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THE CCA MISSION STATEMENT

The Mission of The Canadian Chiropractic Association is to help Canadians live healthier lives by:

- 1. informing the public of the benefits of Chiropractic,**
- 2. promoting the integration of Chiropractic into the health care system,**
- 3. facilitating chiropractic research.**

THE CCA RESEARCH COMMITTEE MEMBERS

Dr. Frank Mangoni (NB) - Chair

Dr. Vince Adams (PEI)

Dr. Debbie Brake-Patten (NF)

Dr. John Corrigan (SK)

Dr. Richard Giguère ((PQ))

Dr. Richard Gehrke (AB) – Executive Committee liaison

Chair's Message – Research a priority



Dr. Frank Mangoni DC
New Brunswick
Chair, CCA Research Committee

Dear Colleagues:

As you review the current Canadian Chiropractic Research Bulletin you cannot help but be proud of the many achievements of our researchers over the last several months. These individuals are conducting chiropractic research at some of the most prestigious learning institutions across the country. Their work is current and collaborative, answering some of the most important questions in health-care today. It is clear that these efforts are being recognized and rewarded.

Also you will note that a new membership benefit is being introduced by the CCA. CCA members will now have access to the Cochrane Library database via the CCA website.

As always, chiropractic research remains a high priority with the CCA. It is an integral part of its Mission, Vision and Goals; one of its core committees and an essential pillar in its six pillar program. There is little doubt that the CCA will continue to invest in chiropractic research. The future

looks bright and we hope to be celebrating many more remarkable achievements for years to come.



Dr. Jason Busse DC, PhD(c)
McMaster University
Institute for Work & Health

Canada's Newest CCRF/CIHR Chiropractic Research Chair McMaster University and Institute for Work & Health

Dr. Jason Busse DC, PhD(c) has been awarded the very prestigious CCRF/CIHR Chiropractic Research Chair. This is a 5 year award partnered between the Canadian Institutes of Health Research (CIHR) and the Canadian Chiropractic Research Foundation (CCRF) under the CIHR SHOPP Program (\$550,000). He recently became a Scientist at the Institute for Work and Health in Toronto.

Dr. Busse is in the Health Research Methodology program in the Department of Clinical Epidemiology &

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Biostatistics at McMaster University. He already has 55 peer reviewed publications in the scientific literature.

He is a co-investigator in 3 projects and the PI in 1 project:

1. *A Prospective Multicentre Randomized Controlled Trial: 2007-2011 Trial to Evaluate Therapeutic Ultrasound in the Treatment of Tibial Fractures (TRUST)*. Principal Investigator: GH Guyatt Co-investigators: JW Busse, M Bhandari, EH Schemitsch, D Sanders. Agency: Canadian Institutes of Health Research (CIHR) & Smith and Nephew Funds: \$2,025,469 (CIHR: \$449,102; Smith & Nephew: \$1,576,367).
2. *Complementary and Alternative Medicine in Back Pain Utilization: 2008-2009 A Systematic Review*. Principal Investigator: P Raina. Co-investigators: PL Santaguida, A Gross, J Gagnier, M Bhandari, JW Busse. Agency: Agency for Health Research and Quality and partnered with the National Center for Complementary and Alternative Medicine (NCCAM/NIH) Funds: \$198,000.
3. *Evaluating the need for and potential design of a no-fault 2008-2009 compensation program for immunization related injuries*. Principal Investigators: K Wilson, JE Keelan. Co-investigators: A Attaran, JW Busse, MD Krahn, AJ McGreer, RE Upshur. Agency: Canadian Institutes of Health Research (CIHR) Funds: \$145,274.
4. *Exploring Predictors of Prolonged Recovery Following Acceptance 2008 for Disability Benefits: A Systematic Review*. Principal Investigators: JW Busse, GH Guyatt. Agency: Great West Life Assurance Company Funds: \$30,000.

Canada's Newest CCRF Professorship in Spine Mechanics and Neurophysiology



Dr. John Z. Srbely DC, PhD
University of Guelph

University of Guelph

The CCRF is delighted to announce that our newest university-based CCRF Professorship has just been established at the University of Guelph in Ontario.

Dr. John Z. Srbely DC, PhD has been awarded the prestigious "CCRF Professorship in Neurophysiology and Spine Mechanics" and took up the

new position as of September 1, 2008.

This Professorship position is funded by the Ontario Chiropractic Association, the University of Guelph and the Canadian Chiropractic Research Foundation. The CCRF Professorship will be housed in the College of Biological Sciences. The entire OCA Board and the University of Guelph are to be commended for their generous support of this initiative.

Dr. Srbely's research interests focus on the neurophysiology

of myofascial pain, more specifically the neurophysiologic mechanisms of central sensitization and the impact of these mechanisms on the clinical presentation and pathophysiology of musculoskeletal pain. This research will substantiate the important role of chiropractic manipulation and manual therapy in the treatment of chronic and myofascial pain. Dr. Srbely is actively collaborating with world renowned physicist Dr. John Bush at the Massachusetts Institute of Technology (MIT) in the investigation of the biophysical aspects of myofascial and chronic pain.

This new Professorship provides access to the modern laboratory facilities in neurophysiology (Dr. Leah Bent) and spine biomechanics (Dr. Jim Dickey) at the University of Guelph. These two labs combined have over one-million dollars in state-of-the-art equipment, including a unique robotic platform used by Dr. Jim Dickey in the joint and spine biomechanics lab. Dr. Dickey is an expert in biomechanics/biophysics and signal processing and Dr. Leah Bent is one of few researchers in Canada with an expertise in microneurography.

In 2005, Dr. Srbely received the CCA Young Investigator Award and in 2006 he received the Graduate Scholarship Award in the Department of Human Health and Nutritional Science at the University of Guelph. Dr. Srbely defended his PhD thesis in August 2008 and already has 4 papers published in the scientific literature.

The University of Guelph with over 18,000 full time students, has a total institutional annual revenue of \$567 million and a stellar track record in the transformation of discovery into value.

Canada's Next CCRF University Professorship in Spine Biomechanics and Neurophysiology

University of Manitoba

The next CCRF Professorship in Spine Biomechanics and Neurophysiology which is at the University of Manitoba in Winnipeg is currently being advertised. It starts with an investment of \$500,000 and is funded by the CCRF, the Manitoba Chiropractors' Association, the University of Manitoba and Manitoba Health. The 240 chiropractors in Manitoba committed \$330,000 over 5 years. The Manitoba government put up \$170,000. The CCRF acknowledges the tremendous assistance of the entire MCA Board and in particular, Dr. Greg Stewart, Dr. Rob Palaschuk, Ms Pam Wylie, Dr. Martin Gurvey, Dr. Sony Canteenwala, Dr. Darell Minuk, Dr. Ernie Miron, and Dr. John Toth.

The position is expected to be filled by January 2009.

Recent Research Awards



Dr. Mark Erwin DC, PhD
CCRF Scientist in Disc Biology
University of Toronto

Dr. Mark Erwin DC, PhD has won a very significant and very prestigious competitive grant (\$30,000) - the AO Spine Young Investigator Research Award (Association for the Study of Osteosynthesis). He placed 1st in the competition ahead of the dozens of other seasoned applicants from across North America all specifically interested in spine and spinal cord injury.

Dr. Erwin holds the “CCRF Scientist in Disc Biology” position at the University of Toronto. The position is funded by the CCRF, OCA and the UHN (\$300,000). He is an Assistant Professor in the Division of Orthopaedic Surgery and appointed to the Spine Programme at Toronto Western Hospital.

Dr. Erwin is also funded with an operating grant of \$210,000 from Synthes Inc., a \$4 billion global enterprise which develops biomaterials for the regeneration of the skeleton and its soft tissues. This organization is a world leader in the field of biomaterials in non-fusion technologies by developing nucleus and total intervertebral disc replacements. In addition, Dr. Erwin is also funded with a \$55,000 grant from the Skoll Foundation.



Dr. Greg Kawchuk DC, PhD
Canada Research Chair
University of Alberta

Dr. Greg Kawchuk DC, PhD has won a major NIH operating grant.

Dr. Kawchuk is a “Canada Research Chair in Spinal Function” and an Assistant Professor in the Faculty of Rehabilitation Medicine at the University of Alberta. Now he will be the recipient of over 1/4 million dollars in NIH funding from the Biology of Manual Therapies Program of the National Center for Complementary

and Alternative Medicine (NCCAM). The project is entitled “Internal Tissues Affected by Spinal Manipulation”. As the principle investigator on the project, Dr. Kawchuk will use robotic technologies developed in his lab to determine which internal tissues are preferentially loaded by manipulation. Once identified, his co-investigators at the University of Calgary (Drs. Duncan and Matyas) will determine if manipulation alters the genetic expression of these tissues. This is exemplary research with an exceptional team of investigators.

This marks the third NIH grant involving Dr. Kawchuk. In

addition to acting as the principle investigator on this current grant, Dr. Kawchuk is a co-investigator on NIH supported projects with Dr. Joel Pickar at the Palmer College of Chiropractic and with Dr. Julie Fritz from the University of Utah.



Dr. Jean-Sébastien Blouin
DC, PhD
CCRF Professorship in Spine
Biomechanics and Human
Neurophysiology
CIHR/CCRF Chiropractic
Research Chair
MSFHR Scholar
University of British Columbia

Dr. Jean-Sébastien Blouin is the recipient of two significant awards. He was awarded the very prestigious Michael Smith Foundation for Health Research Scholar Award and Establishment Grant (\$555,000). The MSFHR Scholar Award provides a personnel award of \$80,000 per year for 6 years as well as an Establishment Grant of \$75,000 over two years. This represents a total of \$555,000 in support of his pivotal research. **Funded by the Government of British Columbia**, the Michael Smith Foundation for Health Research is the provincial support agency for health research in BC.

In addition, Dr. Blouin has been awarded a 2008 NSERC Discovery Grant in the amount of \$25,750 for 5 years (\$128,750). NSERC has invested more than \$6 billion in basic research, university-industry projects, and the training of Canada’s next generation of scientists and engineers.

Dr. Blouin currently holds the “CCRF Professorship in Spine Biomechanics and Human Neurophysiology (\$500,000)” and also the “CCRF/CIHR Chiropractic Research Chair (\$550,000)”, both at the University of British Columbia.



Dr. Jill Hayden DC, PhD
CCRF/CIHR Chiropractic
Research Chair

Dr. Jill Hayden DC, PhD has won a very significant competitive operating grant of \$48,000 from the Cochrane Collaboration. The Cochrane Opportunities Fund accepted her submission entitled “Approaches to Estimate and Present Baseline Risks: Recommendations for Cochrane Review Summary of Findings Tables”.

Dr. Hayden holds the CCRF/CIHR Chiropractic Research Chair (CIHR SHOPP Program) funded by CIHR and the CCRF, a 5 year partnered award of up to \$525,000. As a “clinical epidemiologist” Dr. Hayden specializes in prognosis and systematic review methods, specifically in the area of musculoskeletal disorders.

Recently, Dr. Hayden served on two very important peer review committees:

1. the CIHR Allied Health Professionals Peer Review Committee for New Investigators, and

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2. the Nova Scotia Health Research Foundation Knowledge Transfer/Exchange Peer Review Committee.

Dr. Hayden is also collaborating on the following projects:

MacDermid JC, Beaton DE, Baptiste SE, Buckley DN, Hayden JA, Hogg-Johnson S, Law MC, McLean L, Shaw L, Williams RM. TEAM WORK: Targeted Evaluation and Management of Work, Orthopedics, Rehabilitation & Knowledge-translation. CIHR Team Planning & Dev. Grants-Developing New Res. Teams to Enhance Quality of Life Competition. (\$99,955)

Boyle E, Steenstra IA, Hayden JA, Cassidy JD, Wells R and Wyeld S. "What Workplace Characteristics Have an Impact on an Injured Worker's Return to Work? A Qualitative Study". Workplace Safety and Insurance Board (WSIB) Bridging the Gap. (\$29,966.00)

Most recently, Dr. Hayden can be found in the Department of Community Health & Epidemiology, Faculty of Medicine at Dalhousie University, Halifax (jhayden@dal.ca).



Dr. Carlo Ammendolia DC, PhD
University of Toronto

Dr. Carlo Ammendolia DC, PhD has been awarded a very significant \$60,000 research grant from the Workplace Safety and Insurance Board (WSIB). www.wsib.on.ca

The research project is entitled:

"Involving stakeholders in the planning of a workplace intervention to improve return-to-work: putting what we know into action using an intervention mapping approach."

A recent systematic review on interventions aimed at improving return-to-work (RTW) suggests that workers with low-back pain should remain active and return to normal activities. It concluded that workplace interventions that use participatory ergonomics that include the worker, employer and health-care professional as part of a stakeholder decision-making team and those using RTW coordinators can improve RTW outcomes.

One method that may hold promise in effectively designing and defining a workplace intervention is intervention mapping (IM). IM is a systematic method for planning complex interventions or programs where consensus decisions are made by members of an IM planning team using the best scientific evidence and theories about the management of low-back pain, as well as the experiences of IM team members and other important stakeholders. Qualitative methods using focus groups will be used to obtain stakeholder feedback. The goal is to explicitly outline a comprehensive workplace intervention tailored to the Ontario setting that can be successfully implemented and tested in a future randomized controlled trial.

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Cochrane Center and Network

All CCA members now have access to the Cochrane Library databases via the CCA website on the member's side.

www.ccnc.cochrane.org or www.thecochranelibrary.com

In addition, three chiropractic organizations provide financial support to the Canadian Cochrane Center at the University of Ottawa:

1. Canadian Chiropractic Association
2. Canadian Chiropractic Protective Association
3. Canadian Chiropractic Examining Board

Chiropractic Researcher Profiles



Dr. Andr  Bussi res DC, PhD(s)
University of Ottawa

Dr. Andr  Bussi res DC, PhD(s)

Dr. Bussi res is a Professor in the D partement chiropratique at Universit  du Qu bec   Trois-Rivi res. His research interests include Clinical Practice Guidelines development and knowledge transfer, more specifically comparing barriers and facilitators to guideline adherence across the health disciplines. Dr. Bussi res has been accepted into a PhD program and will

undertake his PhD training in the Population Health program at the University of Ottawa under Dr Jeremy Grimshaw MBChB, PhD, FRCGP.

Dr Grimshaw holds a Tier 1 Canadian Research Chair in Health Knowledge Transfer and Uptake and is a Full Professor in the Department of Medicine, University of Ottawa. He is the Co-ordinating Editor of the Cochrane Effective Practice and Organisation of Care group, and has considerable experience in the design, conduct and analysis of rigorous evaluations of dissemination and implementation strategies. Dr. Grimshaw is also the Director of the Canadian Cochrane Center.

Dr. Bussi res research project will involve finding effective ways of bringing some of the recent Neck Pain Task Force (NPTF) findings to practitioners and professional organisations. This will first require gaining a clear understanding of potential barriers to adopting the proposed recommendations of the NPTF using a multilevel qualitative study. The second part of his study will involve applying psychological theories to evidence-based clinical practice in order to identify factors predictive of clinician and professional leaders' behaviour. These initial efforts will lead to development of a theory-based intervention to promote knowledge uptake for patients with neck pain disorders. A randomised controlled trial with pre- and post-intervention data collection

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by postal questionnaire is planned before conducting a large scale RCT.

Several groups have conducted implementation research, but few specialize in this area. Dr. Bussi eres will be developing the necessary skills under the direction of a world class researcher and mentor over the next 5 years and that will bring a tremendous advantage to the profession. We can look forward to significant contributions from Dr. Bussi eres.



Dr. Marc-Andr e Blanchette
DC, PhD(s)
Universit e de Montr al

Congratulations go to Dr. Blanchette for his recent acceptance into his PhD program. Dr. Blanchette completed his MSc at UQTR this past summer and focused on the treatment of tennis elbow. Dr. Martin Normand DC, PhD was his supervisor and the Fondation de recherche chiropratique du Qu ebec partially funded his work. He has two papers to submit about the treatment of tennis elbow by augmented soft tissue mobilization.

Dr. Blanchette started his PhD program in Public Health (option  pidemiologie) at Universit e de Montr al in September. His research interests focus on cost effective treatment of low back pain and his supervisor is Dr. Mich le Rivard a biostatistician with research interests at CSST.



Dr. Geoff Gelley DC, MSc(c)
University of Manitoba

Dr. Gelley is enrolled in the MSc program in Medical Rehabilitation at the University of Manitoba. His supervisor is Dr. Brian MacNeil PhD. He just recently received REB approval for his study entitled "Characterization of chiropractor hand movements during spinal manipulation". His research interests are quantifying spinal manipulation with accelerometry as well as the neurophysiology of SMT.



Dr. Kim Lalanne, DC, MSc(c)
Universit e du Qu ebec   Trois-Rivi eres

Dr. Kim Lalanne is a second year master's student in kinesiology at the Universit e du Qu ebec   Trois-Rivi eres funded by the Fondation de recherche chiropratique du Qu ebec. She is presently working on final aspects of her thesis entitled "*Modulation Of The Flexion-Relaxation Response By Spinal Manipulative Therapy: A Control Group Study*". Her work received three mentions of excellence. Supervised by Dr. Martin Descarreaux, Dr. Lalanne's study was

part of the many projects of the Chair of chiropractic research. A paper was recently submitted to the JMPT. During the past years, Dr. Lalanne has also worked with chiropractic students on learning spinal manipulation. In fact, a paper on this subject was published in the Spine Journal (Descarreaux M, Dugas C, Lalanne K, Vincelette M, Normand MC. Learning spinal manipulation: the importance of augmented feedback relating to various kinetic parameters. The Spine Journal 2006 Mar-Apr; 6(2):138-45.). Moreover, during the last two years, Dr. Lalanne taught chiropractic technique to first year students at UQTR.

This fall at Universit e de Montr al, Dr. Pich e will be defending his thesis "Neurophysiological basis of pain and pain modulation in healthy volunteers and in patients with chronic pain". During the past 4 years he has been studying pain using fMRI, psychophysical and psychophysiological methods. His interests focused on understanding the brain mechanisms associated with motor and autonomic responses to pain, the brain mechanisms underlying pain modulation by counter-irritation, and more importantly, the dysfunction of those mechanisms in chronic pain patients.



Dr. Mathieu Pich e DC, PhD(c)
Universit e de Montr al

He is also working on functional imaging to assess spinal cord function during pain and pain modulation. Dr. Pich e is a co-researcher with Dr. Pierre Rainville from Universit e de Montr al who holds CIHR funds to study the mechanisms of pain and pain modulation by emotions, placebo and hypnosis in healthy volunteers and in chronic pain patients.

In June 2007 Dr. Pich e became an Assistant Professor at UQTR and a co-researcher for the FRCQ/Syst eme Platinum Chiropractic Chair held by Dr. Martin Descarreaux. Here, he has lab space for both human and animal projects. He has already undertaken some human projects on the impact of spinal manipulation and spinal pain on autonomic reflexes and a collaboration with Dr. Descarreaux on spinal pain and motor control. In addition, he is planning some animal experiments to study the neurovascular coupling of the spinal cord in the rat, relevant to his work on functional imaging of the spinal cord in humans.

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Dr. Steven Passmore DC,
PhD(c)
McMaster University

Dr. Steven Passmore DC is a PhD candidate under the supervision of Dr. Timothy Lee in the Department of Kinesiology at McMaster University in Hamilton, Ontario. Currently he serves as an investigator on a United States; Department of Veterans Affairs funded Merit Review study which is a randomized controlled trial examining spinal manipulation and low back pain in an aging population under principal investigator Dr. Paul Dougherty. Dr. Passmore refined and implemented a performance-based outcome measure that he specifically designed for this study. Also, he is currently starting collection of the thesis experiments examining changes in afferent feedback and motor control, prepping a manuscript on military related comorbidity and response to conservative management. It is noteworthy that Dr. Passmore's spouse holds a PhD in Kinesiology specializing in the motor control of children with Autism. She is currently finishing her first academic year in the PT program at the University of Toronto.



Dr. Diana De Carvalho DC,
PhD(s)
University of Waterloo

Dr. Diana De Carvalho has won the CIHR Doctoral Research Award for her study,

“Effectiveness of a lumbar support in maintaining the lumbar lordosis in sitting: A radiographic comparison of initial and long-term effects on lumbar spine and pelvic posture during simulated prolonged driving”.

The award of \$66,000 will fund her PhD studies at the University of Waterloo. She is studying under the supervision of Dr. Jack P. Callaghan who currently holds the Canada Research Chair in Spine Biomechanics and Injury Prevention and is a Project leader in the AUTO21 Network of Centres of Excellence. Dr. Callaghan's research program focuses on establishing the relationship between cumulative loading and the resulting injuries to the lumbar spine. Dr. De Carvalho's research goal is to examine low back pain injury mechanisms associated with sitting and the spine biomechanics in response to prolonged driving. Specifically, she is interested in gender differences in spine posture and passive tissue response to prolonged automobile sitting conditions.

Accolades



Dr. Pierre Côté DC, PhD
University of Toronto

Congratulations Dr. Pierre Côté!

Congratulations go to Dr. Pierre Côté DC, PhD on his promotion to the rank of Associate Professor. Dr. Côté is a faculty member in the Department of Public Health Sciences in the Faculty of Medicine, at the University of Toronto. This is a remarkable academic achievement from a chiropractic researcher who has always strived for excellence in chiropractic research.



Dr. Gabrielle van der Velde
DC, PhD
University of Toronto

Congratulations Dr. Gabrielle van der Velde!

Dr. Gabrielle van der Velde recently joined the ranks of academia and successfully defended her PhD thesis at the University of Toronto, in the Department of Health Policy, Management and Evaluation (Faculty of Medicine).

Dr. van der Velde is a Clinical Epidemiologist. Her research interests include cost-effectiveness analysis, decision analysis, economic and decision-analytic modeling, economic measures of health-related quality of life, and systematic review methods. She is also a member of the Scientific Secretariat of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and its Associated Disorders, whose results of best-evidence synthesis on neck pain as well as several primary studies were published in Spine in February 2008.

As well, she holds two CIHR Awards, a 3-year CIHR Fellowship in the amount of \$165,000 and the Bisby Fellowship in the amount of \$15,000.

Most recently, Dr. van der Velde can be found at the Toronto Health Economics and Technology Assessment (THETA) Collaborative at the University of Toronto, providing decision support to government by designing, implementing and analyzing HTA studies for the Medical Advisory Secretariat (MAS) of the Ontario Ministry of Health and Long-Term Care (MOHLTC).

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Accolades (con't)



Dr. Mark Erwin DC, PhD
University of Toronto

Congratulations Dr. Mark Erwin!

Dr. Erwin and his research will be featured in the CIHR Annual Report to Parliament. As you know, Dr. Erwin holds the “CCRF Scientist in Disc Biology” position at the University of Toronto. He is an Assistant Professor in the Department of Surgery and is funded by CCRF, the Ontario Chiropractic Association, University

Health Network, Synthes Corporation, Skoll Foundation and AOSpine.



Dr. Bernadette Murphy DC,
PhD
University of Ontario Institute
of Technology

Congratulations Dr. Bernadette Murphy!

Dr. Murphy was recently invited to present a poster at the Transcranial Magnetic Stimulation and Neuroimaging in Cognition and Behavior conference in Montreal in September entitled “Selective changes in intracortical facilitation and inhibition following repetitive voluntary movement”. The conference was held at

the Research Centre of the Institut Universitaire de Gériatrie de Montréal which is affiliated with the University of Montréal. Distinguished speakers were invited from across the fields of Neuroscience and Neurology to reflect the breadth and international scope of this field.



Dr. Martin Descarreaux DC,
PhD
Titulaire de la Chaire de
Recherche en Chiropratique
FRCQ - Système Platinum
Université du Québec à Trois-
Rivières

Congratulations Dr. Martin Descarreaux!

Dr. Descarreaux was recently promoted to the rank of Associate Professor after 5 years at UQTR. His research obtained the “Group” status at UQTR assuring recurrent internal funding for the next three years. The name of his research group is Neuromuscular Rehabilitation Research Group. Since January he has been involved with the French chiropractic association in the development of neck pain treatment guidelines for

physician, chiropractors, physical therapists and osteopaths in France.

Keeping track!

Masters Candidates

Dr. Geoff Gelley DC, MSc(c)
University of Manitoba

Dr. Maria Giannotti DC, MSc(c)
York University

Dr. Jason Gray BHK, DC, MSc(c)
Dalhousie University

Dr. Debbie Kopansky-Giles DC, MSc(c)
University of Bournemouth

Dr. Kim Lalanne, DC, MSc(c)
Université du Québec à Trois-Rivières

Dr. Johanne Martel DC, MSc(c)
Université du Québec à Trois-Rivières

Dr. Paul Nolet DC, MPH(c)
Lakehead University

New Masters – Congratulations!

Dr. Heather Shearer DC, MSc
University of Toronto

New PhD's – Congratulations!

Dr. John Srbely DC, PhD
University of Guelph

Dr. Gabrielle van der Velde DC, PhD
University of Toronto

PhD's coming down the pipe! Get Ready!

Dr. Marc-André Blanchette DC, PhD(s)
Université de Montréal

Dr. Karine Boily DC, MBA, PhD(c)
University of British Columbia

Dr. Jason Busse DC, PhD(c)
McMaster University

Dr. André Bussièrès DC, PhD(s)
University of Ottawa

Dr. Diana De Carvalho DC, PhD(c)
University of Waterloo

Dr. Cesar A. Hincapié DC, PhD(s)
University of Toronto

Dr. Steven Passmore DC, PhD(c)
McMaster University

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PhD's coming down the pipe! Get Ready! (con't)

Dr. Mathieu Piché DC, PhD(c)
Université de Montréal

Dr. Mana Rezai DC, PhD(c)
University of Toronto

Dr. Richard Roy DC, PhD(c)
Université du Québec à Montréal

Dr. Maja Stupar DC, PhD(c)
University of Toronto

Upcoming Events/Meetings

BCCA and BCCC AGM

Fairmont Chateau Whistler Resort
November 6-9, 2008

WFC Congress – Montreal

April 30 – May 2, 2009

7th Canadian Cochrane Symposium

*Wave to the Future - Navigating the Health Connection
among Systematic Reviews, Policies and Practices*

March 11-12, 2009
Halifax, Nova Scotia
www.wavetothefuture.ca



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

The Foundation has several categories of membership but you may donate any amount you wish. Each member receives a tax receipt for full donation amount, the Chiropractic Research Bulletin, a listing in the Bulletin (if you wish), and a Membership Certificate for your office.

Every dollar you donate helps us reach our goals. Support a university-based Chiropractic Research Chair in your province. Each Chair requires \$500,000 so please be generous. Help us reach our goals!

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| <input type="checkbox"/> Gold Membership \$1,000 | <input type="checkbox"/> Platinum Membership.....\$5,000 |

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Please send completed membership form to: Canadian Chiropractic Research Foundation
La Fondation canadienne pour la recherche en chiropratique
Attention: Dr. Allan Gotlib
30 St. Patrick St. Suite 600, Toronto, ON M5T 3A3
Tel: 416-585-7902 • 1-877-222-9303

The CCA, the CCA Research Committee and the Canadian Chiropractic Research Foundation (CCRF) are committed to improving the health of Canadians.

This Bulletin is distributed to the Canadian chiropractic research community. (15/10/08) You may view the preceding fourteen bulletins on the CCA website at www.ccachiro.org

For further information contact Dr. Allan Gotlib, CCA Director, Research Programs at tel: 416-585-7902, algotlib@ccachiro.org