



## THE FEDERATION

CANADIAN FEDERATION OF CHIROPRACTIC REGULATORY AND  
EDUCATIONAL ACCREDITING BOARDS

## LA FÉDÉRATION

LA FÉDÉRATION CHIROPRACTIQUE CANADIENNE DES ORGANISMES  
DE RÉGLEMENTATION PROFESSIONNELLE ET D'AGRÈMENT DES  
PROGRAMMES D'ENSEIGNEMENT



Delta Chelsea Hotel  
Toronto

## Canadian Chiropractic Specialty Conference

### CLINICAL NEUROLOGY UPDATE

Saturday, November 12, 2011

Delta Chelsea Hotel, Toronto

#### **Conference Committee:**

Dr. John P. Crawford

Dr. Rocco Guerriero

Dr. Bill Hsu

Dr. Deborah Kopansky-Giles

Dr. Carlan Stants

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On Saturday, November 12, 2011 members of Canada's five Specialty Colleges will hold their first ever joint conference. This conference will bring together leading chiropractors from across Canada for an intense day of learning and exchange.

The programme will be of interest to chiropractors and chiropractic students at all stages of their career.

College of Chiropractic Sciences  
College of Chiropractic Orthopedists  
Chiropractic College of Radiologists  
Chiropractic College of Rehabilitation Sciences  
Royal College of Chiropractic Sports Sciences

*\* Programme and presenters subject to change*

7:30 AM	<p>Conference Registration</p> <p style="text-align: center;"><i>Morning Sessions – Neurology review</i></p>
8:30 AM	<p><b>Welcoming Remarks from Conference Chair</b></p> <ul style="list-style-type: none"> <li>• John P. Crawford BSc(Hons), MSc, DC, PhD(Path), FRCCSS(C)</li> </ul>
8:40 AM	<p><b>Five-minute neurological examination</b></p> <p>Screening procedure for neurological signs including central and peripheral nervous system. This screening exam can be useful to find simple patterns that can help identify one of the compromised "nine levels" of the nervous system.</p> <ul style="list-style-type: none"> <li>• Joe Lemire BSc, DC, FCCS(C), MSc</li> </ul>
9:10 AM	<p><b>Complex Regional Pain Syndrome and Neuropathic Pain – Pathophysiology, Diagnostic and Management Update</b></p> <ul style="list-style-type: none"> <li>• John P. Crawford BSc(Hons), MSc, DC, PhD(Path), FRCCSS(C)</li> </ul>
9:40 AM	<p><b>Radiculopathy versus Myelopathy versus Peripheral Neuropathy</b></p> <p>Examination procedures and cases to facilitate the distinction</p> <ul style="list-style-type: none"> <li>• Rocco Guerriero BSc, DC, FRCCSS(C), FCCRS(C), FCCO(C)</li> </ul>
10:30 AM	<p>Break</p>
10:45 AM	<p><b>Soft tissues management and exercise rehabilitation of peripheral neuropathy</b></p> <p>This session will look at more common peripheral neuropathies encountered by chiropractors and their role in the conservative management of such conditions.</p> <ul style="list-style-type: none"> <li>• Carlan Stants BSc(Hon), DC, FCCRS(C)</li> </ul>
11:15 AM	<p><b>Canadian Chiropractic Specialty Grand Rounds</b></p> <p>A series of challenging cases will be presented to a panel of five chiropractic specialists. The cases will provide an opportunity to integrate the information presented in the morning sessions.</p> <p>Moderator</p> <ul style="list-style-type: none"> <li>• Tony Tibbles BSc(Hon), DC, FCCS(C)</li> </ul> <p>Panellists</p> <ul style="list-style-type: none"> <li>• John P. Crawford BSc(Hons), MSc, DC, PhD(Path), FRCCSS(C)</li> <li>• Deborah Kopansky-Giles BPHE, DC, FCCS(C), MSc</li> <li>• William Hsu BSc, DC, DACBR, FCCR(C)</li> <li>• Rocco Guerriero BSc, DC, FRCCSS(C), FCCRS(C), FCCO(C)</li> <li>• Mohsen Kazemi RN, DC, FRCCSS(C), DACRB, FCCRS(C), MSc</li> </ul>

12:30 PM	Luncheon in Trade Show area
	<b><i>Afternoon Sessions – Advanced diagnostic testing</i></b>
1:30 PM	<p><b>Comparing Needle EMG with Surface EMG</b>  Comparing surface electromyography (EMG) with indwelling or needle EMG. This presentation will explain the foundation of the electromyographic signal and how to extract meaningful clinical information.</p> <ul style="list-style-type: none"> <li>• David Bereznick BSc, MSc, DC, PhD</li> </ul>
2:45 PM	Break
3:15 PM	<p><b>Introduction to Musculoskeletal Sonography</b>  Clinical indications for and application of, Musculoskeletal ultrasound.</p> <ul style="list-style-type: none"> <li>• Marc Drolet DC</li> <li>• Victoria Hughes BSc, RDMS, RTNM</li> </ul>
4:30 PM	<p><b>Interdisciplinary Management of Chronic Pain</b>  Brief overview of chronic pain: definitions, proposed mechanisms, model of clinical practice based on identifying pain mechanisms and applying appropriate treatment mechanisms, identifying comorbidities and dealing with them, and identifying function problems and guiding rehabilitation. Discussion of the epidemiological evidence showing why it is important to consider comorbidities as well as some of the straightforward techniques that chiropractors and others can use to address comorbidities and illness behavior. Presentation of new research on chronic whiplash patients.</p> <ul style="list-style-type: none"> <li>• Eldon Tunks MD, FRCP(C)</li> <li>• Howard Vernon DC, PhD, FCCS(C), FCCRS(C)</li> </ul>
5:15 PM	Adjournment
5:30 PM	Buffet Supper in Trade Show area

### **Annual General Meetings**

*Saturday, November 12*

- 7:00 AM Chiropractic College of Rehabilitation Sciences (Canada) – Carlyle Room
- 5:30 PM College of Chiropractic Orthopedists (Canada) – Carlyle Room
- 6:30 PM College of Chiropractic Sciences – Scott Room
- 6:30 PM Royal College of Chiropractic Sports Sciences (Canada) – Wren Room

## Conference Faculty



### **David Bereznick BSc (Hons), MSc, DC, PhD**

A graduate of the University of Waterloo, Dr. Bereznick holds Honours Bachelor of Science (Kinesiology), Master of Science (Work Physiology) and Doctoral degrees (Biomechanics), from that institution. As Associate Professor at CMCC, he has taught clinical biomechanics, including the biomechanics of injury and spine manipulation for 13 years. Dr. Bereznick has published in Spine, JMPT and Clinical Biomechanics. He has conducted independent physical assessments for over 15 years and has been engaged in private practice since 1993. Dr. Bereznick has been appointed to the Core Competency Project through the College of Chiropractors of Ontario.



### **John P. Crawford BSc(Hons), MSc, DC, PhD(Path), FRCCSS(C)**

Dr. Crawford graduated from CMCC in 1986 and subsequently attained Fellowship status from the Royal College of Chiropractic Sports Sciences (Canada) in 1990. Over the past 38 years, he has been an educator in the fields of Microbiology, Anatomy, Physiology, Pathology Neurology and Clinical Diagnosis, lecturing to nurses, chiropractors, naturopaths, massage therapists, dental, medical and paramedic students. He holds the rank of Associate Professor at CMCC. As an Independent Physical Examiner, he has served on the roster of the Financial Services Commission of Ontario, while performing DAC assessments. As a fully certified Functional Capacities Evaluator and certified by CMCC as an Independent Chiropractic Examiner, Dr. Crawford also holds certification through the American Board of Forensic Professionals in the AMA Guides to the Evaluation of Permanent Impairment (4<sup>th</sup> Edition). He serves on the Board of the Canadian Society of Chiropractic Evaluators. Dr. Crawford continues performing independent physical assessments and currently engages in part-time clinical practice and research. His current research interests include: “Examination of the Efficacy, Consistency and Reliability of Manual Lymphatic Drainage” and “Analyzing the Perceptions of Family Members Regarding Care Quality Administered at a Community-Based Hospice Facility”.



### **Marc Drolet DC**

Dr. Drolet graduated from Palmer College of Chiropractic in 1988. He served as Assistant Professor in the Chiropractic Department at UQTR from 1993 to 2003. Dr. Drolet has co-authored publications in JMPT and Chiropractic & Manual Therapies. He previously studied musculoskeletal sonography at the Gulf Coast Ultrasound Institute. Dr. Drolet is currently active in a multidisciplinary clinic which offers chiropractic care, acupuncture, physical therapy, kinesiology and massage therapy.



**Rocco Guerriero BSc, DC, FRCCSS(C), FCCRS(C), FCCO(C)**

Dr. Guerriero graduated from CMCC in 1988. He is currently an associate professor at CMCC and is President of North York Rehabilitation Centre and CVS. Dr. Guerriero is the Past-President of the Canadian Society of Chiropractic Evaluators (CSCE) and is currently President of the College of Chiropractic Orthopedic's (Canada), and President of the Association of Independent Assessment Centres. In addition, he serves as coordinator of the Independent Chiropractic Evaluations (ICE) Post Graduate program, co-sponsored by CMCC and the CSCE. Dr. Guerriero has successfully completed the 6 semester courses entitled "Medecine d'assurance et d'expertise", University of Montreal. Dr. Guerriero served as a member of the Whistler Medical Team for the VANOC 2010 Winter Olympic Games.



**William Hsu BSc, DC, DACBR, FCCR(C)**

Dr. Hsu is a 1992 graduate of CMCC. Subsequent to completion of the Radiology Residency in 1995, he has been an invited guest speaker at numerous CCR (C) workshops. Dr. Hsu served as President of the CCR (C) from 2003-2006. He is currently Faculty Radiologist and Associate Clinical Professor, CMCC, Adjunct Faculty (Assistant Professor), D'Youville College, Buffalo, New York, and past radiology instructor, Nichibei Chiropractic College, Osaka, Japan. Dr. Hsu has authored and co-authored numerous publications in JCCA, JMPT, JACA, and JNMS and a chapter in the textbook, "The Principles and Practice of Chiropractic", by Dr. Scott Haldeman.



**Victoria Hughes BSc, RDMS, RTNM**

Ms. Hughes completed the Nuclear Medicine Technology Program at the Michener Institute in 1986 and has been a Registered Diagnostic Medical Sonographer (ARDMS) since 1987. In clinical and supervisory positions, she specialized in High Risk Obstetrical and Vascular Ultrasound (1987 – 2000) and was a Clinical Instructor in Ultrasound (affiliated with Mohawk-McMaster) from 1997 to 2000. She has co-authored a research publication in JACC, 2000.



**Mohsen Kazemi RN, DC, FRCCSS(C), DACRB, FCCRS(C), MSc**

Dr. Kazemi graduated from CMCC in 1996 and is an Associate Professor, Clinical Education and acts as interim coordinator for the Sports Sciences Residency program. He has published in peer-reviewed journals and presented research in Taekwondo and chiropractic world-wide. He has authored the first complete book on vibration plate exercise programs, ("Vibration Plate Exercise"). He is the inventor of the VMTX Vibromax Therapeutics soft tissue technique and the Kazemizer, a portable exercise device that assists in the prevention of lactic-acid build-up. He has been the appointed Alternate Chiropractor for Core Canadian Health Care Team for the Salt Lake City 2002 Winter Olympics, Manchester 2002 Commonwealth Games, Rio 2007 Pan American Games and Beijing 2008 Olympic Games; served as the Core Canadian Medical Team Chiropractor at Santa Domingo 2003 Pan American Games and Canadian Taekwondo team Chiropractor at Beijing 2008 Olympics. He was appointed Chiropractor to Mount Cypress at 2010 Winter Olympic Games and was the only Canadian Chiropractor at the first Youth Olympic Games, Singapore, 2010



**Deborah Kopansky-Giles BPHE, DC, FCCS(C), MSc**

Dr. Kopansky-Giles, is a chiropractor/clinician scientist on staff in the Department of Family and Community Medicine, St. Michael's Hospital, Toronto, Canada. She is also professor at CMCC, Department of Graduate Education and Research. Dr. Kopansky-Giles divides her time between developing and managing education and research initiatives at St. Michael's, while conducting research regarding models of care delivery and inter-professional education. In addition, she serves as consultant and lectures internationally with respect to the development of integrated models of care and health professional education. As well, she volunteers in professional offices and is engaged in private practice. Dr. Kopansky-Giles currently represents the chiropractic profession on the UN Bone and Joint Decades International Coordinating Council and represents Canada on the Council of the World Federation of Chiropractic. Dr. Kopansky-Giles serves on the editorial review board for three peer reviewed journals.



**Joe Lemire BSc, MSc, DC, FCCS(C)**

Dr. Lemire received a Bachelor of Science degree (Kinesiology), Simon Fraser University, 1987. He is a 1991 CMCC graduate, attained Fellowship status from the College of Chiropractic Science (Canada) (1994), and a Master of Science degree (Orthopedic Surgery), University of Saskatchewan (1999). He was in private practice from 1991 to 2008. His previous work experience includes Clinic Manager and Rehabilitation Coordinator, Quality Assurance Auditor for the Saskatchewan WCB, Chairperson for Saskatchewan WCB Multi-disciplinary Assessments and Independent Medical Evaluator. He has recently been appointed Professor Clinician and Clinic Director at UQTR.



**Carlan Stants BSc(Hon), DC, FCCRS(C)**

Dr. Stants is a 1988 graduate of CMCC and in 1996 become a Fellow of the Chiropractic College of Rehabilitation Sciences (Canada). He currently serves both as President of the CCRS (C) and Chair of its Education Committee. For 14 years, Dr. Stants taught Orthopaedic Assessment and Diagnosis at the CMCC and continues to lecture regularly through CMCC's Continuing Education Department. He has been extensively involved in auto insurance reform in Ontario since 1994 and has served on numerous government and inter-professional committees. Dr. Stants and his family have recently relocated to his home town of Ottawa where he maintains a clinical and consulting practice.



**Anthony Tibbles BSc(Hon), DC, FCCS(C)**

Dr. Tibbles graduated from CMCC in 1990 and completed his Residency in Clinical Science (Canada) in 1992. He has held Fellowship status with the College of Chiropractic Sciences (Canada) since 1993. Currently, Dr. Tibbles serves as Associate Dean, Clinics at CMCC and has been a Graduate Student Rounds leader for over 15 years. Dr. Tibbles has moderated panel discussions at national and international conferences.



**Eldon Tunks MD, FRCP(C)**

Dr. Tunks is Emeritus Professor of Psychiatry, McMaster University, Hamilton, and is President of the Canadian Academy of Pain Management. He is Vice-Chair of the OMA Section of Pain Physicians, and has a part-time clinical teaching appointment as Adjunct Professor at CMCC. Dr. Tunks is recipient of the Lifetime Achievement Award of the Canadian Pain Society (2006), and is practicing pain management at the Regional Rehabilitation Center of the Hamilton General Hospital.



**Howard Vernon DC, PhD, FCCS(C), FCCRS(C)**

Dr. Vernon graduated from CMCC in 1977. He completed his Fellowship in Clinical Science (Canada) in 1980 and received a Doctoral degree from the University of Glamorgan, Wales, UK, in 2003. He is currently Full Professor at CMCC where he has worked since 1977.

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### REGISTRATION & HOTEL INFORMATION

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#### Refunds and Cancellations

Refunds for the conference will be processed up to one month prior to October 12, 2011, minus a \$25 administrative fee. After October 12, no refunds will be provided.

#### Conference Hotel

The **Delta Chelsea** is the official Conference hotel and is located in the heart of downtown Toronto at 33 Gerrard Street West, between Yonge Street and Bay Street. It is one block south of the College Subway Station. The hotel features two indoor pools, a fitness facility and Bb33 bistro bar.

Room rates are **\$109 per night**, plus applicable taxes, for single or double occupancy. Please note that a charge of \$20.00/night is applicable for each additional adult over double occupancy, up to a maximum of four adults per room. There is no charge for children up to and including the age of 18 who share with their parents. To make your reservations call the hotel at **1-800-243-5732**. Please identify yourself with the **CFCREAB 2011 Specialty Conference** to get the group rate.

Complimentary high speed internet is included in the room rate. Self-parking is available in the hotel and in parking lots adjacent to the hotel.

Book your accommodation by **5:00 pm EST, October 28, 2011**, to ensure the CFCREAB rate and availability.

#### Continuing Education Credits

Continuing education credits have been applied for from all regulatory boards in Canada. This conference also qualifies for Fellowship status renewal.



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## REGISTRATION FORM

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**Complete one form for each person attending the Conference. Please copy this form for additional registrations. Print or type, and mail to the CFCREAB office by November 1, 2011.**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

City/Town: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ E-mail: \_\_\_\_\_

If you are a Fellow of one or more Specialty Colleges:	Please indicate
College of Chiropractic Sciences	_____
College of Chiropractic Orthopedists	_____
Chiropractic College of Radiologists	_____
Chiropractic College of Rehabilitation Sciences	_____
Royal College of Chiropractic Sports Sciences	_____

		Please indicate
<b>Regular Registration</b>	<b>\$300.00</b>	_____
<b>Student Registration</b>	<b>\$150.00</b>	_____
	<b>TOTAL DUE</b>	<b>\$ _____</b>

**Please make cheque payable to the CFCREAB  
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