I recently had the opportunity to hear one of our CCRF Researchers speak at a local chiropractic society meeting. Once again I was impressed by the easy outgoing and friendly manner in which he presented his material. Although the information was at times very technical, he was able to offer it in a manner that was understandable, but more important was the realization that the scientific inquiries that he and our other Chiropractic Researchers are doing affect our day-to-day office experiences.

We do not always realize that the influence these chiropractors have on the scientific community and their co-workers within their institutions is filtering down to the medical specialists and general practitioners in our communities with the result being improved communication and cooperation. We cannot work in isolation; we must embrace the science of our profession and perform in concert with others in the healthcare community.

The news recently for the Canadian Chiropractic Research Foundation is very positive. In the past few months, Dr. Gotlib and I have had meetings with two of the Universities in which we support Chiropractic Researchers and we received glowing reports from both detailing the impact that their presence is demonstrating in their respective faculties.

Our researchers are supervising PhD candidates, lecturing in other departments within the University, and publishing in peer-reviewed scientific journals. They are invited to speak at international conferences and their views, particularly regarding spine-related conditions, are sought after by researchers around the world.

It is gratifying for us as a profession to see several of our researchers receive tenure-track positions at their Universities. This is an accomplishment that just a few short years ago seemed impossible, but is now a reality and we congratulate these remarkable men and women!

We are now coast to coast! With the announcements that both the Memorial University of Newfoundland and the University of New Brunswick are now seeking applications for Canadian Chiropractic Research Foundation Chair positions, we have fulfilled the vision of securing Chiropractic Research Chairs/Professorships in Universities across the country. Congratulations to Dr. Allan Gotlib and all those who worked behind the scenes to make this accomplishment a reality.

We are certainly not finished. The CCRF intends to work continuously to enhance and improve the research capacity of the chiropractic profession across Canada. The continued support of all of the chiropractors as well as the various chiropractic associations, societies, corporate entities and private individuals is essential in moving the chiropractic research agenda forward.

If you are not now a member of the CCRF, please join by going to www.chiropractic.ca/research-foundation/become-member/

Dr. Drew Potter, DC
President, CCRF
drdrew@gto.net
NEW PROJECTS

Dr. Paul Bruno, DC, PhD
Assistant Professor – CCRF Research Chair in Neuromusculoskeletal Health, Faculty of Kinesiology and Health Studies – University of Regina

Dr. Bruno has recently collaborated with a colleague at the University of Regina¹ and two colleagues in the College of Medicine at the University of Saskatchewan² on a research project. The aim of the project is to investigate whether instructing surgical trainees to maintain a focused, unwavering gaze on a target during a simulated drill–tap–screw sequence increases drilling accuracy during the procedure. Data was collected for the project using the Vicon MX motion capture system housed in the University of Regina’s Neuromechanical Research Centre. This motion capture system is supported by an Equipment Grant from the Canadian Chiropractic Research Foundation (CCRF) and is crucial to Dr. Bruno’s research program, which is currently supported by funding provided by the CCRF, the Saskatchewan Health Research Foundation (SHRF) and the Chiropractors’ Association of Saskatchewan (CAS).

¹. John Barden, Associate Professor, Faculty of Kinesiology and Health Studies, University of Regina
². Matthew Butz, MD Candidate, College of Medicine, University of Saskatchewan; Jeremy Reed, MD, FRCSC, Assistant Professor of Surgery, College of Medicine, University of Saskatchewan

ACADEMIC APPOINTMENTS - CONGRATULATIONS!

Dr. Martin Descarreaux has been named to Royal Society of Canada College.

The RSC has named the inaugural 91 members of The College of New Scholars, Artists and Scientists. Those named to the College have been nominated by 51 Canadian universities and the National Research Council, and they represent the emerging generation of scholarly, scientific and artistic leadership in Canada.

The College of New Scholars, Artists and Scientists is Canada’s first national system of multidisciplinary recognition for the emerging generation of Canadian intellectual leadership.

The mandate of the College is:

“To gather scholars, artists and scientists at a highly productive stage of their careers into a single collegium where new advances in understanding will emerge from the interaction of diverse intellectual, cultural and social perspectives.”

The mission of the College is:

“To address issues of particular concern to new scholars, artists and scientists, for the advancement of understanding and the benefit of society, taking advantage of the interdisciplinary approaches fostered by the establishment of the College.”

Dr. Descarreaux recently held the Chiropractic Research Chair FRCQ at UQTR (Chaire de Recherche en Chiropratique FRCQ) in the Département des Sciences de l’activité physique. Dr. Descarreaux specializes in neuromuscular control of the spine and his research interests include the neurophysiologic effects of spinal manipulation. He recently won the prestigious UQTR “Award for Excellence in Research”, the highest institutional recognition for excellence in research.

Dr. Descarreaux is a most deserving researcher and this College appointment properly acknowledges his tremendous contributions to date to the university, to the chiropractic profession and to the research community, both across Canada and internationally.

Congratulations to Dr. Martin Descarreaux!!!
Dr. Mathieu Piché has been named Chiropractic Research Chair FCQ (Chaire de Recherche en Chiropratique FCQ) of UQTR

The Université du Québec à Trois-Rivières (UQTR) has named Dr. Mathieu Piché, DC, PhD to the prestigious Chiropractic Research Chair FCQ (Chaire de Recherche en Chiropratique FCQ). The Chair is funded by the Fondation Chiropratique du Québec (FCQ) and the Fondation de l'Université du Québec à Trois-Rivières and involves collaborative work with Dr. Martin Descarreaux, DC, PhD and Dr. Pierre Boucher, DC, PhD.

Dr. Piché is a tenured Associate Professor at UQTR in the Département de Chiropratique. He also holds the distinguished UQTR Research Chair in Pain Neurophysiology.

He obtained a Masters degree in Cell Biophysics and Biology from UQTR in 2004 for his work on neural plasticity of sensory systems. In 2006, Dr. Piché was awarded a CIHR Fellowship from the Clinical Research Initiative/Institute of Gender and Health. This four-year award allowed Dr. Piché to continue his research on the neurophysiological mechanisms of chronic pain with Dr. Pierre Rainville, PhD and Dr. Michael Bouin, MD, PhD at the University of Montreal.

In 2009, he obtained his PhD in Neurological Sciences from the Faculty of Medicine at Université de Montréal for his work on mechanisms of endogenous modulation of pain and their dysfunction in irritable bowel syndrome.

In 2011, he was awarded the Research Chair in Pain Neurophysiology by UQTR. Dr. Piché collaborates with Dr. Pierre Rainville, PhD, Dr. Mathieu Roy, PhD and Dr. Julien Cohen Adad, PhD at the University of Montreal in a CIHR five-year funded project (2013-2018) entitled “Beyond pain subjectivity: A neuroimaging investigation of multidimensional pain responses and their related functions.” He also collaborates with Dr. Hugues Leblond on the impact of spinal pain on locomotion recovery after spinal cord injury.

In 2012-13, he spent 16 months in Japan collaborating with a Japanese group from the Tokyo Metropolitan Institute of Gerontology to conduct a pain imaging study using positron emission tomography (PET) and collaborative work on somato-autonomic reflexes.

Dr. Piché currently supervises one postdoctoral fellow and six graduate students, including two chiropractors (Dr. Renaud Jeffrey-Gauthier and Dr. Alexandra Ladouceur).

He has published 33 scientific papers in the scholarly peer-reviewed literature.

Dr. Piché is currently funded by:

- Conseil de Recherches en Sciences Naturelles et Génie du Canada (CRSNG)
- Fondation Chiropratique du Québec
- Université du Québec à Trois-Rivières (UQTR)

Dr. Piché represents the emerging culture of scholarly, scientific leadership in Canada and internationally. Dr. Piché is a most deserving researcher and this appointment properly acknowledges his tremendous contributions to date.

Dr. Danielle Southerst

Dr. Danielle Southerst, DC, FCCS(C) has been appointed as Clinical Associate and Research Co-ordinator at the Rebecca MacDonald Centre for Arthritis and Autoimmune Disease which is located at Mt. Sinai Hospital in Toronto.

In addition, Dr. Southerst has been granted temporary privileges in the Department of Medicine at Mount Sinai Hospital, and will be treating patients in the Chiropractic Spine Clinic. In her role as Research Co-ordinator, she will be managing the University of Toronto Lumbar Spinal Stenosis Study, a randomized controlled trial on four novel strategies for the management of degenerative lumbar spinal stenosis. Her responsibilities include administering the intervention to trial participants and overseeing recruitment and data collection.

Email: ddsoutherst@mtsinai.on.ca

Congratulations to Dr. Southerst!
Dr. Hayden was recently promoted to the rank of Associate Professor in the Faculty of Medicine.

Dr. Jill Hayden, DC, PhD
CCRF Professorship in Epidemiology
Department of Community Health and Epidemiology
Faculty of Medicine, Dalhousie University

Congratulations to two world-class researchers!

Dr. Ammendolia was recently promoted to Associate Scientist, Department of Medicine at Mt. Sinai Hospital.

Dr. Carlo Ammendolia, DC, PhD
CCRF Professorship in Spine
Assistant Professor
Institute of Health Policy, Management & Evaluation
Faculty of Medicine, University of Toronto

SAVE THE DATE

Canadian Chiropractic National Convention and Tradeshow

September 18-20, 2015
Scotiabank Convention Centre
Niagara Falls

Be sure to save the date for the CCA’s National Convention and Tradeshow set to take place September 18-20, 2015 in Niagara Falls, Ontario.
Congratulations go to three of our chiropractic researchers on their recent promotion to tenure-track positions at three prestigious Canadian universities!!

These three world-class researchers have clearly distinguished themselves. Their university based research positions and areas of expertise bring tremendous credibility to our profession. The award of tenure track signifies an enormous academic milestone in the university system.

The University of Guelph has awarded Dr. John Srbely a tenure-track position.

**Dr. John Srbely, DC, PhD**
Post CCRF Professorship in Spine Mechanics and Human Neurophysiology
Assistant Professor
College of Biological Sciences
Department of Human Health and Nutritional Sciences
University of Guelph

Dalhousie University has awarded Dr. Jill Hayden a tenure-track position.

**Dr. Jill Hayden, DC, PhD**
CCRF Professorship in Epidemiology
Associate Professor
Department of Community Health and Epidemiology
Faculty of Medicine
Dalhousie University

The University of Manitoba has awarded Dr. Steven Passmore a tenure-track position.

**Dr. Steven Passmore, DC, PhD**
CCRF Professorship in Spine Biomechanics and Neurophysiology
Assistant Professor
School of Medical Rehabilitation
Faculty of Medicine
University of Manitoba
IN-CAM Research Symposium

Calgary, Alberta
November 6-8, 2014

Creating a Chiropractic Practice-Based Research Network: Enhancing the management of musculoskeletal care.

Dr. Diane Grondin, DC, MHK
Assistant Professor, CMCC
Adjunct Assistant Professor, UOIT.

Dr. Grondin is pursuing her PhD at the University of Toronto in Health Policy Management and Evaluation, with a focus on Health Services Research (Knowledge Translation). She is a graduate of CMCC (DC) and the University of Windsor (MHK).

IN-CAM is a collaborative and interdisciplinary research community in Canada generating knowledge through research on complementary, alternative, and integrative medicine/healthcare to enhance the health of Canadians.

www.incamresearch.ca/content/about-cam

North American Spine Society (NASS) Annual Meeting

Moscone Center | San Francisco, CA
November 12–15, 2014

“Wonder Medicine Special Section”: The Biochemical and Biomechanical Basis for Disc Degeneration

W. Mark Erwin, DC, PhD
CCRF Professorship in Disc Biology
Assistant Professor, Department of Surgery
Faculty of Medicine, University of Toronto

This was truly a one-of-a-kind meeting, where spine care professionals from around the globe shared the latest information, innovative techniques and procedures, best practices, and new technologies. Patients now have access to more information on emerging and experimental spine technologies than ever before and often ask their providers about them. The session was focused on emerging biologic therapeutics for intervertebral disc degeneration and whether or not they are likely to replace or change the current treatment regimens.

NOTED EVENTS

Canadian Chiropractic Research Foundation & CIHR Update

Two of our world-class Research Chairs represented the CCRF at a second meeting held October 30 in Toronto as a follow-up to the initial IMHA “Strategic Planning” session in Vancouver.

Dr. Steven Passmore, DC, PhD
Assistant Professor
CCRF Professorship in Spine Biomechanics and Neurophysiology
Faculty of Medicine, University of Manitoba

Dr. Simon French, DC, PhD BAppSc(Chiropractic), MPH, PhD
Assistant Professor
CCRF Professorship in Rehabilitation Therapy
Faculty of Health Sciences, Queen’s University

The Scientific Director (Dr. Hani El-Gabalawy MD, FRCPC) for the Institute of Musculoskeletal Health and Arthritis (IMHA) of the Canadian Institutes of Health Research (CIHR), invited the CCRF to meet with the IMHA Advisory Board on March 13, 2014 in Vancouver, British Columbia, Canada, to assist in the development of their IMHA Strategic Plan 2014-2018. Many high profile invitees from across Canada attended this retreat to set the strategic priorities. This is a significant milestone and another first for the profession and arises from the recent Research Symposium. CIHR has an annual operating budget of over $1 billion dollars.

Dr. Passmore, Dr. El-Gabalawy and Dr. French have reported on the strategic planning sessions and the impact it will have on chiropractors. Read this report in the December issue of the JCCA.

Just amazing!
Dr. W. Mark Erwin, DC, PhD

Faculty of Medicine, Division of Neurosurgery, University of Toronto; Scientist, Division of Neurosurgery, Toronto Western Hospital; Scientist, Toronto Western Research Institute (TWRI)

Animals that retain notochordal cells do not develop degenerative disc disease (DDD) whereas animals that do not retain these cells develop DDD, and in some cases, profoundly. We have characterized the ‘secretome’ of the nucleus pulposus of animals that retain notochordal cells using quantitative proteomic methods and now have a profile of their respective secretory products. We have tested notochordal cell-conditioned medium (NCCM) on IVD NP cells obtained from mice, rats, dogs, bovine and humans, and there is a robust anti-cell death and anti-degeneration effect conferred upon the disc cells of all animals tested (Erwin et al 2011; Mehrkens and Erwin 2013). My laboratory is now in the process of determining the necessary and sufficient factors secreted by the NCD dogs that protect NP cells from death and degeneration in a collaborative study with Dr. David Isenman (Biochemistry, University of Toronto).

In addition, we have found that NCCM is capable of suppressing the powerful cell-death inducing effects of the robust chemotherapeutic agent etoposide providing unique insight into the mechanisms involved with NCCM-induced disc cell rescue. This work was presented at the 2014 North American Spine Society annual meeting (November 2014) and will be presented at the upcoming Global Spine Meeting 2015 (Buenos Aires, Argentina).

In parallel with our characterization of the essential factors contained within NCCM it is vital to have an appropriate animal model with which to evaluate any proposed cellular/molecular treatment for disc disease (an entirely untreatable entity). My laboratory has now pioneered and validated a novel disc injury that contains an IVD NP that resembles the degenerative human disc.

My laboratory has now developed collaboration with the University of Basel where we are now studying the effect of “NCCM” in human articular cartilage. We have begun the first phase of the experimental work with encouraging results, and hope to present this work at the upcoming International Cartilage Repair Society 2015 annual meeting.

I gave a presentation at the University of Basel 50th Anniversary Orthopaedic Jubilee (October 2014) as a guest lecturer where I provided a lecture concerning “orthobiologics and spinal regeneration”.

My research programme concerns a restorative/regenerative theme that initially started with the study of the restorative capacity of notochordal cells. We have now published 26 major scientific manuscripts, and there are five manuscripts in preparation. Additionally, my laboratory has received (June 2013) a $1 million USD operating grant and two grants for $125K each this past year for a total of $1.25 million of grant support this year.

PUBLICATIONS (2013-2014)

Dr. Jean-Sébastien Blouin, DC, PhD  
**CCRF Professorship in Spine Biomechanics and Human Neuropysiology, School of Kinesiology, Faculty of Education – University of British Columbia**

In 2014 alone, Dr. Blouin has published 13 papers in peer-reviewed journals and presented the results of his research at various national and international conferences. His laboratory is very dynamic, including the development of new technology to assess sensorimotor function. As such, a robotic balance simulator with visual display and a rotary chair were developed and are now fully functional. The robotic balance simulator uses direct drive motors and a large 3D projection screen, allowing subjects to move slowly without feeling any vibration while the experimenters control the feedback (somatosensory, vestibular and visual) presented to them. The rotary chair allows the study of vestibular function in humans. These novel tools provide unique ways to probe sensorimotor function in healthy volunteers as well as following injury.

Dr. Paul Bruno, DC, PhD  
**Assistant Professor – CCRF Research Chair in Neuromusculoskeletal Health, Faculty of Kinesiology and Health Studies – University of Regina**

- First Author or Co-Author on seven peer-reviewed publications and one invited commentary. All papers have now been published.
- Two manuscripts currently in preparation, which are planned to be submitted by the end of the year.
- In October, 2014 will be co-application for two Collaborative Innovation Development Grant Applications to the Saskatchewan Health Research Foundation (Evaluation of fall-related differences in the stride-to-stride fluctuations, regularity and symmetry of gait in older adults; and Determining interventions that support Registered Nurses’ physical and mental health to provide safe, quality patient care: a collaborative team approach)
- In November, 2014 will be submitting tenure application. Decision on this application should be made by March or April, 2015.

Dr. John Srbely, DC, PhD  
**Assistant Professor – CCRF Professor in Spine Mechanics and Neurophysiology, Department of Human Health and Nutritional Science, University of Guelph**

- Currently a full-time tenure-track assistant professor
- Currently setting up a neuromuscular pain clinical-research facility at the university. Laboratory space has been earmarked, and currently applying for infrastructure funding to support the start-up of this facility.
- Currently supervising six MSc graduate students, one PhD student, and will have another MSc and PhD student coming on board in January, 2015.

Dr. Steven Passmore, DC, PhD  
**Assistant Professor – CCRF Professorship School of Medical Rehabilitation – University of Manitoba**

- Two new grants: Gibson and WBC
- One new award: ACC-RAC 2014
- Six new publications to date for 2014
- Five conference presentations to date for 2014
- New appointment as Assistant Professor (tenure track) in the Faculty of Kinesiology & Recreation Management – University of Manitoba
Dr. Simon French, BAppSc (Chiropractic), MPH, PhD
CCRF Professorship in Rehabilitation Therapy
Assistant Professor, School of Rehabilitation Therapy, Faculty of Health Sciences – Queen’s University

In September 2013, Dr. French commenced the CCRF Professorship in Rehabilitation Therapy, School of Rehabilitation Therapy, Faculty of Health Sciences, Queen’s University in Kingston, Ontario. Dr. French also has a cross appointment with the Department of Public Health Sciences at Queen’s University.

Dr. French conducts research in three areas related to chiropractic practice. First, he undertakes knowledge translation research for musculoskeletal conditions. This involves developing and evaluating methods to assist chiropractors, and other primary healthcare providers, to provide the best possible care to their patients that are in line with recommendations in evidence-based clinical practice guidelines. Second, he undertakes practice-based observational chiropractic research to determine who consults chiropractors and what care chiropractors provide. This ensures we have accurate information about current chiropractic practice so that stakeholders of the profession are fully informed using reliable information. Finally, he undertakes randomized trials and systematic reviews of interventions relevant to chiropractic practice.

In 2014, Dr. French has received six new research grants (total CAD$825,587) as principle- or co-applicant. These grants include: the Ontario Chiropractic Association and Queen’s University, to undertake a chiropractic practice-based research project, along with Co-Applicants Drs. Sil Mior and Andre Bussières; a Canadian Institute of Health Research, Partnerships for Health System Improvement to undertake an evaluation of a low back pain model of care for primary care doctors; a grant from the Danish Chiropractors’ Foundation to support an Australian-based PhD student; a grant from the National Multiple Sclerosis Society (USA) to support a post-doctoral Fellow to undertake knowledge translation research; and a grant from the Edith Strauss Rehabilitation Projects, McGill University, to support a PhD student co-supervised by Dr. Bussières.

Dr. French has recently submitted two research grants, one to the Early Researcher Awards Program, Ontario Ministry of Research and Innovation, and one to the 2014 Foundation Scheme, Canadian Institutes of Health Research.

So far in 2014, he has published nine peer-reviewed publications, has one book chapter in press (in Grieves Modern Musculoskeletal Physiotherapy), and has a further four publications under review. He has delivered seven invited presentations, including the following conferences: L’Ordre des chiropraticiens du Québec, Continuing Education Meeting; the Canadian Coalition for Global Health Research, Workshop for Knowledge Translation; and the Royal College of Chiropractors Annual Meeting in the United Kingdom. He has also delivered six conference papers, including: KT Canada Scientific Meeting; World Congress on Osteoarthritis; Association of Chiropractic Colleges Research Agenda Conference. In addition to his position as Associate Editor of Chiropractic & Manual Therapies, he has also provided peer review for nine manuscripts submitted to international journals, including Annals of Internal Medicine, PLOS One, and BMC Musculoskeletal Disorders.

Dr. French recently agreed to supervise a local chiropractor from Kingston to undertake a Master of Science in Epidemiology. The chiropractor commenced his Masters’ program at the School of Public Health Science, Queen’s University, in September 2014. Dr. French also provides regular guest lectures at Queen's University in different educational programs, including Physical Therapy, the Masters of Epidemiology, the Masters of Public Health and the undergraduate Medicine program.
Updates on Research Chairs and Professorships

Dr. André Bussières, DC, PhD
CCRF Research Chair-McGill University

The new website of the Canadian Chiropractic Guideline Initiative was launched in September (www.chiroguidelines.org). This important strategy aims to help disseminate clinical practice guidelines and best practices in chiropractic practice. The ‘Cochrane Corner’ and links to other credible sources provide trusted information on gold-standard reviews, evidence-informed practice and best care.

A three-part webinar series designed to help chiropractors apply the 2014 Neck Pain Guidelines was launched in October. Webinars will be delivered by opinion leaders, in collaboration with CMCC. Online clinical vignettes and a short video on self-management are designed to help practitioners test new knowledge gained through the webinars. A pilot study to test the feasibility of evaluating this Knowledge Translation strategy is planned for the end of the year.

A Practice-Based Research Network (PBRN) will be launched in December at a meeting reuniting 28 researchers, clinicians and decision makers. Potential challenges, solutions and funding for establishing chiropractic PBRN in Canada will be discussed.

Among 12 funded projects in 2014, Dr. Bussières is co-investigator on a CIHR grant for a study entitled PROMPT Identification of Cerebral Palsy led by Annette Majnemer ($330,576 over four years).

Dr. Jason Busse, DC, PhD
Assistant Professor, Department of Clinical Epidemiology and Biostatistics, Faculty of Health Sciences-McMaster University

- Awarded six peer-reviewed grants (three from CIHR)
- Completed one book chapter
- Completed one letter to the editor (published in the Canadian Medical Association Journal (CMAJ)
- Nineteen peer-reviewed journal articles published (including two in the Journal of the American Medical Association [JAMA], two in the British Medical Journal [BMJ], and two in CMAJ)
- Fourteen manuscripts submitted for publication to peer-reviewed journals
- Sixteen peer-reviewed presentations
- Four invited presentations
- Part of a core group that has recently been approved to form a Cochrane Field Group in Insurance Medicine
- Gave an interview for the television show Marketplace about homeopathic vaccines that will air in October, 2014

Dr. Greg Kawchuk, BSc, DC, MSc, PhD
Professor-Faculty of Rehabilitation Medicine, University of Alberta

This year, Dr. Kawchuk was made a full professor at the University of Alberta. He is presently on sabbatical until June 2015. Over the year, he will be involved with a variety of collaborative projects at universities in The Netherlands, Australia, Denmark, Hong Kong as well as the Mayo Clinic.
CONGRATULATIONS!

NEW MASTERS

**Dr. Frances Le Blanc, DC, MA**

Dr. Frances LeBlanc completed a Masters of Public Policy, Administration and Law (MPPAL) at York University in Toronto, Ontario. Dr. LeBlanc is interested in the area of inter-sectoral collaboration as it pertains to health promotion and models of care in Canada. Her research focused on evaluating access to conservative care in recently introduced LBP models of care (e.g. ISAEC).

**Dr. Conrad Tang, DC, MSc**

Dr. Conrad Tang defended his Master’s thesis earlier this year, and is currently finished with that project as he graduated this past summer. During the summer of 2013, he presented his thesis work at the International Society of Biomechanics (ISB) conference in Brazil, and was a finalist for the clinical biomechanics award. He is currently working with Dr. Herzog as a researcher, and helping him investigate the biomechanics of knee osteoarthritis.

NEW DOCTORATES

**Jake Pringle, DC, MBA, DBA, CHE**

Jake Pringle is currently a Senior Policy Advisor in the System Strategy and Policy Division of the Ministry of Health and Long-Term Care and an Instructor in the School of Health Services Management at Ted Rogers School of Management, Ryerson University.

He is a past recipient of a Futures Fellowship at a Health Strategy Cell at Massey College. Publications cross higher education, branding and health sector studies, but in general focus on exploring strategic management in the public sector. His doctoral dissertation explores how private sector and business ideology is encroaching on traditionally public sector spaces through faculty responses to branding activities at universities in Ontario.

Congratulations to Dr. Jake Pringle!
Dr. Isabelle Pagé, Doctoral candidate at the Université du Québec à Trois-Rivières (UQTR), has been awarded the prestigious CIHR Doctoral Award - the Frederick Banting and Charles Best Canada Graduate Scholarship as well as the Master's degree Health Professional Scholarship Award from the Fonds de Recherche du Québec - Santé.

**Supervisor:** Dr. Martin Descarreaux, DC, PhD, UQTR, Département des sciences de l’activité physique

**Project Title:** Neuromechanical responses and analgesic processes induced by spinal manipulation therapy: investigation of the dose-response relationship

**Granting Agency:** CIHR IMHA

**Funds Awarded:** $105,000 ($30,000 stipend & $5000 allowance for three years)

Congratulations to Dr. Pagé!

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**JCCA SPECIAL ISSUE:**

**CHIROPRACTIC TECHNIQUES & TECHNOLOGIES**

In June 2015, the *Journal of the Canadian Chiropractic Association* (JCCA) will publish a special issue devoted to Chiropractic Techniques and Technologies.

Dr. Brian Gleberzon, DC, MHSc is the Guest Editor and is calling for papers to be submitted for publication. Professor Gleberzon is the Chair of Department of Chiropractic Therapeutics at the Canadian Memorial Chiropractic College and holds an international reputation related to techniques in the field. You can reach him at: bgleberzon@cmcc.ca

The JCCA is the official, peer reviewed, quarterly research publication of the Canadian Chiropractic Association (CCA). Published since 1957 and searchable from 1978 in PubMed, the JCCA publishes original research papers, including observational and interventional studies, systematic reviews, case series, clinical practice guidelines, assessments of new clinical technologies, commentaries and editorials related to the diagnosis, management and prevention of neuromusculoskeletal disorders.

Please consult the website for details related to submission policy and manuscript requirements. [www.jcca-online.org](http://www.jcca-online.org)

Dr. Allan Gotlib C.M., DC

*Editor-in-Chief*

*Journal of the Canadian Chiropractic Association*

agotlib@chiropractic.ca
YOUR PARTICIPATION WOULD BE MOST APPRECIATED!

Dr. Allan Gotlib, Dr. Kent Stuber and Dr. André Bussières are creating a database of Canadian chiropractors who hold university graduate degrees.

We need this information in order to quantify our current research capacity for the purposes of strategic planning in the coming years.

By setting up a database, we are creating a greater “sense of community” for those chiropractors with graduate degrees and those currently undertaking research training.

We really need to hear from you if you already have a master’s degree or PhD degree or if you are currently training in a master’s or PhD program.

Please take a minute to send an email. It’s important to the profession!

BEST PAPER AWARDS

Authors, Ms. Natalie Sidorkewicz, Dr. Edward Cambridge, and Dr. Stuart McGill, were awarded Best Paper at the 40th Annual Meeting of the International Society for the Study of the Lumbar Spine (ISSLS) for their work entitled, Male Spine Motion During Coitus: Implications for the Low Back Pain Patient. The authors sought to understand the mechanical factors contributing to survey findings that up to 84% of men with chronic LBP significantly reduce their frequency of sexual activity because their pain is exacerbated during coital movements and positions. The provision of recommendations qualified with empirical data will not only substantiate clinicians’ advice, but also facilitate dialogue between clinicians and their patients regarding this important issue. The male findings have been reported in Spine by Sidorkewicz and McGill, which is available for free download here: http://bit.ly/1oyumTX.

Congratulations to Dr. Edward Cambridge!
**DONATIONS**

**Dr. Riccardo J. Cifola**

Recently Dr. Cifola renewed his CCRF membership as a Gold Member for the 2014-15 calendar year. When asked as to why he was moved to make such a significant donation to the CCRF this year, he stated:

“I gave that amount as a next step to my previous donations because you get out of life what you put in, and that is the level that I feel I’m at with the profession. Attaining my Neurology Diplomate at 50 was a challenge and an honour for me. It further confirmed my awareness of how much we can offer to those in need as a health professional when we have the funds to research and reproduce amazing neuroplastic changes in peoples’ brains and nervous systems.”

Dr. Cifola was born and raised in the Eastern Townships of the province of Québec by a French Canadian mother and an Italian father. He graduated from CMCC Class of 1987 and has been in private practice since then as a chiropractor and consultant. Married in 1989 to his lovely wife Lori and father of two adorable daughters, Kayla and Pamela, they presently live on the North Shore of Montreal. Throughout his quest for knowledge, he has had the opportunity to study with such great minds as Dr. George Goodheart, who conceptualized Applied Kinesiology (A.K.), Dr. Jeffrey Bland involved in nutrition in preventive medicine, Dr. Scott Walker founder of the Neuro-Emotional Technique (N.E.T.), Dr. Lawrence Newsum founder and developer of the Bio-Kinetics Health System (B.K.), as well as Dr. John Demartini, author of “Count your Blessing”.

Dr. Cifola has recently completed certification in Laser Therapy as well as Functional Neurology by the Carrick Institute. He now has the Diplomate status from the American Chiropractic Neurology Board (DACNB).

**UPCOMING EVENTS**

**13th WFC Congress**

**Athens Greece**

**May 13-16, 2015**

The World Federation of Chiropractic is set to host its 13th Biennial Congress on May 13-16, 2015 in Athens Greece. The congress will incorporate the 2015 Annual Convention of the European Chiropractors’ Union and will be hosted by the Hellenic Chiropractors’ Association. This series of events will take place at the Athens Hilton Hotel and the Megaron Athens International Conference Centre in the historic city of Athens. For more information visit www.wfc.org/congress2015/.

**Canadian Chiropractic Association National Convention and Tradeshow**

**Advancing Excellence in Patient Care**

**Niagara Falls, Ontario**

**September 18-20, 2015**

**Opening Keynote Arlene Dickinson**

CEO of Venture Communications “Dragon” on CBC TV’s Dragons’ Den

Whether explaining how to leverage marketing in even the toughest of economic times, sharing backstage stories from “The Den,” or giving audiences a look into her personal story of success, Dickinson's experience and expertise always shines through.

Be sure to **save the date** for the CCA’s National Convention and Tradeshow set to take place September 18-20, 2015 in Niagara Falls, Ontario.
Congratulations to our sponsors!

Based on the success of the CCRF research program, chiropractors have become world leaders in developing treatment protocols for chronic disabling musculoskeletal (MSK) disorders. The work done to date, and the future of the program, relies upon the assistance provided by CCRF members and by two very important sponsors.

The leadership at the Canadian Memorial Chiropractic College has long recognized the importance of chiropractic research. The vibrant and productive program in place at CMCC fosters an interest in research among students who will become future members of our team. They have also helped to advance current research with a generous donation to the CCRF. The $5,000 donated this year will help us to develop new positions for our researchers.

The longstanding relationship between the CCA and Mentholatum Canada has been invaluable. In addition to directing funding to the CCA through its endorsement of the Deep Relief line of products, Mentholatum Canada makes an annual donation of $1,000 to the CCRF. This support is essential to developing our research roster and securing future research positions for them.

Congratulations to these two institutions for helping to support and advance chiropractic research in Canada!

Dr. David Leprich, DC
Chair, Fundraising
Chair, Membership Campaign

Now that you have had the opportunity to read through the Research Bulletin, I hope you can appreciate how far this profession has come over these last many years. We began in Calgary, with our first research chair and we have moved to researchers now, or soon to be, in place at most of the major universities right across the country. This has been no small feat and the profession should be very proud of these tremendous accomplishments. Much of the credit for our success belongs to Dr. Allan Gotlib, whose tenacity and skillful negotiations made this dream become the reality of today. Many, many thanks, Dr. Gotlib.

Our researchers are continually being recognized, nationally and internationally, for their contributions to the overall body of science and healthcare knowledge and understanding. As a result, our relevance to the overall well-being of Canadians takes on more meaning and will have a greater impact on the day to day healthcare needs of all. The integration, collaboration and co-operation with the other health professionals and scientists has been most successful and has gone a long way to advance the profession’s stature. This has been nothing but a win win for us.

While much has been achieved, there is much to do. To that end, the CCRF will be meeting the third weekend in October to map out where we go from here. It will be important to maintain our momentum, but equally we must look for new opportunities to expand and advance our integration and contribution to the overall healthcare knowledge and its transference to the general public. We must also find solutions to support our up-and-coming researchers, those in their masters and PhD programs. We continue to need your ongoing support, every contribution counts, so please visit our website and help us help you and chiropractic. We all will benefit.

Dr. Christopher L. Martin, DC
Chair, CCRF
HELP US REACH OUR GOALS!
In 2014, the Research Foundation will see up to 2 more university-based Chiropractic Research Chairs/Professorships become available. Each Chair/Professorship requires a minimum of $500,000, so please be generous.

Each Foundation member will receive a tax receipt for full donation amount, the Chiropractic Research Newsletter, a listing in the Newsletter if you wish, and a Membership Certificate for your office.

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EVERY DOLLAR YOU DONATE HELPS US REACH OUR GOALS!
- Less than 1% of chiropractors in Canada are actively engaged in research.
- Chiropractic researchers in Canada are substantially under-funded.
- Many chiropractic researchers and graduate students are solely self-funded.
- There is an urgent need to continue to build chiropractic research capacity.

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