



Canadian Academy of Health Sciences
Académie canadienne des sciences de la santé

Congratulations & Welcome to our 2016 Fellows!



MICHEL ALARY, UNIVERSITÉ LAVAL

Michel is a Professor of Social and Preventive Medicine whose career has been devoted to HIV and STD prevention research. He received the Mark Wainberg Lecturer Award from the Canadian Association for HIV Research in 2008, and the Researcher Emeritus Award from the Quebec Population Health Research Network in 2016. He was President of the International Society for STD Research (2007-11) and chaired its 2011 international conference in Québec. Michel is currently the Director of Population Health Research at the CHU de Québec.



DAVID ROBERT ANDERSON, DALHOUSIE UNIVERSITY

One of those rare individuals: a genuine “quadruple threat” - an outstanding researcher, clinician, administrator and teacher. He is an international leader in coagulation disorders whose studies define our standards of clinical care, appearing in the New England Journal of Medicine. His clinical expertise extends from the patient to the nation, caring for individuals while working to establish national standard of care protocols. He is a dedicated teacher and administrator, having been Chair of the Department of Medicine at Dalhousie and now Dean of the Faculty of Medicine at Dalhousie. He has a distinguished history of outstanding performance in the academic health sciences in Canada.



NANCY N. BAXTER, UNIVERSITY OF TORONTO

An internationally-renowned health services research leader in cancer screening and surgery. She conducts important research surrounding health service delivery that has an immediate and meaningful impact on patient care and policy. She has >150 publications, receiving numerous awards, including the 2014 CIHR Institute for Health Services and Policy Research Article of the Year. She has held leadership roles nationally, provincially and locally, including Chair of the Quality and Safety Committee of the American Society of Colon and Rectal Surgeons, Provincial Endoscopy Lead for Cancer Care Ontario, and Chief of General Surgery at St. Michael's Hospital.



MARCEL A BEHR, MCGILL UNIVERSITY

Director of the McGill International TB Centre and Microbiologist-in-Chief at the McGill University Health Centre, Dr. Behr trained at the University of Toronto, Queen's, McGill and Stanford, developing expertise in the molecular epidemiology and pathogenesis of tuberculosis (TB). Dr. Behr applies bacterial genetics to track TB with DNA-fingerprints and to identify virulence factors of the bacterium that causes TB. His work has been recognized in Quebec (Chercheur National Award of the FRSQ), Canada (Joe Doupe Award of the CSCI) and beyond (Election to the American Society for Clinical Investigation).



HELENE ANNE BERMAN, WESTERN UNIVERSITY

An internationally recognized scholar, whose research is community-based and focused on the subtle and explicit forms of violence experienced by women and children, social and structural inequalities, and health. She is Past President of the Nursing Network on Violence against Women International and lead editor of the ground-breaking report, 'In the Best Interests of the Girl Child' that has informed the development of numerous programs and policies in Canada. Her current research incorporates arts-based approaches in a Youth-Centered Participatory Action Research methodology to examine structural violence in the lives of young people in Canada.



IVY LYNN BOURGEOULT, UNIVERSITY OF OTTAWA

Recognized nationally and internationally for her research and scholarship on health workforce policy, health worker migration, midwifery and maternity care. She holds a CIHR Chair in Gender, Work and Health Human Resources and previously held CIHR and Canada Research Chairs. She co-founded the bilingual Canadian Society for the Sociology of Health and leads the Ontario and Canadian Health Human Resources Networks. Her dedication to effective knowledge exchange is evidenced with a number of consultations to Provincial Ministries of Health, Health Canada, the Pan American Health Organization and the World Health Organization.



ISABELLE BRUNETTE, UNIVERSITÉ DE MONTRÉAL

An Ophthalmologist-Cornea specialist and Professor of Ophthalmology who, throughout her career, has been an indefatigable spokesperson for the advancement of vision science. Dr. Brunette is a true visionary leader in ophthalmology research in Canada and abroad, recognized by her peers at the national and international levels. She is committed to influence public and private authorities of the importance of unifying ophthalmology research community across the country for the ultimate benefit of the patient. Based on her track record she will succeed.



ÉRIC A COHEN, UNIVERSITÉ DE MONTRÉAL

His creative approaches have led to the discovery of two virulence factors (Vpu and Vpr) encoded by HIV and his pioneering studies on the interactions between HIV and antiviral effectors of the host innate immune response have fostered a transforming understanding of HIV persistence and opened new avenues for the development of HIV curative strategies. Dr. Cohen is currently leading the Canadian HIV Cure Enterprise, a large research endeavor that is part of Canada's contribution to the global efforts towards an HIV cure.



JUDAH A DENBURG, MCMASTER UNIVERSITY

A world-renowned scholar, scientist, teacher and leader. As Scientific Director and CEO of the Allergy, Genes & Environment (AllerGen) Network of Centres of Excellence, hosted by McMaster University, he has pioneered several important and innovative biological concepts. Through his clinical investigations, he has facilitated the translation of allergy and immune-inflammatory disease discoveries into therapies and clinical practices to improve individual and community health. Dr. Denburg has also had a profound influence on a generation of experts in key positions in clinical care, academic medicine, health research, government and industry.



JASON R B DYCK, UNIVERSITY OF ALBERTA

A biomedical scientist who has achieved national and international peer recognition for his contributions to cardiovascular disease research. The quality, quantity and impact of his work are substantial and have contributed to his outstanding international reputation in his field. Dr. Dyck has extensive leadership experience at local, provincial, national and international levels. He has successfully fostered collaborations and built teams of researchers from multiple disciplines to work together to improve the treatment of patients. He is an innovative scientist who works toward expanding his findings from bench to bedside.



CAROLYN ANN EMERY, UNIVERSITY OF CALGARY

A physiotherapist and epidemiologist in the field of injury epidemiology. The focus of her research is in injury prevention in youth sport and recreation and pediatric rehabilitation. Her clinical and population health approach to the identification of risk factors for injury and evaluation of prevention strategies to reduce the risk of injury has had a significant public health impact through informing practice and policy in youth sport and recreation both within Canada and world-wide. Her research program also addresses consequences of injury and secondary prevention and rehabilitation strategies to reduce the burden of post-traumatic osteoarthritis, overweight/obesity and chronic illness.



WARREN G FOSTER, MCMASTER UNIVERSITY

An internationally recognized scientist with expertise in reproductive health and toxicology whose many contributions to the field have been recognized through salary awards from the Ontario Women's Health Council, teaching awards and election to leadership positions for professional societies such as the Canadian Fertility and Andrology Society and the Society of Toxicology. A strong advocate of science, Warren serves on numerous editorial boards and expert advisory panels on the National and International stage. Frequent media inquiries and invited community presentations provide further testament to his enthusiasm for communicating science to all levels of the community.



CHRISTINE MARTHE FRIEDENREICH, UNIVERSITY OF CALGARY

A cancer epidemiologist and pioneer in research of the role of physical activity in cancer control. Her contributions to identifying the role that physical activity plays in reducing cancer risk, improving coping, rehabilitation and survival after cancer diagnosis are internationally recognized. She is a leader and collaborator who brings commitment, passion and integrity to her endeavours. Her pursuit of excellence and her keen desire to mentor and train the next generation of scientists are particularly recognized.



BRIAN R GOLDEN, UNIVERSITY OF TORONTO

A recognized leader in health sector policy and research, Brian Golden is the Sandra Rotman Chaired Professor of Health Sector Strategy at the Rotman School of Management, and Vice-Dean of Professional Programs. He is the Executive Director of the Collaborative for Health Sector Strategy, a policy, research and leadership development institute funded by the Ontario Ministry of Health. Recipient of Canada's Ted Freedman Innovation in Healthcare Education Award and the Canadian Medical Association's first Eureka Award for Innovation in Physician Education. Professor Golden's research influences health policy. His teaching develops health system leadership in Canada and around the world.



ANDREW J HALAYKO, UNIVERSITY OF MANITOBA

A Professor of Physiology and Pathophysiology, Andrew is an internationally recognized authority in the pathobiology of chronic lung disease, contributing seminal work that shows how smooth muscle and fibroblasts can contribute to asthma pathogenesis, paving the way for novel therapies. He is a renowned regional, national and international leader, launching research networks, developing a National Respiratory Research Strategy and a multidisciplinary training and career development program for the Canadian Lung Association. He is the second ever PhD President of the Canadian Thoracic Society, and was elected to the Board of Directors of the American Thoracic Society.



HOWARD HU, UNIVERSITY OF TORONTO

Dean of the Dalla Lana School of Public Health and Professor of Environmental Health, Epidemiology, Global Health and Medicine. Howard is an internationally renowned environmental epidemiologist whose teams have studied the role of environmental exposures, nutrition, genetics, and epigenetics on fetal and child development and the risk of chronic disease in adults at Harvard and Michigan and since coming to Toronto in 2012. Dr. Hu has also led investigations for Physicians for Human Rights and chaired the Research Commission for the International Physicians for the Prevention of Nuclear War.



RICHARD LEE HUGHSON, UNIVERSITY OF WATERLOO

A world authority on the cardiovascular health effects of spaceflight and how these changes parallel consequences of aging. In scientific literature and in radio, television, print and internet media he has described how dramatic reductions in physical activity and the absence of daily adaptations to gravity with spaceflight or bed rest impact regulation of arterial blood pressure and brain blood flow, and accelerate arterial stiffening. His work promotes the benefits of physical activity as a primary intervention to slow the impact of age on vascular and cerebrovascular health.



IRA JACOBS, UNIVERSITY OF TORONTO

International organizations have sought his expertise to understand human performance capabilities and limitations in environmental extremes. Professor Jacobs is an academic leader who promotes the academic discipline of kinesiology as being integral to improving and sustaining the health of Canadians through physical activity.



SUSAN R KAHN, MCGILL UNIVERSITY

Founding Director of the Jewish General Hospital's Centre of Excellence in Thrombosis and Anticoagulation Care and the McGill Thrombosis Fellowship Program. Dr. Kahn's internationally-recognized research focuses on prevention and treatment of venous thromboembolism. She is a Tier 1 Canada Research Chair and was a Chercheur National of the Fonds de recherche du Québec-Santé. She was recently awarded a prestigious 7-year CIHR Foundation grant, and a 5-year CIHR grant to lead a national venous thrombosis research network. She has published more than 200 papers in peer-reviewed journals.



SHANA OLWYN KELLEY, UNIVERSITY OF TORONTO

An internationally recognized scientist who has made numerous contributions related to the development of new clinical diagnostic technologies. Her research group uses an interdisciplinary approach to develop new sensors for biomarkers of disease and applies them to make the diagnosis of infectious disease and cancer faster and more accurate. She has published over 130 scientific articles that have been cited more than 6,000 times, invented 20+ patents and co-founded two clinical diagnostic companies.



SIDNEY H KENNEDY, UNIVERSITY OF TORONTO

Principal Investigator of the Canadian Biomarker Integration Network in Depression and the Arthur Sommer Rotenberg Chair in Depression and Suicide Studies at the University of Toronto and St. Michael's Hospital. As a research psychiatrist, he has significantly advanced discovery of biological markers of treatment response, pioneered deep brain stimulation as an intervention for previously non-responsive depression and participated in the development of novel therapeutic agents. He is the founding Chair of the Canadian Network for Mood and Anxiety Treatments and has continued to develop internationally recognized clinical guidelines for the treatment of bipolar disorder and major depressive disorder.



MALCOLM KING, SIMON FRASER UNIVERSITY

Malcolm has pioneered advancements in respiratory therapy that have improved mucus clearance in cystic fibrosis and chronic obstructive lung disease and minimized aerosolization of airborne pathogens, reducing the spread of airborne diseases including tuberculosis and influenza. Through leadership roles in provincial, national and international organizations, he has lead the national effort to build capacity in Aboriginal health research by improving Indigenous community engagement in health research, providing more opportunities for Aboriginal trainees, and mentoring health researchers and trainees in ways to better the practice of health research to become more ethical, equitable, and relevant to Indigenous communities.



DALE W LAIRD, WESTERN UNIVERSITY

A widely recognized leader in Canadian health research in the area of cell biology for over two decades, Dale has received notable awards, many high profile publications and numerous leadership roles on strategic committees. He is the foremost researcher in the study of cell to cell communication and connection to over a dozen diseases raising the awareness that connexin-linked diseases are amongst the most common inherited diseases in society. His research program transcends conventional approaches as he employs tissue relevant cells, genetically-modified mice and humans to investigate cell communication in healthy aging and in disease treatment.



ANN C MACAULAY, MCGILL UNIVERSITY

A world-wide leader of participatory research with Indigenous communities, Ann received her medical degree from the University of St. Andrews, Scotland and immigrated to Canada in 1970. At McGill University she became the leader of the Centre for Participatory Research (PRAM) and the Kahnawake Schools Diabetes Prevention Project. Her advocacy for respectful research partnerships has resounded around the world and resulted in her membership in the National Academy of Medicine (formerly Institute of Medicine) and induction into the Order of Canada among other honours.



DEBRA GAIL MORGAN, UNIVERSITY OF SASKATCHEWAN

One of Canada's most innovative and respected researchers in rural and remote health service delivery, Debra has devoted her career to improving outcomes for patients with dementia and has changed how health services are delivered to rural and remote dementia patients in Saskatchewan. Expert in knowledge translation and community-based action research, she has received numerous awards, including the Saskatchewan Health Research Foundation Achievement Award (2015), the Alzheimer Society of Saskatchewan's Honorary Lifetime Membership Award (2011), and CIHR's Betty Havens Knowledge Translation Award (2011).



LAURIE J MORRISON, UNIVERSITY OF TORONTO

The Robert & Dorothy Pitts Research Chair in Acute Care & Emergency Medicine, Laurie is a Professor of Medicine and Clinician Scientist in the Division of Emergency Medicine. She leads RESCU, the largest resuscitation research program in the world, focusing on the evaluation of time sensitive interventions in acute emergencies (www.rescu.ca). She receives funding from the US National Institute of Health, Canadian Institute of Health Research, Heart and Stroke Foundation of Canada and Brain Canada. She has been a contributor to the International Liaison Council on Resuscitation Consensus on Science Statements and AHA Guidelines since 2005.



LOUISE NADEAU, UNIVERSITÉ DE MONTRÉAL

est professeure titulaire en psychologie à l'Université de Montréal. Ses travaux portent sur la prédiction de la récidive chez les contrevenants pour conduite avec facultés affaiblies, les troubles concomitants en addiction et les jeux de hasard et d'argent. Elle est présidente du Conseil d'administration d'Éduc'alcool (2010-), membre du CA de l'Institut national d'excellence en santé et en services sociaux (2010-) et du Comité aviseur pour la recherche HIV/sida des IRSC (2011-) dont elle fut la vice-présidente du Conseil (2000-2006). Elle a reçu le prix Marcel-Vincent de l'Acfas (2006), un Prix du Québec 2012, le prix Pierre-Dansereau de l'Acfas (2013) et fut élue à la Société royale du Canada en 2015.



TIM F OBERLANDER, UNIVERSITY OF BRITISH COLUMBIA

A developmental pediatrician dedicated to improving care of children with complex chronic pain and developmental challenges. He is an international leader in maternal-child health research, transgenerational effects and related practice and policy. Through a deep knowledge of biological and behavioral influences of maternal and infant environments, his research addresses risk and resilience, and how children may be affected by maternal mood and antidepressant exposure during pregnancy. He is a tireless advocate for optimizing children's well-being and, through provincial, national and international efforts he has improved the lives of thousands of children with developmental disabilities.



QUENTIN J PITTMAN, UNIVERSITY OF CALGARY

Recognized internationally for his novel and original contributions in integrative neuroscience, Quentin's work has led to new insights into our understanding of the control, by the brain, of the neuroendocrine and neuroimmune systems and the roles of peptides as neurotransmitters in these systems. Dr. Pittman has provided strong leadership at both the national and international level in the neurosciences, has played an active educational leadership role at his institution and has mentored many trainees who have gone onto successful academic, medical and biotech careers.



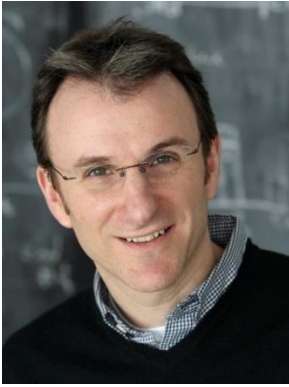
HUDE QUAN, UNIVERSITY OF CALGARY

International expert on health services research methodology who pioneers innovative programs for analyzing big health data. His contributions have improved optimal use of big data in numerous health research studies worldwide to advance science and discovery, and change research practice in the use of health data. In 2014 and 2015, he was designated one of the most highly cited researchers in the world (top 1%) by Thomson Reuters. Hude leads Alberta's Strategies for Patient Oriented Research (SPOR) Methods Platform and directs the World Health Organization Collaborating Centre in Classification, Terminology and Standards.



S MARTIN TAYLOR, UNIVERSITY OF VICTORIA

An outstanding health researcher and research administrator who pioneered research and teaching in health geography. He supervised doctoral students who are now health research leaders, led innovative interdisciplinary projects in population health, and founded the Institute of Environment and Health. As the University of Victoria's Vice-President Research, he was instrumental in establishing Canada's leading proteomics facility and in creating the Centre for Addictions Research BC. He chaired the Board of the Michael Smith Foundation for Health Research and now continues his leadership as Executive Director of the Canadian Research Data Centre Network.



GUSTAVO TURECKI, MCGILL UNIVERSITY

One of Canada's leading clinician-scientists in mental health, Dr. Turecki's research programs are of both strong international impact and of direct relevance to Canadian society. His research has established one of the leading and most ambitious international research programs in suicidal behavior, and his work has shaped our understanding of the epigenetic mechanisms that influence the development of vulnerability for mood disorders and suicide in human populations.



RICHARD DALE WEISEL, UNIVERSITY OF TORONTO

A Professor of Cardiac Surgery, Senior Scientist at the Toronto General Research Institute and a basic and clinical investigator whose new techniques of cardiac protection for heart surgery have been adopted worldwide. He discovered stem cell implantation prevented heart failure after coronary occlusion which stimulated clinical trials in Toronto and globally. He is now Editor of the highest ranked Journal and Chair of the largest clinical trials network in his specialty. Most important, he trained two generations of Surgical Scientists who have assumed leadership positions in Canada and the world.



DAVID WESTAWAY, UNIVERSITY OF ALBERTA

Director of the Centre for Prions and Protein Folding Diseases and holder of a Tier 1 CRC in Prion Diseases, David is the President of the Alzheimer's Society of Alberta and Northwest Territories. His work has defined the family of cellular prion proteins in mammals, genetic susceptibilities to prion disease and new laboratory models for Alzheimer's disease and other neurodegenerative disorders.



SUSAN J WHITING, UNIVERSITY OF SASKATCHEWAN

One of Canada's leading nutrition scholars and an internationally recognized authority on vitamin D and calcium supplementation. For over 40 years, Dr. Whiting has conducted research on dietary influences of bone health, effectiveness of nutrient supplements and calcium and vitamin D status. She has served on internationally significant boards and panels such the Institute of Medicine's Committee on Use of Dietary Reference Intakes in Nutrition Labelling and the North American Dietary Supplements Advisory Board. She received the Canadian Nutrition Society Lifetime Achievement Award in 2012.



DOUGLAS ZOCHODNE, UNIVERSITY OF ALBERTA

A Neurologist and Neuroscientist, Dr. Zochodne is the Director of the Division of Neurology and Co-Director of the Neurosciences and Mental Health Institute at the University of Alberta. He has devoted his career to understanding the biology and diseases of the peripheral nervous system, disorders that are common, disabling and frequently irreversible. He has been a leading investigator of diabetic polyneuropathy and nerve regeneration and he has served as Editor-in-Chief of the Canadian Journal of Neurological Science.
