CONTENTS

1  Great Memories Great Future
2  Message from the Director
5  Neuro Advisory Board: Minding our Future
6  Campaign Cabinet 2007-2012: Thinking Ahead
7  Raising The Neuro’s Profile
8  Faculty: Our World-class Thinkers
9  New Faculty at The Neuro: Added Brainpower
10  Faculty Awards and Distinctions: Great Minds, Great Achievements
13  Nurses: Our Nerve Centre
14  CECR Award: Brainwaves
16  Sharing Insights Worldwide: Minds over Matter
18  Patient Services: Better Lives Ahead
25  The Neuro Annual Fund: Surpassing the $1 Million Milestone
26  Compassion: What it Takes to Give
28  Financial Summary
30  In Memoriam
32  The Neuro at a Glance

Administration

Director
David R. Colman, PhD

Associate Directors
Mark Angle, MD
Philip Barker, PhD
Robert Dunn, PhD
Thomas Gevas
Elizabeth Kofron, PhD
Donatella Tampieri, MD

Administrative Director
Neuroscience Mission, MNH
Martine Alfonso

Associate Director of Nursing, neuroscience
Patricia O’Connor, RN, MSc(A), CHE
Lucia Fabijan, BN, MSc(A)

1  Director of Nursing & Chief Nursing Officer at the McGill University Health Centre as of October 2009.

Executive Director, External Affairs
Catherine Rowe, CFRE

Editor
Sandra McPherson, PhD

Design & production
cgcom.com

The editor would like to acknowledge the work of photographer Owen Egan and the staff of Neuro Media Services. Thanks to the faculty and staff of The Neuro and donors and volunteers for contributing images used in this report.

This report covers the period June 1, 2007 to May 31, 2010.

Le rapport est disponible en français.

The Montreal Neurological Institute is proud to be a Killam Institution, supported by the Killam Trusts. In 1966, the Izaak Walton Killam Memorial Endowment Fund and Fund for Advanced Studies were established at the Montreal Neurological Institute through the bequest of Dorothy Johnston Killam. These funds support the academic and training mission of the Institute, and are invaluable to advancing our work in neuroscience.
2009-2010 marked The Neuro’s 75th Anniversary. As we fast-forward into the future, we celebrate a history rich in innovation and discovery, uniting outstanding research and compassionate patient care. In 1934, Dr. Wilder Penfield charted a future where Montreal would give the world hope for conditions ranging from migraines to stroke to Parkinson’s disease. As the first to map key functional regions of the living brain, Dr. Penfield inspired creativity in all who came to The Neuro to study the brain and care for patients with neurological and neurosurgical conditions. Today, The Neuro’s clinicians, researchers and former fellows around the world continue to break new ground. Seventy-five years of evolution have created an organization that is stronger than ever and stands as a model for institutions around the world.

“When travelling abroad, I meet people who talk to me about the Neuro. Not everyone at home realizes that the Neuro is a one of the world’s top institutions. In fact, it is one reason why Montreal is recognized globally as a life sciences research centre. And that inspires us; it drives us in our university hospital initiatives, because we want to maintain Quebec’s position, and the Neuro is at the very foundation of this desire and of this recognition for Quebec.”

– Jean Charest
Premier of Quebec

“It’s all about excellence in the tradition of research. This is truly one of the institutes, if one looks at all of Canada’s health research fields together, that is recognized world-wide for the quality of the science conducted here. The other aspect is that this science is completely focused on the brain—all aspects of the brain. From the molecule to functioning and thinking, in other words neuropsychology. As a result, the entire range of brain functions is under scrutiny. What is unique at the Neuro is the way this research is integrated with patient care. And the benefits are not only from laboratory to patient, but also from patient to laboratory. In other words, the research findings are applied to patient care and help improve the health of all Canadians.”

– Alain Beaudet
President, Canadian Institutes of Health Research

Heather Hiscox (right), host of CBC News: Morning and member of the Neuro’s Advisory Board, speaks with Dr. Brenda Milner.

Celebrating The Neuro’s 75th Anniversary celebrations (from left to right): CIHR President Dr. Alain Beaudet, McGill Dean of Medicine Dr. Richard Levin, MUHC CEO Dr. Arthur Porter, Neuro Director Dr. David Colman, Premier Jean Charest, McGill Principal Heather Munroe-Blum, OC and Former Alcan CEO and Campaign Co-Chair for The Neuro’s Thinking Ahead campaign, Mr. Jacques Bougie, OC.

“Great Memories, Great Future”
Celebrating 75 Years at The Neuro
In the view of the reviewers, research at The Neuro keeps our clinical efforts at the cutting edge, and our clinical efforts focus and augment our science. These are indeed gratifying words for those who value the unique integration of research and clinical neuroscience that has characterized The Neuro since its founding, and I am proud to announce that after 75 years, The Neuro is still at the very top in terms of global reputation.

In my view, our international stature is achieved, like our research and clinical outcomes, through the dedication and drive of every scientist, clinician, nurse, allied health professional, student, staff member and volunteer who commits to The Neuro mission. It is to them that I extend my thanks and congratulations for our ongoing accomplishments.

As our first good news, the Capital Campaign, under the volunteer leadership of Jacques Bougie and Dominic D’Alessandro, has passed the $38 million mark with significant gifts toward the North Wing from the J.W. McConnell Family Foundation, the Molson Foundation, the Cyril & Dorothy and Joel & Jill Reitman Foundation, the Estate of John Gordon, Mr. and Mrs. Paul G. Desmarais, Hugh Hallward, Manulife Financial, Power Corporation, the Fondation Jeunesse-Vie and CGI, and campaign co-chairs, Jacques Bougie and Dominic D’Alessandro. The Neuro-Engineering Program received founding support from Rio Tinto Alcan and the Molson Foundation. New fellowships were established thanks to support from National Bank Financial Group, CIBC, Brian Levitt and Claire Gohier, Dr. Brenda Milner, and Dr. Shirley Ferguson Rayport.

In addition, generous gifts in support...
of cutting-edge clinical care and innovative research programs were received from BMO Financial Group, RBC, Carolyn and Richard Renaud, Roasters Foundation, Scotiabank, The Tenaquip Foundation and the Reed Family, and the R. Howard Webster Foundation.

We achieved a new milestone in 2009 when The Neuro Annual Fund led by volunteers Lorena Cook and Leigh Taylor generated over $1 million, including $100,000 from our Faculty and Staff Campaign. Key volunteers Warren and Joan Chippindale formalized a planned giving initiative with François Perreten and Marie Carrigan to facilitate bequests that represent about 16% of the gifts to The Neuro year after year. With the help of Jacques Bougie and Luc Beauregard, we received contributions of free media space and advertising time worth over $2.4 million to make our spectacular national public awareness campaign possible. This strong support for The Neuro, even in a challenging economic environment, affirms the value of our integrated clinical and research mission, and speaks to the impact we have on our patients, friends, staff and the community at large. With two years remaining in our capital campaign, we continue to implement our plans for new programs and new discoveries at The Neuro.

Last year, for our 75th anniversary celebration, Quebec Premier Jean Charest opened our international symposium that featured Nobel Laureates and other award-winning neuroscientists.

We hosted a spectacular open house and our first ever gala, and these events brought us closer to our former Fellows who trained at The Neuro before establishing prestigious careers around the world. As part of our commitment to maintain The Neuro tradition of facilitating training and development in neuroscience worldwide, we have expanded our efforts by hosting clinicians from Cuba and Honduras, and students from Barbados, China and India, and dispatching neuroscientists to Chile and Brazil.

Funds from our Centre of Excellence in Commercialization and Research award supported 40 scientific projects and allowed us to create 18 new fellowships and studentships. And, to further realize the translational value of our research, we created a commercialization committee staffed by leaders from industry and McGill University.

The Neuro is a central component of the expanded neuroscience program at McGill, where neuroscience is a strategic priority. The Neuro now houses the office of the new McGill Integrated Program in Neuroscience (IPN), a multi-disciplinary, multi-site graduate program, which increases the visibility of neuroscience at McGill and enhances our ability to recruit the best students from around the world. In keeping with the growth of neuroscience, Neuro faculty members have graduated to senior positions across campus and across Canada. Alain Beaudet, former Professor at The Neuro and past President of the Fonds de la recherche en santé du Quebec (FRSQ), was named President of the Canadian Institutes of Health Research (CIHR). Neuro faculty who are pursuing their research programs while assuming new responsibilities at McGill are Professor Heather Durham as Associate Dean of Graduate and Postdoctoral Studies; Lesley Fellows and Alyson Fournier as Co-Directors of the Faculty of Medicine MD/PhD program; Josephine Nabatoglu and David Ragsdale co-direct the IPN; Eugene Bereza, Director of the Neuro’s Ethics Committee, has been named Director of the McGill Bioethics Unit; and, at the McGill University Health Centre, Alain Ptito is Psychologist-in-Chief and Patricia O’Connor is now Director of Nursing & Chief Nursing Officer at the MUHC.

To maintain the momentum of growth, we welcomed new faculty members, Andrew Reader, an expert in image reconstruction and modeling in high resolution positron emission tomography (PET); Eliane Kobayashi, an expert in epilepsy; and radiopharmaceutical chemist Esther Schirrmacher, who also joined the PET research team in the McConnell Brain Imaging Centre. We said goodbye and thank you to recent retirees, Professors Alain Beaudet, Mirko Diksik, Christopher Thompson and Marilyn Jones-Gotman; Marilyn Kaplow, Administrative Director of the Neuroscience Mission; and Carol Weins, Neuro Librarian. We suffered the loss of two revered colleagues and friends with the deaths of George Karpati and Ernst Meyer.

Our educational outreach initiatives are moving at a fast pace. In partnership with the National Film Board of Canada, we are developing a 3D film on the brain. Neuropolis, based on more than 80 hours of interviews with experts at The Neuro and elsewhere, uses the city as a metaphor to reveal the complex structure and function of the nervous system. Neuro faculty and students continue to be engaged with emerging young scientists through Discovery Day and Brain Awareness Week. We created the NEURO.science.letter, a new e-publication on our research for a general audience, and The Neuro is now on Facebook.
We have also committed to establish a Neuro-Palliative Care Unit, which will be the first in North America and builds on the commitment of Neuro staff to provide the highest standard of care to patients and their families. This initiative is part of the highly-regarded McGill Palliative Care Program, known worldwide for training and the delivery of compassionate care for patients with terminal illness.

Some final accolades to colleagues who are very active at The Neuro: Fred and Eva Andermann were honoured with an international symposium, the annual Denis Melançon lecture was created in neuroradiology, and Brenda Milner was recognized for her pioneering work in cognitive neuroscience with the NSERC Award of Excellence and the prestigious Balzan Prize. The energy of these honoured colleagues inspires us all with the drive to achieve as The Neuro moves into another new decade.

We welcome you to join us on this journey.

David R. Colman, PhD
Director

“IMAGINATION IS MORE IMPORTANT THAN KNOWLEDGE. For knowledge is limited to all we now know and understand, while imagination embraces the entire world, and all there ever will be to know and understand.”

Albert Einstein
Neuro Advisory Board
MINDING OUR FUTURE

Luc Beauregard, CM
Executive Chairman
RES PUBLICA Consulting Group Inc.

Jacques Bougie, OC
Corporate Director
Co-Chair, The Neuro’s
Thinking Ahead Campaign

Frederick Burbidge, OC
Former Chairman
Canadian Pacific Limited
Former Governor, McGill University

Warren Chippindale, CM, LLD, FCA
Former Chairman &
Chief Executive Partner
Coopers & Lybrand International
Governor Emeritus, McGill University

David R. Colman, PhD
Director
Montreal Neurological Institute
and Hospital

Lorena Cook
Sarah Cook Fund of the
Cedars Cancer Institute

Marvin Corber, CM, FCA
Consultant
RSM Richter
Governor Emeritus, McGill University

David M. Culver, CC, OQ, MBA, LLB
President
CAI

Jacques Daccord
Chairman
Magnov Inc.
Former Chairman,
The Ideal Metals Group

A. Jean de Grandpré, CC
Founding Director &
Chairman Emeritus
BCE Inc.
Chancellor Emeritus,
McGill University

Leonard Ellen, LLB
Chairman
Leonard Ellen Canada Inc.

Kappy Flanders
Co-Chair
Council on Palliative Care
Steering Committee, McGill-Minis
Governor, McGill University

Abraham Fuchs, MDCM
Professor of Medicine
McGill University

Lynne Gervais
Associate Vice-President,
Human Resources
McGill University

Heather Hiscox
Anchor
CBC (Television) News: Morning

Najeeb Khalid
Chairman & Chief Executive Officer
Escher-Grad Technologies Inc.

Richard Levin, MD
Vice-Principal (Health Affairs)
Dean of Medicine
McGill University

Philip O’Brien, CM
Senior Advisor
Telemedia Development Inc.

Alex Paterson, OC, OQ, QC
Senior Partner
Borden Ladner Gervais LLP
Former Chairman, Board of Governors
McGill University

The Honourable Arthur T. Porter, P.C., MD
Director General & Chief
Executive Officer
McGill University Health Centre

Dorothy Reitman, CM
The Cyril & Dorothy and Joel & Jill
Reitman Family Foundation

Susan Riddell-Fitzpatrick
Governor Emeritus
McGill University

Warren Simpson, FCA
Chartered Accountant
Benvest Capital Inc.
Former Governor, McGill University

L.E. Smith, LLB, QC
Partner
Bennett Jones LLP

Rima Rozen, PhD
Vice-Principal (Research &
International Relations)
McGill University

Meredith Webster
Board Member
R. Howard Webster Foundation

SCIENTIFIC ADVISORS

Sir John Bell, FRS, PMedSci
Regius Professor of Medicine
University of Oxford (England)

Daniel Dennett, PhD
Director
Center for Cognitive Studies
Austin B. Fletcher
Professor of Philosophy
Tufts University (USA)

Vijayalakshmi Ravindranath, PhD
Professor and Chairman
Centre for Neurosciences
Indian Institute of Science (India)

Louis Siminovitch, CC, PhD, ScD
Director Emeritus
Samuel Lunenfeld Research Institute
Mount Sinai Hospital (Canada)

Bernard Zalc, PhD
Directeur
Biologie des Interactions Neurones/Glie
Institut national de la santé
et de la recherche médicale (France)

Jian-ning Zhang, MD
Director
Tianjin Neurological Institute
Tianjin Medical University
General Hospital (China)

NEURO SENIOR MANAGEMENT

Martine Alfonso
Administrative Director
Neuroscience Mission

Mark Angle, MD
Associate Director
Professional Services

Philip Barker, PhD
Associate Director
Strategic Planning

Robert Dunn, PhD
Associate Director
Scientific Affairs

Lucia Fabijan, BN
Associate Director, Neuroscience Nursing

Thomas Gevas
Associate Director
Chief Financial Officer

Elizabeth Kofron, PhD
Associate Director
Corporate Affairs & Special Projects

Catherine Rowe, CFRE
Executive Director
External Affairs

Donatella Tampieri, MD
Associate Director
The momentum of The Neuro’s Thinking Ahead Campaign continues to exceed objectives and this is both a tribute to the tremendous efforts of our campaign volunteers and the vision of our generous donors.

Co-Chairs
Jacques Bougie, OC
Corporate Director
Dominic D’Alessandro, OC
Former President and Chief Executive Officer
Manulife Financial

Leonard Ellen
Chairman
Leonard Ellen Canada

Najeeb Khalid
President and Chief Executive Officer
Escher-Grad Technologies

Richard Renaud
Chairman and Chief Executive Officer
TNG Corporation

Meredith Webster
Board Member
R. Howard Webster Foundation

Toronto
Camillo di Prata
Executive Vice-President and Managing Director,
Head of Corporate and Investment Banking
National Bank Financial

James Doak
President and Managing Partner
Megantic Asset Management Inc.

L. R. (Red) Wilson, OC
Chairman
The Wilson Foundation

Eastern Canada
Allison McCain
Chairman
McCain Foods Ltd.

Communications
Luc Beauregard, CM
Executive Chairman
RES PUBLICA Consulting Group Inc.

Major Gifts
Morton Brownstein, CM
Chief Executive Officer
Brown’s Shoe Shops Inc.

Jean-Guy Desjardins
Chairman and Chief Executive Officer
DJM Capital Inc.

Planned Giving
Marie Carrigan
Co-Founder
Omnibus Distribution

Warren Chippindale, CM
Former Chairman and Chief Executive Partner
Coopers & Lybrand International

Joan Chippindale
Lifetime Member
Montreal Children’s Hospital Auxiliary

François Perreten
Co-Founder
Omnibus Distribution

Annual Giving
Lorena Cook
National Neuro Annual Fund Chair

Leigh Mackenzie-Taylor
Montreal Chair
Neuro Annual Fund Committee

Honorary Faculty and Staff Campaign Co-Chairs
Dr. William Feindel, OC
Professor
Dr. Brenda Milner, CC
Professor

Former Fellows
Dr. Eva Andermann
Professor
Dr. Frederick Andermann, OC
Professor

Foundations
Warren Chippindale, CM
Former Chairman and Chief Executive Partner
Coopers & Lybrand International

A. Jean de Grandpré, CC
Director Emeritus
BCE Inc.
In May 2008, The Neuro embarked on a campaign to raise public awareness of our outstanding work and the importance of neuroscience in our lives. Since then, close to $3 million worth of free TV, print and outdoor advertisements have been seen in Montreal and across the country. Our thanks to Astral Media for launching this initiative with $2.3 million in donated advertising space. In addition, we recognize and thank St. Joseph Communications, Mediacity and Lumibus, along with CGCOM, our Montreal communications agency, all of whom are partners with us on this initiative.

EXTERNAL AFFAIRS STEERING COMMITTEE
Under the leadership of Luc Beauregard, the External Affairs Steering Committee works with The Neuro’s Office of External Affairs to maximize opportunities to raise The Neuro’s profile within the Quebec population.

Roberto Bellini
President and Chief Executive Officer
BELLUS Health Inc.

Alan Desnoyers
District Vice President
Montreal Downtown
BMO Financial Group

Danièle Dufour
Director, Corporate Communications
McKesson Canada

Andrew Molson
Vice-Chairman, Legal Affairs and Corporate Secretary
RES PUBLICA Consulting Group Inc.

Jennifer Pevé
Community Volunteer

Sylvie Roy
Vice-President, Corporate Marketing and Communications
National Bank Financial Group
Emeritus Professors
Donald Baxter, OC, MD*
Gilles Bertrand, OC, MD*
Roméo Ethier, MD*
William Feindel, OC, GOQ, MDCM, D.Phil.
Hanna Pappius, PhD*
Alan Sherwin, MD, PhD*
John Stewart, MD*
Christopher Thompson, ScD*

Professors
Eva Andermann, MD, PhD
Frederick Andermann, OC, MD
Jack Antel, MD
Douglas Arnold, MD
Massimo Avoli, MD, PhD
Philip Barker, PhD
Alain Beaudet, MD, PhD*
David Colman, PhD
Rolando Del Maestro, MD, PhD
Mirko Diksic, PhD*
Robert Dunn, PhD
Heather Durham, PhD*
Alan Evans, PhD
Jean Gotman, PhD
Daniel Guittton, PhD
Edith Hamel, PhD
Kenneth Hastings, PhD
Paul Holland, PhD
Barbara Jones, PhD
Marilyn Jones-Gotman, PhD*
George Karpou, OC, CQ, MD*
Richard Leblanc, MD
Peter McPherson, PhD
Brenda Milner, CC, GOQ, ScD, PhD
André Olivier, MD, PhD
Michael Petrides, PhD
Bruce Pike, PhD
Gilles Poulter, MD
Alain Pito, PhD
John Richardson, MD, PhD
Richard Riopelle, MD
Abbas Sadikot, MD, PhD
Philippe Sgueula, PhD
Eric Shoubridge, PhD
Wayne Sossin, PhD

Associate Professors
Michel Aubé, MD
Amit Bar-Oz, MD
Andrea Bernasconi, MD
Daniel Chartrand, MD
Jean-François Cloutier, PhD
Louis Collin, PhD
Alain Dagher, MD
François Dubeau, MD
Lesley Fellows, MD, PhD
Edward Fon, MD
Alyson Fournier, PhD
Line Jacques, MD
Pet Kavan, MD
Timothy Kennedy, PhD
Yves Lapierre, MD
Denis Melançon, MD
Josephine Nalbantoglu, PhD
David Ragdale, PhD
Andrew Reader, PhD
Ghislaine Savard, MD
Ralf Schirrmacher, PhD
Jeanne Teitelbaum, MD
Daria Trojan, MD
Ivan Woods, MD

Assistant Professors
Mark Angle, MD
Barry Bedell, MD, PhD
Tania Bruno, MD
Maria Del Pilar Cortes Nino, MD
Jelena Djordjevic, PhD
Liam Durnan, MD
Lucia Fabijan, RN, MSc(A)
Steven Frey, PhD
Daniel Gendron, MD
Angela Genge, MD
Benoit Goulet, MD
Christophe Grova, PhD
Marie-Christine Guiot, MD
Jeffrey Hall, MD
Denise Klein-Broomberg, PhD
Eliane Kobayashi, MD, PhD
Theodore Kolivakis, MD
Neda LadBnos-Bernasconi, MD, PhD
Marcelo Lannes, MD
Gabriel Leonard, PhD
Diane Lowden, RN, MSc(A), MSCN
Mohammad Maleki, MD
Judith Marcoux, MD
Ernst Meyer, PhD*
Thierry Muazza, MD
Patricia O'Connor, RN, MSc(A), CHE
Christopher Pack, PhD
Liliana Pedraza, PhD
Kevin Petrecca, MD, PhD
Bobbi Popovec, MD
Deborah Radcliffe-Branch, PhD
Jean-Pierre Roy, MD
Edward Ruthazer, PhD
Frederick Saleovsky, MD
Esther Schirrmacher, PhD
Amir Shmuel, PhD
David Sinclair, MD
Denis Sirhan, MD
Jean-Paul Soucy, MD
Thomas Stroh, PhD
Viviane Suklas, PhD
Martin Veilleux, MD

Lecturers
Samson Antel, PhD
Diane Diorio, MD
Maria Hamakiotis, RN, MSc(A)
Sridar Narayanan, PhD
Claire Nehme, RN, MScN
Rosa Sourial, RN, MSc(A)
Walter Vanast, MD, PhD

1 President & Chief Executive Officer, Canadian Institutes of Health Research
2 Associate Dean of Graduate and Postdoctoral Studies
3 Deceased February 6, 2009
4 Deceased February 5, 2010
* Retired

Stellar Scholars, Dedicated Physicians, Leading the Pathways of Discovery
New Faculty at The Neuro

ADDED BRAINPOWER

The Neuro’s ultra-specialized scientists and clinicians are recruited from all over the globe for their unmatched expertise; their work covers a broad spectrum of neuroscience, creating one of the most diverse and innovative research and clinical environments in the world.

Eliane Kobayashi is a neurologist with expertise in the field of Epilepsy. A native of Brazil, Dr. Kobayashi completed her medical and doctoral training at the Campinas State University. She conducted post-doctoral research at The Neuro and was appointed an Assistant Professor in 2007. Dr. Kobayashi has received numerous awards including the Early Career Physician-Scientist Award from the American Epilepsy Society. Her research at The Neuro focuses on the application of multimodal neurophysiology and imaging (EEG, MEG, EEG-fMRI and MRI) in the diagnosis and understanding of epilepsy.

Andrew Reader joined The Neuro’s brain imaging group as an Associate Professor in the Department of Neurology and Neurosurgery. A native of the UK, Dr. Reader was Senior Lecturer in the Faculty of Engineering and Physical Sciences at the University of Manchester where he had worked since 1999. He earned a BSc in Physics and Computational Physics at the University of Kent in Canterbury, and a PhD in Medical Physics at the University of London. Dr. Reader conducts research on image reconstruction, data correction, system and kinetic modeling with high resolution 4D Positron Emission Tomography (PET), which is a powerful imaging technique used in oncology, neurology and cardiology with emerging applications in molecular imaging.

Esther Schirmacher, a distinguished radiochemist trained at the University of Tübingen, Germany, joined The Neuro as an Assistant Professor in the McConnell Brain Imaging Centre. Dr. Schirmacher, formerly at the Lady Davis Research Institute, does radiopharmaceutical research and studies neuroendocrine tumours.

New Leadership for the Neuroscience mission

Martine Alfonso joined The Neuro in April 2009 as the new Administrative Director of the MUHC’s Neuroscience mission. Ms. Alfonso is responsible for the administration of clinical activities at The Neuro, neuroscience activities at the Montreal General Hospital and related ambulatory services. In her previous position at the Institut de réadaptation de Montréal, she was head of the Stroke Program and co-led the Montreal Stroke Network, an MUHC initiative, with Dr. Richard Riopelle. Ms. Alfonso has a BSc in Physical Therapy from McGill and a Masters of Business and Organizational Development from Université Laval.

Ms. Alfonso takes over from Marilyn Kaplow, who retired in 2009. In addition to her role at The Neuro, Ms. Kaplow also served as Director of Quality Management, MUHC. She made a career from her commitment to quality and compassionate care for patients. We thank her for her indefatigable championship of The Neuro.

New role for Lucia Fabijan

In 2010, Lucia Fabijan was named Associate Director of Nursing for the Neuroscience Mission, which has services at The Neuro and the Montreal General Hospital. Before taking on this new role, Ms. Fabijan held key leadership positions in the Neuroscience Mission as Coordinator of Nursing Education and Coordinator of Ambulatory Services, and was instrumental in developing outstanding advanced practice nursing roles and strong inter-professional clinical teams to support patients living with chronic neurologic disorders. Ms. Fabijan, who has a BN from the University of Calgary and an MSc from McGill. She worked at the Montreal Children’s, Royal Victoria, and Jewish General hospitals earlier in her career.

Ms. Fabijan takes over from Patricia O’Connor who was recently named Director of Nursing and Chief Nursing Officer of the MUHC. Ms. O’Connor was Associate Director of Nursing (Neuroscience) at The Neuro from 1990 to 2009 and was recently honoured with a Lifetime Achievement Award. She remains a visible role model, actively supporting nurses in their own professional development and lobbying for resources to enable exemplary nursing care. We thank Ms. O’Connor for her strong belief in the incomparable value of nursing to patient and family care and her enduring legacy at The Neuro.
Inspiring achievement at The Neuro. The exceptional quality of our faculty and staff creates a vibrant environment for research, clinical and teaching activities. Many honours and awards have been bestowed on our faculty and staff in recognition of their outstanding work. Below are some highlights.

June 1, 2006 – September 1, 2010

CANADIAN INSTITUTES OF HEALTH RESEARCH

Senior Investigator
Alan Evans  
Eric Shoubridge  
Robert Zatorre

Investigator
Philip Barker  
Alain Dagher  
Peter McPherson  
Bruce Pike  
Wayne Sossin

Clinician Scientist
Lesley Fellows  
Edward Fon

FONDS DE LA RECHERCHE EN SANTÉ DU QUÉBEC

Chequeurs nationaux
Philip Barker  
Timothy Kennedy  
Bruce Pike  
Wayne Sossin  
Stefano Stifani

Chequeurs boursiers
Andrea Bernasconi  
Louis Collins  
Alain Dagher  
Edward Fon  
Christophe Grova  
Timothy Kennedy  
Éliane Kobayashi  
Neda Ladbon-Bernasconi  
Peter McPherson  
Abbas Sadikot  
Michael Sinnreich

KILLAM SCHOLARS (2007–2012)
Amit Bar-Or  
Barry Bedell  
Andrea Bernasconi  
Jean-François Cloutier  
Lesley Fellows  
Edward Fon  
Alyson Fournier  
Angela Genge  
Timothy Kennedy  
Christopher Pack  
Edward Ruthazer  
Michael Sinnreich  
Robert Zatorre

CANADA RESEARCH CHAIRS
Jean-François Cloutier  
David Colman  
Alyson Fournier  
Christopher Pack  
Andrew Reader  
Edward Ruthazer  
Ralf Schirrmacher  
Amir Shmuel

MCGILL UNIVERSITY CHAIRS

James McGill Professors
Douglas Arnold  
Alan Evans  
Peter McPherson  
Michael Petrides  
Bruce Pike  
Eric Shoubridge  
Wayne Sossin  
Stefano Stifani  
Robert Zatorre

William Dawson Scholars
Philip Barker  
Amit Bar-Or

Endowed Chairs
David Colman, Wilder Penfield Chair in Neurosciences  
Rolando Del Maestro, William Feindel Chair in Neuro-Oncology  
George Karpati*, Isaac Walton Killam Chair in Neurology  
Brenda Milner, Dorothy J. Killam Professor in Neuropsychology  
André Olivier, W.V. Cone Chair in Neurosurgery  
Bruce Pike, Killam Professor

ORDER OF CANADA
Frederick Andermann, OC  
Donald Baxter, OC  
Gilles Bertrand, OC  
William Feindel, OC  
George Karpati, OC*  
Brenda Milner, CC

ORDER OF QUÉBEC
William Feindel, GOQ  
George Karpati, CQ*  
Brenda Milner, GOQ

ROYAL SOCIETY OF CANADA
Daniel Guitton  
Barbara Jones  
George Karpati*  
Brenda Milner  
Eric Shoubridge

NATIONAL ACADEMY OF SCIENCES (USA)
Brenda Milner (Foreign Associate)

AMERICAN ACADEMY OF ARTS AND SCIENCE
Brenda Milner  
Michael Petrides

CANADIAN MEDICAL HALL OF FAME
William Feindel  
Herbert Jasper  
Brenda Milner  
Wilder Penfield

* Deceased
AWARDS

International Balzan Foundation
Balzan Prize
Brenda Milner (2009)

The IEEE, Nuclear and Plasma
Sciences Society and Nuclear
Medical and Imaging Sciences
Council Edward J. Hoffman
Medical Imaging Scientist
Award
Christopher Thompson (2008)

Alfred P. Sloan Foundation
Research Fellowship (USA)
Christopher Pack (2006-2009)

NARSAD, The World’s Leading
Charity Dedicated to Mental
Health Research
Goldman-Rakic Prize
Brenda Milner (2009)

NARSAD, The World’s Leading
Charity Dedicated to Mental
Health Research
Young Investigator Award
Christopher Pack (2008)

Society of Experimental
Psychologists
Norman A. Anderson Lifetime
Achievement Award
Brenda Milner (2010)

Sleep Research Society
Distinguished Scientist Award
Barbara Jones (2009)

Multiple Sclerosis Society
of Canada
Don Paty Career
Development Award

Natural Sciences and
Engineering Research Council
of Canada (NSERC)
Award of Excellence
Brenda Milner (2009, 2010)

Order of Québec
Grand Officer
Brenda Milner (2009)

Québec Association
of Neurologists
Prix Reconnaissance
Michel Aubé (2009)

Foundation of Stars
Young Investigator Award for
Child Health Research
Amit Bar-Or (2009)

Commonwealth Fund
Harkness Associate in Health
Care Policy and Research
Patricia O’Connor (2008)

McGill University
Faculty of Medicine
John and Clara Fraser
Memorial Award
Thomas Stroh (2008)

MUHC
Director General’s Award
Mark Angle (2009)

NEURO CONVOCATION &
LIFETIME ACHIEVEMENT
AWARDS

Celebrating an outstanding community of
faculty, staff, philanthropists and volunteers.

2010

Lifetime Achievement Awards
Eva Andermann, MD, PhD
Professor, McGill University
Neurologist, The Neuro

Eric Shoubridge, PhD
Professor, McGill University
Scientist, The Neuro

Outstanding Team Awards
Animal Care Facility Team

2009

Lifetime Achievement Awards
Michel Aubé, MD
Associate Professor, McGill University
Neurologist, The Neuro

Christopher Thompson, ScD
Professor, McGill University
Scientist, The Neuro

The Killam Trust
Trustees – Mr. George Cooper,
Mr. John Matthews, Mrs. Ann McCaig
and Mr. John S. Montalbano

Established Investigator Award

Eric Shoubridge, PhD
Professor, McGill University
Scientist, The Neuro

Outstanding Team Award
Neuro-Intensive Care Unit Team
Nurses

OUR NERVE CENTRE

Nurses at The Neuro are on the front line and are involved in all aspects of the health care system, whether it is research, administration, education or clinical care. Their role in improving the health and well-being of others is critical.

TRANSFORMING CARE AT THE BEDSIDE

Neuroscience Nurses at The Neuro are the first in Canada to participate in the international program Transforming Care at the Bedside (TCAB). This program, created by the Robert Wood Johnson Foundation and the Institute for Healthcare Improvement (IHI), was designed to turn a select set of high-performing hospitals into innovative learning labs for real-time improvement in patient care. The nurses are working to define and implement best practices in patient-centered inpatient care, and to increase direct care time for nurses. American and European hospitals that have participated in TCAB report better clinical outcomes, reduced nurse turnover and lower costs. Nurses will apply their energy and expertise, and involve inter-professional team members, patients and their families to transform patient care.

Mrs. Grazia Anobile, recovering from back surgery at The Neuro, with nurse Annik Plamondon.

NEUROSCIENCE NURSING

Awards of Excellence are awarded each year during National Nursing Week in May to nurses working at The Neuro and the Montreal General Hospital. These peer nominated awards are given to underscore the important work done by the nursing staff.

Award for Excellence in Leadership
Claire Nehme (2010)
Rosa Sourial (2009)
Maria Hamakiotis (2008)
Yasmin Khalili (2008)

Awards for Excellence in Nursing Practice
Suzanne Do-Davoll (2010)
Rocio Del Buey (2010)
Helen Fong (2009)
Melissa Phenix (2009)
Josée Beloin (2008)

Award for Excellence in Nursing Education
Elizabeth Murphy-Lavallée (2009)
Operating Room Team (2008)
Intensive Care Unit Team (2008)

Award for Excellence for Partner-in-Practice
Patricia McAslan (2010)
Debbie Bhoop (2010)
Jaime Valera (2009)
Catia Abreu (2008)
Louise Desaulniers (2008)

Award for Nursing Research
Diane Lowden (2010)
Lucy Wardell (2008)

Valerie Shannon MUHC Award for Innovative Leadership
Patricia O’Connor (2008)

Friends of the Neuro Bursaries for studies at the B.Sc., M.Sc. or PhD levels
Lisa Goulet (2008)
Nancy Ouellet (2008)
Kitty Toye (2008)

Wanda Montes Bursary
Josée Lizotte (2008)
In 2007, the Montreal Neurological Institute of McGill University was named one of seven CENTRES OF EXCELLENCE IN COMMERCIALIZATION AND RESEARCH (CECR) in recognition of our 75 year history of accomplishment in innovative neuroscience research. Our goal in accepting this honour was to establish the best CECR program in the country. Under the auspices of the CECR Award, we have expanded our most innovative and high risk fundamental science exploration, as well as focused on programs that commercialize basic research discoveries and move treatments from the bench into the clinic. Our CECR funding has led to the development of novel devices and diagnostics certain to benefit the health of all Canadians.

Trailblazing advances in neuroscience and patient care are at the heart of what we do at The Neuro. The CECR Award has allowed us to catapult our most interesting, high-risk programs to the forefront of our efforts. Some of these programs are highlighted here.

BUILDING A BETTER ROADMAP
Each year, hundreds of Canadians requiring neurosurgery end up at the Montreal Neurological Hospital. These patients require resection of lesions that are extremely close to functional areas of the brain critical to movement, vision, sensation or language. Their condition often will have been deemed inoperable due to the location of the lesion. Dr. Denise Klein is aggregating the powerful laboratory imaging techniques available throughout The Neuro and planning to deliver a real-time, integrated output in the operating room.
IF IT’S THERE, WE’LL FIND IT
Roughly one-third of epilepsy patients suffer seizures that do not respond to drug treatments. Uncontrolled epilepsy has devastating socio-economic consequences, is harmful to the brain and is associated with higher mortality. Dr. Andrea Bernasconi is giving new hope to epilepsy patients with computer modeling to reveal previously unseen targets for surgery.

TRACKING PROTEINS
Understanding the cellular basis of disease is one of the revolutionary developments in neurological research. Today it is understood that schizophrenia, Parkinson’s, MS, ALS and many others are diseases of the cells that underlie all brain functions. Dr. Peter McPherson and his team have come up with a hybrid method of making antibodies that is faster, simpler and economical. With built-in validation from the experience of Neuro researchers, a catalogue of products is being assembled for research and commercial utilization.

GETTING BACK YOUR NERVES
The Central Nervous System (CNS) consists of the brain and spinal cord. It controls our thoughts, senses and movement through an incredibly complex system in which nerve cells connect to each other to transmit and receive information. Dr. Alyson Fournier is edging closer to the holy grail of spinal cord injury treatment by getting the severed nerves to re-establish functional connections. The road ahead is long, but the rewards considerable.

MAKING THE BEST IMPRESSION
When The Neuro first opened its doors 75 years ago, much of the discovery in medical science was accomplished through post-mortem examination. Today, the most sophisticated pathologies are identified and studied in vivo through the extraordinary power of medical imaging and measuring equipment. Scientists at The Neuro’s McConnell Brain Imaging Centre have a long history of developing novel methodology and translating them into routine research clinical use or commercializing them. These include innovative PET scanners, neurosurgery planning software and computerized imaging analysis tools.

TAPPING, 1, 2, 3, 4.
Rapid tapping with a stylus on a metal plate is a test often used to evaluate motor speed and coordination in patients with a neurological disease such as Multiple Sclerosis. Many years ago, a research team at The Neuro led by Dr. Gabriel Leonard demonstrated that rapid repetitive tapping with one hand is mainly sensitive to primary motor brain areas and the corresponding motor pathways. Dr. Leonard is putting a new twist on established technology to produce a superior device for testing motor skills in patients with neuromuscular or neurological disease. The prototype is testing well and commercial development is anticipated in 2010-2011.
Global thinking is second nature at The Neuro. Every year, some of the best scientists from around the world as well as members of the government and business communities gather here to share ideas, research and knowledge as part of our prestigious named lecture series or our weekly Killam Lecture Series supported by the Killam Trust.

**Wilder Penfield Lecture**
2009  
**Professor Sir John Bell**  
University of Oxford, Oxford, UK  
2008  
**The Honourable Jim Prentice**  
Minister of Industry  
Government of Canada  
Ottawa, ON  

**Dorothy J. Killam Lecture**
2008  
**Alicia Soderberg**, PhD  
Princeton University  
Princeton, NJ USA  

**William Feindel Lecture**
2010  
**G. Rees Cosgrove**, MD  
Brown University  
Rhode Island Hospitals  
Providence, RI USA  
2009  
**Isabelle Germano**, MD  
Mount Sinai School of Medicine  
New York, NY USA  
2008  
**Ricardo S. Centeno**, MD  
University of Sao Paulo  
Sao Paulo, Brazil  

**Francis L. McNaughton Lecture**
2009  
**Guy Rouleau**, MD, PhD  
Université de Montréal, Montréal, QC  
2008  
**Katherine Bushby**, MD  
Institute of Human Genetics  
Newcastle University  
Newcastle upon Tyne, UK  
2007  
**Thomas Rando**, MD, PhD  
Stanford University School of Medicine, Stanford, CA USA  

**Theodore Rasmussen Lecture**
2008  
**M. Gazi Yasargil**, MD  
University of Arkansas  
for Medical Sciences  
Little Rock, AR USA  

**Herbert Jasper Lecture**
2008  
**Paul W. Glimcher**, PhD  
New York University  
New York, NY USA
Global connections – Neuro researchers and physicians have forged collaborations and partnerships with nations around the world.

Donald W. Baxter Lecture
2010
Frances Jensen, MD
Harvard Medical School
Boston, MA USA
2009
Michael Aminoff, MD, DSc
University of California
San Francisco, CA USA
2008
Donald Calne, MD
University of British Columbia
Vancouver, BC
2007
John Noseworthy, MD
Mayo Clinic College
of Medicine
Rochester, MN USA

KAC Elliott Lecture
2009
Rémi Quirion, PhD
Douglas Hospital Research Centre
McGill University
Montreal, QC

W.V. Cone Lecture
2009
J. Max Findlay, MD, PhD
University of Alberta, Edmonton, AB
2007
Paolo Cappabianca, MD
University of Naples, Naples, Italy

Brenda Milner Lecture in Cognitive Neuroscience
2010
John O’Keefe, PhD, FRS
University College London
London, UK
2009
Mortimer Mishkin, PhD
US National Institutes
of Mental Health
Bethesda, MD USA
2008
Stanislas Dehaene, PhD
Collège de France, Saclay, France

Jerzy Olszewski Lecture
2010
Karel Svoboda, PhD
Howard Hughes Medical Institute
Janelia Farm Research Campus
Ashburn, VA USA

Denis Melançon Lecture
2009
Karel Terbrugge, MD
University of Toronto, Toronto, ON

2008
Giuseppe Scotti, MD
Free University Vita Salute
San Raffaele
Milan, Italy
Patient Services
BETTER LIVES AHEAD

Quality Clinical Care: our Priority

The Neuro is a highly-specialized academic medical centre where patients are cared for using the most advanced technology and treatments, such as Canada’s first 640 resolution 320-slice CT scanner or an O-arm Imaging system. Almost 50% of Canadians, or 15 million people, will experience the devastation of a neurological disorder and many will be hospitalized. At The Neuro, we strive to give our patients the exceptional care that they deserve in the face of daunting diseases. Each member of our diverse, all-encompassing health care team is fully committed to The Neuro’s mission of advancing research, education and patient care.

Empowering our patients
The Neuro was the first to introduce the Toolbox Program to Quebec thanks to support from our dedicated donors and the belief that this program should be an integral part of a patient’s health management plan. The goal of the Toolbox Program, a chronic disease self-management program, is to address how to best support patients with chronic illnesses and their families and to empower them to become informed and active participants in their care. Teaching patients to self-manage their illness improves functioning and reduces pain and healthcare costs.

Parkinson’s treatment at The Neuro: an unwavering focus to triumph
The Parkinson’s Clinic at The Neuro serves patients with Parkinson’s disease and a variety of other movement disorders. The Clinic has been expanding and improving its services with the help of funding from the Parkinson Society Canada, which includes a special program that addresses the needs of the young onset, newly diagnosed population. The Neuro has been designated a National Parkinson Foundation (USA) Center of Excellence.

The Parkinson’s Clinic at The Neuro brings together a multidisciplinary team of neurologists, clinical nurse specialists, physiotherapists, occupational therapists, speech therapists and social workers. Parkinson’s patients also participate in ongoing clinical studies.

“Empowering our patients”

As a participant in the six week My Toolbox course, I benefited greatly from the information and support given by the excellent trained volunteers who led the workshops. Equally remarkable was the interaction among group members. Strangers exchanged information and became friends, supporters and allies against the ravages of chronic illness. I wish more patients with chronic illnesses and their physicians were aware of this important adjunct to traditional medical care.
– Nancy Turner

“Parkinson’s treatment at The Neuro”

“I have been a Parkinson’s patient at The Neuro’s Movement Disorder Clinic since November 2007. I believe that the team concept in caring for the patient is a very positive approach. There are often activities and meetings to further increase the knowledge of the patient. I feel that I am receiving the best treatment and hopefully one day there will be a cure for Parkinson’s.”
– Barbara Finkelstein Stein
The Neuro's pain clinic: providing hope

The Neuro is a leader in the treatment of chronic pain, a condition that leads to decreased function and reduced quality of life. Pain management is gaining greater attention partly because, as the population ages, pain syndromes are simply more prevalent.

Our Pain Clinic specializes in the treatment of neuropathic pain, or pain that generally occurs from an injury to a nerve. It is estimated that over 2.2 million Canadians suffer from neuropathic pain, the symptoms of which include tingling, numbness and shooting or burning sensations. Patients receive the best care from our outstanding team of surgeons and clinicians. The ultimate goal is to help improve a patient’s quality of life by more effectively treating the underlying etiology for their pain.

Improving treatment options of patients living with brain tumours

Since the grand opening of the Brain Tumour Research Centre in 2002, we have treated thousands of patients in our neurosurgical operating rooms and in the brain tumour clinic, and we have recruited several new scientists and clinicians to the Centre.

Together, this outstanding team has conducted clinical trials to test the efficacy of novel pharmacological agents in preventing brain tumour recurrence. They have made hundreds of new discoveries and have disseminated this new knowledge in the form of first-rate publications in the world’s major scientific journals.

The more we learn, the better the therapies we can develop.

“Sometimes life can take an unexpected turn, and that’s what happened to me. I hit my head while skiing and went for a routine test at The Neuro to ensure that everything was in order. And that’s when they discovered a brain tumour, which was about the size of a ping-pong ball. Naturally, I was in total shock. In that dark moment where my mortality seemed inevitable, Dr. Hall, my surgeon, helped me cope with this dramatic news and ensure my family that my chances of recovery were excellent. He recognized the absolute urgency for me to go into surgery, and one week later I was on the operating table. I feel very lucky that the tumour was caught on time. I feel even luckier that The Neuro was there for me. Now I am giving back – both as a donor and as a volunteer.”

– Yves Ferland

Yves Ferland with sons, Samuel and Étienne
Thinking Ahead

THE POWER OF PHILANTHROPY

The power of philanthropy has been transformational for The Neuro’s development over the past 75 years. The philanthropic vision and generosity of our donors has enabled The Neuro to remain at the very forefront of health research and patient care for over 7 decades.

Thank you for making a difference!

SUPPORTING THE NEURO’S WORK

Private support has helped The Neuro maintain its extraordinary quality in basic research, expand its outstanding translational research and continue its exceptional care of patients. Only through investing in the up and coming generation of brain science visionaries and giving them the tools to move their science forward, can we identify new, promising therapies and strategies in the laboratory and ensure that they are brought quickly to the patients who need them.
NORTH WING EXPANSION:
INTEGRATING CLINICAL CARE
AND NEUROSCIENCE RESEARCH
Since its founding, Neuro researchers and physicians have worked hand in hand to better understand the healthy nervous system, and to uncover the mechanisms of diseases that afflict it. Through their close collaboration, problems encountered in the clinic inspire research, and new findings from the labs are directly applied to meet patients’ medical needs. The North Wing Pavilion expansion will continue this tradition, adding eight floors of much-needed space for integrated research and clinical neuroscience that will help ensure the continued long-term growth and impact of The Neuro.

We recognize the J.W. McConnell Family Foundation, the Molson Foundation, the Cyril & Dorothy and Joel & Jill Reitman Foundation, the Estate of John Gordon, Mr. and Mrs. Paul G. Desmarais, Hugh Hallward, Manulife Financial, Power Corporation of Canada, the Fondation Jeunesse-Vie and CGI, and campaign co-chairs, Jacques Bougie and Dominic D’Alessandro, whose leadership contributions are helping to make the North Wing Pavilion a reality.

INNOVATIVE PROGRAMS:
TRANSFORMING NEUROSCIENCE
Neuroscience is picking up speed – and support for Innovative Programs guarantees us the flexibility to be there with solutions when new questions emerge. These ideas, still in the formulation stage, will give us the opportunity to expand our research into new directions that we can’t even imagine now – exploring and bringing together new disciplines and technologies that we hope will improve the quality of life for those debilitated by injury or neurological disease.

NEUROENGINEERING: HUMANS INTERFACING WITH MACHINES
Our Neuro faculty have joined forces with engineers, biologists, physicists, and computer scientists at McGill University to build a NeuroEngineering Program – the melding of nanotechnology, engineering, and neuroscience. Together, they are addressing compelling medical problems such as spinal cord injury, limb amputation and sensory or motor deficits associated with neurological disorders. The entire team is devising biological platforms and engineering tools geared to restoring function and repairing the nervous system.

To kick start the NeuroEngineering Program, Rio Tinto Alcan committed $1 million to the program. “Good health and strong healthcare facilities are key to a community’s success and growth. Supporting The Neuro’s innovative NeuroEngineering Program is another way that we can play a role in improving the quality of life of people in Quebec and around the world.” – Richard Evans, former Chief Executive, Rio Tinto Alcan

Thanks to a contribution of $2 million from The Molson Foundation to support the education and training of graduate students and post-doctoral fellows who will be recruited as a part of this program, the future is promising. We are one step closer to figuring out how to rebuild an injured nervous system or to make a human interface completely with machines.

TRANSFORMING ALS RESEARCH
AND PATIENT FACILITIES
Thanks to a $2 million donation from the Tenaquip Foundation and the Reed Family, The Neuro will soon be home to the new Reed Family Motor Neuron Disease Research Unit named in honour of Ken Reed, the Company’s late founder and president, who passed away from ALS. By investing time and effort into understanding its causes, we look forward to improving both early diagnosis and treatment options to those affected by this disease.
Brain tumour research at The Neuro has been given a boost thanks to the efforts of Claire Gohier and Brian Levitt who have raised over $1 million to create a new Post-Doctoral Neuro-Oncology Research Fellowship. It will offer post-doctoral fellows the opportunity to work with so many of the superb teachers and mentors currently at The Neuro and will attract and train qualified researchers with the goal of treating patients with brain tumours more effectively.

Tony Proudfoot, a veteran of the CFL, played for the Montreal Alouettes from 1971 to 1979. He is the author of “First and Goal!” and for the past 30 years, he has been a physical education professor at Dawson College, as well as a sports commentator for CJAD.

On June 28, 2007, after announcing publicly that he had been diagnosed with Amyotrophic Lateral Sclerosis, he and his family created The Tony Proudfoot Fund, in partnership with the ALS Society of Quebec. Inspired by his great strength and determination, his many fans and admirers have combined their energy and resources to support Tony and his family in this important initiative to raise awareness and funds for ALS. Donations from The Tony Proudfoot Fund support postdoctoral fellowships and research into the causes of and treatments for ALS.

National Bank Financial Group’s $500,000 donation to create the National Bank Post-Doctoral Fellowship in Experimental Therapeutics will allow The Neuro to recruit some of the world’s brightest and most highly motivated scientists to proceed at full speed with careers in academic medicine. The first fellowship, awarded to Dr. Isabelle Thiffault, will fund a revolutionary stem cell research project that will advance not only our basic understanding of the mechanisms of neurological disorders but also aid the development of new therapies for diseases such as ataxia, Alzheimer’s, and Parkinson’s.

PLANNED GIVING:
In 2008, Neuro Planned Giving Co-Chairs Joan and Warren Chippindale welcomed two new co-chairs to their Committee – François Perreten, a patient at The Neuro and his wife, Marie Carrigan. Together their objective is to raise awareness and educate people about the importance of planned gifts such as bequests and gift annuities that enable donors to match tax benefits and estate planning with their philanthropic goals.
Support for the Annual Fund is not just important; it is critical. These annual funds are directed toward the most immediate needs of The Neuro and allow us to take advantage of some of the most promising opportunities that arise during the course of the year. Importantly, this fund helps leverage other donations. The Neuro’s Annual Fund continues to break records, this year surpassing the $1 million mark for the first time.

A huge part of this success is The Neuro’s annual Faculty and Staff Campaign. Each year, more than 75 volunteer leaders and hundreds of supporters become involved and show their support for the important work being undertaken by their colleagues. In the past four years, faculty and staff have donated close to $400,000.

Since the launch of The Neuro’s Thinking Ahead Campaign, the Annual Fund has contributed $5.6 million – or 15% – toward the $38 million campaign total.

THE NEURO ANNUAL FUND COMMITTEE
The Neuro Annual Fund Committee is responsible for securing annual and recurring support for The Neuro. Each donation brings us one step closer to finding better, more effective treatments for neurological disorders.

Lorena Cook, National Chair
Leigh Mackenzie Taylor, Montreal Chair
Gina Di Girolamo
Franca Monti
Colleen Wicha
Angelo Parziale

Creating Hope
The Neuro Annual Fund is fortunate to be able to count on groups of energetic, dedicated and generous people who support its activities by organizing events and/or establishing funds in honour or in memory of loved ones who have been touched by neurological diseases.

We wish to recognize and thank:
• The Bolger family and the B-Strong Fund
• Anna Colaninno and the Tony Colaninno Fund supporters
• Lina Di Giovanni and the friends of the Franco Di Giovanni Foundation
• L’association épilepsie Abitibi-Témiscamingue
• La Fondation Debbie Murray pour la SLA
• Mrs. Beverley Fields for her MS Research appeal
• David Adler Memorial Fund
• Gertrude and François Beauregard Fund
• Beatrice Cohen-Pinchuk Memorial Fund
• Leslie Davidson Fund
• Issie Engel Fund
• Peter Kermack Fund
• Topor Family Fund
• Weiss Family Fund for ALS Research

Elementary school students visit The Neuro each year during Brain Awareness Week in March.
Thank you, donors.

Thank you to all of you who have contributed and will continue to contribute and for believing so strongly in the future of The Neuro. Your conviction and donations make all the difference.

June 1, 2007 – May 31, 2009

Donors who have made an annual contribution of $1,000 or more and for whom we have received express permission to publish their names.

Jewish Community Foundation of Montreal
John F Kennedy High School
K.K. Charity Foundation
Fondation J.-Louis Lévesque
Gustav Levinshon Foundation
Vincent Massey Collegiate
The J.W. McConnell Family Foundation
The Brenda Milner Foundation
The Molson Foundation
Fondation Famille A. Pizzagalli
The Cyril & Dorothy and Joel & Jill Reitman Family Foundation
The Sam & Jennie Rovit Memorial Foundation
Order of Saint Lazarus of Jerusalem in Canada
The Seymour Schulich Foundation
ALS Society of Quebec and the Tony Proudfoot Fund
Alvin Segal Family Foundation
The Armgah L. Sifton Charitable Foundation
The Annie & Nathan Steinberg Family Foundation
The Tococote Foundation
The William and Nancy Turner Foundation
The Ultramar Foundation
The Velan Foundation (Olga & Bob Velan, Karen & Peter Velan, Dana & Tom Velan, Penny & Ivan Velan)
The Wilson Foundation

ESTATES
Rupert Bruce
Audrey Delphine Fisher
Lyle Walker Humphrey
Herbert Kelsey Jones
John P. O’Connor
Mildred Roith
Dorothy Czerny Sexton and Joseph Sexton
Rosabelle Hollis Smith
Laughlin B. Taylor

CORPORATIONS
AECOM
American Iron & Metal Company Incorporated
Astral Media Incorporated
AstraZeneca Canada Incorporated
Bell Canada
Bennett Jones LLP
Carl Zeiss Canada Limited
CGI
Charles River Laboratories Preclinical Services
CIBC
David Forest Financial Services Limited
Deans Knight Capital Management Limited
Debsan
Decasult Incorporated
Caise Populaire Desjardins
Canadienne Italienne
Dessau-Soprin Incorporated
FLS Transportation
Geniva Incorporated
Gillespie-Munro Incorporated
Great-West Life, London Life and Canada Life
Hai Vision Systems Incorporated
Hospira Healthcare Corporation
Imperial Tobacco Canada Limited
J.P. Metal America Incorporated
KPMG
Kruger Incorporated
Architectes Lemaî et Associés
Litho-Pak Incorporated
Manulife Financial
McCain Foods Limited
McCarthy Téraульт
Merck Frost Canada & Company
MB MicroBytes Pointe Claire
Minogue Medical Incorporated
Montreal Port Authority
National Bank Financial Group
Oder, Hoskin & Harcourt
Pizzingrilli Administration Incorporated
Reiteims Canada Limited
Rio Tinto Alcan
Roche Limited, Consulting Group
Schering Canada Corporation
John L. Schultz Limited
ScotiaBank
Siblin & Associates Limited
SNC Lavalin Group Incorporated
The Standard Life Assurance Company of Canada
St. Joseph Communications
Talecris Biotherapeutics
Tascoff Services Incorporated
Temple Ayasgarth Investments Incorporated
Teva Neurosciences
R.A. Urring Associates Incorporated
Walker Glass Company

Individuals
Sawsan Abdulwahab
Dr. Mounir N. Abou-Madi
Notah Almanqour
Dr. Eva & Dr. Frederick Andermann
Janet & Marcus Arts
J. Brian Aune
Dr. Massimo Avoli
Cynthia Baxter
Anne Bieler Baxter & Dr. Donald W. Baxter
Michelle & Luc Beauregard
Dr. Gilles Bertrand
Marcy D. Bertrand
H. Jonathan Birks
L’Honorable Juge Ivan Bisaillon
Professor Maier L. Blostein
Anne Marie & Jacques Bougie
Hélène Boutilin
Michael A.S. Boxer
Kathryn & David Breerton
Roy Donald Brown
Bernice & Morton Brownstein
Harold Brownstein
Robert Brun
Cynthia & Frederick S. Burbidge
Jennifer A. Burbidge
Peter Cafaro
Suzan Carsley
Donald Cayouette
André Charron
Dr. Daniel Charrand
Priscilla Penfield & Wm. Chester
Joan & Warren Chippindale
Fran & Edmund Clark
Carol A. Cole
Ruth Coleman
Dr. Donald G. Collins
Elizabeth & Dr. David Colman
Priscilla Penfield & Wm. Chester
Joan & Warren Chippindale
Fran & Edmund Clark
Carol A. Cole
Ruth Coleman
Dr. Donald G. Collins
Elizabeth & Dr. David Colman
Loretta & Norman Cook
Janet & Gordon Cook
Harriet & Marvin Corber
Dr. Maria Del Pilar Cortes Nino
Purdy Crawford
MEMORIAL TRIBUTES of $1000 or more.

Our deepest sympathies go out to the family, friends and loved ones who made gifts in memory of the following individuals:

Angie Argyralos
Claude Baillargeon
Brigitte Boudreault
Raymond Brown
Rodlyn Cabor
Jean Carsey
Beatrice Pinchuk Cohen
Louis-Philippe de Grandpré
Pierre de Grandpré
Helen Desmond
Tony Di Bacco
Nathan Finkelstein
Alexandra Froom
Michael Georgalakis
Sophia Geracimo
Peyman Gohari-Moghadam
Boyd Graham
Nicola Iannacci
Gail Innis
George Karpati
Irene Haruko Kudo
Gaylane Duchesne Lange
Claude Marcoux
Glenys McQuinn
Amy Menon
Bibiane Ouellette
Louis Pelland
Dimitrije Pivnicki
Jean-Yves Prud’homme
Angela Rao
Jacques Richer
David Rosario
Nathalie Salem
Kenneth J. Seldman
Jennifer Jane Sloan
Helen Snow
Charles Lewis Spector
Jake Dougherty-St Arnaud
Evelyn Tarnofsky
J. Robert Swidler
J. Robert Swidler
Jordan Swidler
Gordon Tanzi
Marjorie & A. Scott Taylor
C. Robert Taylor
Leigh Mackenzie Taylor &
Dr. Donald Taylor
Claude I. Taylor
Marika F. Teakle
Joanne & Benjamin Topor
David L. Torrey
Marjorie E. & Eric A. + Trigg
William J.M. Turner, Jr.
Edward Victor
David G. Ward
George B. Waters
Mary G. Webster
Meredith Webster
Eric Williams
Lynnon R. Wilson
Arlene & Ted Wise
Dr. John F. (Ivan) Woods
+ Deceased

COMMEMORATIVE GIFTs in memory of or in honour of someone special are a thoughtful way to remember a loved one, to acknowledge a birthday or anniversary, or to thank a doctor, nurse or friend.

IN HONOUR OF TRIBUTES of $1000 or more were made in honour of the following individuals:

Dr. Jeffrey Hall and
Dr. Martin Veilleux
Dr. Line Jacques
Martha & Jeffrey Khoury
Susan Riddell-Fitzpatrick
Dr. Donatella Tampieri

David M. Culver
Steven M. Cammings
Lynn Fletcher Curry
Bruce Daccord
Joan & Jacques Daccord
Philip R. Daccord
Pearl & Dominic D’Alessandro
Anita David
Josef Roberts De A‘vigond
Dr. Lloyd A. Dyess
Hélène & A. Jean de Grandpré
Suzanne de Grandpré
Jean-Guy Desjardins
Mr. & Mrs. Paul G. Desmarais
Falconi & Di Baco Families &
Friends
James B.C. Doak
Dr. François Dubois
Eileen Dubovsky
Dr. Sydney M. Duder
Eileen Dubovsky
Dr. Abbas F. Sadikot
Anne & Jay Rubenstein
Dr. Richard L Rovit
Marilyn & Harvey Rosenbloom
André Rochette
Jean & Douglas Robinson
Susan Riddell-Fitzpatrick
Jill & Joel Reitman
Dorothy & Cyril Reitman
The Radcliffe-Branch Family
Rita Coveney Pudenz
Dr. Sandy Pritchard
Rita Cohen
The Radcliffe-Branch Family
Dorothy & Cyril Reitman
Jill & Joel Reitman
Rose-Anna Remillard
Carolyn & Richard Renaud
Susan Riddell-Fitzpatrick
Jean & Doug Robinson
André Rochette
Mazlyn & Harvey Rosenbloom
Dr. Richard J. Rovit
Catherine M. Rowe
Anne & Jay Rubenstein
Dr. Abbas F. Sadikot
Lorna Scherzer
Seymour Schulich
Richard Schwartz
Paolo Scotti
Alvin Segal
Barry H. Shapiro
David V. Sheridan
Dr. Chun Jen Shih
Dr. Eric Shoubridge
Keninon Warren Stimpson
David E. Simpson
Dr. David Sinclair
L.E. Smith
Dr. Jean-Paul Soucy
William E. Stavert
Deirdre Stevenson
Virginia Stikeman
Howard Stotland
Tor Oscar Stangeland
Jay H. Stubina
J. Robert Swidler
Vickie & John Swidler
Gordon Tanzi
Marjorie & A. Scott Taylor
C. Robert Taylor
Leigh Mackenzie Taylor &
Dr. Donald Taylor
Claude I. Taylor
Marika F. Teakle
Joanne & Benjamin Topor
David L. Torrey
Marjorie E. & Eric A. + Trigg
William J.M. Turner, Jr.
Edward Victor
David G. Ward
George B. Waters
Mary G. Webster
Meredith Webster
Eric Williams
Lynnon R. Wilson
Arlene & Ted Wise
Dr. John F. (Ivan) Woods
+ Deceased

COMMEMORATIVE GIFTs in memory of or in honour of someone special are a thoughtful way to remember a loved one, to acknowledge a birthday or anniversary, or to thank a doctor, nurse or friend.

IN HONOUR OF TRIBUTES of $1000 or more were made in honour of the following individuals:

Dr. Jeffrey Hall and
Dr. Martin Veilleux
Dr. Line Jacques
Martha & Jeffrey Khoury
Susan Riddell-Fitzpatrick
Dr. Donatella Tampieri

David M. Culver
Steven M. Cammings
Lynn Fletcher Curry
Bruce Daccord
Joan & Jacques Daccord
Philip R. Daccord
Pearl & Dominic D’Alessandro
Anita David
Josef Roberts De A‘vigond
Dr. Lloyd A. Dyess
Hélène & A. Jean de Grandpré
Suzanne de Grandpré
Jean-Guy Desjardins
Mr. & Mrs. Paul G. Desmarais
Falconi & Di Baco Families &
Friends
James B.C. Doak
Dr. François Dubois
Eileen Dubovsky
Dr. Sydney M. Duder
Eileen Dubovsky
Dr. Abbas F. Sadikot
Anne & Jay Rubenstein
Dr. Richard L Rovit
Marilyn & Harvey Rosenbloom
André Rochette
Jean & Douglas Robinson
Susan Riddell-Fitzpatrick
Jill & Joel Reitman
Dorothy & Cyril Reitman
The Radcliffe-Branch Family
Rita Coveney Pudenz
Dr. Sandy Pritchard
Rita Cohen
The Radcliffe-Branch Family
Dorothy & Cyril Reitman
Jill & Joel Reitman
Rose-Anna Remillard
Carolyn & Richard Renaud
Susan Riddell-Fitzpatrick
Jean & Doug Robinson
André Rochette
Mazlyn & Harvey Rosenbloom
Dr. Richard J. Rovit
Catherine M. Rowe
Anne & Jay Rubenstein
Dr. Abbas F. Sadikot
Lorna Scherzer
Seymour Schulich
Richard Schwartz
Paolo Scotti
Alvin Segal
Barry H. Shapiro
David V. Sheridan
Dr. Chun Jen Shih
Dr. Eric Shoubridge
Keninon Warren Stimpson
David E. Simpson
Dr. David Sinclair
L.E. Smith
Dr. Jean-Paul Soucy
William E. Stavert
Deirdre Stevenson
Virginia Stikeman
Howard Stotland
Tor Oscar Stangeland
Jay H. Stubina
J. Robert Swidler
Vickie & John Swidler
Gordon Tanzi
Marjorie & A. Scott Taylor
C. Robert Taylor
Leigh Mackenzie Taylor &
Dr. Donald Taylor
Claude I. Taylor
Marika F. Teakle
Joanne & Benjamin Topor
David L. Torrey
Marjorie E. & Eric A. + Trigg
William J.M. Turner, Jr.
Edward Victor
David G. Ward
George B. Waters
Mary G. Webster
Meredith Webster
Eric Williams
Lynnon R. Wilson
Arlene & Ted Wise
Dr. John F. (Ivan) Woods
+ Deceased

COMMEMORATIVE GIFTs in memory of or in honour of someone special are a thoughtful way to remember a loved one, to acknowledge a birthday or anniversary, or to thank a doctor, nurse or friend.

IN HONOUR OF TRIBUTES of $1000 or more were made in honour of the following individuals:

Dr. Jeffrey Hall and
Dr. Martin Veilleux
Dr. Line Jacques
Martha & Jeffrey Khoury
Susan Riddell-Fitzpatrick
Dr. Donatella Tampieri
# Financial Summary

## Statement of Source and Use of Funds, MNI

**June 1, 2006 – May 31, 2009**

<table>
<thead>
<tr>
<th></th>
<th>Year ended May 31, 2007</th>
<th>Year ended May 31, 2008</th>
<th>Year ended May 31, 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balance June 1</td>
<td>$20,696,104</td>
<td>$22,751,118</td>
<td>$34,362,570</td>
</tr>
<tr>
<td>Research Funding</td>
<td>19,539,823</td>
<td>34,743,154</td>
<td>24,445,703</td>
</tr>
<tr>
<td>Endowment Income/Donations</td>
<td>5,215,923</td>
<td>5,685,066</td>
<td>6,451,214</td>
</tr>
<tr>
<td>Other</td>
<td>13,775,747</td>
<td>8,419,421</td>
<td>8,754,421</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Income</td>
<td>59,227,597</td>
<td>71,598,759</td>
<td>74,013,908</td>
</tr>
<tr>
<td>Less: balance May 31</td>
<td>22,751,118</td>
<td>34,362,570</td>
<td>31,241,150</td>
</tr>
<tr>
<td>Total Expenditures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salary Support</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic</td>
<td>19,591,185</td>
<td>21,247,175</td>
<td>23,147,080</td>
</tr>
<tr>
<td>Administrative &amp; Clerical</td>
<td>3,762,451</td>
<td>3,499,915</td>
<td>4,523,050</td>
</tr>
<tr>
<td>Non-Salary Research Support</td>
<td>10,023,944</td>
<td>9,961,326</td>
<td>10,409,601</td>
</tr>
<tr>
<td>Total expenditures</td>
<td>33,377,580</td>
<td>34,708,416</td>
<td>38,079,731</td>
</tr>
<tr>
<td>BALANCE</td>
<td>3,098,899</td>
<td>2,527,773</td>
<td>4,693,027</td>
</tr>
<tr>
<td>Capital Expenditures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital, Building and Interest</td>
<td>3,098,899</td>
<td>2,527,773</td>
<td>4,693,027</td>
</tr>
<tr>
<td>Total Capital Expenditures</td>
<td>$3,098,899</td>
<td>$2,527,773</td>
<td>$4,693,027</td>
</tr>
<tr>
<td>BALANCE</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

## MontreAl NeurologicAl InStitute FundS in Support Of MontreAl NeurologicAl HospiTal

(included in the expenditures above)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Salaries</td>
<td>$1,222,372</td>
<td>$1,412,375</td>
<td>$1,632,764</td>
</tr>
<tr>
<td>Technical/Clerical Salaries</td>
<td>146,734</td>
<td>224,126</td>
<td>237,357</td>
</tr>
<tr>
<td>Other Operating Support</td>
<td>57,003</td>
<td>64,201</td>
<td>23,534</td>
</tr>
<tr>
<td>Equipment</td>
<td>152,443</td>
<td>147,557</td>
<td>946,487</td>
</tr>
<tr>
<td>Construction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$1,578,552</td>
<td>$1,848,259</td>
<td>$2,840,142</td>
</tr>
</tbody>
</table>
MNI ANNUAL EXPENDITURES
(including MNI operations)

2006-2007
24% Academic & Research Salaries
10% Administrative Salaries
54% Non Salary Research Support
12% Capital, Building & Interest

2007-2008
57% Academic & Research Salaries
20% Administrative Salaries
11% Non Salary Research Support
9% Capital, Building & Interest

2008-2009
55% Academic & Research Salaries
10% Administrative Salaries
15% Non Salary Research Support
15% Capital, Building & Interest

TOTAL ANNUAL FUNDING
(including MNI operations)

2006-2007
$36,476,479
14% Research Funding
18% Endowment Income / Donations
68% Other

2007-2008
$37,236,189
15% Research Funding
19% Endowment Income / Donations
66% Other

2008-2009
$42,772,758
20% Research Funding
15% Endowment Income / Donations
65% Other
In Memoriam

Dr. Jacob Chandy  
(1910-2007)
Dr. Chandy was a distinguished alumnus of The Neuro, known as India’s first neurosurgeon and a leading figure in Indian medical education for over forty years. He trained under Drs. Wilder Penfield, William Cone and Arthur Elvidge and in 1949, established India’s first Department of Neurology and Neurosurgery at the Christian Medical College and Hospital in Vellore, modeled on The Neuro, and sent key members of his team to train at The Neuro.

Dr. Joseph Stratford  
(1923-2007)
Dr. Stratford was known as a wonderful clinical teacher who showed great compassion for his patients. He earned his MD degree from McGill in 1947 and Master’s degree while working at The Neuro. After teaching at the University of Saskatchewan, he returned to the Montreal General Hospital in 1962 as Head of the Division of Neurosurgery, where he and Neurologist-in-Chief Dr. Donald Baxter established a 30-bed neurological and neurosurgical ward with a dedicated intensive care unit – a first in Canada.

James Wright  
(1942-2007)
Mr. Wright was the husband of dedicated Neuro volunteer Nancy Wright. He was a retired lawyer and community volunteer. He was known for his service to McGill University as Governor of the Board, and for his active participation in the community.

Dr. William Gibson  
(1913-2009)
Dr. Gibson was the last living person who attended the opening of The Neuro on September 27, 1934. He was an enthusiastic protagonist of The Neuro, the Osler Library and McGill. Dr. Gibson received his medical degree from McGill and DSc from the University of Oxford, and trained at The Neuro specializing in neurology and psychiatry. He was an original member of the Faculty of Medicine at the University of British Columbia, Director of the Kinsmen Laboratory for Neurological Research, and Head of the History of Medicine and Science Department.

Dr. George Karpati  
(1934-2009)
Dr. Karpati was recognized internationally as one of the leading experts on the diagnosis and treatment of neuromuscular disorders. He was the Izaak Walton Killam Chair and Professor of Neurology at McGill University and a distinguished Clinician Scientist with many honours and awards including the Order of Canada and the Royal Society of Canada. He was a Knight of the Ordre National du Québec and he was awarded the 2006 Prix du Québec (Wilder Penfield). He made seminal contributions in the area of muscular dystrophy, and was among the first to show the localization of dystrophin to the muscle fibre surface and to demonstrate a lack of dystrophin in the fibres of Duchenne patients.

Thérèse Lavoie-Roux  
(1928-2009)
Mme Lavoie-Roux was Quebec Minister of Health and Social Services in the Bourassa government and a federal Senator from 1990-2001. She also served on the McGill University Board of Governors and on the Advisory Board of the Montreal Neurological Institute from 1992-2002.

Dr. Ernst Meyer  
(1942-2010)
Dr. Meyer was integral in developing the world’s first operational Positron Emission Tomograph (PET) at The Neuro in 1975. In his research, Dr. Meyer used both PET and functional Magnetic Resonance Imaging (fMRI) to examine the relationship between cerebral blood flow and metabolism under normal and pathological conditions. Dr. Meyer was a passionate musician who shared his love for music generously in The Neuro community and beyond.

Mary Waller Robb  
(1916-2010)
Mrs. Robb was the wife of Professor Emeritus and former Neurologist-in-Chief James Preston Robb (1914-2004). She was head nurse at the Montreal General Hospital prior to her marriage. Mother of the four Robb children, Mary was known for the kind help she offered the families of young neurologists who came to The Neuro for advanced training.

The Neuro Lobby: Restored as a Masterpiece of Art.  
Marie-Eve Thibeault, assistant conservator
Realizing that the front lobby was a visitor’s first introduction to The Neuro, Dr. Penfield – working with architect Barnet Phillips – designed the entrance in the Art Deco style, popular in the early 1930s. Since then, the lobby has continued to instill strong feelings about everything from the pursuit of knowledge and the care of patients to the appreciation of art and history. Over the years, the condition of the lobby had deteriorated due to water damage, pollution and re-varnishing and re-painting. In January 2009, Anne Lapointe, a local art conservator specializing in wall paintings and architectural finishes, began the meticulous restorative work. This enormous task was completed in the summer of 2010 with official “Foyer Feindel” lettering at the entrance, honouring Dr. William Feindel and his immense contributions to his patients, neuroscience and The Neuro.

Painted upon the ceiling are three of the six layers of the cerebellum, highlighting the specific nerve and glial cells in each layer inspired by a drawing by the great Italian neurologist Camillo Golgi (1843-1926). Sprawling silver cells, rounded disk nerve cells, and filigree blood vessels dance across the gold ceiling.
The Montreal Neurological Institute and Hospital – The Neuro – combines a world-class research centre dedicated to tapping into the mysteries of the brain and neurological diseases, with an ultra-specialized hospital that delivers the highest quality of care for its patients.

1,400+
former research, neurological and neurosurgical fellows in 60 countries around the world

300+
neuroscience graduate students

60+
postdoctoral fellows

22
neurology residents and fellows

19
neurosurgery residents and fellows

$30 million research funding per year

50+ research groups

200+ scientific articles/year
1,800 +
surgeries/year
39,000
ambulatory
visits/year

A WORLD-CLASS INSTITUTE
With research units closely integrated with clinical activities, our multidisciplinary teams of scientists continue to make headlines around the world. The Neuro has garnered international attention for renowned strengths in epilepsy research and treatment, the brain imaging, cognitive neuroscience, neuroimmunology, complex neural systems, and neuromuscular disease.

INNOVATIVE RESEARCH
Our multi-disciplinary research teams generate fundamental information that spans the full spectrum of neuroscience from cell and molecular biology to brain imaging and cognitive neuroscience.

INTERNATIONAL IMPACT
Since it was founded in 1934, The Neuro has offered outstanding training and mentorship. Our former fellows hold prominent positions around the globe. Today’s trainees, from more than 60 countries, continue to have a worldwide impact as we reach out through international collaborations, formal partnerships with sister institutes, and high visibility in professional organizations.

STATE-OF-THE-ART MEDICAL CARE
In our highly-specialized academic medical centre, a dedicated team uses a wide array of advanced technology to help patients with diseases and disorders of the nervous system. The hospital has 4 surgical suites, state-of-the-art equipment for interventional neuro-radiology, advanced CT, PET and MRI scanners, specialty day clinics, a large clinical trials unit and other many facilities.

24
neurologists
13
neurosurgeons
3
neuroradiologists
7
neuro-anaesthesiologists
237
nurses

Dr. Donatella Tampieri,
Director of Neuroradiology