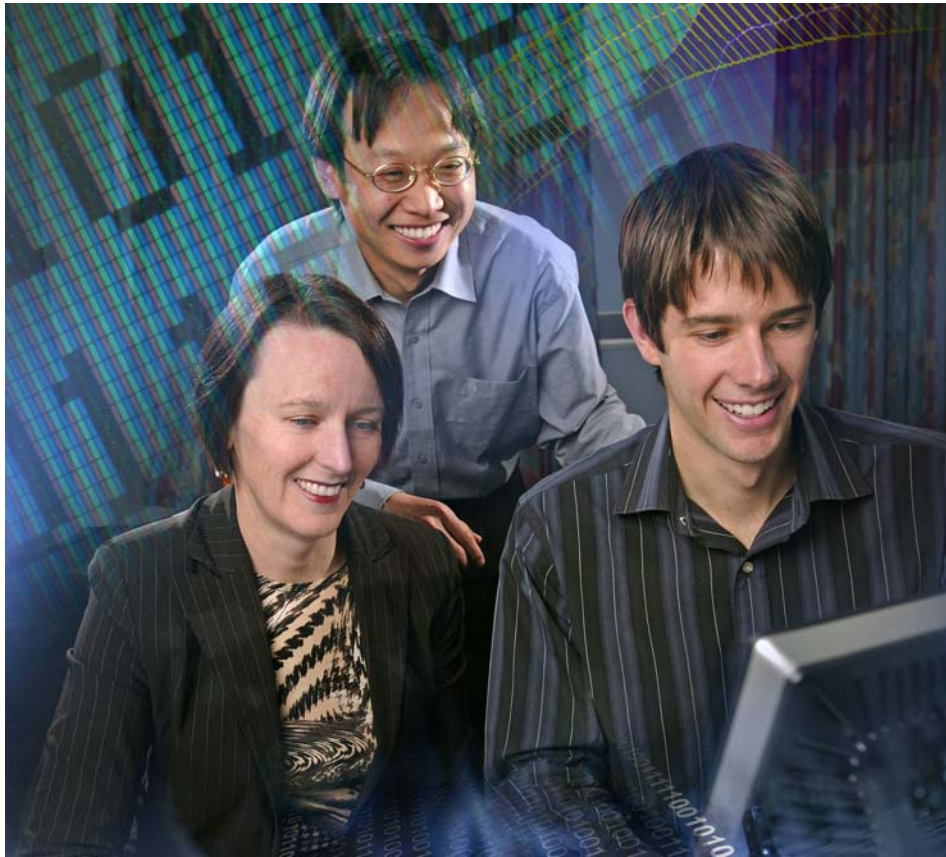


# *Research 2007*



## **THE SPINE CARE REVOLUTION**

**April 27-28, 2007**

**Marriott Pinnacle Hotel**

**Vancouver, B.C. Canada**

Sponsored by :

British Columbia Chiropractic Association  
Canadian Chiropractic Research Foundation.



Canadian Chiropractic Research Foundation  
La Fondation canadienne pour la recherche en chiropratique



The conference will bring together some of the foremost research scientists in the world today dealing with neurophysiological issues. This is an unprecedented opportunity for practitioners, health authorities, educators and researchers.

The speakers are in the vanguard of change sweeping health care today and treatment protocols, with breakthroughs on many fronts.

Topics will include:

- NEUROPHYSIOLOGY
- REGENERATIVE MEDICINE
- BIOMECHANICS
- BIOENGINEERING and SPINAL FUNCTION
- INTEGRATING HEALTH SERVICES IN HOSPITALS
- NERVE INJURY and NEUROBIOLOGICAL MEDICINE RELATED TO MANUAL THERAPY

### Marriott Pinnacle Hotel Vancouver, B.C., Canada

#### Friday, April 27

7:30 a.m.	Registration opens
8:30 - 11:30	Pre-conference course in diagnostic radiology for specifically registered participants
1 p.m.	<i>Research 2007: THE SPINE CARE REVOLUTION</i>
5 - 6:30	Poster presentation and reception
Evening	free

#### Saturday, April 28

8 - 9 a.m.	Continental breakfast
9 - noon	<i>Research 2007: THE SPINE CARE REVOLUTION</i>
noon	Luncheon with distinguished guest speaker
2 - 5 p.m.	<i>Research 2007: THE SPINE CARE REVOLUTION</i>

#### **DIAGNOSTIC IMAGING CONTINUING EDUCATION FOR CHIROPRACTORS**

An optional three-hour program will be conducted by James Carter, BS, DC, DACBR immediately prior to the conference April 27.

## THE PRESENTERS

### Jean-Sébastien Blouin, DC, PhD

#### **Assistant Professor, School of Human Kinetics, University of British Columbia**

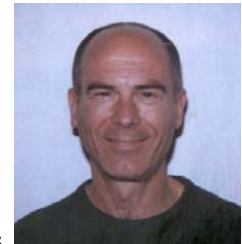


Dr. Blouin's work has been the focus of national media and recently profiled in a major feature about whiplash in The Vancouver Sun titled: *"Being startled by the crash may be worse than the impact Sudden contraction of neck muscles blamed."* He holds the CCRF UBC Professorship in Spine Biomechanics and Neurophysiology. Dr. Blouin has held a Michael Smith Foundation for Health Research and Canadian Institutes of Health Research Post-Doctoral Fellowship in Neurophysiology and Biomechanics at UBC since April, 2004, during which time he has conducted research on the mechanisms of head and neck stabilization and their effects on posture and whiplash injuries. He has published articles in leading journals such as *Journal of Physiology*, *Pain*, *Journal of Applied Physiology*, *Spine*, *Experimental Brain Research* and many others.

### Geoffrey Bove, DC, PhD

#### **Assistant Professor of Anaesthesia at Beth Israel Deaconess Medical Center and Harvard Medical School**

Dr. Bove's research focuses on mechanisms of pain due to nerve injury, and how they relate to the spine. He is a leading authority on the mechanisms of pain, particularly those associated with nerve injury and musculoskeletal disorders, and neurobiological mechanisms related to manual therapy. He also serves on the editorial board of the *Journal of Manipulative and Physiological Therapeutics (JMPT)*, and is an ad hoc reviewer for a number of other prominent research journals, including the *American Journal of Medicine*; *Cephalgia*; *Pain*; *Neuroscience*; the *Journal of Neurophysiology*; and the *European Journal of Pain*. He has contributed nearly 25 original articles, reviews, chapters and editorials to various print publications over the years.



### Mark Erwin, DC, PhD

#### **Assistant Professor, Department of Orthopaedic Surgery at the University of Toronto and Toronto Western Hospital.**



Dr. Erwin holds the CCRF CIHR Chiropractic Research Chair at the University of Toronto. His doctoral and post doctoral work have focused on regenerative medicine which has resulted in two publications concerning the biology of notochord cells and degenerative disease of the intervertebral disc. He is investigating the production of proteoglycan by nucleus pulposus chondrocytes and various aspects of cell signaling. This research is essential to enhancing our understanding of degenerative disc disease and the pathophysiology of this process. Knowledge gained from Dr. Erwin's work may enhance our approach to disorders of the degenerative disc.

## THE PRESENTERS

Jill Hayden, DC

**Scientist, Centre for Research Expertise in Improved Disability Outcomes (CREIDO) at University Health Network Rehabilitation Solutions, Toronto Western Hospital, and Scientific Associate in the Division of Health Care and Outcomes Research, Toronto Western Research Institute.**

Dr. Hayden has been the recipient of several training and achievement awards and recently received a CIHR/CCRF New Investigator Award. She holds the CCRF CIHR Chiropractic Research Chair at the Toronto Western Research Institute. Her current work at CREIDO focuses on prognosis research and the development of prognostic models for disability outcomes in low back pain. A major research project she conducted for Ontario's Institute for Work & Health in 2005 systematically reviewed 61 published randomized controlled studies that evaluated the benefits of exercise compared to other treatments or no treatment at all. The studies examined the benefits of exercise therapy for patients in the acute stage (defined as symptoms lasting up to six weeks), the subacute stage (symptoms lasting from six to 12 weeks) and those with chronic low-back pain (symptoms lasting longer than three months). Dr. Hayden's review of the research evidence found modest improvement through exercise for those suffering chronic pain, but did not find a difference between patients with acute low-back pain who underwent exercise therapy and those who did not.



Greg Kawchuk, DC, MSc, PhD

**Canada Research Chair in Spinal Function, Assistant Professor in Rehabilitation Medicine at the University of Alberta, and an Adjunct Professor in Medicine and Kinesiology at the University of Calgary.**



Dr. Kawchuk's research is focused on understanding how injury and disease influence spinal function and how spinal function can be altered through therapeutic interventions. Specifically, he is developing new imaging techniques to measure spinal stiffness and to identify previously undetected spinal injuries. His focus is on the delineation of the mechanisms initiating and sustaining spinal disorders and their treatment through the development of new techniques to quantify hard and soft tissue mechanics, and the quantification of dosage, outcomes and complications of non-invasive treatments for spinal disorders. Dr. Kawchuk is a past recipient of the President's Excellence Award from the University of Calgary. In 1999, he received the Surgical Dynamics Fellowship from the International Society for the Study of the Lumbar Spine.

## THE PRESENTERS

### Deborah Kopansky-Giles, DC, FCCS

#### **Associate Professor, Canadian Memorial Chiropractic College**

She is the principal investigator of a large, Ontario Ministry of Health-funded project integrating chiropractors on staff at St. Michael's Hospital, a teaching hospital affiliated with the University of Toronto. Her current research focus is on models of health service delivery as well as in the field of complementary therapies and AIDS. Her prior role at CMCC was the development of the External Clinics program and the creation of several off-campus CMCC teaching clinics in collaboration with host health care facilities – three of which were developed in a hospital setting. Dr. Kopansky-Giles was named the Ontario Chiropractor of the Year in 2003 and received the Distinguished Service award from CMCC in 2000.



### Joel Pickar, DC, PhD

#### **Professor, Palmer College of Chiropractic, Davenport, Iowa**



Dr. Pickar's research laboratory is currently studying neurophysiological issues related to the vertebral column. He serves on the Advisory Editorial Board for *The Spine Journal* and he is a member of the NIH Advisory Council for Complementary and Alternative Medicine. He has published over 30 articles, including a paper in the prestigious *Journal of Physiology*, and major contributions to three books. Another paper was honoured in 2005 at the World Federation of Chiropractic biennial congress in Australia. Dr. Pickar has developed a number of highly sophisticated, cutting-edge procedures for studying nerve function.

## DIAGNOSTIC IMAGING CONTINUING EDUCATION FOR CHIROPRACTORS

**Friday April 27, 2007 from 08:30-11:30.**

**James Carter, BS, DC, DACBR**

Dr. Carter holds a Diplomate from the American Chiropractic Board of Radiology and is an experienced presenter on postgraduate lecture topics including neuroradiology, special imaging, and skeletal radiology interpretation. In addition to teaching numerous chiropractic postgraduate programs, Dr. Carter, of Life Chiropractic College West, is a practicing Radiology Consultant and serves as Associate Editor for the *Journal of the Neuromusculoskeletal System*.

## **Research 2007: THE SPINE CARE REVOLUTION**

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### **REGISTRATION**

April 27-28 - Vancouver, B.C., Canada

**Marriott Pinnacle Hotel**

<http://marriott.com/property/propertypage/YVRDT>

Tel: 604 684 1128 1-800 207 4150

**On-line registration is recommended and preferred at [www.bcchiro.com](http://www.bcchiro.com), where fees can be paid using Master Card or Visa through a secure server**

Otherwise, please fill in the following form and mail with a cheque for the registration fee.

Name:	Position:	
Organization:		
Companions (if any, provide separate list for groups):		
Mailing Address:		
City/Town:	Phone:	Fax:
Email:		

### **CONFERENCE FEES**

Conference, including Friday reception, Saturday continental breakfast and luncheon	<b>\$285.00</b>
Conference/ above events - university faculty	<b>\$225.00</b>
<u>Diagnostic Imaging</u>	<b>\$125.00</b>
Diagnostic Imaging - BCCA Member	<b>\$95.00</b>
<b>Both Conference and Imaging</b>	<b>\$325.00</b>
<b>Both Conference and Imaging - Students</b>	<b>\$95.00</b>

NOTE: attendees requiring hotel accommodations should make their own arrangements. Many hotels are within easy walking distance near the Vancouver waterfront and central downtown. The host hotel information is at the top of this page.

#### **FOR MORE INFORMATION**

British Columbia Chiropractic Association

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