

*FACULTY OF MEDICINE*

# FACULTY OF MEDICINE

## SECTION CONTENTS

<b>Personnel</b> .....	285
<b>1 The Memorial University of Newfoundland Code</b> .....	294
<b>2 Background</b> .....	294
<b>3 Mission and Objectives of the Faculty of Medicine</b> .....	294
<b>4 Affiliated Teaching Sites</b> .....	295
<b>5 Description of Medical Training Program</b> .....	295
<b>6 Continuing Medical Education</b> .....	295
<b>7 Postgraduate Medical Training Programs</b> .....	295
7.1 Family Medicine .....	295
7.2 Residency Training Programs .....	295
7.3 Clinical Fellowships .....	296
7.4 Registration .....	296
7.5 Licensure in Newfoundland and Labrador .....	296
<b>8 Graduate Studies</b> .....	296
<b>9 Regulations for the Degree of Doctor of Medicine</b> .....	296
9.1 Admission to the Faculty of Medicine .....	296
9.2 Evaluation .....	297
9.3 Promotion .....	297
9.4 Curricular Requirements (M.D.) .....	298
<b>10 Course Descriptions</b> .....	298
10.1 Courses in the First and Second Year of Medical Studies .....	298
10.2 Courses in the Third and Fourth Year of Medical Studies .....	299
10.3 Courses Offered By the Faculty of Medicine for Non-Medical Students .....	299

*N.B. Designation "Clinical" indicates a part-time appointment.*

**Dean of Medicine**

Rourke, J.T.B., M.D. *Western*, CCFP(EM), MCISc(FM), FCFP

**Vice Dean**

Peters, S., M.D. *Memorial*, MPH *Dundee*, FRCPC

**Associate Dean for BioMedical Sciences**

Mearow, K.M., B.Sc., M.Sc. *Brock*, Ph.D. *McMaster*

**Associate Dean for Clinical Research**

Parfrey, P., M.B., B.Ch., M.D. *Cork*, M.R.C.P., FRCPC

**Associate Dean for Community Health and Humanities**

Mulay, S., B.Sc. *Delhi, India*, M.Sc., Ph.D. *McGill*

**Associate Dean for Research and Graduate Studies (Medicine)**

Moody-Corbett, F., B.Sc. *Dalhousie*, M.A. *New Brunswick*, M.Sc., Ph.D. *McGill*

**Assistant Dean for Admissions**

Parsons, W., M.D. *Memorial*, C.C.F.P.

**Assistant Dean for Continuing Medical Studies**

Burse, R.F., B.Sc., M.D. *Memorial*, FRCPC

**Assistant Dean for Post-Graduate Medical Education**

Samarasena, L.D.A., M.B., B.S. *Ceylon*, F.F.A.R.C.S. *Ireland*, FRCPC

**Assistant Dean for Student Affairs**

Harris, J.A., B.Sc., M.D., B.P.E. *Memorial*

**Assistant Dean for Undergraduate Medical Education**

Farrell, G., M.D. *Memorial*

**Director of Administrative Services**

Peddigrew, G., B.Comm. *Memorial*

**Manager, Academic Affairs**

Corbett, P., B.Voc.Ed. *Memorial*

**Manager, Human Resources**

Wooley, E., B.Comm.(Co-op) *Memorial*

**Division of BioMedical Sciences**

**Associate Dean**

Mearow, K.M., B.Sc., M.Sc. *Brock*, Ph.D. *McMaster*

**Professores Emeriti**

Allderdice, P., M.A. *Chicago*, M.S. *Utah*, Ph.D. *Montana*

Bieger, D., M.D., Ph.D. *Kiel*

Orr, J.C., B.Sc. *London*, Ph.D. *Glasgow*, A.R.C.S.

Tomlinson, J.D.W., M.A., M.B., B.Chir. *Cambridge*

**Honorary Research Professor**

Scott, T.M., B.Sc. *St. Andrews*, Ph.D. *Edinburgh*; Winner of the President's Award for Distinguished Teaching, 1995-1996

**Professor of Neuroscience and Anatomy**

McLean, J., B.Sc. *New Brunswick*, Ph.D. *Dalhousie*

**Professor of Anatomy**

Harris, J.A., B.Sc., B.Med. Sc., M.D., B.P.E. *Memorial*, Dip. Med.Ed. *Dundee*

**Associate Professor of Anatomy**

Chandra, S., M.B., B.S. *New Delhi*

**Professor of Neuro/Molecular Biology**

Mearow, K.M., B.Sc., M.Sc. *Brock*, Ph.D. *McMaster*

**Professor of Molecular Virology and Medicine (Hepatology)**

Michalak, T.I., M.D., Ph.D. *Warsaw*; Cross appointment to Laboratory Medicine

**Professor of Cell Sciences**

Green, R., B.Sc., Ph.D. *Birmingham*; Joint appointment with Genetics

**Assistant Professor of Molecular Signalling in Human Health & Disease**

Dorward, A.M., B.Sc., Ph.D. *McMaster*; Canada Research Tier II; Cross appointment to Genetics

**Professor of Immunology**

Grant, M., B.Sc., M.Sc. *British Columbia*, Ph.D. *McMaster*; Joint appointment with Laboratory Medicine

**Associate Professor of Immunology**

Drover, S., M.Sc., Ph.D. *Memorial*

**Assistant Professors of Immunology**

Hirasawa, K., Bc.D., Ph.D. *Tokyo*

Russell, R., M.Sc. *Memorial*, Ph.D. *McGill*

**Professor of Endocrinology**

Carayanniotis, G., B.Sc. *Patras*, Ph.D. *Toronto*; Joint appointment with Medicine

**Professors of Oncology**

Church, J., B.Sc.(Hons.) *Queen's*, M.Sc., Ph.D. *Toronto*

Gillespie, L.L., B.Sc., Ph.D. *Ottawa*

Kao, K.R., B.Sc., M.Sc., Ph.D. *Toronto*

Paterno, G.D., B.Sc., M.Sc. *Toronto*, Ph.D. *Ottawa*

**Associate Professor of Cancer/Cardiovascular Biology**

Gendron, R., B.Sc., Ph.D. *McGill*

**Associate Professor of Vascular Molecular Biology/Pediatric Cancers**

Paradis, H., B.Sc., Ph.D. *Montreal*

**Associate Professor of Cardiovascular Cellular and Molecular Physiology**

Stuyvers, B.D., B.Sc., M.Sc., Ph.D. *Bordeaux, France*

**Associate Professor of Cell Biology**

Doré, J., B.Sc. *UBC*, M.S. *Florida*, Ph.D. *Tennessee*

**Professor of Pharmacology**

Neuman, R., B.A. *San Francisco State*, Ph.D. *Alberta*

**Professor of Pharmacology (Cardiovascular)**

Tabrizchi, R., B.Sc.(Hons.) *Sunderland*, M.Sc., Ph.D. *British Columbia*

**Professor of Physiology (Neurosciences)**

Corbett, D., B.A. *Dalhousie*, M.Sc. *Memorial*, Ph.D. *Concordia*

**Professors of Physiology**

Hansen, P.A., B.Sc., M.S. *Akron*, Ph.D. *Memorial*; Winner of the

President's Award for Distinguished Teaching, 1990-1991

Moody-Corbett, F., B.Sc. *Dalhousie*, M.A. *New Brunswick*, M.Sc., Ph.D. *McGill*

McKay, D., B.Sc., M.S., Ph.D. *Michigan State*

**Associate Professor of Physiology**

Kibble, J.D., B.Sc., Ph.D. *Manchester*

**Assistant Professor of Cardiovascular Sciences**

McGuire, J.J., B.Sc.(Hons.), Ph.D. *Queen's University of Kingston*

**Associate Professor of Reproductive and Cell Biology/Physiology**

MacPhee, D., B.Sc.(Hons.) *Prince Edward Island*, Ph.D. *Western Ontario*

**Associate Professor of Neurosciences**

Hirasawa, M., Bc.D., Ph.D. *Tokyo*

**Assistant Professor of Neurosciences**

Vanderluit, J.L., B.A./BPHED *Ontario*, M.Sc. *Ottawa*, Ph.D. *British Columbia*

**Professors of Cardiovascular/Renal Physiology**

Smeda, J., B.Sc.(Hons.), M.Sc. *Brock*, Ph.D. *McMaster*

Van Vliet, B.N., B.Sc. *Toronto*, Ph.D. *Saskatchewan*

**Associate Professor (Biological Psychiatry)**

Chen, X., M.B. *China*, Ph.D. *Cambridge*; Joint appointment with Psychiatry

**Associate Professor of Surgery and BioMedical Science (Oncology Research)**

Richardson, V.J., B.Sc., Ph.D. *Sheffield*

**Joint Appointed with Medicine**

Vasdev, S.C., B.Sc., M.Sc., Ph.D., D.V.M. *Punjab*

**Cross Appointed from Biochemistry**

Brosnan, J.T., B.Sc.(Hons.), M.Sc. *National University of Ireland, D.Phil. Oxford*; University Research Professor, Awarded 1990; CIHR Senior Investigator  
 Brosnan, M.E., B.A.(Hons.), M.Sc., Ph.D. *Toronto*  
 Kaur, S., B.Sc. *Punjab, M.Sc. Punjab Agricultural, Ph.D. Post Graduate Institute of Medical Education and Research*

**Cross Appointed from Genetics**

Young, T., Ph.D. *Memorial*

**Cross Appointed from Medicine**

Kovacs, C., M.D., B.A. *Queen's, FRCPC*

**Cross Appointed from Pharmacy**

Liu, H., B.Sc., M.S. *Beijing, Ph.D. Alberta*  
 Weber, J., M.S. Pharm., Ph.D. *Medical College of Virginia*

**Cross Appointed from Psychology**

Harley, C.W., B.Sc., Ph.D. *Oregon*  
 Malsbury, C., B.A. *Northwestern, M.A., Ph.D. McGill*

**Adjunct Professors**

Mandal, S.K., M.Sc. *Banaras Hindu University, Ph.D. Calcutta University*  
 Mansour, A., B.V.Sc., M.V.Sc., Ph.D. *Cairo University, Egypt*  
 Ploughman, M., M.Sc., Ph.D. *Memorial*

**Clinical Sciences****Anesthesia****Associate Professor and Chair**

LeDez, K.M., M.B., Ch.B. *Dundee, FRCPC*

**Professor**

King, F.G., B.Sc., B.Med.Sc., M.D. *Memorial, FRCPC*

**Professor Emeritus**

Henderson, C.U., M.D., C.M. *Dalhousie, F.A.C.A., FRCPC, F.A.A.P.*

**Associate Professors of Anesthesia**

Jamieson, J.W., B.Sc., M.D. *Memorial, FRCPC*  
 Pridham, J.N., M.D. *Western Ontario, FRCPC*

**Assistant Professors of Anesthesia**

Bautista, M.J., B.Med.Sc., M.D. *Memorial, FRCPC*  
 Harris, J., B.Sc., M.D. *Memorial, FRCPC*  
 Howells, S., B.Sc., M.D. *Dalhousie, FRCPC*  
 Samarasena, L.D.A., M.B., B.S. *Ceylon, F.F.A.R.C.S. Ireland, FRCPC*  
 Zbitnew, G., B.Sc., M.D. *University of Alberta, FRCPC*

**Clinical Associate Professor of Anesthesia**

Kamra, C.P., M.B.B.S. *India, D.A., F.F.A.R.C.S. England, F.F.A.R.C.S. Ireland, FRCPC*

**Clinical Assistant Professors of Anesthesia**

Flynn, J.F., B.Sc., M.D. *Memorial, FRCPC*  
 Forward, R.G., B.Med.Sc., M.D. *Memorial FRCPC*  
 Noel, F.D., B.Sc., M.D. *Memorial, FRCPC*  
 O'Leary, S., M.D. *Memorial, FRCPC*  
 O'Regan, N., M.D. *Dalhousie, FRCPC*  
 Tucker, J.H., M.D. *Western Ontario, FRCPC*  
 Williams, J.T.L., B.Sc., M.D. *Dalhousie, FRCPC*

**Clinical Lecturers of Anesthesia**

Badrudin, N., M.B., B.S., LRCP, MRCS, F.F.A.R.C.S. *England*  
 Barrett, A., M.D. *Memorial, FRCPC*  
 Casey, A.P., B.Med.Sc., M.D. *Memorial, FRCPC*  
 Clarke, B.A., B.Sc., B.Med.Sc., M.D. *Memorial, FRCPC*  
 Cowan, G., B.Sc., M.D. *Memorial, FRCPC*  
 Daly, M., B.Sc., B. Med.Sc., M.D. *Memorial, FRCPC*  
 Gammal, A., B.Sc., M.D. *University of Alberta, FRCPC*  
 Lacey, D., B.Sc., B.Med.Sc., M.D. *Memorial, FRCPC*  
 Major, A.E., M.D. *Memorial, FRCPC*  
 Redmond, E.B., B.Sc., M.D. *Memorial, FRCPC*  
 Ridi, A., M.D., *Dalhousie, FRCPC*  
 Suppiah, N., M.B.B.S. *India, F.F.A.R.C.S. Ireland*  
 Sweeney, T., B.Sc., M.D. *Memorial, FRCPC*

**Family Medicine****Associate Professor and Chair**

Miller, R., M.D. *Western Ontario, C.C.F.P., F.C.F.P.*

**Professors of Family Medicine**

Bethune, C., M.D. *McMaster, C.C.F.P., F.C.F.P., M.Cl.Sc. Western Ontario*; Cross appointment to Counselling Center  
 Robbins, C., B.Sc., M.B.A. *Memorial, M.D. Dalhousie, C.C.F.P., F.C.F.P.*  
 Rourke, J.T.B., M.D. *Western, CCFP(EM), MCISc(FM), FCFP*  
 Worrall, G., B.Sc., M.B.B.S. *University of London, England, MRCS, MRCGP, C.C.F.P., M.Sc. McMaster*

**Associate Professors of Family Medicine**

Butler, R., B.Sc., M.D. *Memorial, C.C.F.P., F.C.F.P.*  
 Duke, P., B.Med.Sc., M.D. *Memorial, C.C.F.P., F.C.F.P.*  
 Eaton, W.H., M.D. *Memorial, C.C.F.P.*  
 Farrell, G., M.D. *Memorial*  
 Godwin, M., B.Med.Sc., M.D. *Memorial, M.Sc. Queen's, C.C.F.P., F.C.F.P.*  
 Jong, M., M.B.B.S. *Malaya, M.R.C.P. U.K., C.C.F.P., F.C.F.P.*  
 MacDonald, S.M., B.Sc.N., M.D. *McMaster, C.C.F.P.*; Joint appointment with Medicine  
 Moffatt, S.M., B.Sc. *Acadia, B.A. New Brunswick, M.D. Memorial, C.C.F.P., F.C.F.P.*  
 O'Maonaigh, C., M.B., B.Ch., B.A.O., M.P.H. *Ireland, C.C.F.P., M/CGP*  
 Parsons, E., B.Med.Sc., M.D. *Memorial, C.C.F.P., F.C.F.P., Dip. Sport Med.*  
 Parsons, W., M.D. *Memorial, C.C.F.P.*  
 Ravalia, M., L.R.C.P.(Ed.) *Zimbabwe, C.C.F.P.*  
 Rourke, L., M.D. *Western, C.C.F.P., F.C.F.P., M.Clin.Sc.*  
 Tarrant, G.M., B.Med.Sc., M.D. *Memorial, C.C.F.P., F.C.F.P., C.G.P.P., Fellowship in Psychotherapy Toronto*; Cross appointment to Psychiatry

**Assistant Professors of Family Medicine**

Aubrey-Bassler, K., B.A.(Hons.), M.Sc. *Western Ontario, M.D. Ottawa*  
 Broderick, V., M.D. *Memorial, C.C.F.P.*  
 Brown, G., B.Sc., M.D. *Memorial, C.C.F.P.-E.M.*  
 Duggan, N., M.D. *Memorial, C.C.F.P.*  
 Flynn, H., M.D. *Memorial, C.C.F.P.*  
 Graham, W., M.D. *Memorial, C.C.F.P.*  
 Morgan, D., M.D. *Memorial, C.C.F.P.-E.M.*  
 Sherman, G.P., B.A. *Cleveland, M.D. McGill, C.C.F.P.*  
 Snow, P., M.D., B.N. *Memorial, C.C.F.P.*

**Clinical Associate Professors of Family Medicine**

Costello, T., M.D. *Memorial, C.C.F.P., F.C.F.P.*  
 Hall, J., M.Sc., M.D. *Memorial, C.C.F.P.*  
 St. Croix, E., M.D. *Memorial, F.C.F.P.*

**Clinical Assistant Professors of Family Medicine**

Barrowman, B., M.D. *Memorial, C.C.F.P.*  
 Battcock, N., B.Sc., M.D. *Memorial, C.C.F.P.*  
 Bautista, E., B.Sc. *Memorial, M.D. Dalhousie, C.C.F.P.*  
 Bennett, E., B.Sc., B.Ed., M.D. *Memorial, C.C.F.P.*  
 Bowen, J., M.D. *Ottawa*  
 Campbell, J., B.Sc. *Victoria, M.D. Memorial, C.C.F.P.(E.M.), M.Cl.Sc.*  
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 Carlos, M.A., B.Sc., M.D. *Dalhousie*  
 Comben, S., B.Sc., M.D. *Memorial, C.C.F.P.(E.M.)*  
 Davies, C., M.B., B.Ch., *BAD Dublin, C.C.F.P., F.C.F.P.*  
 Doulton, B., B.Sc. *Queen's, M.D. Calgary, C.C.F.P.*  
 Dufour, K., B.Sc., M.D. *Dalhousie, C.C.F.P., Virginia*  
 Elliott, J., B.N., M.D., C.C.F.P. *Memorial*  
 Forsey, R., B.Sc., B.Med.Sc., M.D. *Memorial, C.C.F.P.*  
 Francis, M., B.Sc., M.B. ChB. *Leeds (UK)*  
 Gillis, L., B.Sc., B.Med.Sc., M.D. *Memorial*  
 Goodridge, M., M.D. *Memorial, C.C.F.P.*  
 Hall-Losier, S., B.Sc. *London, ON, M.D. Dalhousie*  
 Hatcher, L., M.D. *Memorial, C.C.F.P.*  
 Hewitt, D., B.Sc. *McMaster, M.D. Ontario, C.C.F.P.*  
 Hicks, F., B.Sc., M.D. *Memorial, C.C.F.P.*  
 Howell, O., M.Sc. *McGill, B.Med.Sc., M.D. Memorial, C.C.B.O.M.*  
 Hudson, C., M.D. *Memorial, C.C.F.P.*  
 Humes, R.T., B.Sc., M.D. *Memorial, C.C.F.P.(E.M.)*  
 Karaivanov, Y., M.D. *Sofia Medical University Bulgaria, C.C.F.P.*  
 Lee, N., B.Med.Sc., M.D. *Memorial, C.C.F.P.(E.M.)*  
 Lisztwan, M., B.Sc., M.D. *Alberta, C.C.F.P.(E.M.)*  
 MacDonald, G., M.D. *Dalhousie, C.C.F.P.*  
 Moulton, W., M.D. *Memorial*  
 Murphy, K., B.Sc., M.D. *Memorial, C.C.F.P.(E.M.)*  
 O'Keefe, D., M.D. *Memorial*

O'Shea, P.M., B.Sc. *St. Francis Xavier*, M.D. *Queen's*, C.C.F.P., F.C.F.P.

Parsons, M., B.Sc., M.D. *Memorial*, C.C.F.P.

Paul, A., M.D. *Memorial*

Perley, M., M.D. *Dalhousie*, C.C.F.P.

Pollock, C., B.Sc., M.D. *Memorial*, C.C.F.P.(E.M.)

Powell, L., B.Sc., M.Sc., M.D. *Memorial*

Ralph, S., B.Sc., M.D. *Memorial*

Renouf, T., M.D. *Memorial*, C.C.F.P.-E.M.

Rogers, P., B.Sc., M.D. *Memorial*, C.C.F.P.(E.M.)

Ross, P., B.Sc. *U.N.B.*, M.D. *Memorial*, C.C.F.P.

Silver, K., B.Sc., M.D. *Dalhousie*, C.C.F.P., F.C.P.C.

Sparrow, C., M.D. *Memorial*, C.C.F.P., F.C.F.P.

Squires, T., B.Med.Sc., M.D. *Memorial*, C.C.F.P.

Sullivan, S., B.Sc.(Hons.), M.D. *Memorial*

Taor, R., M.R.C.P., L.R.C.S. *England*, F.R.C.S.

Telfer, C., M.D. *Memorial*

Tulk, C., M.D. *Memorial*

White, J., B.Med.Sc., M.D. *Memorial*, C.C.F.P.

Wilson, S. M.D. *Memorial*

Young, M., B.Sc., B.M.Sc., M.D. *Memorial*, C.C.F.P.

#### Clinical Lecturers of Family Medicine

Bannister, E., M.D. *Memorial*

Barter, R., M.D. *Dublin*, R.C.S., L.R.C.P.S.I.

Blagrave, D., M.D. *Dalhousie*

Brewer, J., M.D. *Ottawa*, C.C.F.P.

Brewer, M., M.D. *Dalhousie*, C.C.F.P.

Brien, D., B.Sc., M.D. *Dalhousie*, C.C.F.P.

Button, L., M.D. *Dalhousie*, C.C.F.P., F.C.F.P.

Callahan, P., M.D. *Memorial*, C.C.F.P.

Comeau, L., B.Sc., B.Ed., M.D. *Dalhousie*, C.C.F.P.

Craig, B., B.Sc., M.D. *Dalhousie*

Crocker, P., M.D. *Memorial*, C.C.F.P.

Cutler, M., M.D. *Memorial*, C.C.F.P.

Darcy, S., M.D. *Memorial*, C.C.F.P.

Fitzgerald, C., B.A., M.D. *McMaster*, C.C.F.P.

Francis, S.L., B.ArtsSci., M.D. *McMaster*, C.C.F.P.

Goodfellow, M., B.Sc. *St. Dunstan's*, M.D. *Dalhousie*, C.C.F.P.

Grandy, B., M.D. *Memorial*, C.C.F.P.

Higgins, G.A., B.Sc., B.Med.Sc., M.D. *Memorial*, C.C.F.P.

Horwood, K., M.D. *Memorial*, C.C.F.P.

Irfan, M., M.B.B.S. *Sri Lanka*, C.C.F.P.

Jardine, F., M.D. *Memorial*, C.C.F.P.

King, J.F., B.Sc., B.Med.Sc., M.D. *Memorial*, C.C.F.P.

Laurie, A., M.R.C.S., L.R.C.P., D.C.H. *United Kingdom*, C.C.F.P.

Lemire, F., M.D., C.M. *McGill*, C.C.F.P.

MacLeod, S., B.Sc., M.D. *Memorial*, C.C.F.P.

McComiskey, A., M.D. *Ireland*

Mercer, G., M.D. *Memorial*, C.C.F.P.

O'Keefe, M., B.Sc., M.D. *Toronto*, C.C.F.P.

Oldford, J., B.A., M.S.W. *Toronto*

Pearce, B., M.D. *Memorial*

Penney, C., MB, BS *London*

Power, L., M.D. *Memorial*, C.C.F.P.

Rashleigh, D., M.D. *Queen's*

Stevenson, R., M.D. *Memorial*

Verge, J., M.D. *Memorial*, C.C.F.P.

Woolfrey, J., M.D. *Memorial*, C.C.F.P.

Zigante, N., M.D. *Memorial*, C.C.F.P.

#### Cross Appointed from Counselling Center

Cornish, P., B.Sc., M.A., Ph.D. *Saskatchewan*

Doyle, M., B.Sc.(Hons.) *Memorial*, Med.Ed.D. *Toronto*

Hurley, G., B.A. *Colorado College*, M.Sc., Ph.D. *Missouri*

#### Professional Associate

Cahill, D., Nurse Practitioner; Cross appointed by School of Pharmacy

#### Genetics

##### Professor and Chair

Younghusband, H.B., B.Sc., M.Sc. *Carleton*, Ph.D. *ANU*

##### Professors of Genetics

Green, J., M.Sc. *British Columbia*, Ph.D. *Memorial*

Green, R., B.Sc., Ph.D. *Birmingham*

##### Associate Professors of Genetics

Fernandez, B., M.D. *Memorial*, FRCPC *University of Toronto*, FCCMG

Sun, G., M.D. *CMU China*, Ph.D. *Hiroaki U Japan*

#### Assistant Professors of Genetics

Savas, S., B.Sc., M.Sc., Ph.D. *Bogazici, Turkey*

Turner, L., M.D. *Memorial*, FRCPC, FCCMG

Woods, M., B.Sc., Ph.D. *Memorial*

Young, T., B.Sc.(Hons.), Ph.D. *Memorial*

#### Adjunct Professors of Genetics

Bassett, A., B.Sc., M.D. *British Columbia*, FRCPC

Ives, E.J., M.B., Ch.B. *Glasgow*, DCH *London*, MS *Michigan*, FRCPC

#### Cross Appointed from Laboratory Medicine

Han, F-Y, M.D. *Henan*, FCCMG *McGill*

Randell, E.W., Ph.D. *Memorial*, DCC, FCACP *Toronto*

Xie, Y.G., M.D. *Henan*, Dr.Med. *Zurich*, FCCMG *Queen's*

#### Cross Appointed from BioMedical Sciences

Dorward, A.M., B.Sc., Ph.D. *McMaster*, Canada Research Tier II

#### Medicine

##### Professor Emeritus

Pryse-Phillips, W.E.M., M.D. *London*, M.R.C.P., FRCPC, Neuro., M.R.C. Psych., F.R.C.P.

##### Professors of Medicine

Carayanniotis, G., B.Sc. *Patras*, Ph.D. *Toronto*; Joint appointment with BioMedical Sciences

Peters, S., M.D. *Memorial*, MPH *Dundee*, FRCPC

##### Professor of Medicine (Biochemistry)

Vasdev, S.C., B.Sc., M.Sc., Ph.D., D.V.M. *Punjab*; Cross appointment to BioMedical Sciences

##### Professor of Medicine (Cardiology)

Sussex, B.A., M.B.B.S. *Melbourne*, M.Sc. *Alberta*, FRCPC

##### Professor of Medicine (Endocrinology)

Kovacs, C.S., M.D., B.A. *Queen's*, FRCPC; Cross appointment to Obstetrics & Gynecology; Winner of the President's Award for Outstanding Research, 2002-2003

##### Professor of Medicine (Geriatrics)

Sclater, A., B.Sc. *Waterloo*, M.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC

##### Professor of Medicine (Gastroenterology)

Fardy, J.M., B.Med.Sc., M.D. *Memorial*, M.Sc. *Western Ontario*, FRCPC

##### Professors of Medicine (Nephrology)

Barrett, B.J., M.B., B.Ch., B.A.O. *Cork*, M.Sc., FRCPC

Harnett, J., M.B., B.Ch., B.A.O. *Cork*, F.R.C.P.I., FRCPC

Parfrey, P., M.B., B.Ch., M.D. *Cork*, M.R.C.P., FRCPC; University Research Professor, Awarded 1995

##### Professors of Medicines (Neurology)

Goodridge, A.E., M.D. *Memorial*, FRCPC; Winner of the President's Award for Distinguished Teaching, 1998

Ogunyemi, A.O., M.B., B.S. *Lagos*, FRCPC

##### Professor of Medicine (Respirology)

Edstrom, H.W., M.D. *Dalhousie*, M.Sc. *Manitoba*, F.C.C.P., F.A.C.P., FRCPC

##### Professor of Medicine (Rheumatology)

Rahman, P., M.D. *Memorial*, M.Sc. *Toronto*, FRCPC; Winner of the President's Award for Outstanding Research, 2003-2004

##### Professor of Medicine and Therapeutics (Part-time)

Ingram, D.W., M.B., B.Ch., B.A.O. *Queen's University, Belfast*, M.S.(Med.) *Minnesota*, M.C.F.P.(Honorary), F.R.C.P.(C), F.A.C.P.

##### Associate Professor of Medicine (Cardiology)

Connors, S., D.Phil. *Oxford*, M.D. *Memorial*, FRCPC

##### Associate Professors of Medicine (Endocrinology)

Galway, A.B., B.Med.Sc., M.D. *Memorial*, FRCPC; Cross appointment to Obstetrics & Gynecology

Joyce, C.J., M.D. *Dalhousie*, FRCPC; Cross appointment to Obstetrics & Gynecology

##### Associate Professors of Medicine (Gastroenterology)

Borgaonkar, M., B.Sc., M.D. *Memorial*, FRCPC

Burse, F., B.Sc., M.D. *Memorial*, FRCPC

**Associate Professors of Medicine (Hematology)**

Grewal, K.S., B.Med.Sc., M.D. M.Sc. *Memorial*, FRCPC  
 Scully, M.F., M.B., B.A.O., B.Ch. *Dublin*, F.R.C.P.I., FRCPC

**Associate Professor of Medicine (Medical Oncology)**

Laing, K., B.Med.Sc., M.D. *Memorial*, FRCPC

**Associate Professors of Medicine (Nephrology)**

Murphy, S., B.Sc. *St. Francis Xavier*, B.Med.Sc., M.D. *Memorial*, FRCPC  
 Paul, M., M.D. *Toronto*, FRCPC

**Associate Professors of Medicine (Respirology)**

Clarke, H., B.Sc. *Memorial*, M.D., C.M. *McGill*, FRCPC  
 Fox, G.A., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC

**Associate Professor of Medicine (Rheumatology)**

Hamilton, S.F., M.D. *Memorial*, FRCPC

**Associate Professor of Medicine & Genetics**

Fernandez, B., M.D. *Memorial*, FRCPC, FCCMG

**Associate Professor of Medicine and Family Medicine**

MacDonald, S.M., B.Sc.N., M.D. *McMaster*, C.C.F.P.

**Associate Professor of Medicine & Pathology**

Whitman, L.A., B.Sc. *McGill*, M.D. *Memorial*, FRCPC

**Associate Professor of Nursing and Medicine**

Way, C., B.N., B.A. *Memorial*, M.Sc.(A) *McGill*, Ph.D. *Virginia*

**Assistant Professors of Medicine**

Berman, M.I., M.B., B.Ch. *South Africa*, FRC(SA)  
 Iqbal, S.J., B.Sc., M.B., B.S. *Rawalpindi Medical College*, M.Sc. *Memorial*, FRCPC, ABIM

**Associate Professor of Medicine**

Mugford, G., B.Sc., Ph.D. *Memorial*

**Assistant Professor of Medicine (Critical Care)**

Bandrauk, N.A., M.D., C.M. *McGill*, FRCPC, ABIM

**Assistant Professor of Medicine (Endocrinology)**

Chandurkar, V., M.B., B.S. *Bombay*, ABIM, ABEM

**Assistant Professors of Medicine (Emergency Medicine)**

Baggs, D., M.Sc., M.D. *Memorial*, FRCPC  
 Seviour, C., B.Sc., M.D. *Memorial*, FRCPC

**Assistant Professors of Medicine (Gastroenterology)**

Leonard, J.R., B.Sc., M.D. *Memorial*, FRCPC  
 McGrath, J.S., B.Sc., M.D. *Memorial*, FRCPC

**Assistant Professors of Medicine (Hematology)**

Tay, J., B.A., M.B., B.Ch., B.A.O. *Trinity*, FRCPC  
 Tompkins, K.A., B.Med.Sc., M.D. *Memorial*, FRCPC

**Assistant Professors of Medicine (Infectious Diseases)**

Bader, M., M.D. *Istanbul*, MPH *Kansas City*, ABIM  
 Nguyen, C., B.Sc., M.Sc., M.D. *Toronto*, FRCPC

**Assistant Professors of Medicine (Neurology)**

Eustace, M.L., B.Sc., M.D. *Memorial*, FRCPC  
 Stefanelli, M., B.Sc., M.D. *British Columbia*, FRCPC

**Assistant Professors of Medicine (Nephrology)**

Curtis, B.M., B.Sc. *McGill*, B.Med.Sc., M.D. *Memorial*, FRCPC  
 Shik, J., B.Sc., M.D. *Toronto*, FRCPC

**Assistant Professor of Medicine (Respirology)**

Anwar, M.A.Q., M.B., B.S. *Rawalpindi Medical College*, ABIM, ABPM

**Assistant Professor of Nursing and Medicine**

Twells, L., B.A. *Memorial*, M.Sc. *London*, Ph.D. *Memorial*

**Clinical Professor (Part-time)**

Bowmer, M.I., B.Sc., M.D., C.M. *McGill*, FRCPC

**Clinical Professors of Medicine**

Duguid, N., B.S., M.B., Ch.B. *Edinburgh*, M.R.C.P. (U.K.), FRCPC  
 Handa, S.P., MB, B.S. *Punjab*, FRCPC, DABIM, FACP, DABN  
 Khanna, V., M.B., B.S. *Grant Medical College*, FRCPC  
 Young, R.W., M.D., C.M. *Dalhousie*, FRCPC

**Clinical Professor of Medicine (Dermatology)**

Gulliver, W.P., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC

**Clinical Professor of Medicine (Haematology) (Part-time)**

Adams, G.B., M.D. *McGill*, FRCPC

**Clinical Professor of Medicine (Neurology)**

Jacob, J.C., M.B., B.S. *Vellore*, FRCPC

**Clinical Associate Professors of Medicine**

Corbett, B.N., B.Sc., B.Med.Sc., M.D. *Manitoba*, FRCPC  
 Ganguly, P.K., M.B., B.S. *Calcutta*, D.M.R.T. *London*, F.F.R., R.C.S.I.

Joshi, P.J., B.Sc., M.D. *Manchester*, ABIM, FRCPC

MacCallum, G.C., M.D. *Dalhousie*, FRCPC

Rose, B.F., B.Med.Sc., M.D. *Memorial*, FRCPC

Stone, E., B.Sc., M.D. *Memorial*, FRCPC

**Clinical Associate Professors of Medicine (Cardiology)**

Bewick, D.J., B.Sc., M.D. *Dalhousie*, FRCPC

Marr, D.R., B.A. *New Brunswick*, M.D. *Dalhousie*, FRCPC

Williams, A., B.Med.Sc., M.D. *Memorial*, FRCPC

**Clinical Associate Professor of Medicine (Geriatrics)**

Jarrett, P.G., B.Sc., M.D. *Dalhousie*, FRCPC

**Clinical Associate Professor of Medicine (Gastroenterology)**

Cockeram, A.W., B.Sc., M.D. *Calgary*, FRCPC, ABIM, ABG

**Clinical Associate Professors of Medicine (Rheumatology)**

Grant, E., B.Sc., M.D. *Dalhousie*, FRCPC

Khraishi, M., M.B., B.Ch. *Cairo*, M.D. *Memorial*, FRCPC

**Clinical Assistant Professors of Medicine**

Al-Karain, M.Y., M.B., B.S. *Jordan*, ABIM, FRCPC

Anandaakrishnan, C., M.B., B.S. *Caylon*, Dip.Derm. *London (U.K.)*, M.R.C.P. (U.K.)

Assi, H.I., M.D. *Lebanese University*, *Lebanon*

Atalla, N.G., M.B., B.Ch. *Cairo*

Azher, T., M.B., B.S. *Allama Iqbalqal*, MRCPI, CSCST, FCCP

Baer, C., B.Sc.(Hons.) *McGill*, M.D. *Ottawa*, FRCPC, ABIM

Bailey, P.A.B., B.Sc., M.D. *Saskatchewan*, FRCPC, DABPN

Borgaonkar, R.D., M.B., B.S. *India*, FRCPC

Costain, G.A., B.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC

Desai, D.K., M.B., Ch.B. *University of Natal*, FCP (SA)

Docherty, P.S., B.Sc., M.D. *Western Ontario*, ABIM, FRCPC

Dolan, S.P., B.Sc. *New Brunswick*, B.Med.Sc., M.D. *Memorial*, FRCPC, ABIM

Dow, G.C.K., B.Sc. *New Brunswick*, M.D. *Dalhousie*, M.Sc.

*Manitoba*, FRCPC

El-Zubeidi, W., B.Sc.(Hons.) *Laurentian*, M.Sc., M.D. *Montserrat*

Furlong, M.B., B.Sc. *Dalhousie*, M.D. *Memorial*, FRCPC

Graham, J.D., M.D. *Toronto*, FRCPC

Hannaford, M., B.Sc., M.D. *Memorial*, FRCPC

Hiscock, J.G., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC

Kemp, K.M., B.Sc. *New Brunswick*, M.D. *Western Ontario*, ABIM, FRCPC

Landells, I.D.R., B.Med.Sc., M.D. *Memorial*, FRCPC

Lightfoot, P.D., B.A., M.D. *Dalhousie*, FRCPC

Lush, R.B., M.D. *Memorial*, FRCPC

MacLean, G.L., M.D. *Dalhousie*

MacSween, M.C., B.Sc.(Hons.), M.D. *Dalhousie*, FRCPC

McAvinue, T.G., M.B., Ch.B. *Glasgow*, M.D. *Memorial*, FRCPC

Markanday, A., M.D. *New York*, ABIM

McCarthy, J., B.Sc., M.D. *Memorial*, FRCPC

Mukherji, A., M.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC

O'Brien, M.H., B.Sc. *Ireland*, M.B., B.A.O., B.Ch. *Cork*, FRCPC

Raju, M.R., B.Sc. *Dalhousie*, M.B., B.S. *Mysore*, FRCPC

Reddy, S.B., M.D. *Memorial*, FRCPC

Rorke, S.C., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC

Rubin, S.H., M.D. *Dalhousie*, FRCPC

Sekhar, H.B.C., B.Sc., M.B., B.S., M.D. *India*, M.R.C.P. *United Kingdom*, FRCPC

Shaikh, A., M.D. *Mumbai*, *India*, ABIM

Sheridan, J.J., M.B., B.A.O., B.Ch. *Dublin*, M.R.C.P.I., FRCPC

Siddiqui, J.Z., M.B., B.S. *Pakistan*

Tavenor, T., B.Med.Sc., M.D. *Memorial*, FRCPC

Toal, S.C., M.B., B.S., M.D. *Nagpur*, *India*, D.N.B. *Mumbai*, *India*

Tong, A., M.B., B.S. *Hong Kong*, FRCPC

Trahey, J., B.Med.Sc., M.D. *Memorial*

Trudeau, C.M., B.Sc. *Dijon*, *France*, FRCPC

Vasiliiu, I.M.D., M.D. *Bucharest*, ABIM

**Clinical Assistant Professors of Medicine (Cardiology)**

Bessoudo, R., M.D. *Mexico*, FRCPC, FACC, FACP  
 Douglas, J.G., B.Sc. *King's College*, M.D. *Dalhousie*, FRCPC  
 Fagan, S., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC  
 Lutchmedial, S.R., B.A. *Queens*, M.D., C.M. *McGill*, FRCPC  
 Paddock, V., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC  
 Pearce, N., B.Sc., M.D., M.Sc. *Memorial*, FRCPC  
 Teskey, R., B.Sc., *Carlton*, M.D. *Ottawa*, FRCPC

**Clinical Assistant Professor of Medicine (Critical Care)**

Engfield, E., B.Sc.(Hons.), M.D. *British Columbia*, FRCPC  
 West, P.H.F., B.Sc., M.D. *Dalhousie*, FRCPC

**Clinical Assistant Professors (Dermatology)**

Baxter, K.L., B.N., B.Sc. *Dalhousie*, B.Sc. *New Brunswick*,  
 B.Med.Sc., M.D. *Memorial*, FRCPC, ABD  
 Brown-Maher, T., B.Sc., M.D. *Memorial*, FRCPC, ABD  
 Hayes, R., B.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC  
 Keeling, D.N., B.Sc. *New Brunswick*, M.D. *Dalhousie*, CCFP,  
 FRCPC, FABD  
 Ohson, K., M.B., B.S. *Bombay*, M.D. *Memorial*, FRCPC  
 Tomi, Z., M.B., B.Ch. *Alfata*, M.R.C.P.(UK), FRCPC  
 Teskey, R., B.Sc. *Carlton*, M.D. *Ottawa*, FRCPC

**Clinical Assistant Professor of Medicine (Endocrinology)**

Dornan, J.M., B.Med.Sc., M.D. *Memorial*, FRCPC

**Clinical Assistant Professors of Medicine (Gastroenterology)**

Beaudin, D.J., B.A. *Loyola College*, M.D., C.M. *McGill*, FRCPC  
 Emenau, P.L., B.Sc., M.D. *Dalhousie*, FRCPC  
 Schweiger, F., B.Sc.(Hons.) *Windsor*, M.D. *Toronto*, FRCPC,  
 ABIM, FACP, FACP

**Clinical Assistant Professors of Medicine (Geriatrics)**

MacDonald, E., B.Sc., M.D. *Dalhousie*, FRCPC  
 MacNeil, D., B.Sc.(Hons.) *Dalhousie*, M.Sc., Ph.D., M.D. *Alberta*,  
 FRCPC

**Clinical Assistant Professor of Medicine (Infectious Diseases)**

Thompson, B., B.A. *Toronto*, B.Sc.(Hons.), M.D. *Western Ontario*,  
 FRCPC

**Clinical Assistant Professors of Medicine (Medical Oncology)**

Ahmed, C.E., M.B., B.S. *Quaid-i-Azam*, ABIM, ABMO  
 Zulfiqar, A., M.B., B.S. *Nishtar Medical College*, B.Sc. *Bahauddin*  
*Zakariya University*, A.B.I.M.

**Clinical Assistant Professors of Medicine (Nephrology)**

Anees, I., M.B., B.S. *Fatima Jinnah*, ABIM, ABN  
 Gogan, N., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC  
 MacKinnon, M., B.Sc.(Hons.), M.Sc., M.D. *Dalhousie*, FRCPC  
 Pike, A.P., B.Sc. *McGill*, M.D. *Memorial*, FRCPC  
 Pippy, C., B.Sc. *McGill*, M.D. *Dalhousie*, FRCPC  
 Sohi, P.S., B.Sc., B.A.Sc. *Ottawa*, M.A.Sc. *Waterloo*, M.D., C.M.  
*McGill*, FRCPC

**Clinical Assistant Professors of Medicine (Neurology)**

Hoppe, B.J., M.D., Ph.D. *Warsaw*  
 Mumtaz, S., M.B., B.S. *Dow Medical College*, A.B.P.N.  
 Scott, J.L., B.Sc., M.D. *Memorial*, FRCPC  
 Woolridge, D., B.Sc. *Dalhousie*, M.D. *Memorial*, FRCPC

**Clinical Assistant Professor of Medicine (Physical Medicine & Rehabilitation)**

Forgeron, P., B.Sc.(Hons.) *Dalhousie*, M. Sc. *Queen's*, M.D.  
*Memorial*, FRCPC  
 Reid, P.H., B.Sc. *Memorial*, M.D. *Dalhousie*, MRCPC  
 Woolfrey, P., B.Sc. *Acadia*, B.Ed., B.Med.Sc., M.D. *Memorial*,  
 FRCPC

**Clinical Assistant Professors of Medicine (Radiation Oncology)**

Greenland, J., B.Med.Sc., M.D. *Memorial*, FRCPC  
 Norman, A., B.Sc., B.Ed. *Winnipeg*, B.M.Sc., M.D. *Manitoba*,  
 FRCPC  
 Tompkins, B., B.Sc., M.D. *Memorial*, FRCPC

**Clinical Assistant Professors of Medicine (Respirology)**

Bishop, G.W., B.Sc. *Prince Edward Island*, M.D. *Waterloo*, FRCPC  
 Joshi, P.C., M.B., B.S. *Grants Medical College*, M.Sc. *Jefferson*  
*Medical College*, FRCPC, ABIM

**Clinical Assistant Professors of Medicine (Rheumatology)**

Sadowska, E.D., M.D. *Bialystok*, FRCPC

Setty, Y.N., M.B., B.S. *Mysore*, ABIM, ABR

**Clinical Lecturers of Medicine**

Barry, C.A., B.Sc. *Western Ontario*, M.D. *Memorial*, FRCPC  
 Boodhun, M.S., M.B., B.S. *Karachi*  
 Fong, P.M., B.Sc., M.D. *Dalhousie*, FRCPC  
 Furey, M.U., M.D. *Memorial*, FRCPC  
 Searles, G.R., B.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC

**Obstetrics & Gynecology****Associate Professor and Chair**

O'Grady, T.F., M.D. *Memorial*, FRCSC

**Professor of Obstetrics & Gynecology**

Crane, J.M., M.D. *Memorial*, FRCSC; Winner of the President's  
 Award for Outstanding Research, 2004-2005

**Honorary Research Professor**

Walley, R.L., M.B., B.S. *London*, M.P.H. *Harvard*, L.R.C.P.,  
 F.R.C.O.G., FRCSC

**Associate Professors of Obstetrics & Gynecology**

Gill, A., M.B., B.S. *India*, FRCSC, FACOG  
 Popadiuk, C., M.D. *Toronto*, FRCSC

**Assistant Professors of Obstetrics & Gynecology**

Bajzak, K., M.D. *Memorial*, FRCSC, FACOG  
 Dawson, L., M.D. *Memorial*, FRCSC  
 Delaney, T., M.D. *Memorial*, FRCSC  
 Healey, S., M.D. *Memorial*, FRCSC  
 Kum, F., M.D. *Ireland*, FRCSC, DABOG  
 Power, P., M.D. *Memorial*, FRCSC  
 Strand, T., M.D. *Alberta*, FRCSC

**Cross Appointed from Medicine**

Kovacs, C.S., M.D. *Queen's*, FRCPC; Winner of the President's  
 Award for Outstanding Research, 2002-2003

**Clinical Associate Professors of Obstetrics and Gynecology**

Bartellas, E., M.D. *Israel*, FRCSC

**Clinical Assistant Professors of Obstetrics & Gynecology**

Bernadin, J., M.D. *Montreal*, FRCSC  
 Brown, K., M.D. *Memorial*, FRCSC  
 Cook, C., M.D. *Memorial*, FRCSC  
 Desrosiers, K., M.D. *Sherbrooke*, FRCSC  
 Gillespie, K., M.D. *Dalhousie*, FRCSC  
 Healey, C., M.D. *London*, FRCSC  
 Howse, E., M.D. *Memorial*, FRCSC  
 Kennedy, R., M.D. *Memorial*, FRCSC  
 Kogan, D., M.D. *Autonomous*, FRCSC  
 Kravitz, H., B.A., B.S., M.A. *Penn.*, M.D. *Memorial*, FRCSC  
 LeBlanc, C., M.D. *Montreal*, FRCSC  
 Lord, H., M.D. *West Indies*, FRCSC  
 Murphy-Kaulbeck, L., M.D. *McMaster*, FRCSC  
 Ojuawo, A., M.D. *Obafemi Awolowo*, FRCSC  
 Parsons, S., M.D. *Memorial*, FRCSC  
 Reardon, E., M.D. *Dalhousie*, FRCSC  
 Sanderson, F., M.D. *McMaster*, FRCSC  
 White, J., M.D. *Memorial*, FRCSC

**Clinical Lecturers of Obstetrics & Gynecology**

Colford, D., M.D. *Dalhousie*, FRCSC  
 Patterson, L., M.D. *Dalhousie*, FRCSC  
 Pike, C., M.D. *Memorial*, FRCSC

**Laboratory Medicine****Chair and Professor of Laboratory Medicine (Forensic)**

Avis, S., B.Med.Sc., M.D. *Memorial*, FRCPC

**Associate Professor of Medicine & Laboratory Medicine (Hematology)**

Whitman, L.A., B.Sc. *McGill*, M.D. *Memorial*, FRCPC

**Associate Professor of Laboratory Medicine (Pathology)**

Morris-Larkin, C., M.D. *Memorial*, FRCPC

**Cross Appointed from BioMedical Sciences**

Michalak, T.I., M.D., Ph.D. *Warsaw*

**Professor of Laboratory Medicine (Immunology)**

Grant, M., B.Sc., M.Sc. *British Columbia*, Ph.D. *McMaster*

**Professor of Laboratory Medicine (Medical Microbiology)**Hutchinson, J.M., B.Sc., M.D. *Alberta*, FRCPC**Associate Professor Laboratory Medicine (Biochemistry)**Randell, E.W., Ph.D. *Memorial*, DCC, FCACB *Toronto***Associate Professor of Laboratory Medicine (Molecular Genetics)**Xie, Y.G., M.D. *Henan*, FCCMG *Queen's*, Dr.Med. *Zurich***Assistant Professor of Laboratory Medicine (Cytogenetics)**Han, F.Y., M.D. *Henan*, FCCMG *McGill***Assistant Professors of Laboratory Medicine**Fontaine, D., B.Sc. *U.N.B.*, M.D. *Memorial*Makretsov, N., M.D. *Far Eastern State Medical, Khabarovsk, Russian Federation*, Ph.D. *N.N. Blokhim Cancer Research Centre of Academy of Medical Sciences, Moscow, Russian Federation*, FRCPCPirzada, A., F.Sc., H.Sc., M.D. *Karachi***Clinical Associate Professor of Laboratory Medicine**Pushpanathan, C., M.B., B.S. *India*, FRCPC**Assistant Professor of Laboratory Medicine (Neuropathology)**Barron, J., M.Sc., M.D. *Memorial*, FRCPC**Clinical Assistant Professors of Laboratory Medicine**Afrouzian, M., M.D. *Tehran, Iran* ECFMGCook, D.M., B.Med.Sc., M.D. *Memorial*, FRCPCDenic, N., M.D., Ph.D. *Belgrade*, FRCPCGallagher, B., M.Med.Sc., M.D. *Dublin*, FRCPC, FCAPWadden, P., M.D., B.Med.Sc., B.Sc. *Memorial*, FRCPC**Clinical Lecturer of Laboratory Medicine (Biochemical Pathology)**Varghese, A., B.Sc., M.Sc. *India***Adjunct Professor**Madhavankutty, K.M., B.Pharm. *B.H.U. India*, Ph.D. *London, England*, FCACG**Oncology****Professor and Chair**Saltman, D.L., M.D. *Memorial*, Ph.D. *Edinburgh*, FRCP(C)**Pediatrics****Associate Professor & Chair**Vardy, C., M.D. *Memorial*, FRCPC**Professor of Pediatrics**Cooper, A.R., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCPC**Professor of Pediatrics (Neonatology)**Andrews, W., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCPC**Associate Professors of Pediatrics**Barter, O.J., M.D. *Memorial*, FRCPCBridger, T., M.D. *Memorial*, FRCPCBuckley, D., M.B., Ch.B. *Sheffield*, F.R.A.C.P. *Australia*Curtis, J.A., M.B., B.Ch., B.A.O. *Cork*, M.R.C.P. *UK*, FRCPCMorris, R.F., M.D. *Memorial*, FRCPCNewhook, L.A., M.D. *Memorial*, FRCPCShah, S., M.B., Ch.B. *Makerere*, M.Med. (Pediatrics), FRCPC**Assistant Professors of Pediatrics**Burzynski, J., M.D. *Manitoba*Critch, J., M.D. *Memorial*, FRCPCDancey, P., M.D. *Memorial*, FRCPCDeshpandey, A.K., M.D. *Gandhi Medical College*, MBBSDominic, A., M.D. *Memorial*, FRCPCDrover, A., M.D. *Memorial*, FRCPCMoore, S., M.B., Ch.B. *Edinburgh*Noseworthy, M., M.D. *Memorial*, FRCPCPorter, R., M.D. *Memorial***Professor (Psychology)**Adams, R.J., B.A. *Concordia*, Ph.D. *McMaster***Associate Professor (Psychology)**Courage, M.L., B.A. *Memorial*, M.Sc. *Alberta*, Ph.D. *Memorial***Clinical Professor of Pediatrics**Davis, A.J., M.D. *Dalhousie*, FRCPC**Clinical Associate Professors of Pediatrics**Cheriyian, M., M.B.B.S. *Nagpur*, MRCP (*UK*), FRCPCKamra, P., M.B., B.S. *Punjab*, FRCPCMuram, B., M.B., B.S. *India*, FRCPC**Clinical Associate Professor of Pediatrics (Immunology/Allergy)**Hamed, A., M.B., B.Ch. *Cairo*, M.Sc. (Immunology) *Memorial*, FRCPC**Clinical Assistant Professors of Pediatrics**Alam, M., M.B.B.S. *Pakistan*Alexander, W.J., M.D. *Memorial*, FRCPCBowes, L., M.D. *Memorial*

Bula, L., M.D.

Chrappa, J., M.D. *Bratislava*, FRCPCFeener, T., M.D. *Memorial*Guntamukkala, P., M.B.B.S. *India*, FRCPCHand, J., M.D. *Memorial*, FRCPCHenderson, K., M.D. *Dalhousie*Javed, F., M.D. *Pakistan*Kemp, I., M.B., Ch.B. *South Africa*, FRCPCKwa, P.G., M.D. *Taiwan*, FRCPCLambert, T.B., M.D. *Memorial*, FRCPCLuscombe, S., M.D. *Memorial*Marshall, I., M.D. *Memorial*Meek, D.C., M.B., B.Ch. *Cardiff (Wales)*, FRCPC

Murphy, A., M.D., FRCPC, FAAP

Natsheh, S.E., B.M.Sc., B.Sc. *Memorial*, FRCPCNicholson, M., M.D. *Dalhousie*Ojay, C.R. *West Indies*Paras, E., *Istanbul (Turkey)*, FRCPCReid, D., B.Sc. *Dalhousie*, M.D. *Memorial*, FRCPCSanderson, S., *Toronto*, FRCPCStewart, W., M.D. *Calgary*, FRCPCVivian, L., M.D. *Memorial*Zuin, C., M.B.B. *Ch. National University of Cordoba***Clinical Assistant Professor of Medicine**Landells, I.D.R., B.Med.Sc., M.D. *Memorial*, FRCPC**Clinical Lecturers of Pediatrics**Bessell, C., R.N., B.Ed. (Voc.) *Memorial*Kelly, M., M.B., B.Ch., BAD *Dublin*, FRCPCRolfe, J., B.N. *Memorial*, M.Sc. *New York*White, S., B.N. *Memorial***Cross Appointed from Laboratory Medicine**Han, F.Y., M.D. *China*Xie, Y.G. M.D. *Hanan*, Dr.Med. *Zurich***Cross Appointed from Surgery**Price, D.I., B.Med.Sc., M.D. *Memorial*, FRCSC**Adjunct Professors**Acott, P., B.Sc. *New Brunswick*, M.D. *Dalhousie*Crocker, J., B.Sc. *King's College*, M.D. *Dalhousie*, FRCPC**Psychiatry****Associate Professor and Chair**Callanan, T.S., B.Sc., M.D. *Memorial*, Dip.Psych. *McGill*, FRCPC;

Cross appointed to Counselling Centre

**Professors**Muhammad, A., M.B.B.S. *Dow*, MRCPsych, FRCP, Ph.D. *Anglia**University*, BCPSych, DPM, DCP, MCPSStrong, H.R., M.D. *Memorial*, FRCPC**Associate Professors of Psychiatry**Craig, D.F., B.Sc. *McGill*, M.D. *Alberta*, FRCPCLeDrew, K., M.D. *Memorial*, FRCPC**Associate Professors of Child and Adolescent Psychiatry**St. John, K., B.Sc. *Mount Allison*, B.Med.Sc., M.D. *Memorial*,

FRCPC

White, H.P., B.Sc., M.D. *Memorial*, FRCPC**Associate Professor of Forensic Psychiatry**Ladha, N.B., M.B. *Dublin*, FRCPC, DABPN**Associate Professor (Cross Appointed from Family Medicine)**Tarrant, G.M., M.D. *Memorial*, CCFP, FCFP, CGPP



**Associate Professor (Joint Appointment with Biological Psychiatry)**Chen, X., M.B. *China*, Ph.D. *Cambridge***Assistant Professors of Psychiatry**Adey, T., M.D. *Memorial*, FRCPC  
Hearn, T., B.A., M.Sc., M.D. *Memorial*, FRCPC  
Lynch, S., B.Sc., M.D., *Memorial*, FRCPC  
Penney, A., M.D. *Memorial*, FRCPC**Assistant Professor of Child and Adolescent Psychiatry**Bonnell, W., B.Sc., M.D. *Memorial*, FRCPC**Assistant Professor (Cross Appointment from Pharmacy)**Phillips, L., B.Sc.(Pharm.) *Memorial*, Pharm.D. *British Columbia***Assistant Professors (Cross Appointments from Psychology)**Francis, S., B.A., M.A., Ph.D. *University of Hawaii*  
Mezo, P., B.Sc., Ph.D. *University of Hawaii***Adjunct Professor of Psychiatry**Karagianis, J.L., B.Med.Sc., M.D. *Memorial*, FRCPC**Clinical Associate Professors of Psychiatry**Angel, J., M.D. *Memorial*, FRCPC  
Hasnain, M., M.B., B.S. *Rawalpindi Medical College*, DABPN  
Hogan, M.W., B.A. *St. Mary's*, M.D. *Dalhousie*, FRCPC  
Morehouse, R., M.D. *Dalhousie*, FRCPC  
Noseworthy, G., M.D. *Memorial*, FRCPC**Clinical Associate Professors of Child and Adolescent Psychiatry**Hassuk, B., M.D. *University of Vermont College of Medicine*,  
DABPN  
Maddigan, B., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC**Clinical Assistant Professors of Psychiatry**Broaders, M., M.D. *Memorial*, FRCPC  
Caravan, C., M.D. *Memorial*, FRCPC  
Collins, D., B.Med.Sc., M.D. *Memorial*, FRCPC  
Dolezalek, J., M.D. *Comenius University*, FRCPC  
Doucet, J., M.D. *Memorial*  
Hogan, K., M.D. *Memorial*, FRCPC  
Kennedy, N., M.D. *Memorial*, FRCPC  
Luscombe, K., M.D. *Memorial*, FRCPC  
MacLaughlin, D., M.D., B.Med.Sc. *Memorial*, FRCPC  
Martins, I., B.Med.Sc., M.D. *Memorial*, FRCPC  
Mirolo, H., M.D. *Catholic University of Cordoba*  
Patel, S., MB BCh. BAO, *University College Dublin*, FRCPC  
Porter, A., M.D. *Memorial*, FRCPC  
Pratt, D., B.Sc., M.D. *Memorial*, FRCPC  
Rayel, M., M.D. *La Salle University, Philippines*, DABPN  
Sayeed, R., M.B.B.S. *Dow Medical College*, DABPN, FRCPC  
Vokey, K., M.D. *Memorial*, FRCPC  
Walsh, C., M.D. *Memorial*, FRCPC  
Weiner, M., M.D. *Poland*, FRCPC  
Young, N., M.B.A., M.D. *Memorial***Clinical Assistant Professors of Psychiatry (New Brunswick)**Aicher, J., BES(Hons.) *Waterloo*, M.D. *McMaster*, MPH, MCRP  
*University of California at Berkeley*  
Laurencic, D.G., M.D. *University of Belgrade School of Medicine*,  
DABPN  
Potter, L., B.Sc., M.D. *Memorial*, FRCPC  
Shamsuddin, S., MBBS *Bangalore Medical College*  
Sullivan, G., B.Sc., M.D. *University of Kentucky*, FRCPC  
Thompson, S., B.Sc., M.D. *Dalhousie*, FRCPC  
Tran, S., M.D. *Dalhousie*, FRCPC  
Yuzda, E., B.Sc., M.Sc., M.D. *Calgary*, FRCPC**Clinical Assistant Professors of Child and Adolescent Psychiatry**McWilliam-Burton, T., M.D. *Memorial*, FRCPC  
Reid, C., M.D. *Memorial*, FRCPC  
Snelgrove, C., M.D. *Memorial*, FRCPC**Clinical Assistant Professor (Clinical Psychology)**Khalili, H., B.S. *Tehran*, M.S., M.B.A. *Kansas*, Ph.D. *Iowa***Clinical Assistant Professor of Psychiatry (Clinical Epidemiology)**Mugford, G., B.Sc., Ph.D. *Memorial***Clinical Lecturers of Psychiatry**Brace, A.W., M.D. *Memorial*, FRCPC  
Mekawy, M., M.B., Ch.B. *Alexandria University, Egypt*, DABPN**Clinical Lecturer of Child and Adolescent Psychiatry**

Rajan, R., M.B.B.S., Mangalore

**Clinical Lecturers (Clinical Psychology)**Hillier, C., B.A. *Manitoba*, M.Sc. *Acadia*  
Rodgers, G., M.Sc. *Memorial*  
Simpson, M., B.Sc.(Hons.), M.Sc. *Memorial*  
Woodrow, J., B.Sc.(Hons.), M.Sc. *Memorial***Clinical Lecturer (Social Work)**Oldford, J., B.A. *Memorial*, M.Sc. *Toronto***Radiology****Professor and Chair**

Cramer, B.C., M.B., B.Ch., M.R.C.P. (UK), F.R.C.R. (UK), FRCPC

**Professor**Kendall, E., B.Sc., M.Sc. *Dalhousie*, Ph.D. *Guelph***Adjunct Professor**Daniels, C., B.Sc., M.Sc. *Western Cape*, Ph.D. *Berne***Clinical Associate Professors of Radiology**Bartlett, P.J., M.D. *Memorial*, FRCPC  
Bhatia, R.S., M.D. *McMaster*, FRCPC  
Collingwood, P.W., M.D. *Memorial*, FRCPC  
Jeon, P.M., M.D. *Memorial*, FRCPC  
Wadden, N.A.T., B.Sc., M.D. *Memorial*, FRCPC  
Whelan, R.F., M.D. *Dalhousie*, FRCPC**Clinical Associate Professors of Radiology (Nuclear Medicine)**Hollett, P., B.Med.Sc., M.D. *Memorial*, FRCPC, A.B.N.M.  
Wesolowski, C., M.D. *Poland*, FRCPC**Clinical Assistant Professors of Radiology (Combined Diagnostic Radiology and Nuclear Medicine)**Jefford, C., M.D. *Memorial*, FRCPC, A.B.N.M.  
Kennedy, P., M.D. *Memorial*, FRCPC**Clinical Assistant Professors of Radiology**Bailey, G.A., M.D. *Memorial*, FRCPC  
Battcock, S.G., M.D. *Memorial*, FRCPC  
Colbert, D., M.D. *Memorial*, FRCPC  
Hache, N., M.D. *Memorial*, FRCPC  
Harley, R.J., M.D. *Memorial*, FRCPC  
Harris, S.R., M.D. *Memorial*, FRCPC  
Heale, R., M.D. *Memorial*, FRCPC  
Higgins, G.C., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCPC  
Hopkins, J.G., M.D. *Memorial*, FRCPC  
Jackman, S., M.D. *Memorial*, FRCPC  
Lombard, J., M.D. *Memorial*, FRCPC  
Major, A.C., M.D. *Memorial*, FRCPC  
Martin, B., M.B., B.Ch., B.A.O. *N.U.I.*, FRCPC  
Mercer, E., M.D. *Memorial*, FRCPC  
O'Keefe, J.B., M.D. *Memorial*, FRCPC  
Peckham, D., B.Med.Sc., M.D. *Memorial*, ABR  
Pike, E.J., M.D. *Memorial*, FRCPC  
Rendell, M.J., M.D. *Memorial*, FRCPC  
Sala, E., B.Sc., M.D. *Memorial*, FRCPC  
Walsh, E.A., M.D., B.Ch., B.A.O. *N.U.I.*, M.R.C.P.I. *Ireland*,  
L.M.C.C., FRCPC**Surgery****Professor & Chair**Pollett, W.G., B.Sc., M.D. *Dalhousie*, FRCSC**Professor of Surgery**Kwan, A., B.Sc., M.D., C.M., M.Sc. *McGill*, FRCSC, F.A.C.S.**Associate Professors of Surgery**Boone, D.C., M.D. *Memorial*, FRCSC  
Pace, D., B.Sc. *Acadia*, M.B.A. *Dalhousie*, M.D. *Memorial*, FRCSC  
Stone, N.C., B.Med. Sc., M.D. *Memorial*, FRCSC**Assistant Professors of Surgery**Furey, A., B.Sc., M.D., M.Sc. *Memorial*, FRCSC  
Gardiner, P., B.Sc., M.D. *Dalhousie*, FRCSC  
Hogan, M.P., B.Sc., M.D. *Memorial*, M.Med.Ed. *Dundee*, FRCSC  
O'Dea, F., B.Sc. *Mt. Allison*, M.D. *Memorial*, FRCSC

Wells, M.K., B.Sc.(Chem), B.Med.Sc., M.D. *Memorial*, FRCSC

#### Clinical Professors of Surgery

Maroun, F.B., M.D. *Lebanon*, FRCSC

Mitton, A., B.Sc. *U.N.B.*, M.D. *Dalhousie*, FRCSC

#### Clinical Professors (Part Time)

Heughan, C., B.A.(Hons.), M.B., B.Chir. *Cambridge*, FRCSC

Payton, B.W., M.B., B.S., Ph.D. *London*

#### Clinical Associate Professors of Surgery

Felix, W.A., M.D. *Dalhousie*, FRCSC

Fitzgerald, G., M.D. *Toronto*, FRCSC

Guy, J.R.F., M.D. *Dalhousie*, FRCSC

#### Clinical Associate Professor of Surgery (Ophthalmology)

Conway, V., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCSC

#### Clinical Associate Professors of Surgery (Otolaryngology)

Burrage, K., B.Sc., M.D. *Memorial*, FRCSC

Edgecombe, J.M., M.D., C.M. *Dalhousie*, FRCSC

Smith, T.J., M.D. *Dalhousie*, FRCSC

#### Clinical Associate Professor of Surgery (Pediatrics)

Price, D., B.Med.Sc., M.D. *Memorial*, FRCSC

#### Clinical Associate Professor of Surgery (Plastics)

Jewer, D.D., B.Sc.(Hons.), B.Med.Sc., M.D. *Memorial*, FRCSC

#### Clinical Associate Professor of Surgery (Urology)

Best, L., M.D. *Autonoma de Guadalajara*, FRCSC

#### Clinical Associate Professors of Surgery (Orthopedics)

Noftall, F., B.Med.Sc., M.D. *Memorial*, FRCSC

Rockwood, P., B.Med.Sc., M.D. *Memorial*, FRCSC

Squire, D.S., B.Sc., M.D. *Memorial*, FRCSC

#### Clinical Associate Professor of Surgery (Neurosurgery)

Murray, G.P., B.Sc., M.Sc., B.Med.Sc., M.D. *Memorial*, FRCSC

#### Clinical Assistant Professors of Surgery (Orthopedics)

Deane, R.H., M.B., Ch.B. *Capetown*, FRCS *Glasgow*, FRCS *South Africa*, FRCSC

Gozna, E.R., B.Sc. *New Brunswick*, M.Eng. *Tech College NS*, M.D. *Dalhousie*, FRCSC

Hogan, T.G., B.Sc., M.D. *Memorial*, FRCSC

Jackman, H., B.Sc. *Mount Allison*, M.D. *Memorial*, FRCSC

Lewis, B.D., B.Sc., M.D. *Memorial*, FRCSC

Martin, R., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCSC

Russell, R., B.Med.Sc., M.D. *Memorial*, FRCSC

Sahajpal, V., B.Sc. *UPEI*, M.D. *UWO*, FRCSC

Tumilty, J., B.Sc., M.D. *Dalhousie*, FRCSC

#### Clinical Assistant Professors of Surgery

Akhtar, J., MBBS *Khyber Medical College*, FRCS (Ireland)

Blackwood, P.J., B.Med.Sc., M.D. *Memorial*, FRCSC

Browne, G.N., B.Med.Sc., M.D. *Memorial*, FRCSC

Cox, C.R., B.M.Sc., M.D. *Memorial*, FRCSC

Fowler, R., B.Med.Sc., M.D. *Memorial*, FRCSC

Heneghan, P.D., B.Sc., M.D. *Memorial*, FRCSC

Johnston, B., B.Sc., M.D. *Dalhousie*, FRCSC

Lee, B.S., B.Sc., M.D. *Dalhousie*, FRCSC

Mann, C., B.Sc. *Mount Allison*, M.D. *Dalhousie*, FRCSC

Melvin, K., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCSC

Mowatt, J.A., B.Sc. *Kings College*, M.D. *Dalhousie*, FRCSC

O'Brien, J., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCSC

O'Driscoll, M.F., B.Sc. *St. Francis Xavier*, B.Ed., B.Eng.,

B.Med.Sc., M.D. *Memorial*, FRCSC

Roger, J., M.D. *Karl Franzens*, FRCSC

Scarth, H., B.Sc. *Dalhousie*, M.Sc. *UWO*, M.D. *Toronto*, FRCSC

Stiles, G., B.A. *U.N.B.*, M.D. *Dalhousie*, FRCSC

Thavanathan, M.J.M., M.B., B.S. *Sri Lanka*, FRCSC

#### Clinical Assistant Professors of Surgery (Neurosurgery)

Avery, R., B.M.Sc., M.D. *Memorial*, FRCSC

Engelbrecht, H.A., M.D. *University of the Free State*, FCS(SA)

#### Clinical Assistant Professors of Surgery (Plastics)

Cluett, J., M.D. *Memorial*, FRCSC

Rideout, A., B.Sc. *Kings*, B.Sc.(Hons) *Dalhousie*, M.D. *Memorial*, FRCSC

#### Clinical Assistant Professors of Surgery (Ophthalmology)

Bautista, D.V., B.Sc.(Chemistry), B.Med.Sc., M.D. *Memorial*, FRCSC

Bense, M., M.B., Ch.B. *Pretoria*, FRCSC

Dunphy, D., B.Eng., B.Med.Sc., M.D. *Memorial*, FRCSC

Jackman, C.S., B.Sc.(Hons.), M.D. *Memorial*, FRCSC

Murphy, B., B.M.Sc., M.D. *Memorial*, FRCSC

Whelan, J.H., B.S., B.Med.Sc., M.D. *Memorial*, FRCSC

Williams, K.B., B.Sc., M.D. *Memorial*, D.O. *New England College of Optometry*, FRCSC

#### Clinical Assistant Professors of Surgery (Urology)

Drover, D.N., B.A., B.Med.Sc., M.D. *Memorial*, FRCSC

Duffy, G., B.Sc., M.D. *Memorial*, FRCSC

French, C., B.Sc., M.D. *Memorial*, FRCSC

Hewitt, R., B.Med.Sc., M.D. *Memorial*, FRCSC

#### Clinical Assistant Professor of Surgery (Veterinary)

Husa, L., MVDr. *Kosice*

#### Clinical Lecturers of Surgery

Farrell, R., B.Sc., M.D. *Memorial*, FRCSC

Mackenzie, D.S., B.Med.Sc., M.D. *Alberta*, FRCSC

#### Clinical Lecturer of Surgery (Ophthalmology)

McNicholas, J., B.Sc., M.D. FRCSC

#### Clinical Lecturer of Surgery (Otolaryngology)

Tjan, E.T., M.D. *Taiwan*, FRCSC

#### Cross Appointed from the Discipline of Genetics

Green, J., M.Sc. *British Columbia*, Ph.D. *Memorial*

### Division of Community Health and Humanities

#### Associate Dean

Mulay, S., Ph.D., M.Sc. *McGill*, B.Sc. *Delhi, India*

### Epidemiology and Public Health

#### Professores Emeriti

Fodor, J.G., M.D., Ph.D. *Prague*, FRCPC

West, R., M.Sc., Ph.D. *McGill*

#### Honorary Research Professors

Bavington, W., B.A. *Graceland College*, M.D. *Toronto*, D.T.M.H

*Liverpool*, M.P.H. *Johns Hopkins*, F.A.C.P.M., FRCPC

Buehler, S., A.B. *Illinois College*, M.A. *Indiana*, Ph.D. *Memorial*

#### Clinical Professor of Microbiology and Epidemiology

Ratnam, S., M.Sc. *Madras*, Ph.D. *Delhi*

#### Associate Professor of Community Health

Donovan, C., B.Med.Sc., M.D. *Memorial*, M.H.Sc. *British Columbia*

#### Associate Professor of Epidemiology

Wang, P., Ph.D., M.D., M.P.H. *China*

#### Adjunct Professor of Pharmacoepidemiology

Rawson, N.S.B., B.Sc. *Leicester*, M.Sc. *Newcastle-upon-Tyne*, Ph.D. *Southampton*

#### Clinical Professors of Community Health and Humanities

Allison, D., M.D. *Queen's*, FRCP

Godwin, M., B.Med. *Memorial*, M.Sc. *Queens*; Cross appointed from Discipline of Family Medicine

#### Professional Associates

Kawaja, M., B.Sc., M.Sc. *Memorial*

Wright, E., M.Sc. *McGill*, B.N., B.Sc. *Memorial*

#### Associate Professor of Nutrition/Dietetics Jointly Appointed with Biochemistry

Roebathan, B., B.Sc. *Memorial*, M.Sc. *Saskatchewan*, Ph.D. *Memorial*

#### Adjunct Associate Professor

Moore-Orr, R., S.M. *Iowa*, D.Sc. *Harvard*

#### Clinical Lecturer, Nutrition

Varghese, Suja, M.Sc. *Medicine Community Health, Memorial*

### Social and Behavioural Science

#### Associate Professors of Social Science and Health

Beausoleil, N., B.A. *Laval*, M.A., Ph.D. *UCLA*

Gustafson, D., B.A. *McMaster*, M.Ed. *Brock*, Ph.D. *Toronto*

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Decker, D., B.Comm., Diving Safety Specialist

**Associate**O'Shea, C., L.R.C.P.S. and P.I. *Dublin, M.D.*Zbitnew, G., B.Sc., M.D. *Alberta, FRCPC***Health Sciences Library****Associate University Librarian (Health Sciences)**Beckett, G., B.A. *Simon Fraser University, M.L.S. McGill***Head, Public Services**Barnett, L., B.Sc. *McGill, M.L.I.S. Dalhousie***Librarians**Fahey, S., B.A.(Hons.) *Memorial, M.L.I.S. McGill*Farrell, A., B.A. *Acadia, M.L.I.S. Dalhousie*Glynn, L., B.A. *Memorial, M.L.I.S. UBC*Morgan, P., B.A.(Hons.), M.B.A. *Memorial, M.L.I.S. McGill***Medical Education and Laboratory Support Services****Manager**

Evelly, E., R.T.

**Health Sciences Information and Media Service****Director**O'Neill, S., B.Sc. *Memorial*

# 1 The Memorial University of Newfoundland Code

The attention of all members of the University Community is drawn to the section of the University Calendar titled **The Memorial University of Newfoundland Code**, which articulates the University's commitment to maintaining the highest standards of academic integrity.

## 2 Background

The Faculty of Medicine of Memorial University of Newfoundland is one of 17 Canadian medical schools and was one of the four schools suggested by the Hall Royal Commission on Canadian Health Services in its 1964 report.

A series of meetings was begun in 1963 between representatives of Memorial University of Newfoundland, the Newfoundland Medical Association, and the Department of Health of the Government of Newfoundland and Labrador. Following the Hall Commission's recommendation and on the basis of positive advice from Dr. J. Wendell MacLeod, Executive Secretary of the Association of Canadian Medical Colleges, and Dr. Chester B. Stewart, Dean of Medicine at Dalhousie University, Halifax, Nova Scotia, Memorial University of Newfoundland established a Commission in 1965 to undertake a feasibility study. The late Dr. J.A. MacFarlane, formerly Dean of Medicine at the University of Toronto, and a member of the Hall Royal Commission served as chairman. The MacFarlane Commission's recommendation that a Medical School be established at Memorial University of Newfoundland was confirmed independently by a Royal Commission on Health Services for Newfoundland and Labrador. The chairman of this latter Commission, Lord Brain, an eminent British medical educator, and his advisors, reported that the location of a medical school in the Province was a necessary step in the provision of adequate medical services for Newfoundland.

Dr. Ian Rusted, a local physician who had been involved in the early negotiations and had taken the initiative in introducing continuing medical education for doctors in the Province, was appointed Dean of Medicine in 1967. Under his leadership, faculty members were recruited, the undergraduate program was initiated and the first medical students were admitted in 1969. The existing programs of postgraduate training and continuing medical education were strengthened and the spectrum of medical education was subsequently completed in 1971 with the initiation of a program of graduate studies leading to the degrees of M.Sc. and Ph.D.

The undergraduate curriculum was designed to foster integrated learning and to permit contact with patients early in the student's training. To facilitate this integrated approach the administration of the school was set up as a non-departmental system based on three Divisions: Community Health, BioMedical Sciences and Clinical Sciences.

Initially the Faculty of Medicine was housed in temporary buildings. With joint funding by the Federal and Provincial Governments, a Health Sciences Centre (HSC) was constructed on the North Campus of the University and was officially opened in 1978. This new building became home to the Faculty of Medicine General Hospital and the School of Nursing. Over time the building was expanded, and now it also houses the School of Pharmacy, the Janeway Children's Health and Rehabilitation Centre, the Dr. H. Bliss Murphy Cancer Centre and the Agnes Cowan Hostel. The Health Sciences Centre contains a comprehensive health sciences library, animal care and research facilities, plus an appropriate range of teaching facilities to accommodate large lectures and demonstrations, small group discussions and seminars, clinical skills and laboratory sessions. The structure of the Health Sciences Centre facilitates integration between basic scientists, clinicians and allied health workers in the hospital, the University and the community. Clinical research facilities are located adjacent to basic research units and some research laboratories provide services in clinical investigation. Services such as cafeteria and stores are common to the Faculty of Medicine and the Eastern Regional Health Authority.

The General Hospital and Janeway Children's Health and Rehabilitation Centre are part of a network of teaching hospitals in St. John's and throughout the Province. The conventional use of major referral centres as teaching resources is complemented by the availability of regional and community hospitals to provide valuable clinical experience for undergraduate and postgraduate medical students.

In contrast to many other schools, the class size at the University's Medical School is small. This facilitates interaction between students and faculty, and has obvious advantages in clinical teaching. Normally 60 students are admitted annually to the first year of the undergraduate medical program.

Additional information regarding the Faculty of Medicine is available at [www.med.mun.ca/medicine/home.aspx](http://www.med.mun.ca/medicine/home.aspx).

## 3 Mission and Objectives of the Faculty of Medicine

The Mission of the Faculty of Medicine is to enhance the health of the people of Newfoundland and Labrador by educating physicians and health scientists; by conducting research in clinical and BioMedical Sciences and applied health sciences and by promoting the skills and attitudes of lifelong learning

The objectives of the Faculty of Medicine are consistent with the objectives of Memorial University of Newfoundland in developing and maintaining excellence in the quality of its academic standards and of research, establishing programs to meet the expanding needs of the Province and of providing the means to reach out to all the people.

The Faculty seeks to attain these objectives through an organizational structure which allows optimum interaction among the various disciplines within the Medical School and with other Faculties and Schools as appropriate.

The term 'Medical School' refers to the wider organizational structure of the Faculty of Medicine with various healthcare, institutions, community organizations and other academic units with the University.

The specific objectives are:

1. To teach medical students to be physicians; and to provide such learning experiences as will inspire all medical graduates of the school to be prepared to practice medicine at the highest standards, serving all individuals and societies in the pursuit of health.
2. To acknowledge the special geography of this Province by encouraging the education of physicians with exemplary skills for rural practice.
3. To educate and train graduate and diploma students in the health sciences.
4. To provide postgraduate educational experiences in medicine and the medical sciences such that the graduating Canadian physicians will pursue further studies within the school's postgraduate programs, leading to certification in family medicine or specialist subjects, especially in those areas where deficiency in numbers is currently recognized or anticipated.
5. To instill within students at all levels:
  - a. The wish and the capacity to further the practice and science of medicine through the creation of new knowledge for the improvement of the health of the world's peoples.
  - b. The wish and the capacity to improve their own professional practice through continuing self-assessment and scholarship.
  - c. An appreciation of their evolving roles as members of a team of professionals possessing complementary skills.
6. To attract faculty members who will together:
  - a. Act as a resource in providing undergraduate, graduate, postgraduate, and continuing medical education.

- b. Contribute to the advancement of educational methods.
  - c. Practice the highest quality of primary, secondary, or tertiary care medicine.
  - d. Show leadership in promoting research into the health of the individual and the community, including the organization of health care delivery systems.
  - e. Facilitate and promote education and research appropriate to our mid North-Atlantic environment.
7. To provide educational experiences in the health sciences to students from other Schools or Faculties of Memorial University of Newfoundland and of other educational institutions.
  8. To provide Continuing Medical Education experiences which will help physicians to maintain and enhance their competence in medical skills.
  9. To provide a learning environment for undergraduate, graduate, and postgraduate students of medicine and the medical sciences who are citizens of other countries.
  10. Actively to provide an Informational, Educational and Consultative resource for the whole community.

## 4 Affiliated Teaching Sites

1. Within St. John's: (hospitals and other centres under the Eastern Regional Health Authority)
2. Outside St. John's: (hospital/community settings)
3. New Brunswick: (hospital/community settings)
4. Prince Edward Island: (community settings)

## 5 Description of Medical Training Program

The Faculty of Medicine offers a four-year undergraduate medical program, comprising a minimum of 186 credit hours, leading to the degree of Doctor of Medicine (M.D.).

The first two years of medical studies is called Pre-Clerkship. BioMedical Science courses are taught primarily in the first year of medical studies. Upon completion of these courses, the Integrated Study of Disease courses follow. Students undertake instruction in Community Health & Humanities and Clinical Skills concurrently. By the end of Pre-Clerkship, students are expected to be able to take a patient's medical history, perform a thorough physical examination and to derive a logical diagnosis. The Clerkship Preparation Course is completed prior to commencing the Clerkship.

The last two years of medical studies is called Clerkship. During this time, students who are clinical clerks take courses that will allow them to alternate through the major disciplines in hospital and community settings throughout affiliated teaching sites in Newfoundland and Labrador and community and hospital settings throughout Prince Edward Island and New Brunswick. Clinical clerks participate as members of the health care team gaining the knowledge and experience necessary to assume the responsibilities associated with patient care.

Upon successful completion of medical studies, the students are qualified to write Part I of the licensing examinations set by the Medical Council of Canada (MCC). After the award of the M.D. degree and following successful completion of one year of postgraduate training, they are qualified to write Part II of the MCC licensing examinations.

## 6 Continuing Medical Education

The Faculty of Medicine's Office of Professional Development and Conferencing Services delivers accredited continuing medical education (CME) programs and plays a major role in meeting the professional development needs of health care professionals throughout Newfoundland and Labrador and across Canada. CME is offered through a variety of formats, including teleconferencing, video-conferencing, online and onsite. Faculty development programs are designed specifically to assist faculty members in their own unique educational requirements. Educational assessments and retraining experiences are available to physicians, international medical graduates and health care practitioners who meet the criteria. The Office of Professional Development and Conferencing Services is committed to assisting students, faculty members, and physicians in meeting their educational requirements.

## 7 Postgraduate Medical Training Programs

Postgraduate medical training is offered in programs leading to certification by either the College of Family Physicians of Canada (CFPC) or the Royal College of Physicians and Surgeons of Canada (RCPSC). These are full-time training programs comprised of hand-on-practical training complemented by formal teaching and academic study. The programs are completed in a structured learning environment consisting of hospital and community based teaching units, supervised by faculty. The level of responsibility afforded the student is based on regular evaluation of abilities by faculty. The Postgraduate training programs are accredited by the CFPC or the RCPSC and the appropriate licensing authorities.

Postgraduate entry positions are available through the Canadian Residency Matching Service. For further information write to The CaRMS Office, Suite 802, 151 Slater Street, Ottawa, Ontario K1P 5H3, or by telephone to (613) 237-0075, or toll free to (800) 291-3727, or the website at [www.carms.ca](http://www.carms.ca).

### 7.1 Family Medicine

The University offers a two-year residency in Family Medicine. This leads to eligibility for certification by the College of Family Physicians of Canada.

### 7.2 Residency Training Programs

Memorial University of Newfoundland offers specialty training programs in Anesthesia, Internal Medicine (and subspecialty in Nephrology), Neurology, Obstetrics/Gynecology, Orthopedics, Anatomic Pathology, Pediatrics, Psychiatry, Radiology and General Surgery.

Internal Medicine and Pediatrics offer a straight program in the first year of the training program. The normal period of training in Internal Medicine or Pediatrics is four years post-M.D.

In the remaining specialty programs offered by Memorial University of Newfoundland, broad-based clinical training is offered as the first year of the training program. The total length of each of these programs is five years.

### 7.3 Clinical Fellowships

A sixth year of postgraduate study (Clinical Fellowship) may be available to residents who have completed specialty training requirements. These fellowships may be primarily directed to the clinical area, to teaching, or to research.

### 7.4 Registration

Postgraduate Trainees are registered each year as full-time students of Memorial University of Newfoundland.

### 7.5 Licensure in Newfoundland and Labrador

All trainees must be eligible for and obtain an educational license from the College of Physicians and Surgeons of Newfoundland (CPSNL). Advice will be provided by the Postgraduate Medical Education Office.

Information on requirements for International Medical Graduates is available through the website at [www.med.mun.ca/pgme](http://www.med.mun.ca/pgme).

## 8 Graduate Studies

Interdisciplinary interaction and research among the divisions of BioMedical Sciences, Community Health and Humanities and Clinical Sciences is promoted.

Programs have been designed to attract students interested in a Graduate Diploma or a M.Sc., Ph.D. or M.D.-Ph.D. degree and the Master of Public Health. Areas of strength include Applied Health Services Research, Cancer, Cardiovascular and Renal Sciences, Clinical Epidemiology, Community Health, Human Genetics, Immunology and Infectious Diseases, and Neurosciences. Details of the graduate programs are provided in the School of Graduate Studies section of this Calendar.

## 9 Regulations for the Degree of Doctor of Medicine

### 9.1 Admission to the Faculty of Medicine

1. All applications for entry to the program of studies leading to the Doctor of Medicine (M.D.) degree are dealt with by the Admissions Office of the Faculty of Medicine and must be submitted to that office on or before the closing date (normally October 15th). No application received after this date will be considered. An application processing fee of \$75.00 is required from all applicants.
2. Applications are reviewed after the closing date by the Admissions Committee of the Faculty of Medicine. This Committee has the delegated authority of the Faculty Council to admit or decline to admit students, following guidelines and procedures acceptable to that Council.
3. Admissions will normally be to the first year of medical studies. In exceptional circumstances, admission with advanced standing may be offered.
4. Entry to medical school is on the basis of competition for a fixed number of places. The Admissions Committee takes account of an applicant's academic background, performance on the Medical College Admissions Test (MCAT) and information on an applicant's personal characteristics and achievements as given by the applicant, by referees' reports and, in some cases, by personal interviews. Age by itself is not used as a basis for selection or rejection. Both age and the length of time away from full-time studies may be taken into consideration. The residency status of each applicant at the time of the closing date for application (normally October 15) will be determined by guidelines established by the Admissions Committee and approved by Faculty Council. For each candidate, the residency status determined at that time will apply throughout the admissions process and the period of undergraduate medical education. Priority is given to applicants who are bona fide residents of this province.
5. The Admissions Committee's decision to admit or decline to admit an applicant will be made on the basis of the competition for entry in the year of application and will be determined by the Committee's judgement of the likelihood of an applicant succeeding in the academic and professional studies leading to the award of the M.D. and in the eventual practice of medicine.
6. To be eligible for admission, an applicant shall have completed a bachelor's degree including the prerequisite subjects of 6 credit hours in English at a recognized university or university college before admission.

In exceptional circumstances an application may be considered from someone who does not expect to hold a bachelor's degree at the time of admission. Such an applicant will have completed at least 60 credit hours including the prerequisite subjects of 6 credit hours in English at a recognized university or university college before admission and be a student who has work-related or other experience acceptable to the Admissions Committee.

No application will be considered from a candidate who cannot produce evidence that the above requirements have been met or will have been met by the time of entry to the Medical School.

In addition, all applicants must write the MCAT prior to the application deadline. The MCAT should be written within the preceding five years of the date of application.

7. Applicants need to be aware of the policy related to Essential Skills and Abilities Required for the Study of Medicine. This policy outlines essential skills and abilities needed to succeed in the M.D. program and it includes technical standards for students in the program and information for students with disability. This information is available on the Faculty of Medicine's website at [www.med.mun.ca/Admissions/Application-Preparation.aspx](http://www.med.mun.ca/Admissions/Application-Preparation.aspx).
8. Each applicant is responsible for ensuring that all the required information on the application form, e.g. transcripts, MCAT scores, referee's reports, is supplied to the Admissions Committee, and for providing any further information required by this Committee. An application is not considered complete until these documents have been received.
9. The Admissions Committee may request that a candidate attend an interview.
10. Notification of the Committee's decision will be made to candidates by letter signed by, or on behalf of, the Chair of the Admissions Committee. No other form of notification can be considered to be official.
11. The letter of acceptance will give the successful applicant fourteen (14) days in which to confirm that he/she will accept the place offered. The signed intention to accept the offered place must be accompanied by a deposit of \$200.00 which will be credited towards tuition fees. The deposit will be forfeited if the applicant subsequently declines the place.  
If no reply to the offer of a place is received within fourteen days, the offer by the Faculty of Medicine will be withdrawn on the appropriate date, and the applicant will be informed of this by letter.
12. In order to register, applicants who have been accepted as international students will be required to sign a document indicating that they will pay differential fees throughout the undergraduate medical program and that they will have the status of non-Canadians in the postgraduate matching process.

13. The Admissions Committee, at its discretion, may grant deferral of admission for one year to a maximum of two successful applicants in the first round of offers for any one admission cycle. An applicant must request a deferred entry at the time of responding to an offer of admission. The first round of offers are normally confirmed by mid-June and requests for deferral are considered by mid-July.
14. Successful applicants must normally complete a certified Basic Cardiac Life Support course before beginning medical school.
15. Unsuccessful applicants who wish to reapply for admission are required to submit the application forms relevant to the year of application and will be required to enter the competition in that year. An unsuccessful applicant can meet with the Assistant Dean for Admissions or the Admissions Officer to discuss reapplying prior to the deadline for submission of a new application (normally October 15).
16. An unsuccessful applicant has the right to appeal against the decision of the Admissions Committee not to offer him/her a place, if it is felt by the applicant that the decision was reached on grounds other than those specified in Clauses 1-4 above. The appeal should be made in writing within fourteen days of the notification of the decision and should be directed to the Dean of Medicine. The letter should state clearly and fully the grounds for the appeal. If the Dean of Medicine, in consultation with the Registrar, judges the grounds to be sufficient, the formal appeals mechanism will be initiated.

## 9.2 Evaluation

1. Subject to the approval of Senate, the overall policy of evaluation and the planning of the programs of studies leading to the M.D. degree are the responsibility of the Undergraduate Medical Studies Committee, which is a standing committee of the Council of the Faculty of Medicine.
2. Each student is expected to complete the work of the class as described in the current regulations of the Faculty of Medicine for each year of the program and to pass the prescribed academic and professional evaluations. In this context, the professional evaluation will cover, not only the skills expected of a student, but personal conduct and relationships with peers, patients, hospital personnel, faculty members and staff.
3. Course grades are recorded as pass or fail on a student's University transcript. For Pre-Clerkship courses/subjects and Medicine 7280, evaluation of an individual student's performance is conducted by the course/subject chair or instructor(s). The overall results of the course/subject evaluations are expressed on a four-point internal scale as outstanding, pass, borderline or fail. For Clerkship, overall evaluations of discipline rotations/selectives and electives are the responsibility of the respective discipline or electives co-ordinator. There is an internal five-point scale of outstanding, above average, average, below average and fail.
  - a. The Co-ordinator of the Pre-Clerkship or Clerkship and the Chair of the appropriate course/subject committee are responsible for ensuring that each student is informed of the results of each evaluation. The Chair of the course/subject committee will notify the student and Pre-Clerkship or Clerkship Co-ordinator, in writing, of any concerns that have arisen about performance.
  - b. It is the responsibility of the student to consult immediately with the Co-ordinator of the Pre-Clerkship or Clerkship Committee and/or the Chair of the course/subject committee regarding any course/subject in which concerns about performance have been expressed. Within one week of receiving notification of the grade for a course/subject, a student may submit a written request to the Co-ordinator of the Pre-Clerkship or Clerkship Committee for reconsideration of the grade awarded or for a reread of an exam/paper.
  - c. The student is responsible for notifying the Co-ordinator of the Pre-Clerkship or Clerkship Committee immediately of any new circumstances or of any pre-existing circumstances that have not previously been reported which could affect his or her individual performance in the work of the class.
4. A student's progress is monitored in each year of the program by the Pre-Clerkship or Clerkship Committee.

## 9.3 Promotion

1. The Student Promotions Committee is a standing committee of Faculty Council. The Student Promotions Committee review the grades of all students in each year. On the basis of this review, this Committee decides which students should be promoted to the next year and which students are eligible to graduate. In reaching its decisions the Student Promotions Committee takes into account professional, as well as academic factors, and any special circumstances, duly authenticated, which warrant consideration.
2. The Student Promotions Committee may require students to pass reassessments or to do remediation with reassessment before being considered for promotion or graduation. Students with a Fail grade in any subject or course cannot be promoted; such students may be required to repeat the entire course or any appropriate section and must pass an appropriate reassessment before a positive promotion decision is made. The amount and quality of makeup required of a student is at the discretion of the Student Promotions Committee, but it cannot be undertaken while any other course, including an elective, or a selective, is in progress, nor if a student's full participation in subsequent courses is in any way jeopardized.
3. A student who consistently receives Borderline or Below Average grades even in the absence of any Fail grades may either be required to repeat the year or required to withdraw conditionally or unconditionally.
4. A student who is deemed by the Student Promotions Committee to be unsuitable for promotion or graduation is either required to repeat all of the studies in any year, or required to withdraw either conditionally or unconditionally.
  - a. If a student is required to repeat a year with academic prejudice, his or her performance in the repeated year must be at a level at which no remediation or reassessment is required. If this standard is not met, the Student Promotions Committee requires the student to withdraw unconditionally.
  - b. The option to repeat a year with academic prejudice can only be offered to a student once during his/her M.D. program. A student may repeat a year without academic prejudice if it has been demonstrated that the student's performance has been adversely affected by other factors acceptable to the Student Promotions Committee and duly authenticated.
  - c. If the Student Promotions Committee requires a student to withdraw conditionally, the Chair of the Student Promotions Committee reports to the Dean and the Pre-Clerkship or Clerkship Co-ordinator the nature of the conditions to be met and the time period specified for meeting the conditions. The Dean then recommends to the Registrar that the student be required to withdraw from the program. Any student who has been required to withdraw conditionally may be readmitted once the conditions have been met. If the conditions are not met within the specified time limit, the student is required to withdraw unconditionally.
  - d. If the Student Promotions Committee requires a student to withdraw unconditionally, the Chair of the Student Promotions Committee will report the decision and the basis upon which it was reached to the Dean and the Pre-Clerkship or Clerkship Co-ordinator. The Dean then recommends to the Registrar that the student be required to withdraw from the program. Any student who is required to withdraw unconditionally and who wishes to re-enter the Faculty must apply by the appropriate deadline date to the Admissions Committee in competition with all other applicants.
5. A student has the right to make a formal appeal against a decision of the Student Promotions Committee. However, this appeal cannot be made on the basis of the grades awarded in individual courses or subjects, as the student will normally have had the

opportunity of contesting grades immediately after notification. A formal appeal by a student against the decision of this Committee must be made on grounds other than the grades awarded, e.g. default of procedure. This appeal should be made in writing, clearly stating the basis for the appeal and should be directed in the first instance to the Dean. The Dean in consultation with the Office of the Registrar determines whether or not the grounds stated are sufficient to warrant a formal hearing of the appeal.

6. In addition to the above clauses, the Faculty of Medicine reserves the right to require a student to withdraw from the program at any time when acceptable cause is demonstrated. In such cases, the Dean, on behalf of the Faculty, recommends such withdrawal to the Registrar who will then take appropriate action. Any such action is subject to the right of appeal by the student. An appeal should be made in writing clearly stating the basis for the appeal and should be directed in the first instance to the Registrar of the University. The Registrar, in consultation with the Dean, will determine whether or not the grounds stated are sufficient to warrant a formal hearing of the appeal.
7. Any student who enters the first year of the medical program but withdraws within the first seven weeks may be permitted re-entry only by re-application to the Admissions Committee in competition with all other applicants by the appropriate deadline date. Withdrawal at all other times is in accordance with **UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate)**.
8.
  - a. Upon completion of a program year, a student in good academic standing may elect to withdraw temporarily from studies (e.g. to pursue graduate studies after completion of the second year).
  - b. Any student may be permitted to withdraw in accordance with **UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate) Withdrawing From The University**. In all cases, the intent to withdraw voluntarily should be discussed with the Pre-Clerkship or Clerkship Co-ordinator, as appropriate. The student must make a written request for voluntary withdrawal to the Dean who will then consult the appropriate Co-ordinator. In the event that a student wishes to return to medical school, the Dean should ensure that sufficient revision and preparatory work are undertaken before the student is permitted to resume medical studies.
  - c. Students permitted to withdraw are advised of the date upon which they are required to resume medical studies. In the absence of good cause, any such student who does not resume studies on the specified date will be deemed to have left the program.

## 9.4 Curricular Requirements (M.D.)

Students entering the M.D. program will be governed by curricular requirements in effect at the time of their admission. In the event of readmission, students will be governed by curricular requirements in effect at the time of their readmission.

The Clerkship Student Promotions Committee recommends to Faculty Council those students to be awarded the M.D. degree.

## 10 Course Descriptions

The courses in Pre-Clerkship form a continuum. Some courses are composed of several individual subjects.

Clerkship provides clinical experience in the affiliated teaching hospitals and community sites of Memorial University of Newfoundland. The students become members of the patient care team and have graded and supervised responsibility.

### 10.1 Courses in the First and Second Year of Medical Studies

**5600 Basic Science of Medicine I** is an integrated course with several subjects including anatomy, biochemistry, genetics, immunology, microbiology, pathology and physiology. This course introduces students to the structure and function of the human body and provides the foundation of the basic science of medicine. A wide range of teaching methods are used including lectures, small group sessions, and laboratory sessions/demonstrations.

CH: 14

**5610 Clinical Skills I** introduces students to the main elements of the medical interview and techniques of counselling. Students are then expected to acquire skill in examining normal individuals and eliciting symptoms and signs in patients and presenting the findings in a logical and comprehensive manner. Emphasis is placed on developing a sympathetic and understanding approach to the patient. The course also provides an integrated approach to clinical symptoms and signs as manifestations of disordered function or structure. Ethical and legal issues playing a significant role in assessment and management of clinical problems are also considered within the humanities, ethics, and law in medicine (HELM) component.

AR: attendance is required

CH: 9

**5640 Community Health I** introduces several aspects of community health including health promotion, disease prevention, biostatistics, epidemiology, social and organizational factors in health, environmental and occupational health, community nutrition and behavioural sciences. Lectures and small group sessions are complemented with practical experience obtained through group research projects and field teaching in the community in both a rural and urban context. Aspects of medical ethics relative to community health are integrated throughout the course. Emphasis is placed on understanding the determinants of health and illness and the context in which they occur. The principles of research are introduced and students may initiate research opportunities that are carried through subsequent courses in the curriculum.

CH: 9

**5650 Integrated Study of Disease I** involves studying diseases of the major organs/body systems and includes integration with the pathophysiological basis of disease, pathology and pharmacology. The course also incorporates the relevant aspects of preventive medicine, clinical genetics, clinical epidemiology and occupational medicine.

CH: 10

**5660 Family Medicine Pre-Clerkship Elective** is offered to medical students interested in enhancing their patient interviewing and clinical examination skills. Each student will be paired with an experienced family physician in the community (rural and urban opportunities) for two to four weeks during the summer months at the end of the first and/or second year. Students gain practical experience of working at the primary care level in a variety of settings that could include office-based practice, home visits, emergency departments, labour and delivery and both long-term care facilities and in-hospital ward experiences. (This varies depending on the family physician's practice profiles.) Students applying for this course must be currently registered as a first or second year medical student in a Canadian medical school.

AR: attendance is required

CH: 0

**6600 Basic Science of Medicine II** is a continuation of Basic Science of Medicine I.

CH: 8

**6610 Clinical Skills II** is a continuation of Clinical Skills I.

AR: attendance is required

CH: 9

**6640 Community Health II** is a continuation of Community Health I.

CH: 9

**6650 Integrated Study of Disease II** is a continuation of Integrated Study of Disease I.

CH: 30

**6660 Family Medicine Pre-Clerkship Elective** has the same course description as Medicine 5660.

AR: attendance is required

CH: 0

**7000 Clerkship Preparation Course**

AR: attendance is required

CH: 2



## 10.2 Courses in the Third and Fourth Year of Medical Studies

The Third Year is approximately 14 months in duration; it begins in September and continues until November of the following year. It is composed of the core courses 7200-7250 and two (8 credit hours) elective courses. The Fourth Year begins immediately upon completion of the Third Year and continues until May of the following year. It includes one (4 credit hours) elective course, three (12 credit hours) selective courses, and Medicine 7280.

### 7200 Internal Medicine

AR: attendance is required  
CH: 15

### 7210 Surgery

AR: attendance is required  
CH: 10

### 7220 Psychiatry

AR: attendance is required  
CH: 10

### 7230 Pediatrics

AR: attendance is required  
CH: 10

### 7240 Rural Family Practice

AR: attendance is required  
CH: 5

### 7250 Obstetrics/Gynecology

AR: attendance is required  
CH: 10

### 7260, 7261 & 7263 Electives

AR: attendance is required

CH: 12 (4 each)

### 7270-7272 Selectives

AR: attendance is required  
CH: 12 (4 each)

### 7280 Integrated Basic, Community Health and Clinical Sciences

CH: 2

## 10.3 Courses Offered By the Faculty of Medicine for Non-Medical Students

**310A and 310B Human Physiology** covers the properties of nerve and muscle cells, the special senses, blood and body fluids, and the nervous, cardiovascular, digestive, immune, respiratory, urinary, endocrine and reproductive systems. Integration of the body's systems in maintaining homeostasis is emphasized. Priority for entry into this course is given to Biochemistry, Nutrition, Dietetics, and other students who are interested in experimental science.

CO: Biochemistry 2101

CR: Biochemistry 311A/B and Medicine 310A/B

LH: to be specified

PR: Biochemistry 2101

**4300 Introduction to General and Autonomic Pharmacology** deals with the general principles of pharmacology (dose-response relationship, drug-receptor interaction, absorption, distribution, metabolism, excretion of drugs), and drugs that affect neuromuscular and autonomic neurotransmission, the cardiovascular, gastrointestinal, and central nervous systems, and autacoids/prostanoids.

CO: Biochemistry 3106 or Pharmacy 3111

CR: Biochemistry 4220

LH: to be specified

PR: Medicine 310A/B or Biochemistry 311A/B, or Pharmacy 2002/2003 or the former Pharmacy 3201/3202.

