

# HEALTH RESEARCH CAUCUS ON PAIN RESEARCH

OCTOBER 17, 2011

4 P.M. TO 7 P.M.

ROOM 256-S, CENTRE BLOCK

## *Advocating for Excellence*



## *Educating for Change*

*Research Canada: An Alliance for Health Discovery* spearheaded the creation of a Health Research Caucus in 2009, drawing parliamentarians from all political parties to participate in a non-partisan forum to discuss the critical importance of health research to the health and wealth of Canadians, and consider the benefits of the health research industry's skilled and knowledgeable work force.

This successful initiative continues with a Parliamentary Reception to be held **October 17, 2011**, on Pain Research, to be co-hosted by the Canadian Pain Society. Health Research Caucus events are convened under the chairmanship of Senator Kelvin K. Ogilvie, one of Canada's most accomplished scientists and a dedicated advocate of Canada's knowledge-based economy.



*Senator Kelvin K. Ogilvie,  
Health Research Caucus Chair*



# HEALTH RESEARCH CAUCUS

## INFORMATION SESSION ON PAIN RESEARCH

OCTOBER 17, 2011, 4 P.M. TO 7 P.M.



## PROGRAM HIGHLIGHTS

*Research Canada: An Alliance for Health Discovery* and the Canadian Pain Society are pleased to present an information session and reception for parliamentarians on Pain Research, a subject of increasing importance for the health and well-being of Canadians.

The event will feature three speakers and a series of kiosks situated so that attendees may view research highlights and speak directly with some of Canada's eminent scientists working in the following areas:

- *Children's Pain;*
- *Musculoskeletal Pain;*
- *Pain and Mental Health;*
- *Neuropathic Pain; and*
- *Chronic Pain.*

### RESEARCH CANADA: AN ALLIANCE FOR HEALTH DISCOVERY

Research Canada is a not-for-profit, voluntary organization that is a national voice for health research advocacy in Canada. The organization has evolved from the Council for Health Research in Canada (CHRC), established in 1996, into a broad-based alliance dedicated to collaborative advocacy action. Working for all Canadians, its membership is drawn from all sectors dedicated to increasing investments in health research, including the leading health research institutes, national health charities, hospitals, regional health authorities, universities, private industry and others.

### Senator Kelvin K. Ogilvie, Chair of the Health Research Caucus

A world renowned scientist and member of the Order of Canada, Senator Kelvin K. Ogilvie is one of our country's most accomplished leaders in the fields of biotechnology, bioorganic chemistry, and genetic engineering. His acclaimed contributions to health and medical research include the development of the "Gene Machine," an automated process for the manufacture of DNA; the invention of Ganciclovir, a drug used worldwide; and a now-industry-standard methodology for developing the Transfer RNA molecule (tRNA).



Senator Ogilvie has been a steadfast proponent of Canadian health research on Parliament Hill, and this dedication to fostering Canadian competitiveness in our global knowledge-based economy continues with his Chairmanship of the Health Research Caucus. In collaboration with Research Canada, Senator Ogilvie is working to bring to his parliamentary colleagues a better understanding of the critical importance of health research to the health and well-being of Canadians.



# HEALTH RESEARCH CAUCUS ON PAIN RESEARCH

OCTOBER 17, 2011, 4 P.M. TO 7 P.M.  
ROOM 256-S, CENTRE BLOCK

## PROGRAM HIGHLIGHTS

### GUEST SPEAKERS

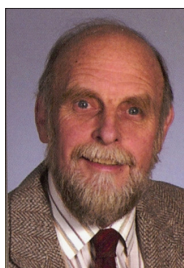
**Dr. Patrick J. McGrath, Dalhousie University and Vice-President of IWK Health Centre**



Dr. Patrick J. McGrath, Canada Research Chair and Professor of Psychology, Pediatrics and Psychiatry at Dalhousie University and Vice-President of Research at the IWK Health Centre, is an expert in innovative delivery of mental health care and the diagnosis and treatment of pain in children. His research has been recognized through awards from the Canadian Psychological Association, the

American Psychological Association, the Canadian Pain Society, the American Pain Society, and the Canadian Institutes of Health Research (CIHR). He received the Order of Canada (Officer) in 2003. He is a Fellow of the Royal Society of Canada and the Canadian Academy of Health Sciences. He has been a member of the CIHR Institute Advisory Board for the Institute of Human Development, Child and Youth Health. He received his undergraduate and masters education at the University of Ottawa and the University of Saskatchewan and his PhD from Queen's University.

**Dr. Barry Sessle, University of Toronto**



Dr. Barry J. Sessle is Professor at the University of Toronto, Faculty of Dentistry and Faculty of Medicine and a member of the Centre for the Study of Pain, and holds a Canada Research Chair. He is also an elected Fellow of the Royal Society of Canada and member of the Canadian Academy of Science. He is Past-President of the Canadian Pain Society and Past-President of the International Association for the Study of Pain (IASP). He has also served as President of the International

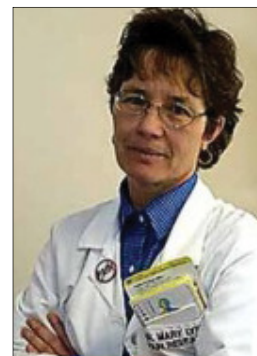
Association for Dental Research (IADR) and President of the Canadian Association for Dental Research. He is currently Secretary of the Canadian Pain Foundation and of ACTION Ontario.

His other honours and awards include the IADR Oral Sciences Award, the IADR J.J. Pindborg International Prize in Oral Biology, the Distinguished Career Award of the Canadian Pain Society, an Honorary membership with the IASP and of the American Academy of Orofacial Pain, and honorary doctorates (D.Sc.) from McGill University and Aalborg University (Denmark). Dr. Sessle obtained his dental training from the University of Sydney (Australia) and his PhD in neurophysiology from the University of New South Wales (Australia) in the 1960s. After post-doctoral research at the U.S. National Institute of Dental Research, he joined the University of Toronto in 1971. He was Dean of the Faculty of Dentistry from 1990-2001.

**Dr. Mary Lynch, Dalhousie University and Past-President, Canadian Pain Society**

Dr. Mary Lynch is Professor of Anesthesia, Psychiatry and Pharmacology at Dalhousie University and Director of the Pain Management Unit at the QEII Health Sciences Centre. She has 20 years of experience as a clinician and researcher assisting patients with chronic pain.

Dr. Lynch's research interests have focused on the development of new agents for the treatment of neuropathic pain, integrative care in chronic pain management, development of wait-times benchmarks and strategies for service delivery. She is principal investigator of the Canada Foundation for Innovation funded Canadian Pain Trials Network and founding director of the Canadian Consortium for the Investigation of Cannabinoids. Dr. Lynch currently holds funding from the Canadian Institutes for Health Research, the Nova Scotia Health





## HEALTH RESEARCH CAUCUS ON PAIN RESEARCH OCTOBER 17, 2011 PROGRAM HIGHLIGHTS

Research Foundation and the Dalhousie Faculty of Medicine for a randomized controlled trial examining the efficacy of methadone in the treatment of chronic neuropathic pain. Dr. Lynch is Past-President of the Canadian Pain Society, and has previously chaired its wait-times task force and co-chaired the task force on service delivery. She has also served as co-chair of the International Association for the Study of Pain's task force on wait-times.

Dr. Lynch was awarded a coveted Mayday Fellowship and the Dr. Helen Hays Award for Excellence in Pain Management. She is the author of the self-help manual "Surviving Your Personal Injuries Claim and Litigation."

### PRESENTERS

#### CHILDREN'S PAIN

**Dr. Patrick J. McGrath, Dalhousie University and Vice-President of IWK Health Centre (see biography on page 3)**

**Dr. Bonnie Stevens, University of Toronto and Hospital for Sick Children**

Dr. Bonnie Stevens is Professor in the Lawrence S. Bloomberg Faculty of Nursing and Faculty of Medicine at the University of Toronto, and is currently the Signy Hildur Eaton Chair in Paediatric Nursing Research and Associate Chief of Nursing at the Hospital for Sick Children Research Institute. She is also a founding board member of the University of Toronto Centre for the Study of Pain; an inaugural member of the Institute of Human Development; and sits on the Child and Youth Health Advisory Board at CIHR. She earned her BScN from McMaster University, her MScN from the University of Toronto, and her PhD from McGill University.

Dr. Stevens has held a Career Scientist Award from the Ontario Ministry of Health and is a recipient of several awards including the Premiers Research Excellence Award and the American Pain Society's Jeffrey Lawson Award for advocacy in Children's Pain Relief. The foci of her research are the assessment and management of pain in infants and children; the evaluation of health services delivery models in children with chronic and life-threatening illnesses; and assessing knowledge translation strategies. She is the Principal Investigator of the CIHR Team in Children's Pain investigating innovative interactive interventions for translating pediatric pain research into clinical practice in 32 hospital units in 8 pediatric hospitals in Canada. She has over 200 published papers and abstracts and is the co-editor of the 2007 book "Pain in Neonates and Infants" (Elsevier).

#### CHRONIC PAIN

**Dr. Mary Lynch, Dalhousie University and Past-President, Canadian Pain Society (see biography on page 3)**

**Dr. Cathy Bushnell, McGill University and President, Canadian Pain Society**

Dr. Cathy Bushnell is the Harold Griffith Professor of Anesthesia and Professor in Dentistry and Neurology at McGill University. She is President-Elect of the Canadian Pain Society and Editor-in-Chief of International Association for the Study of Pain (IASP) Press. She was Director of the Alan Edwards Centre for Research on Pain from 2003-2009. Dr. Bushnell won the Frederick Kerr Award for Basic Research in Pain from the American Pain Society in 2003 and the Distinguished Career Award from the Canadian Pain Society in 2002. In 2009, she was awarded a senior Canadian Research Chair in Clinical Pain. Dr. Bushnell received a PhD in Experimental Psychology from the American University in Washington, D.C. in 1977 and completed postdoctoral training in neurophysiology at the National Institutes of Health in Bethesda, Maryland. Her research interests include forebrain mechanisms of pain processing, psychological modulation of pain, and neural alternations in chronic pain patients. Current research projects utilize brain imaging and psychophysical testing to study the neural basis of pain processing in humans, as well as rodent behavioral testing and rodent brain imaging. Both normal pain processing and aberrant processing after nervous system damage are addressed.

#### MUSCULOSKELETAL PAIN

**Dr. Jason McDougall, University of Calgary**

Dr. Jason McDougall is Associate Professor in the Department of Physiology and Pharmacology at the University of Calgary. His research focuses on the role of nerves in controlling joint inflammation and pain using models of rheumatoid arthritis, osteoarthritis and joint injury. Dr. McDougall's laboratory examines the effects of various neurotransmitters on knee joint physiology. Using a uniquely integrative approach to arthritis research, his lab will provide a better picture of



## HEALTH RESEARCH CAUCUS ON PAIN RESEARCH OCTOBER 17, 2011 PROGRAM HIGHLIGHTS

the pathophysiological changes associated with arthritis and hopefully lead to the development of better and more meaningful drug therapies.

### **Dr. Mary-Ann Fitzcharles, McGill University and Montreal General Hospital**

Dr. Mary-Ann Fitzcharles is an Associate Professor of Medicine in the Division of Rheumatology at McGill University. She received her medical education at University of Cape Town, South Africa, and completed specialist training in rheumatology at the London Hospital, Whitechapel, London, England. She has been on faculty at McGill University since 1984, and has been a consultant rheumatologist to the McGill Pain Centre, at the Montreal General Hospital for the past 5 years. In the past 10 years, her research interests have been in the area of pain and rheumatic diseases. Publications have been in the area of chronic pain in fibromyalgia, alternative treatments use in rheumatic diseases, and more recently, evaluation of the pain experience in rheumatoid arthritis and osteoarthritis. Other research activities include evaluation of new compounds in the management of osteoarthritis, rheumatoid arthritis, psoriatic arthritis, and fibromyalgia syndrome.

### **NEUROPATHIC PAIN**

#### **Dr. Barry Sessle, University of Toronto (see biography on page 3)**

#### **Dr. Dwight Moulin, University of Western Ontario**

Dr. Dwight Moulin is a professor in the Departments of Clinical Neurological Sciences and Oncology at the University of Western Ontario (UWO), where he holds the Earl Russell Chair of Pain Research. He is also Medical Director of Pain and Symptom Management at the London Regional Cancer Program and Head of the Division of Neurology at Victoria Campus at London Health Sciences Centres in London, Ontario. Dr. Moulin sees patients who require pain and symptom management as part of the Supportive Care division of the London Regional Cancer Program. Dr. Moulin is a graduate of UWO, where he also trained in neurology. He then completed a 2-year Fellowship in Pain and Neuro-Oncology at Memorial Sloan-Kettering Cancer Centre in New York City from 1983 to 1985. Dr. Moulin's research interests include the role of sublingual methadone in the management of sudden severe cancer pain and also the role of adjuvant analgesics in the management of cancer-related bone pain.

### **PAIN AND MENTAL HEALTH**

#### **Dr. Kenneth Craig, University of British Columbia**

Dr. Kenneth Craig is Professor Emeritus in the Department of Psychology at the University of British Columbia (UBC). He is Editor-in-Chief of Pain Research and Management, the journal of the Canadian Pain Society. His current research is supported by the CIHR and the Social Sciences and Humanities Research

Council of Canada. His research focuses on pain assessment; socialization of individual differences in pain experience and expression; nonverbal communication; social parameters of care delivery and pain in infants and children; and people with communication limitations. This research has been published in more than 200 articles in scholarly journals and volumes and books.

At UBC, Dr. Craig is Chair of the Behavioural Research Ethics Board and Director of the Health Research Resources Office (HeRRO) for the Office of the Vice President, Research & International. He has served as Associate Dean of Graduate Studies, Distinguished Scholar in the Peter Wall Institute of Advanced Studies and Director of the Graduate Program in Clinical Psychology. Honours have included status as a CIHR Senior Investigator, the Canada Council I. W. Killam Research Fellowship, the Canadian Pain Society Distinguished Career Award, and the American Pain Society Jeffrey Lawson Award for Advocacy in Children's Pain Relief. He has served as President of the Canadian Pain Society and the Canadian Psychological Association.

#### **Dr. Joel Katz, York University**

Dr. Joel Katz is a Professor in the Department of Psychology and School of Kinesiology and Health Science at York University in Toronto, where he holds a Canada Research Chair in Health Psychology. He is the Director of the Acute Pain Research Unit, Department of Anesthesia and Pain Management at the Toronto General Hospital and at Mount Sinai Hospital in Toronto, and is a Professor of Anesthesia at the University of Toronto.

Dr. Katz has published widely in the field of pain. He has received awards and honors for contributions to pain research and management. Dr. Katz is a consultant reviewer for numerous scientific journals and is on the editorial board of Acute Pain and Pain Research and Management, the official journal of the Canadian Pain Society.

His program of research includes several themes around the psychological, emotional, and biomedical factors involved in acute and chronic pain. Particular emphasis is on understanding the psychological and physiological processes involved in the transition of acute, time-limited pain to chronic, pathological pain; identifying factors involved in the establishment and re-activation of "pain memories" after amputation (phantom limb pain) and other traumatic events; pre-emptive analgesia and other preventive pharmacological interventions designed to minimize acute post-operative pain and to elucidate the mechanisms involved in post-operative sensitization; developing pharmacological and non-pharmacological interventions to minimize pain and stress in hospitalized infants; and gender differences in pain.