



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

Forum 2018 - Speaker Biographies



Gordon J.G. Asmundson PhD, FRSC

Dr. Asmundson is a Registered Doctoral Psychologist and Full Professor of Psychology at the University of Regina. He received his doctorate in Psychology from the University of Manitoba in 1991, completed postdoctoral training from 1991-1993, and in 2005-2006 trained as a Beck Scholar at the Beck Institute for Cognitive Therapy and Research in Philadelphia. He is Editor-in-Chief of the Journal of Anxiety Disorders and Clinical Psychology Review and serves on the editorial boards for nine other journals.

His research and clinical interests are in assessment and basic mechanisms of fear, the anxiety and related disorders, and chronic pain, and the association of these with each other, maladaptive coping, and disability. His pioneering work on fear and avoidance in chronic pain and his shared vulnerability model of co-occurring PTSD and chronic pain have led to significant advances in understanding and treating these prevalent, disabling, and costly conditions. Dr. Asmundson has published well over 320 peer-reviewed journal articles, 66 book chapters, and 8 books. He is a Fellow of the Royal Society of Canada and has received the Canadian Psychological Association Donald O. Hebb Award for Outstanding Contributions to the Science of Psychology and the Canadian Pain Society Distinguished Career Award.



Kathryn (Katie) Birnie PhD CPsych

Dr. Birnie is a registered psychologist and CIHR-funded postdoctoral fellow at the University of Toronto and The Hospital for Sick Children in Toronto, Ontario. She completed her PhD in Clinical Psychology at Dalhousie University and the IWK Health Centre in Halifax, Nova Scotia.

Dr. Birnie's research advances knowledge of psychosocial factors in pain from bench to bedside to health policy. Her current work strives to build capacity for patient and family partnership in health research by leading a national CIHR-funded patient engagement initiative in pediatric chronic pain. Dr. Birnie has also worked clinically with children, adolescents, and adults with chronic pain, and their families, at The Hospital for Sick Children and the Toronto Western Hospital.



Norm Buckley, BA (Psych), MD, FRCPC

Dr. Buckley's particular interests are pain, both acute and chronic. He was Director of the Pain Management Centre at the Hamilton General Hospital and has been extensively involved in the development and organization of the acute post operative pain service for adult and pediatric patients, and the pediatric sedation services. His clinical practice is divided between chronic pain management and anesthesia at McMaster University, with an interest in pediatric practice.

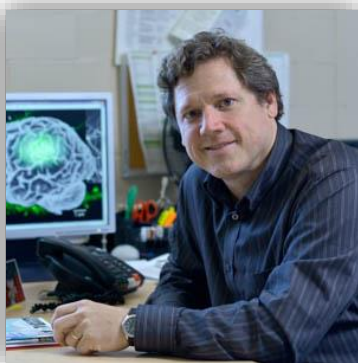
The mission of the Michael G. DeGroote Institute for Pain Research and Care is to understand the underlying mechanisms of chronic pain in order to develop better prevention, diagnosis and treatment strategies. As Director of the Michael G. DeGroote National Pain Centre, Dr. Buckley's work focusses on improving the management of chronic pain through the dissemination of best practice information and guidelines for managing pain.



Fiona Campbell MD, FRCA



Dr. Campbell is an Associate Professor in the Faculty of Medicine, University of Toronto, and a Pain Physician in the Department of Anesthesia & Pain Medicine at the Hospital for Sick Children. She is Co-Director of the SickKids Pain Centre. In partnership with the Ontario Ministry of Health and Long-term Care (MOHLTC), Dr Campbell co-chairs the Pediatric section of the Chronic Pain Advisory Network developing a provincial strategy for pain. The Network aims to increase access to pediatric chronic pain clinics, reduce disparities in care, standardize model of care across specialist services, and foster research and educational initiatives to build capacity in the community. She is the medical lead of Pediatric Project ECHO for pain, an education innovation that uses videoconference technology to 'move knowledge not patients', so that kids can be seen in their own communities by better informed providers.

Dr. Campbell has participated in three Health Quality Ontario (HQO) Quality Standard Advisory Committees and joined the MOHLTC Opioid Emergency Task Force. She chairs the Advisory Committee of the Pain Society of Alberta. Dr Campbell is President of the Canadian Pain Society and is a strong advocate for the development and implementation of a Canadian National Pain Strategy.



Yves De Koninck PhD, FRSC, FCAHS

Yves De Koninck is professor of Psychiatry & Neuroscience at Université Laval, Adjunct Professor of Pharmacology at McGill University, Scientific Director of the CERVO Brain Research Centre and Director of Research of the Quebec Integrated University Health and Social Services Centre. Former President of the Canadian Association for Neuroscience, he founded the Quebec Pain Research Network and holds a Canada Research Chair in Chronic pain and related brain disorders. His research focuses on altered synaptic function in pathological syndromes, including chronic pain, drug dependence, and cognitive decline in aging and Alzheimer's disease. This includes understanding the basis of cell signalling, synaptic plasticity and neuroimmune interactions underlying these syndromes. He also leads the Canadian Neurophotonics Platform, which brings together physical and biomedical scientists from seven leading centres across Canada to support the development and testing of new optics-photonics tools to

	<p><i>push further the field of neuroscience. Finally, he leads Sentinel North, a global initiative to harness the power of light for the benefit of health, the environment and sustainable development in the North. He is a Fellow of the Canadian Academy of Health Sciences and of the Royal Society of Canada. He received the Jacques-Rousseau Prize from Acfas, the Brockhouse Canada Prize from the Natural Sciences and Engineering Research Council of Canada and the Emily Gray Award from the Biophysical Society for his interdisciplinarity leadership. He also received an honorary doctorate from University of Montreal and the Distinguished Career Award from the Canadian Pain Society.</i></p>
	<p>Maria Hudspith</p> <p><i>I am the Executive Director of Pain BC, a collaborative NGO working to improve the lives of people who live with chronic pain. I am one of the Principal Investigators for the CIHR-funded Chronic Pain Network and co-lead for the CPN's patient engagement initiatives. I have been extensively involved in provincial and national advocacy, policy, and education aimed at transforming the way pain is understood and treated in Canada.</i></p> <p><i>I have consulted widely for public institutions and NGOs aiming to improve community health and facilitate engagement of diverse stakeholders in system redesign and policy.</i></p>
	<p>Gilles Lavigne DMD, PhD, FCAHS</p> <p><i>Gilles Lavigne is a dentist who completed research training on sleep disorders and pain. He currently holds a Canada Research Chair in Pain, Sleep and Trauma. He has served as Dean of the Faculty of Dental Medicine (Université Montréal) and was President of the Canadian Sleep Society and the Canadian Pain Society. Currently occupations include interim director of research at the CIUSS Nord Ile de Montreal and research in pain and sleep disorders and, in brain injury patients.</i></p>



Serge Marchand PhD

SERGE MARCHAND is the Scientific Director of the FRQS. Prior to his appointment (August 2017), he was Professor at the Faculty of Medicine at the Université de Sherbrooke, and director of pain research labs at the Sherbrooke University Hospital Research Center. He completed his PhD in Neuroscience at Université de Montréal in 1992 and his post-doctoral training at the University of California in 1994. He held the Joint Chair in Physiopathology of Pain UQAT-Université de Sherbrooke (2002-2010), and was the Scientific Director of the CHUS Research Center (2008-2013). He has authored several articles, book chapters and books on the neurophysiology of pain, and served on numerous national and international evaluation committees. His research focuses on the neurophysiological mechanisms responsible for the development and persistence of chronic pain.



Patrick J. McGrath PhD, OC, FCAHS, FRSC

Dr. McGrath is a clinical psychologist and Professor of Psychiatry at Dalhousie University. From 2007-2017 he was VP Research, Innovation and Knowledge Translation, eventually at both the health authorities in Nova Scotia. He developed mechanisms to move research into care including the Translating Research into Care grants, the BIOTIC translational imaging centre and Chez NICU. McGrath's research is in e-health and pediatric pain. He developed and evaluated the Strongest Families program that delivers mental health care using coaches and an interactive website to over 5 thousand families a year across Canada. He won the Manning principal Award, the Mental Health Commission Social Innovation Award and a Governor General's Innovation Award for Strongest Families. He developed numerous behavioral measures of pain and is senior editor of the Oxford Textbook of Pediatric Pain. He has an H index of 88 (Google Scholar) and has published over 315 peer reviewed publications and 14 books that have been cited over 30,000 times. McGrath is an Officer of the Order of Canada and Fellow of the Royal Society and the Canadian Academy of Health Sciences. He has received many national and international awards for his research, mentoring, advocacy and health leadership.



Carley Ouellette RN, BScN, MSc(c)

Carley Ouellette is a young adult living with chronic pain, participating as a patient partner within the Chronic Pain Strategy for Chronic Pain Network (SPOR) serving as the current co-chair on the Training and Mentoring Committee and the Pediatric Registry Committee.

Carley is a registered nurse working at Hamilton Health Sciences as a Cardiac Surgical Research Nurse and is currently completing a Masters' of Science in Nursing (Thesis-based) degree at McMaster University under the supervision of Dr. Michael McGillion.



Louise Potvin PhD, FCAHS

Louise Potvin is currently professor at the Department of Social and Preventive Medicine, School of Public Health (ESPUM), Université de Montréal. She is the Director of the Institut de recherche en santé publique, Université de Montréal (IRSPUM) and researcher at the Centre de recherche Léa-Roback sur les inégalités sociales de santé de Montréal. She holds the Canada Research Chair in Community Approaches and Health Inequalities. Her main research interests are Population Health Intervention Research and the role of social environments in the local production of health and health equity. In addition to having edited and co-edited 8 books, she has published more than 280 peer-reviewed articles, book chapters, editorials and comments. She is the Vice-President for Scientific Affairs of the International Union for Health Promotion and Education and the Editor-in-Chief of the Canadian Journal of Public Health. She is a Fellow and a member of the Board of Directors of the Canadian Academy of Health Sciences. She received the 2017 Pierre-Dansereau Award from the Association canadienne française pour l'avancement des sciences (ACFAS) in recognition of a researcher's social engagement.



Linda L. Porter

Dr. Linda Porter directs the National Institutes of Health's Office of Pain Policy. She holds a bachelor's degree in Physical Therapy from McGill University and a Ph.D. in Neuroscience from Boston University. Dr. Porter trained in neurophysiology at Rockefeller University and then served on the faculty of the Uniformed Services University, where she directed an NIH funded research program on sensory-motor integration. Dr. Porter joined the NIH in 2003. She plays an essential role in promoting the objectives and activities of the NIH Pain Consortium and the Interagency Pain Research Coordinating Committee, whose missions respectively, are to advance the trans-NIH and interagency pain research agenda. She co-chaired the development of the National Pain Strategy report and now its implementation committee. She also co-chaired the development of the Federal Pain Research Strategy.


Dr. Porter has been recognized for her work in advancing the federal pain research agenda and efforts on moving forward the National Pain Strategy by a President's Award from the American Academy of Pain Management, NIH Director's Awards, and the Emma and John Bonica Public Service Award from the American Pain Society.




Linda Rabeneck MD, MPH, FRCPC, FCAHS

Dr. Linda Rabeneck, a physician, clinician scientist and health care executive, is Vice President, Prevention and Cancer Control at Cancer Care Ontario. She holds an academic appointment as Professor of Medicine at the University of Toronto (U of T), and Senior Scientist at the Institute for Clinical Evaluative Sciences (ICES) in Toronto. Previous leadership roles include Director, Division of Gastroenterology, U of T, and Regional Vice President and Chief of the Odette Cancer Centre at Sunnybrook Health Sciences Centre in Toronto.

Dr. Rabeneck received her MD from the University of British Columbia (UBC), followed by post-graduate training in Internal Medicine and Gastroenterology at UBC and the U of T. She received her Master's degree in Public Health (MPH) from Yale University, where she trained as a Robert Wood Johnson Clinical Scholar.

	<p><i>Dr. Rabeneck, whose scholarly work focuses on the evaluation of health care and health system performance, is best known for her research on colorectal cancer screening. Dr. Rabeneck is the author of over 230 peer-reviewed publications and has made critical research findings that shaped our understanding of the quality and effectiveness of colonoscopy. She currently serves as Associate Editor of GASTROENTEROLOGY and Chair, Colorectal Cancer Screening Committee, World Endoscopy Organization. As Chair Dr. Rabeneck leads meetings of clinicians and scientists that advance the science and practice of colorectal cancer screening in the US, Europe and Asia-Pacific.</i></p> <p><i>Dr. Rabeneck played a leadership role in the launch of ColonCancerCheck in Ontario, Canada's first organized, province-wide colorectal cancer screening program. Under her leadership, Ontario is the only province to launch an organized screening program for women at high risk of breast cancer (High Risk Ontario Breast Screening Program) and to launch a pilot of organized lung cancer screening for persons at high risk of the disease (High Risk Lung Screening Program).</i></p> <p><i>Dr. Rabeneck was elected Master, American College of Gastroenterology (ACG), received the ACG's Berk/Fise Clinical Achievement Award, and UBC's Medical Alumni Association Wallace Wilson Leadership Award. In 2012, Dr. Rabeneck was elected Fellow of the Canadian Academy of Health Sciences and in 2017, she became President.</i></p>
	<p>Terrence P. Snutch PhD, FCAHS, FRSC</p> <p><i>Prof. Snutch is considered a pioneer in molecular neurobiology and was the first to describe that a molecularly diverse family of calcium channels underlie physiological properties ranging from neurotransmitter release to burst-firing to pain signaling. Calcium channels are implicated in numerous human diseases and Dr. Snutch's work provided new therapeutic targets for migraine, congenital night blindness, autism, epilepsy, chronic pain and psychotic disorders. In 1998, he initiated translational and commercialization strategies aimed at human CNS disorders. These included the design, preclinical development and entry into clinical trials of the first small organic calcium channel blocker aimed at the treatment of chronic pain. He also oversaw the FDA approval and market entry of a novel opioid formulation currently the strongest once-daily</i></p>

	<p><i>analgesic on the market (Exaglo™). The latter effort represents the first (and thus far only) university spin-off in Canada to obtain FDA approval for an oral drug. Prof. Snutch has also developed the first clinical-stage selective, high-affinity T-type calcium channel blocker, Z944. Z944 alleviates absence and temporal lobe seizures in animal models, has passed human phase 1a/1b safety trials, and shown efficacious in a human model of acute inflammatory pain. Prof. Snutch's recent research has focused on epilepsy, neuropathic pain, anxiety, congenital migraine, neuronal swelling/death mechanisms, and Sudden Unexpected Death in Epilepsy (SUDEP).</i></p> <p><i>Prof. Snutch is author on 178 research papers and inventor on 115 issued patents. His seminal contributions have been recognized through prestigious scientific awards, including the International Albrecht Fleckenstein Award (Bayer), the Steacie Prize, Howard Hughes International Research Scholar, the Sarrazin Award, an honorary doctorate from Simon Fraser University, and induction as a Fellow of the Royal Society of Canada, the Canadian Academy of Health Sciences, and the National Academy of Inventors (USA).</i></p>
	<p>Bonnie Stevens RN, PhD, FCAHS</p> <p><i>Bonnie Stevens is a professor at the Lawrence S. Bloomberg Faculty of Nursing and Faculties of Medicine and Dentistry at the University of Toronto. She is also Associate Chief of Nursing Research and a Senior Scientist in the Child Health Evaluative Sciences program at The Hospital for Sick Children (SickKids). Dr. Stevens is the Director of the University of Toronto Centre for the Study of Pain, Co-Director of the Pain Centre at SickKids and Chair of the Certification Committee for ChildKind International. She is a Fellow of both the Canadian Academy of Health Sciences and the American Academy of Nursing.</i></p> <p><i>Dr. Stevens has held a Career Scientist Award from the Ontario Ministry of Health and Long Term Care and the Premier's Research Excellence Award from the Ontario Ministry of Energy, Science and Technology. She has received the Dr. Mary Ellen Jeans Lectureship Award from the Canadian Pain Society, The Mayday Society and Fellowship Award and the American Pain Society's Jeffrey Lawson Award for Advocacy in Children's Pain Relief. She has over 300 published papers and abstracts and is the co-editor of the "Oxford Textbook of Pain in Children" (Oxford University Press) and "Pain in Neonates and Infants" (Elsevier).</i></p>



Michael John L. Sullivan, PhD

Dr. Michael Sullivan is currently Professor of Psychology, Medicine and Neurology at McGill University. He also holds cross-appointments with the School of Physical and Occupational Therapy and is Scientific Director of the Centre for Research on Pain, Disability and Social Integration. He has lectured nationally and internationally on the social and behavioral determinants of pain and disability. He is known primarily for his research on psychosocial determinants of pain and disability, and the development of community-based interventions to promote occupational re-integration following debilitating injury.

Dr. Sullivan has published over 200 scientific papers, 22 chapters, and 5 books. He currently holds a Canada Research Chair in Behavioral Health. In 2011, Dr. Sullivan received the Canadian Psychological Association Award for Distinguished Contributions to Psychology as a Profession. Dr. Sullivan completed his undergraduate training at McGill University and his graduate training at Concordia University in Montreal.



Samuel Weiss, PhD, FCAHS, FRSC

Dr. Samuel Weiss is a professor at the University of Calgary's Cumming School of Medicine. He is the founder and was the inaugural Director of the University of Calgary's Hotchkiss Brain Institute, whose mission is to translate innovative research and education into advances in neurological and mental health care.

Dr. Weiss' own explorations into the brain have changed the fields of developmental neurobiology and neural regeneration and have earned him one of the world's most prestigious medical science awards, a Gairdner International Award. His current work focusses on the stem cell biology of human brain tumour with an eye towards developing new therapies.

As the Scientific Director of CIHR-INMHA, Dr. Weiss works with the Canadian neurosciences, mental health and addiction communities to identify research priorities, develop research funding opportunities, build partnerships and translate research evidence into policy and practice to improve the health of Canadians and people around the world.



Gerald W. Zamponi PhD, FCAHS, FRSC

Dr. Gerald Zamponi is an internationally recognized expert on the molecular physiology of ion channels and their role in nervous system function. His research focuses on exploring how these channels contribute to neurological disorders such as chronic pain, and on deciphering brain circuits involved in the processing of pain signals. His goal is to develop strategies to regulate ion channel function for therapeutic intervention.

Dr. Zamponi's scientific work has garnered dozens of national and international awards. He has also authored more than 270 papers in top tier scientific journals and has been invited to present at more than 200 scientific conferences around the world. In addition, his research on ion channel therapeutics has resulted in numerous patents.

Dr. Zamponi served as Head of the Department of Physiology and Pharmacology and is currently the Senior Associate Dean for Research at the Cumming School of Medicine, University of Calgary. He is a Canada Research Chair in Molecular Neuroscience and a Fellow of the Royal Society of Canada, and the Canadian Academy of Health Sciences.