GOAL:

- refine the national Chiropractic Research Agenda to facilitate collaborative, multi-disciplinary health research in the emerging area of chiropractic science.

RATIONALE:

- a Research Agenda aligned with CIHR will provide a clear focus and set the directions for future chiropractic collaborative health research in Canada.
- with CIHR’s increased emphasis on partnerships, knowledge translation and collaboration with the end-users of research, the Consortium will undertake promising health research projects that will generate new knowledge, new perspectives and ultimately, improved health for Canadians.

OBJECTIVES:

Objective 1: present current innovative, multi-disciplinary state of the art research developments in the chiropractic discipline through a two-day workshop to further refine the Chiropractic Research Agenda and ensure its congruency with CIHR particularly the Institute of Musculoskeletal Health and Arthritis (IMHA), and also IA, IHSPR and INMHA.

Objective 2: increase capacity in the Consortium to strengthen collaborative relationships, foster greater networking opportunities and new research streams, and develop cross disciplinary linkages.

Objective 3: establish a strategic plan to transfer new knowledge to health providers, health policy makers and end-users and identify and address the barriers to uptake and implementation.
Thursday, October 1, 2009

3:00 pm – 3:10 pm  Introduction  
*Dr. André Bussières DC, PhD candidate, University of Ottawa*

3:10 pm – 3:50 pm  Opening Address  
**Topic 1:** What is Knowledge Translation and how does CIHR support and promote it?  
CIHR Representative:  
*Dr. Ian Graham PhD, CIHR Vice President, Knowledge Translation Portfolio*

**Topic 2:** Addressing the needs of the Consumer of Health Research.  
Consumer Representative:  
*Ms Flora Dell C.M. – Past CIHR KETF Chair*

3:50 pm – 4:10 pm  Research Capacity Scan  
A recent survey of the research capacity of the chiropractic profession in Canada.  
*Dr. Kent Stuber DC, MSc*

4:10 pm - 6:00 pm  **Topic 3:** Identifying successful strategies for bringing research evidence into practice - why context and facilitation matter.  
CIHR Representative:  
*Professor Erna Snelgrove-Clarke RN, MN, PhD candidate, Chair, CIHR Knowledge Exchange Task Force*

**Social Cultural Stream**  
*Dr. John Church PhD, Political Scientist – University of Alberta*  
*Dr. Annalyn Mercado PhD, Psychologist – Saskatoon Health Region*

**Biomechanics Stream**  
*Dr. Triano DC, PhD, CMCC/ McMaster University*  
*Dr. Dickey PhD, University of Western Ontario*

6:30 pm – 10:00 pm  McGill Faculty Club - Reception and Dinner  
Speaker:  
*Dr. Richard Levin, Vice-Principal (Health Affairs) and Dean, Faculty of Medicine, McGill University*

Friday, October 2, 2009

8:00 am – 8:30 am  Breakfast

8:30 am – 9:40 am  Epidemiology Stream  
*Dr. Dagenais DC, PhD, University of Ottawa*  
*Dr. Côté DC, PhD, University of Toronto*  
*Dr. Quon DC, PhD, University of British Columbia*

9:40 am – 10:00 am  Break
Friday, October 2, 2009 con’t

10:00 am – 10:40 am  **Biomechanics Stream**  
*Dr. Kawchuk DC, PhD, University of Alberta*  
*Dr. Srbely DC, PhD, University of Guelph*

10:40 am – 11:00 am  **Topic 4: Moving health research outputs at IMHA into application to benefit the health and wellbeing of Canadians**  
CIHR Representative:  
*Liz Stirling – Assistant Scientific Director - Institute of Musculoskeletal Health and Arthritis*

11:00 am – 12:00 pm  **Neurophysiology Stream**  
*Dr. Murphy DC, PhD, University of Ontario Institute of Technology*  
*Dr. Blouin DC, PhD, University of British Columbia*  
*Dr. Piché DC, PhD, Université du Québec à Trois-Rivières*

12:00 pm – 1:00 pm  **Lunch break**

1:00 pm – 2:00 pm  **Biomechanics Stream**  
*Dr. Boucher PhD, Université du Québec à Montréal*  
*Dr. Herzog PhD, University of Calgary*  
*Dr. Descarreaux DC, PhD, Université du Québec à Trois-Rivières*

2:00 pm – 2:20 pm  **Cellular/Molecular Biology Stream**  
*Dr. Erwin DC, PhD, University of Toronto*

2:20 pm – 2:40 pm  **Break**

2:40 pm – 3:10 pm  **Topic 5: Knowledge translation research – opportunities for chiropractic researchers to develop and undertake KT research**  
Cochrane Collaboration Representative:  
*Dr. Jeremy Grimshaw MD (Edin), PhD (Aberd), University of Ottawa*  
*Director, Canadian Cochrane Network & Center*

3:10 pm – 3:50 pm  **Epidemiology Stream**  
*Dr. van der Velde DC, PhD, University of Toronto*  
*Dr. Hayden DC, PhD, Dalhousie University*

3:50 pm – 4:50 pm  **Clinical Stream**  
*Dr. Ammendolia DC, PhD, University of Toronto*  
*Dr. Busse DC, PhD, McMaster University*  
*Dr. Steven Passmore DC, PhD candidate, McMaster/U of Manitoba*

4:50 pm – 5:00 pm  **Wrap Up**  
*Dr. André Bussières DC, PhD candidate*

5:00 pm – 5:40 pm  **Consortial Meeting**  
1. Appoint Consortial Chair (or co-chairs)  
2. Welcome New Members  
3. Appoint Convenor of next Research Symposium  
4. CIHR Workshop report submission (*Gotlib, Stuber, Bussières*)  
5. Strategic plan for knowledge dissemination and uptake
Dr. Carlo Ammendolia is a clinical epidemiologist for Rehabilitation Solutions at the University Health Network and a Knowledge Transfer and Exchange Scientist for the Centre for Research Expertise for Improved Disability Outcomes at the University Health Network. He received his PhD in Clinical Evaluative Sciences in 2005 from the University of Toronto. Dr. Ammendolia is an Assistant Professor in the Department of Health Policy, Management and Evaluation at the University of Toronto. He has maintained a clinical practice in chiropractic over the past 28 years and is currently a staff clinician in the Department of Medicine at Mount Sinai Hospital in Toronto. His research interests include the development, implementation and evaluation of strategies to narrow the gap between evidence and practice in the management of musculoskeletal disorders.

Dr. Jean-Sébastien Blouin is an assistant professor and holder of a CCRF Professorship in the School of Human Kinetics at the University of British Columbia (Canada). His research focuses on the physiology of human movement with particular interests in i) the neural control of the axial and lower limbs motoneurons to maintain balance and ii) the mechanical & physiological responses evoked by whole-body (simulating whiplash motion) or spinal perturbations. Dr. Blouin investigates these aspects of human movement using a variety of tools and experimental procedures.

Dr. Jean Boucher is Full Professor in the Kinanthropologie Department and Director of the Institut Santé et société at the Université du Québec à Montréal. He was first appointed professor in 1983 after receiving his doctorate in Exercise Science from the University of Massachusetts. His research activities contributed to the fields of neuromuscular control, functional health and Chiropractic. To date, he has obtained more than $750,000 in research funding and his productions include a patent application and over 140 published book chapters, communications, conferences and scientific articles, including 30 peer reviewed articles. He directed over 30 graduate students. He was chair of graduate studies in Kinanthropologie from 1985 to 1987 and 1995 to 1997. He also chaired the Department of Kinanthropologie from 1997 to 2006. He is a Fellow of the American College of Sports Medicine (FACSM) and a founding member of the International Society of Functional Electrical Stimulation (IFESS).

Dr. Jason Busse has completed a BSc in Microbiology and a MSc in Medical and Molecular Genetics at the University of Toronto, a Doctorate in Chiropractic at CMCC, training in Cognitive Behavioral Therapy at McMaster University, and a PhD in Health Research Methodology at McMaster University under the supervision of Dr. Gordon Guyatt. Dr. Busse is an Assistant Professor in the Department of Clinical Epidemiology & Biostatistics at McMaster University, a Scientist at the Institute for Work & Health, and an Adjunct Professor in the Department of Graduate Education and Research at CMCC. Dr. Busse has been active clinically in the management of disability secondary to chronic pain and fatigue syndromes since 1999 and currently serves as a consultant for ATF Canada and Prisma Health. Dr. Busse has authored over 70 peer-reviewed publications with a focus on medically unexplained syndromes, orthopedic trauma, and methodological research. His academic efforts are supported by a New Investigator Award from the Canadian Institutes of Health Research and Canadian Chiropractic Research Foundation.

Dr. David Cassidy is an epidemiologist and a senior scientist at the Division of Health Care and Outcomes Research at the Toronto Western Research Institute, University Health Network. He is a Professor in the Division of Epidemiology at the Dalla Lana School of Public Health and in the Clinical Epidemiology Program at the Department of Health Policy Management and Evaluation at the University of Toronto. Originally trained as a chiropractor, he went on to obtain doctoral degrees in Pathology at the University of Saskatchewan and Injury Epidemiology at Karolinska Institute in Stockholm, Sweden. He is currently the Director of the Centre of Research Expertise in Improved Disability Outcomes (CREIDO) at UHN-Rehabilitation Solutions and Research Director of Artists’ Health at the Toronto Western Hospital. He has published over 200 research papers and chapters in textbooks. His research focus includes injury epidemiology and workplace disability prevention.
Dr. Pierre Côté is an Associate Professor of epidemiology at the Dalla Lana School of Public Health at the University of Toronto and a Scientist at the Toronto Western Research Institute at the University Health Network. He graduated from the Canadian Memorial Chiropractic College in 1989. In 1996 he obtained a Master’s Degree in Surgery from the University of Saskatchewan. Dr. Côté completed a PhD in epidemiology at the University of Toronto in 2002. In 2003, he was awarded a 5-year New Investigator Award from CIHR. His primary research interests include the burden and determinants of disability related to musculoskeletal disorders. Dr. Côté is currently conducting the University Health Network Whiplash Intervention Trial, a large randomized clinical trial of the effectiveness of three programs of care for the treatment of whiplash injuries in Ontario. He is also a Co-principal Investigator of the Centre of Research Expertise in Improved Disability Outcomes (CREIDO).

Dr. John Church is Associate Professor cross-appointed in the Department of Political Science and the Centre for Health Promotion Studies, School of Public Health, University of Alberta. His research interests revolve around the role of institutions, ideas and interests in Canadian health care policy making. Dr. Church has worked with international, national, provincial and regional health agencies in the evaluation of health care reforms.

Dr. Simon Dagenais holds faculty appointments as Assistant Professor in both the Division of Orthopedic Surgery and the Department of Epidemiology and Community Medicine at the University of Ottawa. Trained as a chiropractor and clinical epidemiologist, Simon conducts research to support evidence-based management of spinal and orthopedic disorders. He is the former Research Director for CAM Research Institute in Irvine, California, a nonprofit research organization committed to scientific study of complementary therapies for chronic low back pain. Simon recently relocated to western New York to work as a scientific consultant to Paladin Health, a specialty health insurance company. He also now holds a faculty appointment as Research Assistant Professor in the Department of Social and Preventive Medicine at the University at Buffalo. Simon is Associate Editor for The Spine Journal and an active member of the North American Spine Society.

Dr. Martin Descarreaux is a 1998 chiropractic graduate from the Université du Québec à Trois-Rivières (UQTR), where he now is employed as an associate professor, teaching pathomechanics and rehabilitation. He completed a Masters degree in kinesiology at the UQTR in 2000 and his PhD in kinesiology at the Université Laval in the Department of Social and Preventive Medicine in 2004. He currently holds the chiropractic research chair at UQTR and he specialises in neuromuscular control of the spine and his research interests include the neurophysiologic effects of spinal manipulation. The characterization of the neurophysiological and biomechanical effects of spinal manipulations is upmost among the Chair’s research themes.

Dr. Jim Dickey is a professor at the University of Western Ontario in the School of Kinesiology. He completed his BSc and MSc at the University of Waterloo working with Dr. David Winter. He worked as a research assistant in the Orthopaedics Department at Sunnybrook Hospital before embarking on his PhD in Mechanical Engineering at Queen’s University. He was on faculty at the University of Guelph for 11 years before recently moving to Western. He is actively involved in teaching and research. His research program is focused on joint biomechanics and includes specific projects evaluating the effects of whole-body vibration and also in vitro studies of joint mechanics.

Dr. Mark Erwin has been a practicing chiropractor since graduating from the Canadian Memorial Chiropractic College in 1984 after obtaining a specialized honors degree in physical education from York University in 1980. He obtained a PhD from the Institute of Medical Science at The University of Toronto in 2004 where the subject of his doctoral studies concerned the biology of the intervertebral disc. Currently Dr. Erwin is a clinician/scientist with the academic rank of Assistant Professor in the Department of Surgery, Division of Orthopaedic Surgery at the University of Toronto and Toronto Western Hospital. He is also cross-appointed to The Spine Programme and is a scientist within the Arthritis
and Autoimmunity Research Centre. In addition with a robust laboratory schedule, Dr. Erwin continues to see patients two half-days per week in private practice as well as assisting with the assessment of patients referred for neurosurgical consultation in the complex Spine Clinic at Toronto Western Hospital. Dr. Erwin has developed a multi-disciplinary disc biology research group that brings together the disciplines of neurosurgery, rheumatology, and cellular and molecular biology. Dr. Erwin’s research has been funded by peer-reviewed grants such as CIHR, the Canadian Arthritis Network, AO-Spine North America as well as industry and non-profit research support. Dr. Erwin has published in peer-reviewed journals such as Spine, Arthritis and Rheumatism, Journal of Neurosurgery-Spine and others. Dr. Erwin’s current work centers on the role(s) played by notochordal cells within the intervertebral disc as well as restorative/regenerative strategies with a focus on degenerative disc disease.

**Dr. Jill Hayden** is Assistant Professor in the Dept. of Community Health & Epidemiology, Dalhousie University. She was previously Scientist at the Centre for Research Expertise in Improved Disability Outcomes (CREIDO), University Health Network (2006-2008) and Assistant Professor in the Dept. of Health Policy, Management & Evaluation, University of Toronto. Dr. Hayden graduated from the Canadian Memorial Chiropractic College in 1996 and completed the Chiropractic Clinical Residency Program in 1999. In 2007 she completed her PhD in Clinical Epidemiology at the University of Toronto, specifically on the methods of systematic review of prognosis studies. She was based at the Institute for Work & Health in Toronto between 1999 and 2006. Dr. Hayden’s research experience and expertise includes prognostic research, systematic review methods and musculoskeletal health, specifically low back pain. She has been involved with the Cochrane Collaboration for many years, as review author, Advisory Board Member for the Back Review Group, and co-Convenor of the Prognosis Methods Group. Dr. Hayden is Principal Investigator of the Nova Scotia Cochrane Resource Centre, funded by the Nova Scotia Health Research Foundation to build regional capacity in systematic reviews and evidence-informed health care decision-making. She has been the recipient of several training and achievement awards and holds a Canadian Institutes of Health Research/ Canadian Chiropractic Research Foundation New Investigator Award (2007-2012).

**Dr. Walter Herzog** received his BSc Kinesiology from Federal Technical Institute in Zurich in 1977, his MSc in Biomechanics from Federal Technical Institute in Zurich in 1978, and his PhD in Biomechanics from University of Iowa, USA, in 1985 which was followed by a Postdoc in Clinical Neuroscience and Biomechanics at University of Calgary in 1987. Presently Dr. Herzog is a Professor and Canada Research Chair in Molecular and Cellular Biomechanics in the Faculties of Kinesiology, Engineering and Medicine, University of Calgary. His research interests are in musculoskeletal biomechanics with a focus on mechanisms of muscle contraction, joint loading and musculoskeletal injuries and diseases.

**Dr. Greg Kawchuk** holds the Canada Research Chair in Spinal Function and is an Associate Professor in the Faculty of Rehabilitation Medicine at the University of Alberta. With a PhD in bioengineering and clinical training as a chiropractor, Dr. Kawchuk’s research interests revolve around defining the mechanisms that initiate and sustain spinal disorders. To achieve this goal, a major component of his research involves the development of novel technologies to evaluate spinal structure and performance.

**Dr. Annalyn Mercado** obtained her BA (Hons.), majoring in psychology, at the University of Manitoba in 1995. She then moved to Saskatoon, SK, where she received a MA (1998) and PhD (2003) in Clinical Psychology from the University of Saskatchewan. Both her clinical and research interests are in health and rehabilitation psychology. Since receiving her PhD, she has worked as a clinical psychologist at the Kinetik & FIT for Active Living Programs, Saskatoon City Hospital. She is also a Professional Affiliate with the Clinical Psychology Department at the University of Saskatchewan. She does clinical work with individuals who have experienced physical injuries and supervises psychology practicum students and residents. She also has opportunities to engage in research projects within the hospital treatment setting.
**Dr. Bernadette A. Murphy** graduated from the Canadian Memorial Chiropractic College in 1989 before moving to New Zealand where she completed her MSc (1992) and PhD (1998) in Human Neurophysiology at the University of Auckland. She was a fulltime faculty member in the Department of Sport and Exercise Science from 1999-2007, where she established an MSc in Exercise Rehabilitation. In January 2008, she took up her current position in the Faculty of Health Sciences at UOIT as an Associate Professor at the University of Ontario Institute of Technology (UOIT). She is the Director of the Human Neurophysiology and Rehabilitation Laboratory and heads the Kinesiology stream in the BHSc degree. The overall theme of her research is neural adaptation in humans and the role of physical interventions such as manipulation and exercise in aiding the re-establishment of appropriate neuromuscular connections.

**Dr. Steven Passmore** is currently a NYCC faculty member as a Research Fellow. Through his Fellowship, he has served as a chiropractor at the Buffalo Veterans Affairs Medical Center (VAMC). Now, under the supervision of Dr. Tim Lee, Dr. Passmore is currently a PhD candidate in the Kinesiology program at McMaster University. His area of specialization for both his MS and PhD degrees is human motor control and learning. Utilizing his background in motor control Dr. Passmore seeks to determine performance based outcome measures to be collected at baseline, re-evaluation, and then upon a later follow up to objectively determine outcome and sustainability of intervention. In addition motor control performance based outcome measures may add to our understanding of the neurological mechanisms associated with SMT and disorders that may respond to chiropractic management. Passmore has also co-authored multiple manuscripts on the integration of chiropractic into the United States Veterans hospital system.

**Dr. Mathieu Piché** graduated in 2002 from the chiropractic doctoral program at Université du Québec à Trois-Rivières (UQTR). He obtained a Masters degree in Cell Biology from UQTR in 2004 for his work on neural plasticity of sensory systems in rodents. In July 2009, he obtained his PhD in Neurological Sciences from Université de Montréal for his work on endogenous modulation of pain in humans. He is currently an Assistant Professor in the Department of Chiropractic at UQTR where he teaches neurophysiology. He is a co-researcher for the chiropractic research chair at UQTR and for CIHR funded projects on pain neurophysiology at Université de Montréal. His research interests include the physiology and pathology of endogenous pain modulation and the impact of spinal pain on autonomic regulation in humans and rodents.

**Dr. Jeffrey Quon** graduated as a chiropractor from the Canadian Memorial Chiropractic College in Toronto in 1986. He completed a Master of Health Science degree in 1998, and a PhD in epidemiology in 2007 at the University of British Columbia (UBC). During his research training he was supported by a doctoral fellowship from the Michael Smith Foundation for Health Research, and a postdoctoral fellowship from the Canadian Institutes of Health Research, Canadian Chiropractic Research Foundation and British Columbia College of Chiropractors. Dr. Quon is a Clinical Assistant Professor in the School of Population and Public Health, Faculty of Medicine at UBC.

**Dr. John Z Srbely** graduated from the Canadian Memorial Chiropractic College in 1992 and received his PhD degree in 2008 from the University of Guelph. He was awarded the CCA Young Investigator Award in 2005. Dr. Srbely is an Assistant Professor at the University of Guelph, Department of Human Health and Nutritional Science and holds a CCRF Professorship in Spine Mechanics and Neurophysiology. He is a member of the Editorial Board of the Journal of the Canadian Chiropractic Association and a Network Investigator for the Canadian Arthritis Network (CAN). His primary research interests include the study of the neurophysiologic mechanisms of pain, especially pain of myofascial origin.

**Dr. Normand Teasdale** is professor of kinesiology at Laval University. He graduated from UCLA (PhD kinesiology) in 1987. His research, mainly sponsored by the Natural Sciences and Engineering Research Council of Canada since 1989, has focused on understanding how subjects adapt their posture when facing conditions that...
often need a goal-directed movement (aiming to a target, reaching for an object). This general research protocol allows for studying not only the control of posture but also the interplay between posture and movement when other conditions, such as pain or fatigue, are experienced. He also collaborates on several projects supported by AUTO21 (Network Center of Excellence) aiming at developing innovative methods for providing appropriate feedback to improve the driving of novice and older drivers.

**Dr. John J. Triano** is a graduate of Logan College (DC), Webster College (MA), and the University of Michigan (PhD). He is a Fellow of the College of Chiropractic Scientists (Canada) and serves as an editorial advisor to the Journal of Manipulative and Physiological Therapeutics (since 1986), to Spine (since 1994), The Spine Journal (since 2000) and The BackLetter. Dr. Triano was Research Professor in the University of Texas Southwestern Medical Center Arlington, Joint Biomedical Engineering Program. To date he has written 74 scientific and clinical articles and 15 book chapters. From 1992 to 2005 he was the Co-Director of Conservative Medicine and Founding Director for the Chiropractic Division at the Texas Back Institute, a multidisciplinary spine facility caring for 15,000 new patients per year. Currently, he is Professor and Dean of Graduate Education at the Canadian Memorial Chiropractic College with cross-appointment as Associate Professor, Rehabilitation Sciences, McMaster University. During 2005 to 2007, Dr. Triano has served as the only chiropractor on the US National Committee for Quality Assurance that recently released its first Spine Physician Recognition Program, a program that acknowledges quality spine care by chiropractors on par with medical physicians.

**Dr. Gabrielle van der Velde** is a clinical epidemiologist at the Toronto Health Economics and Technology Assessment (THETA) Collaborative at the University of Toronto, and adjunct scientist at the Centre for Research Excellence in Improved Disability Outcomes (CREIDO) at the Toronto Western Hospital, and Institute for Work and Health. She is a Scientific Secretariat member of the Bone and Joint Decade 2000-2010 Task Force on Neck Pain and Its Associated Disorders. Dr. van der Velde conducts research in health technology assessment (systematic review, cost-effectiveness analysis), comparative effectiveness research (evidence synthesis, decision-analytic modelling), and measurement of health-related quality-of-life, chiefly in the field of musculoskeletal conditions. She currently holds a CIHR Post-doctoral Fellowship and Bisby Fellowship for Top Candidate in the Allied Health Professionals Committee (2007 CIHR Competition). Her research has been published in Arthritis Care & Research, Spine, BMC Trials, European Spine Journal, Archives of Physical Medicine and Rehabilitation, and Journal of Manipulative and Physiologic Therapeutics.

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**TOPIC SPEAKERS**

**Floral Dell**, a committed volunteer and activist, has long worked to improve the health of older Canadians.

Flora Dell holds a master’s certification in second language teaching from Université Laval and is certified in Gerontology by the University of St. Thomas. She served with the departments of education in Nova Scotia and New Brunswick as a specialist in second language teaching. She developed and introduced courses in French as a second language in the school system and a pre-school program in both provinces.

Ms. Dell joined the New Brunswick government as a consultant for special populations from 1979 to 1994, collaborating with the federal Department of Health on working committees relating to special populations. She was involved with the effective merger and policy development of three national organizations evolving as the Active Living Coalition of Older Adults (ALCOA).

Ms. Dell fostered the development of ALCOA and served as vice-chair and on the executive. She is the past chair of the CIHR, Institute of Musculoskeletal Health and Arthritis Knowledge Exchange Task Force and sat on the executive of the Canadian Centre of Activity and Aging at the University of Western Ontario. She is a founding member of Osteoporosis New Brunswick.

Working with special groups and assisting them to become strong, effective and functional is Ms. Dell’s passion. This work led to her serving as executive member for organizations including Osteoporosis Canada’s National Board, the Frost Healthcare Foundation, and the President’s Committee on Gerontology at St. Thomas University.

Ms. Dell is also the first woman to serve as councillor for the town of Riverview, New Brunswick. She has received...
that of nursing practice and the use of clinical practice guidelines and policy. Professor Snelgrove-Clarke is exploring the transfer of knowledge through mixed methodology, concentrating on the relationships of health care professionals, organizations, and decision-maker. She is interested in these various networks and their effects on Health Care Professionals uptake and use of research in their daily practice.

Currently, Erna has been the Chair of the CIHR IMHA Knowledge Exchange Task Force for the past several years, and is also the Chair of the newly formed CIHR IMHA Partnership and Knowledge Transfer Committee. Erna became a board member of IMHA in September 2005.

Dr. Ian Graham is Vice-President of Knowledge Translation, Canadian Institutes of Health Research. Dr. Graham is on leave from his post as Associate Professor in the School of Nursing, University of Ottawa. He obtained a PhD in medical sociology from McGill University. Dr. Graham’s research has largely focused on knowledge translation (the process of research use) and conducting applied research on strategies to increase implementation of research findings and evidence-based practice. Specific projects have related to the adaptation, implementation, and quality appraisal of clinical practice guidelines, as well as the uptake of guidelines and decision support tools by practitioners. He has also studied researchers’ and health research funding agencies’ KT activities, the determinants of research use, and theories/models of planned change.

Dr. Jeremy Grimshaw received a MB-ChB (MD equivalent) from the University of Edinburgh, UK. He trained as a family physician prior to undertaking a PhD in health services research at the University of Aberdeen. He moved to Canada in 2002. His research focuses on the evaluation of interventions to disseminate and implement evidence-based practice. Dr. Grimshaw is the Director, Clinical Epidemiology Program, Ottawa Hospital Research Institute, Director, Centre for Best Practices, Institute of Population Health, University of Ottawa, Director, Canadian Cochrane Network and Centre, Tier 1 Canada Research Chair in Health Knowledge Transfer and Uptake, and is a Full Professor in the Department of Medicine, University of Ottawa as well as having a cross-appointment with the Faculty of Medicine’s Department of Family Medicine. He also spearheads the Knowledge Translation Canada (KT CANADA), a network of KT leading National and International interdisciplinary researchers, across six university settings, local hospitals, community agencies, and the Canadian Institutes of Health Research.

Liz Stirling trained as an occupational therapist (BSc) and also holds a Masters in Health Science (Health Administration) degree, both from the University of Toronto. She worked in spinal cord, stroke and pediatric rehabilitation programs before completing her graduate degree and then served as the Executive Assistant to the Chief Executive Officer of a community hospital in downtown Toronto. Ms. Stirling was the Legislative Assistant and Policy Advisor to the Ontario Minister of Health from 1985-1987 and she was Policy Advisor to the Ontario Chairman of Management Board from 1987-1988. She spent several years working as a government relations and communications consultant for Hill and Knowlton advising a wide range of private and public sector organizations including hospitals, non-governmental organi-
and serves as a member of the JCCA Editorial Board and as a peer reviewer to a number of journals. To date he has written over 20 scientific and clinical articles and 3 book chapters. Dr. Bussières was in full time practice from 1993 to 2002 and remained in part time practice until recently. He is full professor at UQTR and was program director of the chiropractic department between 2005 and 2008. He is currently on a two year leave of absence to undertake a PhD in Population Health at the University of Ottawa under Dr. Jeremy Grimshaw. The overall goal of his thesis project is to establish a scientific rationale for interventions to translate research findings into clinical practice. Dr. Bussières is on an admission scholarship and is the recipient of award papers from the European Chiropractic Union (ECU) and the Association of Chiropractic Colleges Educational Conference (ACC-RAC), National Board of Chiropractic Examiners.

Dr. André Bussières is a CMCC graduate (1991) and completed a BSc in Nursing in 1987 and an MSc in Kinesiology in 2008. He is a Fellow of the College of Chiropractic Scientists (Canada) and is a member of the JCCA Editorial Board and as a peer reviewer to a number of journals. To date he has written over 20 scientific and clinical articles and 3 book chapters. Dr. Bussières was in full time practice from 1993 to 2002 and remained in part time practice until recently. He is full professor at UQTR and was program director of the chiropractic department between 2005 and 2008. He is currently on a two year leave of absence to undertake a PhD in Population Health at the University of Ottawa under Dr. Jeremy Grimshaw. The overall goal of his thesis project is to establish a scientific rationale for interventions to translate research findings into clinical practice. Dr. Bussières is on an admission scholarship and is the recipient of award papers from the European Chiropractic Union (ECU) and the Association of Chiropractic Colleges Educational Conference (ACC-RAC), National Board of Chiropractic Examiners.

Dr. Allan Gotlib has been the Editor of the Journal of the Canadian Chiropractic Association, a peer-reviewed scholarly scientific publication, for the past 25 years. He is also the CCA Director of Research Programs and is the Assistant Secretary to the Canadian Chiropractic Research Foundation. Dr. Gotlib is a member of the World Association of Medical Editors, the American Medical Writers Association and the Canadian Pediatric Society. In 2002, he was elected to the Executive Committee for the Canadian Cochrane Network and Center. From 2003 to 2007, he was a member of the CIHR President’s Voluntary Sector Committee and also a bencher to the Law Society of Upper Canada. In 2007 he received the Canadian Chiropractic Association Medal of Merit, the highest award given by the profession in Canada and in 2007 he received the Homewood Professorship from the Canadian Memorial Chiropractic College.

Dr. Kent Stuber graduated from the University of Calgary with a BSc in Cellular, Molecular & Microbial Biology, received his DC from CMCC in 2002, and an MSc in Health and Social Care Research from the University of Sheffield in 2008. He is an Editorial Board member for JCCA and a peer reviewer for JMPT. He has published in numerous peer-reviewed journals including JMPT, JCCA, Chiro & Osteo, Clinical Chiropractic, the Journal of Chiropractic Medicine, and Journal of Chiropractic Humanities. He was recently appointed as Adjunct Research Faculty in CMCC’s Department of Graduate Education & Research. Dr. Stuber was the recipient of the CCA’s Young Investigator Award in 2008. He was also the co-recipient (with Dr. Allan Gotlib and Dr. André Bussières) of a CIHR peer-reviewed award to support the “Workshop to Advance the Canadian Chiropractic Research Agenda” and along with Drs. Gotlib and Bussières has spent two years surveying and commentating on the research capacity of the chiropractic profession in Canada. Dr. Stuber maintains full-time practice in Calgary, Alberta.

invited to work on a secondment basis for the Canadian Health Services Research Foundation. Upon her return, Liz was appointed Director of the CIHR Knowledge Synthesis and Exchange Branch until May 2008 when she was appointed Assistant Scientific Director of CIHR’s Institute of Musculoskeletal Health and Arthritis.

Dr. Liz Stirling graduated from the University of Ottawa with a BSc in 1987 and an MSc in Cellular, Molecular & Microbial Biology, received his DC from CMCC in 2002, and an MSc in Health and Social Care Research from the University of Sheffield in 2008. He is an Editorial Board member for JCCA and a peer reviewer for JMPT. He has published in numerous peer-reviewed journals including JMPT, JCCA, Chiro & Osteo, Clinical Chiropractic, the Journal of Chiropractic Medicine, and Journal of Chiropractic Humanities. He was recently appointed as Adjunct Research Faculty in CMCC’s Department of Graduate Education & Research. Dr. Stuber was the recipient of the CCA’s Young Investigator Award in 2008. He was also the co-recipient (with Dr. Allan Gotlib and Dr. André Bussières) of a CIHR peer-reviewed award to support the “Workshop to Advance the Canadian Chiropractic Research Agenda” and along with Drs. Gotlib and Bussières has spent two years surveying and commentating on the research capacity of the chiropractic profession in Canada. Dr. Stuber maintains full-time practice in Calgary, Alberta.