG, Professor, Pediatrics; Lecturer, Medicine, Clinical Research Centre, Tupper Building
Wells, K.F., MBChB (Cape Town), FRCP(C), Lecturer, Anesthesia, Saint John Regional Hospital, Saint John, N.B.
Wenning, J.B., BSc, MD (Dal), Lecturer, Obstetrics and Gynaecology, Grace Maternity Hospital
Wentzell, P.G., BSc, MD (Dal), Lecturer, Urology, Saint John Regional Hospital, Saint John, N.B.
Westlake, A.C., MD (Calgary), CCFP, Clinical Instructor, Family Medicine, 6026 Jubilee Road, Halifax, N.S.

Whitby, D., MBBS (Lon.), FRCP(C), Lecturer, Psychiatry, 1105 Tower Road, Halifax, N.S.
White, C., MD (Memorial), Clinical Instructor, Family Medicine, 380 Victoria Street, Dalhousie, N.B.
White, F., MSc, MDCM (McG), FRCP(C), Professor and Head, Community Health and Epidemiology, Clinical Research Centre, Tupper Building
White, M., MBBS (London), FRCP(C), Clinical Instructor, Pediatrics, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
White, T.D., BSc, MSc (UWO), PhD (Bristol), Professor, Pharmacology, 501B, Tupper Building
Whiting, S.J., BSc (Dal), MSc (UNB), PHD (Guelph), Lecturer, Pathology
Wierzbicki, R., MD (Poznan), FRCP(C), Assistant Professor, Radiation Oncology, Ambulatory Care Centre, 2nd Floor, VG Hospital
Wilkinson, M., BSc (S'hampton), PhD (Lond.), Professor, Physiology and Biophysics, 5H, Tupper Building
Williams, C.N., MRCS (Eng.), LRCP (Lond.), FRCP(C), Professor, Medicine, CRC, Tupper Building
Williamson, K.A., MD (Dal), FRCP(C), Clinical Instructor, Medicine, Dr. Everett Chalmers Hospital, 1015 Regent Street, Fredericton, N.B.
Willis, S.A., MD (Dal), MCFP, Clinical Instructor, Family Medicine, 33 Beaverbank Avenue, Saint John, N.B.
Willoughby, D.V., MD (Tor.), FRCS(C), FACS, Associate Professor, Surgery, Ambulatory Care Centre, Room 4114, VG Hospital
Wills, D.G., MD (Dal), FRPC(C), Lecturer, Anaesthesia, 361 Crow's Nest Drive, Halifax, N.S.
Wilson, K., MD (Tor.), FRCS., Lecturer, Surgery, IWK Hospital
Winsor, E.J.T., BSc (MtA), MSc (Tor.), PhD (Dal), Assistant Professor, Pediatrics, CRC, Tupper Building
Wolf, Hermann, MSc (Munich), PhD (Dal), Professor, Physiology and Biophysics, 1338 Robie Street, Halifax, N.S.(Sabbatical leave 1 July 1987-30 June 1988)
Wong, Alan Y.K., PhD (Dal), Professor, Physiology and Biophysics, 3G, Tupper Building
Wong, F.S.H., MB (Taiwan), FRCS(C), Associate Professor, Otolaryngology, Halifax Infirmary
Wong, Oscar, MD (Manila), FRCP(C), Assistant Professor, Radiation Oncology, VG Hospital
Woodbury, John F.L., BScMD, CM (Dal), FACP, FRCP(C), Professor, Medicine, Halifax Civic Hospital
Woolnough, M., MBBS (Lon.), FRCP(C), Assistant Professor, Radiology, Halifax Infirmary
Worling, R.V., MD (Tor.), FRCP(C), Lecturer, Psychiatry, 205 Linden Avenue, Summerside, P.E.I.
Worn, A.J., MBBS (Durham), FRCPath., FRCP(C), Assistant Professor, Microbiology; Assistant Professor, Pathology, IWK Hospital
Wouiff, N., BA (New York), PhD (Maine), Lecturer, Psychiatry, Atlantic Child Guidance Centre, 277 Pleasant St., Suite 204, Dartmouth, N.S.
Wren, P.L., MD (Queen's), FRCP(C), Lecturer, Paediatrics, IWK Hospital
Writer, W.D.R., MRCS (Eng.), LRCP (Lond.), MBChB (Liverpool), FFARCS (Eng), FRCP(C), Professor, Anaesthesia, Obstetrics and Gynecology, 10th Floor, VG Hospital
Wright, D.V., MD (Dal), Clinical Instructor, Family Medicine, Chester, N.S.
Wrixon, W., BSc, MD (Dal), FRCS(C), FACOG, Professor, Obstetrics & Gynecology; Assistant Professor, Family Medicine, Grace Maternity Hospital
Wynn, L., BA (Wooster), PhD (North California), Assistant Professor, Community Health and Epidemiology, CRC (Sabbatical leave 1 September 1987-31 August 1988)
Yabsley, R.H., MD (Dal), BSc(Med.) (Tor.), FRCS(C), FACS, Professor, Surgery, Room 3160, Ambulatory Care Centre, VG Hospital
Yazer, Harold, BSc, MD (Dal), FRCP(C), Lecturer, Anesthesia, 10th Floor, VG Hospital
Yeadon, D.E., MD (Dal), FRCP(C), Assistant Professor, Radiology, Halifax Infirmary
Ynap, M., MBChB (Bristol), FRCP(C), MRCP (U.K.), Lecturer, Pediatrics, Saint John Hospital, Saint John, N.B.
Yoon, S.H., MD (Serverance), FRCS(C), Lecturer, Urology, 261 Pleasant Street, Dartmouth, N.S.
York, S.E., BSc (UNB), MD (Dal), FRCP(C), Associate Professor, Medicine, Halifax Infirmary
You, C.K., MD (Seoul), FRCS(C), FACS, Associate Professor, Surgery, 4th Floor Camp Hill Hospital
Young, B., Executive Director, Nova Scotia Rehabilitation Centre, Halifax, N.S.
Young, C.H., MDCM (Dal), FRCP(C), FACP, FACC, Associate Professor, Medicine, 5 Cleveland Crescent, Dartmouth, N.S.
Young, D.C., BSc (MUN), MD (Dal), FRCP(C), Assistant Professor, Obstetrics and Gynecology, Assistant Professor, Pediatrics, Grace Maternity Hospital
Yule, D., MBChB (Glasgow), FRCP(C), Clinical Instructor, Pediatrics, The Moncton Hospital, 135 MacBeath Avenue, Moncton, N.B.
Zakariasen, K.L., BA, DDS (Minn), MS, Ph.D. (Montreal), Professor, Community Health & Epidemiology, Dean, Faculty of Dentistry, Dentistry Building
Zayed, E., MBBCh (Alexandria), FRCP(C), Assistant Professor, Pathology, Lecturer, Medicine, Dr. D.J. Mackenzie Laboratories, VG Hospital
Zayid, I., MBBS (Lond.), MRC Path, FRCP(C), Professor, Pathology, Room 107, Dr. D.J. MacKenzie Laboratories, VG Hospital
Zilbert, A.W., Lecturer, Obstetrics and Gynecology, 6155 North Street, Halifax, N.S.
Zitner, D., BA (Sir. Geo. Wm.), MA, MD (Dal), Clinical Instructor, Family Medicine, 1333 South Park Street, Halifax, N.S.
Zitner, H., BA, MA, MD (Dal), Clinical Instructor, Family Medicine, 1333 South Park Street, Halifax, N.S.

Registry of Students 1987-1988

Fourth Year

Ackermann, Michael J.M., Nova Scotia
Alexiadis, Maria, Nova Scotia
Ali, S. Imtiaz, Nova Scotia
Allan, John C., New Brunswick
Arab, Donna M., Nova Scotia
Baines, Lita J., British Columbia
Baxter, Blaise W., Nova Scotia
Belitsky, Catherine A., Nova Scotia
Bergin, Patrick C., Nova Scotia
Boswall, Guy J., Prince Edward Island
Bower, Neil L., Nova Scotia
Brown Pamela A., Nova Scotia
Burk, Jane L., New Brunswick
Buttle, Jeffrey W., Nova Scotia
Campbell, David C., Nova Scotia
Chen, Szu-Yang, Nova Scotia
Cook, David B., Nova Scotia
Cooper, Kenneth J., Nova Scotia
Cox, James R., Nova Scotia
Craigie, Pamela M., Nova Scotia
Darvesh, Sultan, New Brunswick
Davey, Colin F., Prince Edward Island
Dipersio, Mario B., New Brunswick
Diquinzio, Claudio, Nova Scotia
Douglas, J. Geoffrey, Nova Scotia
Edgar, Mark A., Nova Scotia
Fleming, Ian M., New Brunswick
Fraser, Robert B., Nova Scotia
Fraser, Mary-Anne, Nova Scotia
Fuller, Benjamin R., Nova Scotia
Gillis, Anne E., Prince Edward Island
Gow, Nina M., Nova Scotia
Hall, Steven C., Ontario
Johnson, Suzanne M., Nova Scotia
Jones, M. Teresa, Nova Scotia
Kennedy, Renee S., Nova Scotia
Kinley, Jacqueline L., Nova Scotia
Kirby, Sarah, Nova Scotia
Leckey, J. Robert, New Brunswick
Lentini, Vittorio, Quebec
Levine, John O., Nova Scotia
Lewis, Joanna M., Nova Scotia
MacCallum, Margaret T., Quebec
MacCormick, Johnna A., Nova Scotia
MacDonald, Paul J., Nova Scotia
MacKinnon, Anna-Marie, Nova Scotia
MacKinnon, Heather A., Quebec
MacLeod, Valerie A., Prince Edward Island
MacMillan, Kier L., Nova Scotia
MacNeil, Iain P.G.D., Nova Scotia
MacNeil, Paula F., Nova Scotia
Mack, Suzanne E., Nova Scotia
Mahtab, Iona, Nova Scotia
McCann, David G.C., Nova Scotia
McCann, D. Burton, Nova Scotia
McGowan, Liam K., Nova Scotia
McNally, Gregory T., New Brunswick
McVicar, Stephen F., Nova Scotia
Mockler, Raymond A., New Brunswick
Morash, Christopher G.L., Nova Scotia
Morris, Joseph F., Nova Scotia
Morrison, Earl G., Nova Scotia
Mowatt, James I., New Brunswick
Neily, Donald R., Nova Scotia
Nicholson, E. Joanne, Nova Scotia
Noftle, Brooke M.E., Nova Scotia
Nolan, Maureen C., Nova Scotia
O'Connell, Mary W.E., New Brunswick
Parsons, Susan G., (Memorial University)
Paterson, Jeffrey W., New Brunswick
Price, Maura B., New Brusnwick
Prince, Mark E.P., Nova Scotia
Pringle, Christopher R., New Brunswick
Rajaraman, Murali M., Nova Scotia
Rastogi, Nikhil, Ontario
Raymond, Gregory S., Nova Scotia
Ring, Melanie S., New Brunswick
Risk, Paul J., Nova Scotia
Robertson, R. Scott, Nova Scotia
Robinson, Katherine A., Nova Scotia
Rogers, John C., Nova Scotia
Salgado, Michael J., Nova Scotia
Samant, Rajiv S., Nova Scotia
Schertzer, Robert M., Quebec
Scott, Heather M., Nova Scotia
Simon, L. Michael, New Brunswick
Smith, Mark A., New Brunswick
Steeves, Jeffrey H., Nova Scotia
Velnot, John P., Prince Edward Island
Vohra, Manoj, Nova Scotia
Weagle, Everett E., Nova Scotia
White, Margaret J., Prince Edward Island
Williams, Tammy C., Nova Scotia
Wilson, Maithili K., New Brunswick
Yoon, Robert Y.I., Nova Scotia

Third Year

Adorjan, Rosemary I., Nova Scotia
Ahluwalia, Nalin K., Nova Scotia
Ahmad, Amer R., Nova Scotia
Alexander, Karen A., Nova Scotia
Ansell, Jacqueline R., Nova Scotia
Archibald, Wallace S.B., Nova Scotia
Bell, Scott C., New Brunswick
Bellveau, Adele M., New Brunswick
Berkshire, Andrew J., Nova Scotia
Boulay, Robert M., New Brunswick
Brandys, Timothy M., Nova Scotia
Brisseau, Guy F., Nova Scotia
Brothers, Peter J., Nova Scotia
Burton, Philip J., Nova Scotia
Carr, Brendan St. J., Nova Scotia
Clarke, Heather E., Nova Scotia
Collicutt, James A., Nova Scotia
Collings, James C., New Brunswick
Comeau, Terrance B.W., New Brunswick
Cooke, Raymond H., Prince Edward Island
Coppolino, Michael L., Ontario
Crouse, Susan L., Nova Scotia
Dickinson, John D., New Brunswick
Dubarsky, Howard B., Quebec
Elias, David A., New Brunswick
Embil, John M.A., Nova Scotia
Ervine, James W., Nova Scotia
Gagliardi, Menuccia, Nova Scotia
Gallagher, Kathleen M., Nova Scotia
Gallant, Steve J., Nova Scotia
Gass, Rebekah J.A., Prince Edward Island
Giffin, P. Randolph, Nova Scotia
Gillett, Erica P., Nova Scotia
Grant, Ian A., Nova Scotia

Greene, Graham F., Nova Scotia
Hamilton, Frances I., Ontario
Hender, Kimberley J., Prince Edward Island
Hill, Rachel, New Brunswick
Hjelkrem, Michel, Nova Scotia
Hoffman, Daniel B., Nova Scotia
Jarrett, Pamela G., New Brunswick
Jewers, Paul C., New Brunswick
Jones, Diana C., Nova Scotia
Josey, Michael C., Nova Scotia
Keyes, G. Elizabeth, Nova Scotia
Kovacs, George J., Nova Scotia
Lam, Alice, Nova Scotia
Legere, Paul W., Nova Scotia
Locke, Trevor A., Nova Scotia
Losier, Christopher L., New Brunswick
Lyons, Brian J., New Brunswick
MacDonald, Theresa M., Nova Scotia
MacGregor, Janice M., Nova Scotia
MacKinnon, Janet A., Prince Edward Island
MacLeod, Kim S., Nova Scotia
MacNeil, Mary W., Nova Scotia
MacVicar, G. Neil, Nova Scotia
Maloney, Kelly E., Nova Scotia
Manuel, Douglas G., Nova Scotia
Marcovitch, Jeff, Quebec
Master, Suketu, New Brunswick
Merritt, Robert B., Nova Scotia
Milne, David G., Nova Scotia
Morris, John E., Nova Scotia
Mulligan, J. Michael, Prince Edward Island
Murphy, Joanne S., Nova Scotia
Nagpal, Sudhir K., Nova Scotia
Napier, R. Luke, Nova Scotia
Nixon, Judith P., Nova Scotia
Patel, Deepen M., New Brunswick
Petrie, David A., Nova Scotia
Poulos, R. Kirk, Nova Scotia
Raghavan, Sai L., Nova Scotia
Randall, Troy D., Nova Scotia
Rayson, Danny, Quebec
Reid, David B., Nova Scotia
Rinaldi, Fredrykka D.R., Nova Scotia
Rombaut, Allan J., Nova Scotia
Ryan, John G., Nova Scotia
Sampson, Mark E., Nova Scotia
Scholow, Benjamin L., Nova Scotia
Sepandj, Farshad, Nova Scotia
Silver, Karen L., Nova Scotia
Slysz, Garth W., New Brunswick
Smith, Cheryl D., New Brunswick
Solomon, Robert S., Quebec
Spence, David C., Nova Scotia
Spless, Andre J., Nova Scotia
Steele, A. Leone, Nova Scotia
Stuart, Lucille, Quebec
Sutherland, Donald F., New Brunswick
Thomson, Carolyn J., Nova Scotia
Touchie, Jane E., New Brunswick
Watson, Mary-Lynn, New Brunswick
Whelan, Thomas F., New Brunswick
Winter, Itta M.P., Nova Scotia
Woodfield, Wendy A., New Brunswick
Writer, Hilary K., Nova Scotia
Youssef, Youssef M.R., Nova Scotia
Zayid, Dina P., Nova Scotia

Second Year

Allen, Stephen M., Nova Scotia
Anderson, M. Patricia, Nova Scotia
Andrea, Glenn C., Nova Scotia
Atkinson, Susan M., New Brunswick
Atwell, Mike M., Nova Scotia
Badley, Andrew D., Nova Scotia
Barkhouse, Lane B., Nova Scotia
Benedek, Linda J., Quebec
Bennett, Mark S., New Brunswick
Bent, Stephen R., Nova Scotia
Brennan, Peter G., Nova Scotia
Brown, Ian R., Nova Scotia
Brown, Peggy A., New Brunswick
Canty, Andrea A., New Brunswick
Carlos, Deirdre P., Ontario
Cassidy, Beverley, Nova Scotia
Chadda, Tina K., Nova Scotia
Champion, Pauline, Nova Scotia
Chandra, Michael M., New Brunswick
Coady, M. Catherine, Ontario
Dessureault, M. Sophie, Nova Scotia
Dhar, Shymal C., New Brunswick
Dodick, David W., Nova Scotia
Dosaj, Seema, Nova Scotia
Drover, David R., Nova Scotia
Dykeman, Deanna M., Prince Edward Island
Edgar, Philip A., Nova Scotia
Ferguson, Darren B., Nova Scotia
Fice, Richard K., Nova Scotia
Gallivan, Glenn G., Nova Scotia
Godkin, Timothy A., Nova Scotia
Goodhew, John E., Nova Scotia
Grantham, Monica H., Nova Scotia
Grondin, Sean C., New Brunswick
Haddad, Camille, Nova Scotia
Hall, Suzanne, Quebec
Harvey, Richard D., Nova Scotia
Hayden, Michael S., New Brunswick
Henry, Bonnie J.F., Prince Edward Island
Higgins, Darren S., New Brunswick
Horton, Natalie L., Nova Scotia
Howells, Steven R., Nova Scotia
Jackson, Simon D., Nova Scotia
Kapoor, Anil, Nova Scotia
Keating, Paula M., New Brunswick
King, Timothy R., Nova Scotia
Kumar, R. Tinni, Nova Scotia
Langley, Richard G.B., Nova Scotia
Lantz, Christopher J., Prince Edward Island
LeBlanc, Joanne L., New Brunswick
Lee, Colleen M.Y.M., New Brunswick
Lee, George T.W., Nova Scotia
MacEachern, M. Shauna, Nova Scotia
MacLean, Charles L., Nova Scotia
MacNeil, J. Peter, Nova Scotia
Mader, Judith A., Nova Scotia
McCrossin, Murray J., Nova Scotia
McKee, Ian B.F., Nova Scotia
McLeod, Heather A., Nova Scotia
Mockler, Christine E., New Brunswick
Muir, Sara A., Nova Scotia
Nagpal, Sandeep K., Nova Scotia
Nguyen, Cong-Nghiem, Nova Scotia
Oulton, Lisa J.C., Nova Scotia
Pishori, Sayeeda N., Nova Scotia
Poirier, Angela M., Nova Scotia
Prescott, Christopher R.F., Nova Scotia
Rathee, Seema, Nova Scotia
Read, Nancy E., Nova Scotia
Ritcey, Susan G., Nova Scotia

Rowe, Donald G., Nova Scotia
Schaefer, Tanya D., New Brunswick
Shallhorn, Peter H., Prince Edward Island
Sharma, Atul, Nova Scotia
Shaw, Karen R., Nova Scotia
Sproul, Cathryn D., New Brunswick
Stairs, Heather J., New Brunswick
Stewart, Marilyn J., Ontario
Tanton, Robert L., Nova Scotia
Thomson, David M., Nova Scotia
Thorne, Susan F., Nova Scotia
Trus, Michola R., Nova Scotia
Turnilty, Joseph A., Nova Scotia
Wadden, Robert A., Nova Scotia
Wainberg, Michael J., Quebec
Warner, Margaret N., New Brunswick
Watling, Christopher J., Nova Scotia
Weatherhead, Debra J., Nova Scotia
Webster, David M., Nova Scotia
Whalen, Sylvia A., New Brunswick
Worth, Glen G., Nova Scotia
You, John, Nova Scotia

First Year

Adams, Lenley S., New Brunswick
Akhtar, Saima S., Nova Scotia
Anderson, Kathryn L., Nova Scotia
Andrecyk, Gregory P., Nova Scotia
Armstrong, Kevin P.J., Nova Scotia
Armstrong, Paidrig M.J., Nova Scotia
Belding, Ruth E., Nova Scotia
Bergin, Deirdre B., Nova Scotia
Bergin, Fiona A., Nova Scotia
Berih, A. Abdullahi, Nova Scostia
Bhanot, Pradeep, Nova Scotia
Bryden, Kathleen E., New Brunswick
Buckler, Marlene T., Nova Scotia
Bullock, Patricia A., Nova Scotia
Burgess, Gina M., Nova Scotia
Burke, Brian J., Nova Scotia
Carruthers, George H., Prince Edward Island
Chisholm, B. Teresa, Nova Scotia
Crosby, Elizabeth G., Nova Scotia
Dearman, Lisa M., Nova Scotia
Dhawan, Nishi, Nova Scotia
Drysdale, Scott Mc., Nova Scotia
Edgar, Dawn C., Nova Scotia
Ewing, Donald C., Nova Scotia
Fletcher, Mark A., Nova Scotia
Ghanem, Sara, New Brunswick
Goheen, Susan L., Nova Scotia
Gwyn, Gareth L.B.G., Nova Scotia
Hasson, Paul K., New Brunswick
Hazan, Sabine, Quebec
Hergett, Susan C., Nova Scotia
Holland, Bernard J., Prince Edward Island
Horvath, Ferenc V., New Brunswick
Humphrey, Andrew B., Prince Edward Island
Jamieson, David A., British Columbia
Kapur, Sandeep, Nova Scotia
Kent, Shirley M., Nova Scotia
Knox, C. Michele, Nova Scotia
Lawley, Thomas M., Nova Scotia
LeBlanc, Alain J., Nova Scotia
Lee, Christopher W.-K., Nova Scotia
Legge, Miriam L., Nova Scotia
Leighton, Kevin L., Nova Scotia
MacCara, Melanie L., Nova Scotia
MacKay, Elizabeth A., Nova Scotia
MacKnight, Christopher R., New Brunswick
MacMillan, J. Stewart, New Brunswick
Marier, Gisele, New Brunswick
Massoeurs, Steven J., Nova Scotia
Matheson, A. Grant, Prince Edward Island
Mathur, Arun, Nova Scotia
Matthews, Sandra L., Nova Scotia
McKenna, Paul G., Prince Edward Island
McLean, Angus D., Nova Scotia
McPhee, M. Derrick, Nova Scotia
Midgley, Janet E., Prince Edward Island
Miller, Stephen H., New Brunswick
Morgan, Matthew W., Nova Scotia
Munro, Shane M., Nova Scotia
Nicholson, John D., Nova Scotia
O'Grady, Patrick G., Prince Edward Island
O'Keefe, Stephen J., Nova Scotia
O'Quinn, John W., Nova Scotia
Phillips, Bruce A., Nova Scotia
Pickett, Wayne E., Nova Scotia
Radkey, Andrea L., Nova Scotia
Rautaharju, Mia B., Nova Scotia
Roberts, Delyth M., Prince Edward Island
Robinson, Bruce T., Nova Scotia
Rogers, Jamie B., Nova Scotia
Russell, Randy B., Ontario
Sadler, Margot C., Nova Scotia
Saxon, Daniel A., New Brunswick
Sehmbey, Camille, Nova Scotia
Sharma, Sanjay, Nova Scotia
Shea, Dawn M., Prince Edward Island
Shears, Lisa J., Nova Scotia
Silver, Michael E., Nova Scotia
Singh, Sarbjit, Nova Scotia
Sodhi, Natasha N., Nova Scotia
Sutherland, Jeffrey W., Nova Scotia
Ta, Hien M., New Brunswick
Tooth, Derrick S., Nova Scotia
Unger, Sharon L., New Brunswick
Vats, Arun R., Nova Scotia
Vohra, Anita, Nova Scotia
Wentzell, Scott A., Nova Scotia
White, Darrell J., Nova Scotia
Wisniowski, Leo E., Quebec
Worster, Andrew S., New Brunswick
Yoon, Michael Y., Nova Scotia

Your enquiries are invited . . .

Dalhousie University
REGISTRAR'S OFFICE, Dalhousie University
Halifax, Nova Scotia B3H 4H6
(902) 424-2450