

Canadian Chiropractic Research Bulletin #3

CCA Research Committee Membership

Dr. Grayden Bridge	- Chair, CCA Research Committee/ CCA Board of Governors
Dr. Chris Beaudry	- CCA Board of Governors
Dr. Ron Carter	- Field Practitioner/ Chair, CFSR Fund Raising Committee
Dr. Guy Dubé	- President, Fondation Chiropratique du Québec
Dr. Allan Gotlib	- JCCA Editor/ CCA Research Programs Co-ordinator
Dr. Benno Nigg	- Public Representative
Mr. Costa Papadopoulos	- Manager, CCA Professional Affairs & Health Policy
Dr. David Peterson	- President, Chiropractic Foundation for Spinal Research/ CCA Board of Governors
Dr. Howard Vernon	- Chair, Consortium of Canadian Chiropractic Research Centers (CCCRC)
Dr. Zoltan Szaraz	- CCA Board of Governors



Dr. Grayden Bridge, DC

MEETINGS

Most recently, the Committee met on May 8, 1999 in Toronto in conjunction with a meeting held by the Chiropractic Foundation for Spinal Research (CFSR). What follows is an update of many of the initiatives undertaken by the Committee in addition to other recent

research activities. As Chair, I am pleased to report that many exciting opportunities are evolving and that both the quantity and quality of chiropractic research activities is increasing rapidly. The participation of the Committee members and their level of expertise will ensure that our realistic goals and objectives will be successfully met in both the short and long terms.

CCA RESEARCH PROGRAMS CO-ORDINATOR

As chair of the CCA Research Committee I want to bring your attention to the excellent work being done by Dr. Allan Gotlib, our Research Programs Co-ordinator. He has truly been the proverbial “straw that stirs the drink” of the very successful activities of the CCA Research Committee.

SCOTIABANK PROPOSAL

The Committee continues to explore the potential for partnering with the Scotiabank in support of chiropractic research activities in Canada. Most recently, Mr. Ed Barisa and Dr. Allan Gotlib met with Mr. Brian Holt to refine and wordsmith the finalized proposal that will be submitted to the Scotiabank's Sponsorship Committee. This ongoing process has seen both groups develop stronger bonds consistent with long term strategies that will serve the interests of both organizations. We are hopeful that an agreement in full support of chiropractic research will be reached this fall.

MRC PARTNERSHIP TRAINING AWARDS

As part of its research strategy, the CCA continues to develop stronger relations with the Medical Research Council of Canada. The MRC and government are recognizing the very large numbers of Canadians who access alternative and complementary approaches to health care, including chiropractic. Acquiring valid and reliable scientific evidence concerning efficacy and safety is extremely important. The Partnership Challenge Fund launched in 1998 enhanced Canada's health research capacity by co-funding with not-for-profit organizations. The overwhelming success of the program resulted in 34 Fellowships and 25 Doctoral Research Awards Canada wide. The CCA successfully partnered with the MRC in support of 2 Fellowships and 1 DRA in chiropractic research. The candidates

which successfully hurdled the MRC peer review process are:

Greg Kawchuk DC, PhD candidate, University of Calgary (\$45,300 per year) Faculty of Civil Engineering, McCaig Centre, with specialization in spinal biomechanics, pathology, and pain.

Jill Hayden DC, PhD candidate, University of Calgary (\$45,300 per year) Faculty of Medicine Department of Community Health Sciences, with specialization in clinical epidemiology, low back pain and children.

Annalyn Mercado, PhD candidate, University of Saskatchewan (\$19,530 per year) Institute for Health and Outcomes Research, Department of Psychology, with specialization in neck and back pain, motor vehicle collisions, and recovery.

This historic endeavour and the CCA's significant long term commitment to supporting Canadian chiropractic researchers will ensure the survival of our profession. The joint partnership program provides for a total of \$221,260 in support of the 3 awards. The CCA has internally partnered with CFSR and CCEB, and is most thankful for the commitment made by these organizations. Their contributions will have substantial impact in the near future. These awards were designed to create sustainable research and enduring researchers dedicated to **chiropractic** research in Canada.

MRC PARTNERSHIP PROGRAM

The MRC has announced a second invitation for national not-for-profit organizations to co-fund health science

researchers in areas of chiropractic research. The jointly funded partnership would again be on a dollar for dollar basis. The exciting addition for this cycle of awards is the Salary Award which has provisions for a **5 year commitment to support an investigator with an academic appointment in a Canadian university**. Information is on the MRC website (www.mrc.gc.ca) under "what's new". Many chiropractic organizations beyond the CCA are eligible partners, including the CFSR, CCEB, and the Fondation Chiropratique du Québec. The CCA has undertaken negotiating a Memorandum of Understanding with the MRC for this cycle of Awards in support of a Salary Award. This scholarship program initiative would allow for a researcher with a university faculty appointment to perform dedicated chiropractic research and will build enduring chiropractic research capacity. The "request for applications" will be tendered in late summer and the current deadline for the scholarship application is set for September 15, 1999. Check the MRC website in late July for any update.

CONSORTIUM/SYMPOSIUM

The 1st chiropractic research symposium held at the University of Calgary and organized by Dr. Walter Herzog was a tremendous success. Symposium 2000 is scheduled for November 3-5, 2000 at the UQTR. Dr. Felix Louis DC is the conference organizer and has already taken up the reins. Dr. Louis is the director of research at UQTR and is heading their organizational committee. The CCA will facilitate the 2nd symposium by sponsoring the event. The Consortium of Canadian Chiropractic

Research Centers (CCCRC) will host the event at the UQTR. Look for the Call for Abstracts which is expected shortly.

The CCA's sponsorship role clearly demonstrates the longstanding continuing commitment the CCA has made to supporting chiropractic research in Canada. The second event promises to be as successful and exciting as the first. Mark your calendars now!

RESEARCH CHAIRS

The CCA Research Committee and the Chiropractic Foundation for Spinal Research (CFSR) continue to explore the feasibility of establishing chiropractic research chairs in several universities in Canada. This endeavour requires substantial monies be available to support the necessary infrastructure. We are considering the establishment of endowment funds to ensure the permanency of such chairs and we welcome the participation of members of the profession in assisting the Committee and Foundation to realize this goal.

CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR)

The Federal Government has announced the creation of the Canadian Institutes of Health Research and at the same time has significantly increased federal funding of health research. The CIHR is expected to be in operation by the beginning of the fiscal period (April 1) of 2000-2001. An Interim Governing Council chaired by Dr. Henry Friesen, President of the MRC has been given the responsibility of implementing the CIHR proposal. The proposal is meant to be inclusive of the full range of health

research and will facilitate multidisciplinary initiatives in health areas that concern Canadians. This proposal envisions broadening the base of health research to include disciplines which have been traditionally under-represented. That's us.

The Public Policy Forum has made its recommendations regarding the governance model and legislation is expected by the fall. The exact Institutes that are to be created will be prescribed by regulation in a process to be determined by the Council of the CIHR. Council will consider a proposal for an Institute of Alternative & Complementary Medicine. The CCA will actively pursue this initiative at the most opportune time, probably in concert with a host of stakeholders. The most likely interest groups will be those who are currently part of the Health Canada Advisory Group.

The website is www.cihr.org and is very informative.

CFSR TRANSITION PLAN UPDATE

The Executive Committee of the Chiropractic Foundation for Spinal Research (CFSR) is composed of:

Dr. David Peterson (Alberta) – President
Dr. Ron Carter (Alberta) – Chair, Fund Raising Committee (FRC)
Dr. Martin Gurvey (Manitoba) - Chair Fund Allocating Committee (FAC)
Dr. Benno Nigg (Alberta) - Secretary
Dr. Rob Allaby (New Brunswick) - Treasurer

The FAC consists of:

Dr. Martin Gurvey (Manitoba)
Dr. Jeff Balon (Ontario)
Dr. Carlo Ammendolia (Ontario)
Dr. Reg Nicholson (Ontario)
Dr. Grayden Bridge (Alberta)

The FRC consists of:

Dr. Ron Carter (Alberta)
Dr. Rob Allaby (New Brunswick)

Dr. Allan Gotlib continues to facilitate the legal and procedural issues related successfully completing the transitional phases of the plan consistent with the Task Force on Chiropractic Research in Canada recommendations.

In similar fashion to the CCA, the CFSR is currently negotiating a Memorandum of Understanding with the Medical Research Council of Canada in support of the Scholarship Program Salary Award which has provisions for a **5 year commitment to support an investigator with an academic appointment in a Canadian university**. The award provides for \$50,000 per year plus fringe benefits and is structured on a co-funded dollar for dollar relationship for applicants above the MRC co-funded cut-off line and below the MRC's base budget capacity. Those successful applicants ranked above the MRC base budget capacity are 100% funded by MRC and in that event would therefore allow a second applicant to benefit in the co-funded agreement.

FONDATION CHIROPATIQUE DU QUÉBEC

The Fondation has a Board of 12 non-DC and 5 DC members. Under the leadership of Dr. Guy Dubé, the Fondation raised \$150,000 in the past

year and has set a goal of \$250,000 in the current year. The Fondation provides research and students grants and focuses its support on neurophysiology. Dr. Grayden Bridge, Chair of the CCA Research Committee, recently became a Governor of the Fondation.

The Fondation is also negotiating a Memorandum of Understanding with the Medical Research Council of Canada in support of the Scholarship Program Salary Award. This exciting initiative in concert with the CCA and the CFSR could conceivably support three chiropractic researchers in Canadian universities for a 5 year period.

The Fondation's website is www.fcq.qc.ca and is very informative.

HEALTH CANADA INITIATIVES

There are some milestone activities that Health Canada has recently initiated in the arena of non-traditional health care. For a few years now, governments have been collecting data and recognising the incredible increase in the demand and use of non-traditional health care. It is evident that major changes will be happening over the next few years.

Health Canada has initiated a study to explore the current status of non-traditional health care in Canada. This includes the very basic exercise of even defining what non-traditional health care is. Chiropractic will figure prominently in this study, and the CCA has been consulted and will participate in providing information. This preliminary study will form the baseline to initiate more detailed research projects down the road. The preliminary report is due in June, and York University has been

awarded the project through a call for proposals put out by Health Canada.

Over the last three years, the federal government has been studying "natural health products" through the Standing Committee on Health. The committee recently submitted 53 recommendations which were all approved by the Minister of Health. Amongst the next steps will be the creation of a new regulatory body which will regulate natural health products in a distinct way from drugs or foodstuffs. As well, the government will make millions of dollars available to research these products recognising the importance they now have in Canadian society.

In addition to research dollars being thrown into these non-traditional sectors, the federal government through its various branches is establishing working groups and committees to work on issues in non-traditional health care. One such group is the Advisory Group on Alternative and Complementary Therapies which is composed of leading experts across Canada who can be consulted for research issues, amongst other things. Dr. Jeff Balon, a chiropractor, is a member of this group.

Overall, it is clear that the federal government is now seriously examining the tremendous explosion of non-traditional health care in this country, of which chiropractic is a leader. We have seen the MRC offering grants to the chiropractic profession for the first time, committees which include chiropractors for the first time, wide-scale studies which are exploring chiropractic and which the government turns to our association for consultation, as well as a myriad of researchers developing great

interests in this area. This is an exciting time to be involved with non-traditional health care research, and it will only get much more interesting, with great opportunities in the horizon.

CCA RESEARCHER OF THE YEAR AWARD

The deadline for receipt of nominations and supporting documentation was June 1, 1999. The CCA Research Committee received many nominations and after considerable discussion made its recommendations to the CCA Board of Governors for their final approval. The 1999 CCA Researcher of the Year Award will be formally presented at the President's Reception in Toronto in November.

RESIDENCY PROGRAM

University Health Services at the University of Calgary has announced the establishment of a chiropractic residency program which consists of a unique clinician/researcher position that will see the successful candidate practice chiropractic in a leading multi-disciplinary environment in addition to participating in a university-based program of spinal research. The program is intended for post-graduate students at chiropractic colleges, college faculty who wish to upgrade their skills or exceptional new graduates who possess a distinct interest in research and multidisciplinary practice. Contact Dr. Greg Kawchuk DC, MSc at University Health Services, Chiropractic Residency Program, University of Calgary 2500 University Drive N.W. Calgary, Alberta, Canada T2N 1N4, tel: 403-220-5765 email: <kawchuk@mccaig.ucalgary.ca>

NATIONAL RESEARCH FUND

The CCA National Research Program continues to benefit from provincial monies donated in support of our national research strategies. These funds provide for very significant opportunities to build research capacity and as well as strategic alliances. The historic partnerships with the MRC are clear examples of such opportunities that will better position us to contribute to improving the health of Canadians. Continued provincial support is essential to leveraging additional resources through partnerships with federal agencies and many other stakeholders that will place chiropractic in the forefront and ensure long term growth. I want to thank all of the provinces and in particular, Alberta, British Columbia and New Brunswick, for their continued support of the CCA national program.

AWARDS

At the 1999 World Congress on Whiplash-Associated-Disorders the study entitled "Is a lifetime history of neck injury in a traffic collision associated with prevalent neck pain, headache and depressive symptomatology?" was awarded *Best Overall Paper*. This study on 1,100 Saskatchewan adults was conducted by Dr. Pierre Côté of the Institute for Work & Health in Toronto and , Dr. David Cassidy and Dr. Linda Carroll from the Institute for Health and Outcomes Research at the University of Saskatchewan. The results suggest that disabling neck pain and headaches are more common among individuals who have injured their neck in a car accident.

These researchers say that neck pain is an important public health problem because it disables 5% of the population between the ages of 20 and 69 years. Although a history of whiplash may be an important contributor to this problem, the authors warn that their findings cannot be used to conclude that whiplash directly leads to chronic neck pain and disability. You can correspond with Dr. Côté at <pcote@iwh.on.ca> or 416-927-2027 ext. 2161.

Dr. Greg Kawchuk has won the Surgical Dynamics Traveling Fellowship Award at this year's meeting of the International Society for the Study of the Lumbar Spine (ISSLS) in Kona, Hawaii. The Fellowship is intended to assist young researchers in extending their knowledge in spinal research. This award provides Dr. Kawchuk with a unique opportunity to participate in a collaborative project between Dr. Partap Khalsa of SUNY at Stonybrook and Drs. Cholewicki and Panjabi of Yale. At the ISSLS meeting, Dr. Kawchuk additionally received an honourable mention for his research work entitled "A non-invasive method of quantifying osseous motion within paraspinal tissue under externally applied loads" which was presented as a poster.

Dr. Martin Gurvey, Dr. Allan Daien, Dr. Ted Kurtas and Mr. Barry Draward have received the CCA Award of Service for their past commitments to the CFSR. These awards will be presented in November in Toronto.

At the 1999 World Chiropractic Congress in Auckland New Zealand, the study entitled "Effects of sacroiliac joint manipulation on quadriceps inhibition in patients with anterior knee

pain: a randomized controlled trial" was awarded the Scott Haldeman Award and WFC 1st prize in the international free paper competition for original research. This study was conducted at the University of Calgary by Dr. Esther Suter, and Dr. Walter Herzog, Faculty of Kinesiology, Dr. Gord McMorland DC, private chiropractor, and Dr. Robert Bray, Department of Surgery, University of Calgary. These researchers concluded that the results of this controlled double blind study suggest that the decrease in muscle inhibition in the knee extensor muscles observed after spinal adjustment of the SI joint are likely a direct result of the treatment performed. Thus, chiropractic manipulation of the SI joint might offer an interesting alternative in the treatment of patients with anterior knee pain and muscle inhibition. You can correspond with Dr. Suter at <suter@kin.ucalgary.ca>

The JCCA Award of Excellence acknowledges and more fully recognizes the contributions of authors, clinicians and researchers to advancing the scholarly literature of the profession. The relevant time period for this second cycle of awards includes the years 1996, 1997 and 1998. Awards to authors are given in each of the three categories:

- a. Original designed research (experimental/observational)
- b. Literature reviews (clinical/historical)
- c. Case studies/reports

In each category the award is presented to the author(s) of the paper "making a significant contribution to the knowledge base on which chiropractic rests". The committee of Dr. A. Grice, Dr. R. Gitelman and Dr. P. Côté served as an independent panel of raters, reviewing

48 papers and nominating 2 papers in each category. The Award recipients will be announced in the September issue of the JCCA and the presentation of the awards will be made at the CCA semi-annual meetings in November in Toronto.

WEBSITE UPDATE

The CCA has undertaken a major updating of its website. In concert with this initiative, the following organizations will become a part of the host: CFSR, JCCA, CCCRC and CRJEC. This will allow for more coordinated and enhanced exposure for chiropractic research activity.

CHIROPRACTIC RESEARCH JOURNAL EDITORS COUNCIL (CRJEC)

Member Journals/Editors

Chiropractic History(Dr. John Willis),

Chiropractic Journal of Australia(Dr. Mary Ann Chance & Dr. Rolf Peters),

Chiropractic Research Journal(Dr. Sarah Webster),

Chiropractic Technique(Dr. Dana Lawrence),

European Journal of Chiropractic(Dr. Simon Leyson),

Journal of Chiropractic Education(Dr. Robert Ward),

Journal of Chiropractic Humanities(Dr. Dana Lawrence),

Journal of Manipulative and Physiological Therapeutics(Dr. Dana Lawrence),

Journal of Sports Chiropractic and Rehabilitation(Dr. Dana Lawrence),

Journal of the Canadian Chiropractic Association(Dr. Allan Gotlib),

Journal of the Neuromusculoskeletal System(Dr. Bill Meeker),

Topics in Clinical Chiropractic(Dr. Robert Mootz),

Topics in Diagnostic Radiology and Advanced Imaging(Dr. John Stites).

The Chiropractic Research Journal Editors Council (CRJEC) was established in 1990 as a forum for chiropractic scientific editors to enhance standardization of scientific publishing practices. Its activities include setting standards for scholarly publications in the chiropractic scientific literature, enhancing the integration of chiropractic literatures into the international biomedical systems, including electronic databases, and disseminating the scholarly chiropractic literature to policy makers and decision makers to ensure that chiropractic knowledge gained through research is effectively utilized to improve health care practices and health policy. The group consists of the editors of the profession's leading scholarly journals. A recent grant from the **Canadian Chiropractic Protective Association (CCPA)** was made to support the continuing activities of this unique group of individuals. The CCPA has taken a leadership role in supporting the scientific chiropractic arena, by promoting the awareness of scholarship, as well as promoting safe, effective and competent practice through responsible journalism. This cannot be accomplished any other way than through peer reviewed publications. The support of the CCPA minimizes conflicts of interest, perceived apprehension of bias, and enhances the absolute need for scholarly journal editors to remain completely independent from political influence. The issue of Dr. George Lundberg, past editor of JAMA is a case on point. Scientific and scholarly journal editing requires shared expertise and mentoring currently unavailable through

any other means within the chiropractic profession.

The CRJEC is currently considering the feasibility of an Editors workshop on scientific writing immediately before Symposium 2000 at UQTR in November 2000. We will keep you posted on this workshop.

I am excited to report that Dr. Allan Gotlib, Editor of the JCCA is the Chair of the CRJEC and will continue to represent our interests internationally. The next CRJEC meeting is July 24, 1999 in Chicago during the RAC IV Conference.

JCCA APPOINTMENTS

Recent appointments to the Editorial Board of the Journal of the Canadian Chiropractic Association (JCCA) include:

Dr. Gabrielle van der Velde DC,
FCCS(C) Canadian Memorial
Chiropractic College

Dr. John Pikula, DC, DACBR,
FCCR(C), MSc, FCCS(C)

Dr. Herb Vear, DC, FCCS(C), FIIC

Dr. Esther Suter PhD, University of
Calgary

NEXT 6 MONTHS

We will be following very closely the CIHR process and legislative proceedings. The timing is right for an Institute of Alternative and Complementary Medicine with chiropractic providing the leadership role. The second cycle of MRC/CCA awards is very exciting and will further entrench chiropractic within the traditional university setting allowing for greater access to federal agency funding for chiropractic research. We will continue to explore all options for establishing a Center of Chiropractic Research Excellence in a Canadian university.

For further information contact Dr. Allan Gotlib, CCA Research Programs Coordinator at tel: 416-781-5656, fax: 416-781-0923, email: algotlib@ccachiro.org

This Bulletin is distributed to the Canadian chiropractic research community. (10/07/99)

SYMPOSIUM 2000

The Second Canadian Chiropractic Research Symposium is scheduled for November 3-5, 2000 at the UQTR. Dr. Felix Louis DC is the conference organizer and is heading the organizational committee. The CCA will facilitate the 2nd symposium by sponsoring the event. The Consortium of Canadian Chiropractic Research Centers (CCCRC) will host the event at the UQTR. Look for the Call for Abstracts which is expected shortly.

Contact: Dr. Felix Louis DC,
Director of Research, UQTR
tel: 819-376-5186 fax: 819-376-5204

The second event promises to be as successful and exciting as the first.

Mark your calendars now!

Consortium of Canadian Chiropractic Research Centers(CCCRC)

Institutional Participants(members)	Representative	Contact Information
1. Canadian Memorial Chiropractic College(CMCC) 1900 Bayview Avenue Toronto, Ontario M4G 3E6	Dr. Howard Vernon DC, FCCS Associate Dean, Research	Division of Graduate Studies and Research Tel: 416-482-2340 Fax: 416-482-9745 e-mail: hvernont@cmcc.ca
2. University of Waterloo Waterloo, Ontario N2L 3G1	Dr. Stuart McGill PhD Occupational Biomechanics And Safety Laboratories	Department of Kinesiology Faculty of Applied Health Sciences Tel: 519-885-1211 ext. 6761 Fax: 519-746-6776 e-mail: mcgill@healthy.uwaterloo.ca
3. Institute for Health and Outcomes Research Department of Physical Medicine & Rehabilitation University of Saskatchewan	Dr. J. David Cassidy DC, PhD, FCCS(C) Director of Research, Associate Professor	P.O. Box 108, Royal University Hospital Saskatoon, Saskatchewan S7N 0W8 Tel: 306-966-8198 Fax: 306-931-7765 email: cassidy@duke.usask.ca Web site: www.usask.ca/medicine/ihor
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8. Université du Québec à Montréal (UQAM) C.P. 8888 Succursale Centre-Ville Montréal, Québec H3C 3P8	Dr. Jean Boucher PhD	Département de kinanthropologie Tel: 514-987-3000 poste 4072 Fax: 514-987-6616 e-mail: boucher.jean_p@uqam.ca