

FACULTY OF MEDICINE

FACULTY OF MEDICINE

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

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Associate Dean for BioMedical Sciences

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

Associate Dean for Community Health

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Assistant Dean for Post-Graduate Medical Education

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BIOMEDICAL SCIENCES

Associate Dean

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 Tomlinson, J.D.W., M.A., M.B., B.Chir. *Cambridge; Professor of Anatomy*

Professor of Neuroscience and Anatomy

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

Associate Professors of Anatomy

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

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*
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Professor of Molecular Biology

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Professor of Neuro/Molecular Biology

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

Professor of Molecular Virology and Medicine (Hepatology)

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Professor of Cell Sciences

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

Professor of Immunology

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Associate Professor of Immunology

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Professor of Endocrinology

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Professors of Oncology

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

Assistant 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; Cross Appointment to Pharmacy*

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*
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Assistant Professor of Cardiovascular Sciences

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Assistant Professor of Reproductive and Cell Biology/Physiology

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Cross Appointed from Psychology

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 Malsbury, C., B.A. *Northwestern, M.A., Ph.D. McGill*

Cross Appointed from Genetics

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

Cross Appointed from Medicine

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

Joint Appointed with Medicine

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Professor of Cardiovascular/Renal Physiology

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Associate Professor (Biological Psychiatry)

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Associate Professor of Surgery and BioMedical Science (Oncology Research)

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Adjunct Professor

Mandal, S.K., M.Sc. *Banaras Hindu University, Ph.D. Calcutta University*

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

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 Professor of Anesthesia**Jamieson, J.W., B.Sc., M.D. *Memorial*, FRCPC**Assistant Professors of Anesthesia**Harris, J., B.Sc., M.D. *Memorial*, FRCPCHowells, S., B.Sc., M.D. *Dalhousie*, FRCPCSamarasena, L.D.A., M.B., B.S. *Ceylon*, F.F.A.R.C.S. *Ireland*, FRCPCZbitnew, 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**Bautista, M.J., B.Med.Sc., M.D. *Memorial*, FRCPCFlynn, J.F., B.Sc., M.D. *Memorial*, FRCPCForward, R.G., B.Med.Sc., M.D. *Memorial*, FRCPCGreen, R.G., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPCNoel, F.D., B.Sc., M.D. *Memorial*, FRCPCPridham, J.N., M.D. *Western*, FRCPCWilliams, 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*, FRCPCCasey, A.P., B.Med.Sc., M.D. *Memorial*, FRCPCClarke, B.A., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPCCowan, G., B.Sc., M.D. *Memorial*, FRCPCDaly, M., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPCHughes, B., B.D.S., M.B., B.S. *London*, F.F.A.R.C.S.Klimek A., M.D. *Warsaw*, FRCPCLacey, D., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPCMajor, A.E., M.D. *Memorial*, FRCPCO'Leary, S., M.D. *Memorial*, FRCPCO'Regan, N., M.D. *Dalhousie*, FRCPCRedmond, E.B., B.Sc., M.D. *Memorial*, FRCPCSuppiah, 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.Ci.Sc. *Western Ontario*; Cross appointment to Counselling CenterRobbins, 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), FCFPWorrall, 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.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 MedicineMoffatt, 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/CGPParsons, 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.
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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*
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 Hurley, G., B.A. *Colorado College*, M.Sc., Ph.D. *Missouri*

Cross Appointed from Student Health Services

Vacant

Cross Appointed from Community Health

Vacant

GENETICS

Chair

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 C.F.M.G.
 Green, R., B.Sc., Ph.D. *Birmingham*

Associate Professors of Genetics

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

Assistant Professors of Genetics

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 Woods, M., Ph.D. *Memorial*
 Young, T., 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. *Hanan*, Dr.Med. *Zurich*

Cross Appointed from Biology

Carr, S., B.Sc. *PSU*, Ph.D. *California*

MEDICINE

Professor and Chair

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 FRCPC

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*, FRCPC

Professor of Medicine (Part-time)

Rusted, I.E., O.C., B.A. *Toronto*, M.Sc. *McGill*, M.D., C.M., LL.D.
Dalhousie, LL.D. *Mount Allison*, D.S.L. *Trinity College*, FRCPC,
 M.A.C.P.

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 (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

Professor of Medicine (Neurology)

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 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 Professors of Medicine

Colbourne, A., B.Sc. *Memorial*, B.A. *Oxford*, M.Sc., M.D. *Memorial*,
 M.A. *Oxford*, FRCPC
 Hamilton, S.F., 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 Professor of Medicine (Gastroenterology)

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
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Associate Professor of Medicine (Nephrology)

Paul, M., M.D. *Toronto*, FRCPC

Associate Professor of Medicine (Neurology)

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

Associate Professors of Medicine (Respirology)

Clarke, H., B.Sc. *Memorial*, M.D., C.M. *McGill*, FRCPC
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Associate Professor of Medicine & Genetics

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

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 Professor of Medicine (Cardiology)

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

Assistant Professor of Medicine (Endocrinology)

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

Assistant Professor of Medicine (Emergency Medicine)

Baggs, D., M.Sc., M.D. *Memorial*, FRCPC

Assistant Professors of Medicine (Gastroenterology)

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

Assistant Professor of Medicine (Hematology)

Tompkins, K.A., B.Med.Sc., M.D. *Memorial*, FRCPC

Assistant Professor of Medicine (Infectious Diseases)

Nguyen, C., B.Sc., M.Sc., M.D. *Toronto*, FRCPC

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

Assistant Professor of Medicine (Neurology)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
Murphy, S., B.Sc. *St. Francis Xavier*, B.Med.Sc., M.D. *Memorial*, FRCPC**Associate Professor of Medicine and Family Medicine**MacDonald, S.M., B.Sc.N., M.D. *McMaster*, C.C.F.P.**Assistant Professor of Medicine and Pharmacy**Mugford, G., B.Sc., 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
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 (Nephrology)**Handa, S.P., MB, BS *Punjab*, FRCPC, DABIM, FACP, DABN**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., B.Sc., M.D. *Manchester*, ABIM, FRCPC
MacCallum, G.C., M.D. *Dalhousie*, FRCPC
Rose, B.F., B.Med.Sc., M.D. *Memorial*, FRCPC
Spurrell, P.A., M.D., C.M. *Dalhousie*, FRCPC
Stone, E., B.Sc., M.D. *Memorial*, FRCPC
Young, J.G., M.B., B.Ch. *Ireland*, 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
Missan, S.S., M.B., Ch.B. *Sheffield*, 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)**Khraishi, M., M.B., B.Ch. *Cairo*, M.D. *Memorial*, FRCPC
Grant, E., B.Sc., M.D. *Dalhousie*, FRCPC
Rahman, P., M.D. *Memorial*, M.Sc. *Toronto*, FRCPC; Winner of the President's Award for Outstanding Research, 2003-2004**Clinical Assistant Professors of Medicine**Anandaakrishnan, C., M.B., B.S. *Caylon*, Dip.Derm. *London (U.K.)*, MRCP (U.K.)
Atalla, N.G., M.B., B.Ch. *Cairo*
Azher, T., M.B., B.S. *Allama Iqbalqal*, MRCPI
Bailey, P.A.B., B.Sc., M.D. *Saskatchewan*, FRCPC, DABPN
Berman, M.I., M.B., B.Ch. *South Africa*, FRC(SA)
Borgaonkar, R.D., M.B., B.S. *India*, FRCPC
Costain, G.A., B.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC
Dolan, S.P., B.Sc. *New Brunswick*, B.Med.Sc., M.D. *Memorial*, FRCPC, ABIM
El-Zubeidi, W., B.Sc.(Hons.) *Laurentian*, M.Sc., M.D. *Montserrat*
Forgeron, P., B.Sc.(Hons.) *Dalhousie*, M.Sc. *Queen's*, M.D. *Memorial*, FRCPC
Furlong, M.B., B.Sc. *Dalhousie*, M.D. *Memorial*, FRCPC
Gogan, N., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC
Graham, J.D., M.D. *Toronto*, FRCPC
Hancock, J.N., B.Sc.(Hons.) *Memorial*, FRCPC
Hannaford, M., B.Sc., M.D. *Memorial*, FRCPC
Hiscock, J.G., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC
Joshi, P.C., M.B., B.S. *Grants Medical College*, M.Sc. *Jefferson Medical College*, FRCPC, ABIMKneeling, D.N., B.Sc. *New Brunswick*, M.D. *Dalhousie*, CCFP, FRCPC, FABD
Landells, I.D.R., B.Med.Sc., M.D. *Memorial*, FRCPC
Lush, R.B., M.D. *Memorial*, FRCPC
MacDonald, E., B.Sc., M.D. *Dalhousie*, FRCPC
MacNeil, D., B.Sc.(Hons.) *Dalhousie*, M.Sc., Ph.D., M.D. *Alberta*, FRCPC
Markanday, A., M.D. *New York*, ABIM
Mathew, J., M.D. *Memorial*, FRCPC
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
Pippy, C., B.Sc. *McGill*, M.D. *Dalhousie*, FRCPC
Raju, M.R., B.Sc. *Dalhousie*, M.B., B.S. *Mysore*, FRCPC
Reddy, S.B., M.D. *Memorial*, FRCPC
Reid, P.H., B.Sc. *Memorial*, M.D. *Dalhousie*, MRCPC
Rorke, S.C., B.Sc., B.Med.Sc., M.D. *Memorial*, FRCPC
Sadowska, E.D., M.D. *Bialystok*, FRCPC
Sekhar, H.B.C., B.Sc., M.B., B.S., M.D. *India*, M.R.C.P. *United Kingdom*, FRCPC
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
Taylor, D., B.Sc., M.B., Ch.B. *Edinburgh*, FRCPC
Teskey, R., B.Sc. *Carlton*, M.D. *Ottawa*, FRCPC
Tong, A., M.B., B.S. *Hong Kong*, FRCPC
Trahey, J., B.Med.Sc., M.D. *Memorial*
Vasiliu, I.M.D., M.D. *Bucharest*, ABIM
West, P.H.F., B.Sc., M.D. *Dalhousie*, FRCPC**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**Clinical Assistant Professors (Dermatology)**Baxter, K.L., B.N., B.Sc. *Dalhousie*, B.Sc. *New Brunswick*, B.Med.Sc., M.D. *Memorial*, FRCPC, ABD
Hayes, R., B.Sc. *New Brunswick*, M.D. *Dalhousie*, FRCPC
Ohson, K., M.B., B.S. *Bombay*, M.D. *Memorial*, FRCPC
Tomi, Z., M.B., B.Ch. *Alfata*, MRCP(UK), 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. *Layola College*, M.D., C.M. *McGill*, FRCPC
Emenau, P.L., B.Sc., M.D. *Dalhousie*, FRCPC**Clinical Assistant Professor of Medicine (Intensive Care)**Engfield, E., B.Sc.(Hons.), M.D. *British Columbia*, FRCPC**Clinical Assistant Professors of Medicine (Medical Oncology)**Ahmed, C.E., M.B., B.S. *Quaid-i-Azam*, ABIM, ABMO
Zaidi, A., M.B., B.S. *Aga Khan*, ABIM
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
MacKinnon, M., B.Sc.(Hons.), M.Sc., M.D. *Dalhousie*, FRCPC
Shik, J., B.Sc., M.D. *Toronto*, 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)**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
Tompkins, B., B.Sc., M.D. *Memorial*, FRCPC
Verma, M., M.B., B.S., M.D. *Delhi*, 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. *Bombay*, M.Sc. *Jefferson*, FRCPC, ABIM

Clinical Lecturers of Medicine

Boodhun, M.S., M.B., B.S. *Karachi*
 Furey, M.U., M.D. *Memorial*, FRCPC

OBSTETRICS & GYNECOLOGY**Associate Professor and Chair**

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

Clinical Professor of Obstetrics & Gynecology

Isa, N., M.D. *Cairo*, FRCSC

Professor of Obstetrics and Gynecology

Tennent, D.A., L.R.C.P.S.(I), M.R.C.O.G., FRCSC

Professor of Obstetrics & Gynecology (Part-Time)

Dunne, J.T., B.Sc., M.D. *Dalhousie*, FRCSC

Adjunct Professor

Young, D.C., B.Sc. *Memorial*, M.D. *Dalhousie*, M.Sc. *McMaster*, FRCPC

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

Crane, J.M., M.D. *Memorial*, FRCSC; Winner of the President's Award for Outstanding Research, 2004-2005
 Gill, A., M.B., B.S. *India*, FRCSC, FRCOG
 Popadiuk, C., M.D. *Toronto*, FRCSC

Assistant Professors of Obstetrics & Gynecology

Dawson, L., M.D. *Memorial*, FRCSC
 Delaney, T., M.D. *Memorial*, FRCSC
 Healey, S., M.D. *Memorial*, FRCSC
 Howse, E., M.D. *Memorial*, FRCSC
 Power, P., M.D. *Memorial*, FRCSC
 Strand, T., M.D. *Alberta*, FRCSC

Cross Appointed from Medicine

Galway, A.B., B.Med.Sc., M.D. *Memorial*, FRCPC
 Joyce, C.J., M.D. *Dalhousie*, FRCPC
 Kovacs, C.S., M.D. *Queen's*, FRCPC; Winner of the President's Award for Outstanding Research 2002-2003

Cross Appointed from Pediatrics

Andrews, W., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCPC
 Aziz, K., B.A.(Hons.) *Cambridge*, M.B., B.S. *London (UK)*, M.R.C.P. (Peds) (UK), FRCPC

Clinical Assistant Professors of Obstetrics & Gynecology

Bakhet, M.M., MBBCh *Egypt*, MRCOG, FRCSC
 Bartellas, E., M.D. *Israel*, FRCSC
 Healey, C., M.D. *London*, FRCSC
 Kravitz, H., B.A., B.S., M.A. *Penn.*, M.D. *Memorial*, FRCSC
 Kum, F., M.D., *Ireland*, FRCSC
 Lord, H., M.D. *West Indies*, FRCSC
 Marais, N., M.B., Ch.B. *South Africa*, FRCSC
 Reardon, E., M.D. *Dalhousie*, FRCSC
 Roche, M.P., M.D. *Memorial*, FRCSC
 Sanderson, F., M.D. *McMaster*, FRCSC
 Webster, R., M.D. *Dalhousie*, 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**Acting Chair and Associate Professor of Laboratory Medicine (Pathology)**

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

Associate Professor of Medicine & Laboratory Medicine (Hematology)

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

Professor of Laboratory Medicine (Forensic)

Avis, S., B.Med.Sc., 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*

Associate 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. *Hanan*, Dr.Med. *Zurich*

Assistant Professors of Laboratory Medicine

Fontaine, D., B.Sc. *UNB*, M.D. *Memorial*
 Han, F.Y., M.D. *China*
 Pirzada, A., F.Sc., H.Sc., M.D. *Karachi*

Clinical Professor of Laboratory Medicine

Parai, S., M.B., B.S. *Dacca*, FRCPC

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*

Clinical Assistant Professors of Laboratory Medicine

Cook, D.M., B.Med.Sc., M.D. *Memorial*, FRCPC
 Denic, N., M.D., Ph.D. *Belgrade*, FRCPC
 Parai, M.R., M.B., B.S. *Dacca*, FRCPC
 Wadden, 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.*, Ph.D. *London*, FCACG

PEDIATRICS**Professor & Chair**

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*, FRCPC
 Buckley, 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*, FRCPC
 Morris, R.F., M.D. *Memorial*, FRCPC
 Newhook, L.A., M.D. *Memorial*, FRCPC
 Shah, S., M.B., Ch.B. *Makerere*, M.Med. (Pediatrics), FRCPC
 Vardy, C., M.D. *Memorial*, FRCPC

Associate Professor of Pediatrics (Neonatology)

Aziz, K., B.A.(Hons.) *Cambridge*, M.B., B.S. *London (UK)*, M.R.C.-P. (Peds)UKJ, FRCPC

Assistant Professors of Pediatrics

Bridger, T., B.Sc., M.D. *Memorial*, FRCPC
 Critch, J., M.D. *Memorial*, FRCPC
 Dominic, A., M.D. *Memorial*, FRCPC
 Drover, A., M.D. *Memorial*, FRCPC
 Moore, S., M.B., Ch.B. *Edinburgh*
 Noseworthy, M., M.D. *Memorial*, FRCPC
 Noseworthy, S., 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), FRCPC*
 Kamra, P., M.B., B.S. *Punjab, FRCPC*
 Muram, B., M.B., B.S. *India, FRCPC*

Clinical Assistant Professors of Pediatrics

Alam, M., M.B.B.S. *Pakistan*
 Alexander, W.J., M.D. *Memorial, FRCPC*
 Chrappa, J., M.D. *Bratislava, FRCPC*
 Dancey, P., M.D. *Memorial, FRCPC*
 Feener, T., M.D. *Memorial*
 Guntamukkala, P., M.B.B.S. *India, FRCPC*
 Hand, J., M.D. *Memorial, FRCPC*
 Kemp, I., M.B., Ch.B. *South Africa, FRCPC*
 Kwa, P.G., M.D. *Taiwan, FRCPC*
 Lambert, T.B., M.D. *Memorial, FRCPC*
 Luscombe, S., M.D. *Memorial*
 Marshall, I., M.D. *Memorial*
 Meek, D.C., M.B., B.Ch. *Cardiff (Wales), FRCPC*
 Natsheh, S.E., B.M.Sc., B.Sc. *Memorial, FRCPC*
 Ojay, C.R. *West Indies*
 Paras, E., *Istanbul (Turkey), FRCPC*
 Porter, R., M.D. *Memorial, CFPC*
 Reid, D., B.Sc. *Dalhousie, M.D. Memorial, FRCPC*
 Sanderson, S., *Toronto, FRCPC*

Clinical Associate Professor of Pediatrics (Immunology/Allergy)

Hamed, A., M.B., B.Ch. *Cairo, M.Sc.(Immunology) Memorial, FRCPC*

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, FRCPC*
 Rolfe, 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 Biochemistry

Keough, K., B.Sc.(Hons.), M.Sc., Ph.D. *Toronto*

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*;
 Member, Canadian Psychoanalytic Society; Cross Appointed to
 Counselling Centre

Professors

Muhammad, A., M.B.B.S. *Dow, MRCPsych, FRCP, Ph.D.,
 BCPsych, DPM, DCP, MCPS*
 Strong, H.R., M.D. *Memorial, FRCPC*

Associate Professors of Psychiatry

Craig, D.F., B.Sc. *McGill, M.D. Alberta, FRCPC*
 LeDrew, 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, D.A.B.P.N.*

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*
 Lynch, S., B.Sc., M.D., *Memorial, FRCPC*

Penney, A., M.D. *Memorial, FRCPC*

Assistant Professor (Cross Appointment from BioMedical Sciences)

Kirouac, G., B.A., M.Sc., Ph.D. *Manitoba*

Assistant Professor (Cross Appointment from Pharmacy)

Phillips, L., B.Sc.(Pharm.) *Memorial, Doctor of Pharmacy British
 Columbia*

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*
 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 Professor of Child and Adolescent Psychiatry

Maddigan, B., B.Sc., B.Med.Sc., M.D. *Memorial, FRCPC*

Clinical Assistant Professors of Psychiatry

Broaders, M., M.D. *Memorial, FRCPC*
 Cantwell, T., M.B., B.Ch., B.A.O., D.P.M. *Dublin*
 Caravan, C., M.D. *Memorial, FRCPC*
 Collins, D., B.Med.Sc., M.D. *Memorial, FRCPC*
 Doucet, J., B.Sc., M.D. *Memorial, FRCPC*
 Hogan, K., M.D. *Memorial, FRCPC*
 Kennedy, N., M.D. *Memorial, FRCPC*
 MacLaughlin, D., M.D., B.Med.Sc. *Memorial, FRCPC*
 Martins, I., B.Med.Sc., M.D. *Memorial, FRCPC*
 Porter, A., M.D. *Memorial, FRCPC*
 Pratt, D., B.Sc., M.D. *Memorial, FRCPC*
 Rayel, M., M.D. *La Salle University, Philippines, A.B.P.N.*
 Walsh, C., M.D. *Memorial, FRCPC*
 Weiner, M., M.D. *Poland, FRCPC*
 Young, N., M.B.A., M.D. *Memorial*

Clinical Assistant Professors of Child and Adolescent Psychiatry

McWilliam-Burton, T., 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*
 Gillespie, F.A., M.B., B.Ch., B.A.O. *N.U.I., FRCPC*
 Mekawy, M., M.B., Ch.B. *Alexandria University, Egypt*
 Niklas, J., M.D. *Charles University (Czech.), FRCPC*

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 of Psychiatry (Social Work)

Sinclair, C., B.A., B.S.W., M.S.W. *Memorial*

RADIOLOGY**Professor and Chair**

Cramer, B.C., M.B., B.Ch., B.A.O. *N.U.I., M.R.C.P. (UK), F.R.C.R. (UK)*

Clinical Associate Professors of Radiology

Bartlett, P.J., M.D. *Memorial, FRCPC*
 Bhatia, R.S., M.D. *McMaster, FRCPC*
 Bridger, S., M.D., C.M. *Dalhousie, FRCPC*
 Collingwood, P.W., M.D. *Memorial, FRCPC*
 Daniels, C., B.Sc., M.Sc. *Western Cape, Ph.D. Berne*
 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 Professor of Radiology (Combined Diagnostic Radiology and Nuclear Medicine)

Jefford, C., M.D. *Memorial*, FRCPC, A.B.N.M.

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
Heale, R., M.D. *Memorial*, FRCPC
Higgins, G.C., B.Sc. *Memorial*, M.D. *Dalhousie*, FRCPC
Hopkins, J.G., 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

Clinical Associate Professor of Radiation Oncology

Hong, K.E.M., M.D. *Dalhousie*, D.M.R.(T) *Toronto*, FRCPC

Clinical Lecturer of Radiation Oncology

Ganguly, P.K., M.B., B.S., F.R.R., R.C.S.I.

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 Professor of Surgery

Boone, D.C., M.D. *Memorial*, FRCSC

Assistant Professors of Surgery

Gardiner, P., B.Sc., M.D. *Dalhousie*, FRCSC
O'Dea, F., B.Sc. *Mt. Allison*, 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
Wells, M.K., B.Sc.(Chem), B.Med.Sc., M.D. *Memorial*, FRCSC
Wirtzfeld, D., B.A.(Hons.), B.Sc., M.D. *Calgary*, FRCSC

Cross Appointed from the Discipline of Genetics

Green, J., B.Sc., M.Sc. *British Columbia*, C.F.M.G.

Clinical Professors of Surgery

Maroun, F.B., M.D. *Lebanon*, FRCSC
Mitton, A., B.Sc. *UNB*, 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

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 (Urology)

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

Clinical Associate Professors of Orthopaedic Surgery

Noftall, F., B.Med.Sc., M.D. *Memorial*, FRCSC
Peddle, D.B., M.D. *Dalhousie*, 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 Orthopedic Surgery

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)
Barnhill, J., B.Sc. *Alberta*, M.D. *Western Ontario*, FRCSC
Blackwood, P.J., B.Med.Sc., M.D. *Memorial*, FRCSC
Browne, G.N., B.Med.Sc., M.D. *Memorial*, FRCSC
Cox, C.R., B.MSc., M.D. *Memorial*, FRCSC
Dunphy, D., B.Eng., B.Med.Sc., M.D. *Memorial*, FRCSC (Ophthal)
Johnston, B., B.Sc., M.D. *Dalhousie*, FRCSC
Kirby, S., P.Eng., M.D. *Memorial*, FRCSC
Lee, B.S., B.Sc., M.D. *Dalhousie*, FRCSC
Mann, C., B.Sc. *Mount Allison*, M.D. *Dalhousie*, FRCSC
McClellan, E.S., B.S. *Maryland*, M.D. *Mexico*, 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. *UNB*, M.D. *Dalhousie*, FRCSC
Thavanathan, M.J.M., M.B., B.S. *Sri Lanka*, FRCSC

Clinical Assistant Professors of Surgery (Plastic)

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

Clinical Associate Professor of Surgery (Pediatrics)

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

Clinical Associate Professor of Surgery (Plastic)

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

Clinical Lecturers of Surgery

Cardinal, J., B.Sc., D.D.S. *Northwestern*
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

DIVISION OF COMMUNITY HEALTH AND HUMANITIES**Associate Dean**

Connor, J.T.H., Ph.D., M.Phil. *University of Waterloo*, M.A.
University of Western Ontario, B.Sc. *University of Guelph*

EPIDEMIOLOGY AND PUBLIC HEALTH**Professor Emeritus**

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

Honorary Research Professors of Epidemiology

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*

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

Clinical Professor of Microbiology and Epidemiology

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

Adjunct Professor of Epidemiology

Aldoori, W., M.D. *Cairo, M.P.A., D.Sc. Harvard*

Associate Professor of Community Health

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

Assistant 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 Assistant Professors of Community Health and Humanities

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

Hogan, K., B.Sc., M.D. *Memorial, FRCPC*

Roberts, A., B.Sc., B.Med.Sc., M.D. *Memorial*

Stratton, F., B.Med.Sc., M.D. *Memorial, M.H.Sc. Toronto*

Assistant Professor of Epidemiology and Public Health

Jones, A., Ph.D. *University of Guelph, D.V.M. Ontario*

Associate Professor of Nutrition/Dietetics Jointly Appointed with Biochemistry

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

Memorial

Adjunct Professor of Community Nutrition

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

Clinical Assistant Professor of Occupational Medicine

O'Shea, C., L.R.C.S.P.I. *Dublin, M.I.C.G.P., C.C.B.O.M.*

Clinical Lecturer, Nutrition

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

SOCIAL AND BEHAVIOURAL SCIENCE**Associate Professor of Social Science and Health**

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

Assistant Professor of Social Science and Health

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

Adjunct Professors of Social and Behavioral Science

Flick, U., Dip.Psych., Dip.Soc., Ph.D. *Free U Berlin, Habilitation*

Tech U Berlin

Hanrahan, M., Ph.D. *London, UK, M.A. Ottawa, B.A. Memorial*

Clinical Lecturer in Community Health

Tilley, N., B.A. *Memorial, M.A. Regis*

HEALTH CARE DELIVERY**Associate Professor of Health Care Policy and Delivery**

Neville, D., B.N. *Memorial, M.Sc.N. Toronto, S.M., Sc.D. Harvard*

Cross Appointed from Department of Political Science

Tomblin, S.G., B.A. *Calgary, M.A. Dalhousie, Ph.D. British Columbia*

Associate Professor of Health Policy/Health Services Delivery

Mathews, M., B.Sc., B.A. *Calgary, M.H.S.A. Alberta, Ph.D. Toronto*

Clinical Assistant Professors of Health Care Delivery

Dawe, J., R.N. *St. Clare's, B.A. Memorial, C.H.E.*

Clarke, B., B.S.W. *Memorial, M.S.W. Carleton, R.S.W.*

House, J., B.A. *Reading, B.Ed. Memorial, LL.B. Dalhousie*

HEALTH STATISTICS AND HEALTH INFORMATION SYSTEMS**Professor of Biostatistics**

Gadag, V., B.Sc., M.Sc. *Karnatak, M.Phil., Ph.D. Poona; Cross appointment to Department of Mathematics and Statistics*

Cross Appointed from Department of Economics

May, J.D., B.Comm. *Queen's, D.Phil. York (England)*

Cross Appointed from Department of Geography

Simms, A., B.A. *Memorial, M.Sc., Ph.D. Calgary*

Assistant Professor of Health Statistics and Economics

Audas, R., B.B.A. *New Brunswick, M.B.A., M.A. Dalhousie, Ph.D. Wales*

MEDICAL HUMANITIES**John Clinch Professor of Medical Humanities and History of Medicine**

Connor, J.T.H., B.Sc. *Guelph, M.A. Western Ontario, M.Phil., Ph.D. Waterloo*

Associate Professor of Medical Ethics

Pullman, D., B.R.E. *Briercrest, B.Ed. Western, M.Div. Biola, M.A., Ph.D. Waterloo*

Assistant Professor of Health Care Ethics

Brunger, F., B.A.(Hons.) *Winnipeg, M.A., Ph.D. McGill*

Associate Professor of Humanities

Connor J.J., B.A. *Guelph, M.A. York, M.Phil. Waterloo, Ph.D. Western Ontario*

Adjunct Professor

McDonald, P., B.A. *Memorial, L.L.B. Osgoode Hall*

PROFESSIONAL DEVELOPMENT AND CONFERENCING SERVICES (PDCS)**Vice Dean**

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

Assistant Dean

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

Director, Academic Development For Specialists

Fox, G., M.D. *Memorial, M.Sc. Western Ontario, FRCPC, FCCP*

Director, Academic Development (Family Physicians)

Rourke, L., M.D. *Western Ontario, C.C.F.P., F.C.F.P., MCISc*

Director, Research and Development

Curran, V.R., B.A. *Memorial, Dip.Ad.Ed. St. Francis Xavier, M.Ed. Dalhousie, Post Grad. Cert. British Columbia, Ph.D. Guelph*

Director, Faculty Development

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

Director, Assessment and Retraining

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

Director, CSAT Program

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

Director, Professional Development and Conferencing Services

Kirby, F., B.Sc., B.Ed., M.Ed. *Memorial*

CENTRE FOR COLLABORATIVE HEALTH PROFESSIONAL EDUCATION (CCHPE)**Co-Director and Associate Professor of Medical Education**

Curran, V.R., B.A. *Memorial, Dip.Ad.Ed. St. Francis Xavier, M.Ed. Dalhousie, Post Grad. Cert. British Columbia, Ph.D. Guelph*

Co-Director and Professor of Education

Sharpe, D.B., Cert.Ed. *Loughborough College, B.Ed., M.Ed. Alberta, Ph.D. Texas A and M*

CENTRE FOR OFFSHORE & REMOTE MEDICINE (MEDICORE)**Medical Director**

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

Technical Director

Decker, D., Diving Safety Specialist

AssociateO'Shea, C., L.R.C.P.S. and P.I. *Dublin, M.D.***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*Glynn, L., B.A. *Memorial, M.L.I.S. UBC*Morgan, P., B.A.(Hons.) *Memorial, M.L.I.S. McGill, M.B.A.**Memorial*Reid, A., B.A. *Acadia, M.L.I.S. Dalhousie*Wotherspoon, S.M., B.A. *Queen's, B.L.S. Toronto***MEDICAL EDUCATION AND LABORATORY SUPPORT SERVICES****Manager**

Evelly, E., R.T.

HEALTH SCIENCES INFORMATION AND MEDIA SERVICE**Manager**Beckett, G., B.A. *Simon Fraser, M.L.S. McGill*

1 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.

2 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.

3 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)

4 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.

5 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.

6 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.

6.1 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.

6.2 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, General 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; excepting General Surgery which is a total length of six years.

6.3 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.

6.4 Registration

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

6.5 Licensure in Newfoundland and Labrador

All trainees must be eligible for and obtain an educational license from the Newfoundland Medical Board (NMB).

Advice will be provided by the Postgraduate Medical Studies Office.

Note: *It is a requirement of the Newfoundland Medical Board that International Medical Graduates have passed the Test of Spoken English (as well as the University requirement of TOEFL).*

7 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 Master's, Ph.D. or M.D.-Ph.D. degree. Areas of strength include Applied Health Services Research, Cancer, Cardiovascular and Renal Sciences, Clinical Epidemiology, Community Health and Humanities, 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.

8 Regulations for the Degree of Doctor of Medicine

8.1 Admission to the Faculty of Medicine

1. All applications for entry to the program of studies leading to the MD 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 MD 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 MD 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/pages/appPreparation.htm.
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 re-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.

8.2 Evaluation

1. Subject to the approval of Senate, the overall policy of evaluation and the planning of the programs of studies leading to the MD 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 person 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.

8.3 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 MD 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.

8.4 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.

9 Medicine Courses

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.

9.1 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

9.2 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

9.3 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.