



Canadian Chiropractic Research Bulletin

Bulletin #14

www.ccahiro.org

February 1, 2008

CANADIAN CHIROPRACTIC RESEARCH FOUNDATION

We are touching the lives of millions of Canadians when we support the chiropractors of excellence who are pushing the frontiers of chiropractic knowledge! Support our researchers by becoming a member in the CCRF.



Dr. Chris Martin DC
President
Delta, British Columbia



Dr. Rob Allaby DC
Chair of the Board
Fredericton, New Brunswick



Dr. Martin Gurvey DC
Secretary-Treasurer
Winnipeg, Manitoba



Dr. Eric Jackson DC
Chair, Fund Raising
Ottawa, Ontario



Dr. David Brunarski DC
Chair, Fund Allocating
Simcoe, Ontario



Dr. Ron Bodkin PhD
Public Representative
University of Ottawa

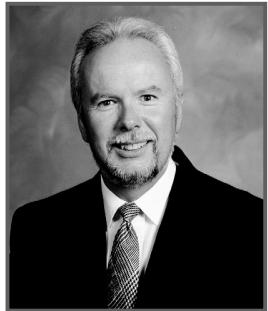


Dr. Allan Gotlib DC
Assistant Secretary
Toronto, Ontario



Dr. Dave Leprich DC
Chair, Membership Campaign
St. Catharines, Ontario

CCRF President's Message - Our research reality



Dr. Chris Martin DC
President, CCRF
British Columbia

Time to invest in research

Chiropractic research in Canada is blossoming. Our research capacity continues to grow and the diversity of research being conducted is expanding. The CCRF continues to envision the establishment of Chiropractic Research Chairs in every province and, as you can see, we are fast approaching our goal.

Our researchers no longer work in isolation; rather they are firmly entrenched at major universities in a highly co-operative, collaborative and inter-disciplinary setting. In addition, they are mentoring and training the next generation of Chiropractic researchers. These researchers, and the research they are producing, have garnered national and international recognition. In time their efforts will result in better health care for all Canadians and an enhanced credibility for the profession. The potential to be involved, in a meaningful way, in future health policy development is very real.

As you have read in Dr. Mangoni's remarks (*Bulletin #13*), a number of provincial associations have enrolled their membership in the CCRF. This has been done in support of either a Professorship or Chiropractic Research Chair in their jurisdiction that is already established, or that is in negotiation. The most recent example of this is the recent commitment made by the Chiropractic Association of Saskatchewan. They voted to set aside \$55,000 per year, for the next five years, towards the establishment of a Research Chair in Saskatchewan. This will provide \$275,000. Presently they have \$50,000 in a CCRF restricted fund and so they will have committed \$325,000. The cost of a Research Chair is approximately \$500,000; this then leaves a short fall of \$175,000. It is the task of the CCRF to find the necessary funding to fill this funding gap.

Our dilemma is, despite the recent addition of all the members from British Columbia, Manitoba, New Brunswick and Nova Scotia; the funds obtained from these new members are restricted for specific purposes, and cannot be used elsewhere. We continue to look for outside sources of funding, be it provincial or federal programs, or from the corporate sector. We have recently developed new strategies and action steps in conjunction with the CCA Research Committee to address our funding issues. This process will take time; in the meantime we want to appeal to you to join the CCRF as an individual member. If

every Chiropractor in Canada joined the CCRF, at \$125.00 per year, we would have over \$700,000 at our disposal on an annual basis. This would not only solve our funding shortfall, it would put us in a position to fund other original research projects of merit. Think of the potential!

To those of you who are already members you have my sincere appreciation and thanks. I hope that you will encourage your fellow colleagues to join us, as we move forward towards enhanced credibility and helping Canadians live healthier lives by:

- Informing the public about the benefits of Chiropractic care.
- Promoting the integration of Chiropractic into the health care system.
- Facilitating Chiropractic Research.

This profession has always stepped up to the plate in time of need, to ensure its survival. This is one of those times; we need your support. Research really lies at the foundation of both the CCA's and CCRF's vision. Lets bring that vision to reality.

CCRF Provincial Representatives

Each of the Foundation's Provincial Representatives is a dedicated and highly committed trailblazer.

You can be an important part of our goals and mission by becoming a CCRF member, or by fundraising activities or getting your patient's involved in the Foundation. Contact your representative and be a part of the profession's future.



Dr. Chris Martin - BC
clmchiro@dccnet.com



Dr. Dave Peterson - AB
davidep@telusplanet.net



Dr. Rob Kitchen - SK
chicent2



Dr. Stephan Cooper - MB
scooper8@mts.net



Dr. Dean Wright - ON
wright2270@rogers.com



Dr. Guy Beauchamp - PQ
fondation@chiropratique.com



Dr. Patrick Milroy - NS
milroy@eastlink.ca



Dr. Frank Mangoni - NB
mmfm@nb.sympatico.ca



Dr. Vince Adams - PEI
vadams@pei.aibn.com



Dr. Deb Brake-Patten - NF
dbrakepatten@persona.ca

CCA Research Committee members for 2008



Dr. Frank Mangoni
Chair
CCA Research Committee

Dr. Frank Mangoni (NB)
Dr. Deb Brake-Patten (NF)
Dr. John Corrigan (SK)
Dr. Richard Giguère (PQ)
Dr. Vince Adams (PEI)

With the start of a new year, the CCA Research Committee is preparing to face the many challenges ahead. I am fortunate to be working with very dedicated and experienced committee members such as Dr. Vince Adams (PEI), Dr. Debbie Brake-Patten (NF), Dr. Richard Giguère (QC) and Dr. John Corrigan (SK).

Important initiatives for 2008 include attempting to establish Chiropractic Research Chairs in both Atlantic Canada (Dalhousie) and Saskatchewan. There has been tremendous support for these projects both through increased CCRF membership and financially through the various Chiropractic Associations involved. At this time, there are still some barriers to overcome before these projects are complete. I, however, am confident that the committee will work hard to ensure a positive outcome.

In 2008, the CCA Research Committee will also attempt to promote our current chiropractic researchers and their work both nationally and internationally. These individuals are a true asset to our profession and the success of our research program serves as a template for similar programs around the world.

The Committee will also work towards establishing a viable system in which our Researchers may network with each other and share valuable information, greatly aiding in the advancement of Chiropractic Research in Canada.

As always, the members of the CCA Research Committee welcome your input. We invite you to contact us at anytime. We look forward to another successful year in 2008.

CCRF's 1st Platinum Member



Dr. Gilles Lamarche DC
President
College of Chiropractors of Ontario
Timmins, Ontario

Why is research important?

Even though we have been an active profession since 1895, research into chiropractic remains in its infancy. Imagine being able to understand the exact physiological and neurological mechanisms that are facilitated with every adjustment. How would that impact your certainty, your ability to communicate the necessity of care to your patients and potential patients?

How would that serve to silence our detractors who continue to say that chiropractic is ineffective, a fad, a cult, a system without substance? After 25 years of clinical practice, adjusting patients of all ages and seeing miracles happen right before my eyes, I am still unable to answer many questions that are asked of me. I know with certainty that chiropractic works, we get fabulous results and help countless people live healthier more complete lives. I could choose to give you examples of some of these people, only to be told that my stories are anecdotal at best.

If you could explain exactly why what you do works, and why patients not only experience relief from chiropractic, but why they heal and are able to return to a normal fully functioning lifestyle, there would be no need to sell chiropractic. For years I worked at convincing people of the value of chiropractic care, and succeeded often because of my conviction and passion. When research proves what my patients and yours have experienced is valuable and why it is so, people will be flocking to chiropractic doors all over the world. This is what research can offer you the DC, the future of chiropractic and the future health of our world. Anecdotal information and miracle success stories are no longer adequate when describing the success of chiropractic. The public expects more of us and deserves more. We are a sick nation and chiropractic has the answers to much of what ails us. Please accept our invitation to become more supportive of chiropractic research. Every research dollar gets us closer to the dream of proving the ultimate value of chiropractic care so more people get the opportunity to experience its effectiveness for overall health and well-being. Choose to invest at least one visit per week into research. You will be glad you did.

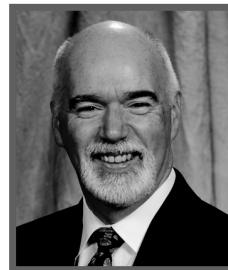
Two New CCRF Gold Members



Dr. Richard Gehrke DC
President
The Canadian Chiropractic Association
Rocky Mountain House, Alberta

The last number of years has seen the CCA concentrate on pursuing credibility for the profession. Clearly our profession does not enjoy the level of cultural authority as does the legal and medical communities for example. Fair or not, we are still paying our professional maturation dues and our best currency to date has been development of a research culture within our profession. This will pay huge dividends over the coming years in terms of validating both our clinical and educational claims. There are many causes worthy of contribution both professionally and in the broader community but every single chiropractor in Canada should be a member of the CCRF.

These would be dollars spent that would truly make a positive difference to our profession.

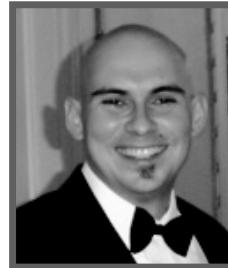


Mr. Jim Duncan
Executive Director, CCA
Toronto, Ontario

I have been able to benefit from chiropractic care as a patient, usually with immediate relief from symptoms. Unlike most patients, however, I am also an employee of the profession which allows me a unique insight into its principals and operations. Over the years I have been exceptionally impressed by the conviction practitioners have for their calling as well as the strides chiropractic has made

relative to its resources, both human and financial. Research is the key to breaking down institutional barriers and removing artificial restrictions unfairly and inappropriately placed on chiropractic patients. We need and must move our health care system in Canada towards wellness and prevention. Chiropractic is best placed at this vanguard of change. Research, whether of a pure nature at universities or applied such as clinical practice guidelines, moves all of us, practitioners and patients alike, towards a future characterized by improved levels of health and understanding. In light of this goal, I am honoured to support chiropractic research in Canada.

Two Presidential Views



Dr. David Peeace
Past President
Chiropractors' Association of Saskatchewan

We recently had the privilege of celebrating 100 years of chiropractic in Saskatchewan. At the celebration our key note speaker, Dr. Scott Haldeman entertained and enlightened us on the rich history of chiropractic research in Saskatchewan. This reminded me of the pride I felt as a chiropractic student while in Portland, Oregon hearing of the ground breaking research coming out of Saskatchewan. Few of my fellow students could point on a map where I was from but certainly knew of the studies that were coming out of the University of Saskatchewan. This research opened doors for our profession and gave us as field practitioners, opportunities that we often take for granted. I, like many of our profession, often take this for granted and forget that much of our credibility and positive perception comes from research. In the future as health care dollars become more squeezed, only the professions that have strong supportive research will be able to vie for these limited resources. In a world where information is at our fingertips, our patients are also making more informed decisions regarding their

health and wellness. When patients ask questions of us, we can no longer tell them that chiropractic just works and to trust us, we must be able to back up with research why we do what we do. In our maturation as a profession, it is no longer good enough just to use research; now we must be supporters as well.



Dr. David J. Brunarski, DC, MSc,
FCCS(C)
Vice President, Ontario
Chiropractic Association
CCRF Chair, Fund Allocating
Committee

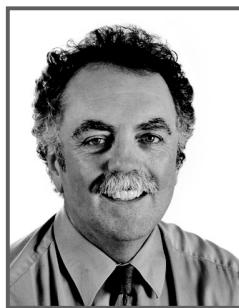
My first encounter with chiropractic research occurred when Dr. Ron Gitleman 'volunteered' my services to co-edit CMCC's Chiropractic Research Archives Collection in the late 1970's. Most of what was referenced as chiropractic evidence we readily adopted from the scientific literature. Anything that even obliquely related to chiropractic in terms of spinal biomechanics, the neurosciences surrounding pain modulation, somato-visceral effects, double crush phenomena, etc. was absorbed into the chiropractic lexicon of the time. That was our best scientific support and it opened many doors for the profession in Canada and abroad.

Today, many of the most frequently cited articles in the respected peer reviewed scientific journals have chiropractors as first or contributing authors. Our chiropractic researchers are now conducting the kind of original research that has long been requested. However, this has been a very difficult undertaking. There are still too few doctors of chiropractic who hold PhD's. Further, all such chiropractic researchers have made significant personal sacrifice and faced financial hardship. The reality is that there continues to be too little funding available to secure ongoing facilities, salaries and university positions for our chiropractic researchers.

The Ontario Chiropractic Association with the support of its membership has helped to fund chiropractic university chairs for Dr. Greg Kawchuk and Dr. Mark Erwin. Health services delivery research funding supports Dr. Silvano Mior's musculoskeletal primary care collaboration study and Dr. Deborah Kopansky-Giles' integrated care project at St. Michael's Hospital.

The Ontario Chiropractic Association believes that support for research will result in wider understanding and adoption of chiropractic within Ontario.

CCRF Membership Drive Update



Dr. Dave Leprich
Chair

CCRF Membership Campaign

Several months ago, I was asked to assist the CCRF. Specifically, I was asked to help increase the level of participation in chiropractic research by the profession at large through increased membership in the CCRF. While gathering information to help direct this project, two things became abundantly clear. On the negative side, to quote baseball

luminary, Yogi Berra, Canadian chiropractors have "staid away in droves". Of more than 6,000 DC's in Canada, fewer than 65, or slightly more than 1%, were CCRF members. It wasn't initially clear if this dismal statistic was the result of seemingly insurmountable apathy about research amongst my colleagues, or a simple lack of awareness about the CCRF and the incredible work being done. On the positive side, the hard work and commitment of a few dedicated chiropractors has blossomed into a comprehensive research program now involving dozens of highly skilled and qualified chiropractors. The information included in the previous bulletin provides highlights of our current research program and showcases some of the talented people who have made this program the great success that it is.

At the forefront of our program, we have established five university based research chairs, with more in development at this time. Having chiropractors installed in these positions has an immeasurable positive effect on the profession. These chiropractors are in a position to design research projects directly related to their areas of expertise and then call upon the resources of the university hosting their position to complete the research. The end result is information that will support much of what we are doing clinically as chiropractors and will help point to new directions for the profession. A more immediate benefit is the huge boost in credibility the profession receives. The more fiercely independent members of our profession will downplay the importance of this enhanced credibility and maintain that as a standalone profession, we don't need approval from anyone. However, most members realize that continued isolation will limit our potential to advance chiropractic. The visibility of the research chairs and the quality of the work being done are among the most positive forces acting to ensure that more Canadians have access to the benefits of chiropractic. The research chairs, however, are only the spearhead of our research program.

The previous bulletin provided details of a whiplash trial valued at more than \$2 million. In 2007 more than 100 papers have been submitted for review or have already been

published. These include such pertinent topics as "Postural control in people with osteoarthritis of the cervical spine", "Diagnosis and management of functional femoral neuropathy", "Specificity, sensitivity, and predictive values of clinical tests of the sacroiliac joint" and "Neural control of superficial and deep neck muscles in humans." These are all topics directly related to clinical chiropractic. To produce this information requires a sizeable workforce, something we have not had access to until recently.

In addition to those who are serving as research chairs, there are many others involved at various stages within the program. In addition to our two new PhD's, Drs. Quon and Wynd, we have four PhD candidates. Drs. Burnie and Stuber have been awarded their Masters degrees and we have an additional nine Masters candidates. Each of these doctors of chiropractic are actively involved in high level research. Each chose early on to pursue research either as an exclusive full time career or in conjunction with clinical practice. Knowing that our future researchers will likewise be derived from within the profession, it is entirely possible that many of you may decide to investigate this for your own careers. While I would applaud and encourage anyone who has the talent and dedication to do this, there is a way each of us can contribute directly to the program today.

One of the declared goals of the CCRF is to establish a university based Chiropractic Research Chair in every province. As the cost of creating and supporting each Chair or Professorship is \$500,000.00, this is a huge undertaking. That makes our current position seem even more remarkable. We are half way there! The best way we as a profession can help to see this goal met is to become CCRF members. One of the declared goals of our membership campaign is to have all of Canada's 6,000 chiropractors become CCRF members. I suppose the good news is that since we were a mighty 65 strong when this program commenced, there was nowhere to go but up. The program and the reasons you should consider participation have been outlined in a pamphlet sent to each CCA member, an article in the JCCA and an article in the current issue of Canadian Chiropractor. In addition, the need for support from the profession and the potential return for chiropractic and our patients have been publicized in CCRF research bulletins and at provincial and national meetings. The results to date have been rather dramatic.

In a nutshell, we have gone from 65 CCRF members to more than 1,200. While credit for this tremendous start to our campaign can be shared amongst all involved in performing and directing the research as well as those who have helped to create and promote the culture of chiropractic research, something interesting is happening. It seems the provincial associations have taken the task to heart and are signing up their members en masse:

New Brunswick joins CCRF

In September, every chiropractor in New Brunswick became an active voting member of the Canadian Chiropractic Research Foundation. The CCRF gained 56 new members, including the new Executive Director for the New Brunswick Chiropractors' Association. The entire Board of the NBCA is to be commended for their exemplary leadership. Special acknowledgement goes to Dr. Norm Skjonsberg (President NBCA) and Dr. Rob Allaby (CCRF President) for tremendous effort in making this a reality.

Congratulations to New Brunswick and Atlantic Canada!

Nova Scotia joins CCRF

At the Annual General Meeting of the Nova Scotia College of Chiropractors in October, every chiropractor in Nova Scotia became an active voting member in the CCRF and we added 104 new members. The entire Executive of the NSCC has demonstrated tremendous leadership on this issue. Special acknowledgement goes to Dr. Patrick Milroy (CCRF Provincial Representative), Dr. Jason Plotksy (then President NSCC Council), Dr. Ian Culbert (then Vice-President NSCC Council), Dr. Laurel Cowie (Chair NSCC Board), Dr. Rob Allaby (Chair, CCRF), Dr. Frank Mangoni (Chair, CCA Research Committee) and Mr. John Sutherland (Executive Director, NSCC).

Congratulations to Nova Scotia and Atlantic Canada!

Manitoba joins CCRF

Our next CCRF Professorship is set to be announced at the University of Manitoba in Winnipeg. Understanding the value of this position, as of January 1, 2008 every chiropractor in Manitoba became an active voting member of the CCRF. Manitoba's 240 chiropractors have invested in this CCRF Professorship and the University of Manitoba by partnering with the government (Manitoba Health). The entire MCA Board and in particular, Dr. Greg Stewart, Dr. Rob Palaschuk, Ms Pam Wylie, Dr. Martin Gurvey, Dr. Sony Canteenwala, Dr. Darell Minuk, Dr. Ernie Miron, and Dr. John Toth are acknowledged for their leadership and efforts.

Congratulations Manitoba!!

British Columbia joins CCRF

In November, 872 British Columbia chiropractors became active members of the CCRF. Their membership supports the "CCRF Professorship in Spine Biomechanics and Hu-

man Neurophysiology" housed in the School of Human Kinetics at the University of British Columbia. The members of the BCCC and BCCA Boards and on their behalf at that date Dr. Brad Dickson, Dr. Doug Alderson, Dr. Jim Cooper, Dr. Blake Cameron and Drs. Allan Gotlib and Don Nixdorf, are to be commended for their extraordinary determination and exemplary leadership. Congratulations British Columbia!

British Columbia, Manitoba, New Brunswick and Nova Scotia have taken the position that a strong research program is vital to secure the future of the profession. For those of us who reside in other regions, the decision to do this is no less important. I would like to acknowledge two individuals who have made this decision in a very big way.

Dr. Richard Gehrke DC

At the outset of our membership campaign, we received a very pleasant surprise. Dr. Richard Gehrke, CCA President, of Rocky Mountain House, Alberta, called to inquire about making a contribution. Understanding the value of research for his patients and for the profession, he was interested in providing a level of support beyond the customary \$125 CCRF membership. Dr. Gehrke demonstrated his level of commitment by pledging to contribute a significant monthly donation for 5 years. Congratulations to Dr. Gehrke!

Dr. Gilles Lamarche DC

All who have met and or worked with Dr. Lamarche, and I include myself in that number, know that he is a passionate and tireless advocate for the profession. He also understands that telling the story about the incredible positive impact we as chiropractors can have on the lives of Canadians is no longer enough. As the profession grows and matures, we need to move beyond anecdotal reports of our success stories. Dr. Lamarche knows that research driven by chiropractors integrated within the university system is already bearing fruit in terms of evidence of the efficacy of our unique service. He has demonstrated his passion for chiropractic and his commitment to our future by becoming the first platinum member of the CCRF. Congratulations to you, Dr. Gilles Lamarche!

Membership in the CCRF costs \$125.00. This tax deductible contribution helps the CCRF oversee and coordinate this extensive research program. If you agree that we must maintain our efforts, you can very easily join those who have demonstrated their commitment. Contact your CCRF provincial representative or Dr. Allan Gotlib (algotlib@ccachiro.org) to make a tax-deductible contribution to CCRF.

CCRF is now focused on establishing a Professorship in Atlantic Canada, and also Saskatchewan and we need your help to make this investment a reality.

Invest in us and invest with us. Let's engage tomorrow's challenges today!

The CCRF gratefully acknowledges those who donate time and make financial contributions to the CCRF. Canadians benefit tremendously from each contribution.

CCRF FOUNDING MEMBERS

- Dr. Ronald Henderson Collett (MB)
- Dr. Terry Alan Watkins (NS)
- Dr. Edward Allan Hawkins (MB)
- Dr. John Kenneth Bloomer (MB)
- Dr. Walter Joseph Savickey (MB)

CCRF HONOURARY MEMBERS

- Dr. Rick Corbett (MB)

CCRF ACTIVE MEMBERS 2007/2008

British Columbia

Gold Member

- Dr. Joseph Simmons

Silver Members

- Dr. Brent Willox
- Dr. Michael Vipond
- Dr. J. Blake Cameron

Bronze Members

- Dr. Ron Warkman
- Dr. Jen Walraven
- Dr. Richard So
- Dr. John Sheu
- Dr. Irene Pennimpede
- Dr. Shannon Paul
- Dr. Michael Newberry
- Dr. Shannon Miller
- Dr. Larry Merritt
- Dr. Heather McLeod
- Dr. Chris Martin
- Dr. Davis Lindsay
- Dr. Larry Kinakin
- Dr. Larry Kientz
- Dr. Alan Irving
- Dr. Brian Ross Hoshizaki
- Dr. Robert Hasegawa
- Dr. Dale Forsythe
- Dr. Richard Cronk
- Dr. Doug Brandvold

Alberta

Gold Member

Dr. Richard Gehrke

Silver Member

Dr. Shannon Wandler

Bronze Members

Dr. Ken Zachkewich
Dr. Shannon Wandler
Dr. Roger Smith
Dr. Les Shaw
Dr. Travers Roy
Dr. David Peterson
Dr. Gord McMorland
Dr. Bob Kariatsumari
Dr. Les Davidson

Saskatchewan

Bronze Members

Dr. Dwight Vallee
Dr. Ivan Rostotski
Dr. Mark Labrecque
Dr. Robert Kitchen
Dr. J. Ken Goldie
Dr. John Corrigan

Manitoba

Bronze Members

Dr. Ken Wilson
Dr. Kathryn Tessier
Dr. Mark Perrett
Dr. Stephan Cooper

Nova Scotia

Bronze Members

Dr. Terry Watkins
Dr. Jason Plotsky
Dr. Patrick Milroy
Dr. Wanda MacPhee
Dr. Ward MacDonald
Dr. Andrew Kleinknecht

New Brunswick

Bronze Members

Dr. Norm Skjonsberg
Dr. Guildor Poitras
Dr. Todd Clayton
Dr. Simon Clark
Dr. Robert Allaby

Newfoundland & Labrador

Bronze Members

Dr. Debbie Brake-Patten

Ontario

Platinum Member

Dr. Gilles Lamarche

Gold Member

Mr. Jim Duncan

Silver Members

Dr. Deborah Kopansky-Giles
Dr. Susan Joshi
Dr. Allan J. Gdanski

Bronze Members

Dr. Zoltan Szaraz
Dr. Dean Wright
Dr. Bryan Wolfe
Dr. Kathy Wickens
Dr. Gabrielle van der Velde
Dr. Jay Triano
Dr. Natalya Telenchenko
Dr. Dean Summers
Dr. Andrew Somogyi
Dr. Harald Simon
Dr. Tim Peloso
Dr. Lynette Nissen
Dr. Dennis Mizel
Dr. Don Millar
Dr. Cecil McQuoid
Dr. Marion McGregor
Dr. Kevin Mahoney
Dr. Edward Mah
Dr. Dave Lovsin
Dr. David Leprich
Dr. Bruce Kleinknecht
Dr. Dirk Keenan
Dr. Eric Jackson
Dr. Allan Gotlib
Dr. Richard Goldford
Dr. Jon Gatten
Dr. Peter Emery
Dr. Tracy Drynan
Dr. James DiGiuseppe
Dr. Ivone De Marchi
Dr. Jason Busse
Dr. Luke Boudreau
Dr. Ron Bodkin PhD
Dr. Kelli Blunt
Dr. Liz Anderson-Peacock
Dr. Emily Andersen

Provincial Association Memberships



Manitoba Chiropractors' Association

Dr. Andrew Ainley
Dr. James Aldridge
Dr. John Alevizos
Dr. Deborah T. Allen
Dr. Donald Robert Allen
Dr. Aaron Armstrong
Dr. Asim Ashique
Dr. Glenn Bailey
Dr. Brian Baizley
Dr. Russell Baron
Dr. Cornel Blatz
Dr. Karen Boden
Dr. Janelle Bohemier
Dr. Joel Bohemier
Dr. Rolly Bohemier
Dr. John Borley
Dr. Mario Bovino
Dr. Kerri Brooker
Dr. Brad Budolowski
Dr. Terry Bulitz
Dr. Danielle Burtch
Dr. Sohrab Canteenwala
Dr. Christine Capitano
Dr. Eugenio Capitano
Dr. Brett Carter
Dr. Kim Castle
Dr. Michael Cembroski
Dr. Bob Chalaturnyk
Dr. Kelly Chale
Dr. Gerald Chartier
Dr. Christian Chatzoglou
Dr. Manish Chaudhari
Dr. Daniel Chenier
Dr. Jacqueline Chenier
Dr. Patrick Chenier
Dr. Dennis Chester
Dr. Parmvir Singh Chohan
Dr. Arnold Cohn
Dr. Ron Collett
Dr. Stephan Cooper
Dr. Rick Corbett
Dr. Cheryl Dahl
Dr. Alan Daien
Dr. Myron T. Dalke
Dr. Kimberly Mah-Dalke
Dr. Tamra Lynn Daye
Dr. Michael DeJong

Provincial Association Memberships

Dr. Paul Kisil
 Dr. Kevin Kitt
 Dr. Sam Klack
 Dr. Scott Klassen
 Dr. Christopher Kluke
 Dr. John Kobelka
 Dr. Alain Kolt
 Dr. Gregory Kos
 Dr. John Kos
 Dr. Scott Kowal
 Dr. Mark Kowalcuk
 Dr. Timothy Kowalszyn
 Dr. Paul Kowall
 Dr. Gerry Kremer
 Dr. Lisa Kresz
 Dr. Ann Krzyzelewski
 Dr. Michael Kucheravy
 Dr. Tricia Kucheravy
 Dr. Ted Kurtas
 Dr. Steven Lambos
 Dr. Richard Laurencelle
 Dr. Denise Lavergne
 Dr. Patrick Lavigne
 Dr. Eric Leader
 Dr. Brian Lecker
 Dr. Ian Ledger
 Dr. Lueyjo Brandan Lee
 Dr. Jessica Stuart Lee
 Dr. Kristin Lemon
 Dr. Natalie Leonard
 Dr. Howard Leslie
 Dr. Gerald Lopez
 Dr. Sharon Lutzer
 Dr. Heather McLeod
 Dr. Gary Malenchak
 Dr. Henri Marcoux
 Dr. Ken Marshall
 Dr. Sharon Marshall
 Dr. Al Martin
 Dr. Brian McWhirter
 Dr. Brian Mestdagh
 Dr. Robert Mestdagh
 Dr. Terry Michalyshyn
 Dr. Darrell Minuk
 Dr. Gilbert Miranda
 Dr. Ernie Miron
 Dr. Lloyd Moorhead
 Dr. Richard Moorhead
 Dr. Kim Moran
 Dr. Guy Morin
 Dr. Scott Morrow
 Dr. Bill Mulhall
 Dr. Garry Murray
 Dr. Charlie Naccarato
 Dr. Harold Nachtigall
 Dr. Bruce Naherniak
 Dr. Scott Naherniak

Dr. Bruce Narvey
 Dr. Neil Neary
 Dr. Ben Neufeld
 Dr. David Newham
 Dr. Gerald Olin
 Dr. Irene Oliviero
 Dr. Darin Orr
 Dr. Greg Palaschuk
 Dr. Robert Palaschuk
 Dr. Gord Partridge
 Dr. Keith Pearch
 Dr. Rosalie Pelissier
 Dr. Mark Perrett
 Dr. Timothy Pethrick
 Dr. Lori-Ann Petrilli
 Dr. Mike Plueschow
 Dr. Clark Podaima
 Dr. Henry Pops
 Dr. Curtis Possia
 Dr. Paul Pritchard
 Dr. Ali Raizman
 Dr. Dan Redhead
 Dr. Jacqueline Rempel
 Dr. Dan Roch
 Dr. Richard Rosenberg
 Dr. William Rothman
 Dr. Gord Rust
 Dr. Peter Rutherford
 Dr. Michelle Sanders
 Dr. Evangelos Sarlas
 Dr. Dan Schaeffer
 Dr. Ron Scherr
 Dr. Lawrence Schledewitz
 Dr. Gerard Scott-Herridge
 Dr. Angele Seguin
 Dr. Jeff Seney
 Dr. Sean Shapiro
 Dr. Raymond Shupena
 Dr. Joginderdeep Sidhu
 Dr. Garry Specht
 Dr. Doug Starodub
 Dr. Neil Stedman
 Dr. Greg Stewart
 Dr. Marshall Stewart
 Dr. Alan Stitt
 Dr. Gerald Stitt
 Dr. Robert Stitt
 Dr. Suzanne Stockmann
 Dr. Tim Stuart
 Dr. Gregory Swenarchuk
 Dr. Mark Symchych
 Dr. Richard Tapper
 Dr. Carlos Tavares
 Dr. Perry Taylor
 Dr. Kathryn Tessier
 Dr. Daniel Therrien
 Dr. Richard Thiessen

Dr. Rod Thompson
 Dr. Troy Thornton
 Dr. Darrin Thorvaldson
 Dr. Daniel Timmerman
 Dr. Gerald Tole
 Dr. E. Audrey Toth
 Dr. John Toth
 Dr. Cheri Totté
 Dr. Brent Van Den Bussche
 Dr. Marlin Vandermeulen
 Dr. Denise Vicari
 Dr. Wendy Seed Voyer
 Dr. David Voyer
 Dr. Kevin Walterson
 Dr. Jennifer Ward
 Dr. Dawn Watkins
 Dr. Neal Watkins
 Dr. Ronald Weihs
 Dr. Vaughn White
 Dr. Danella Whittaker
 Dr. Jason Whittaker
 Dr. Kevin Wiebe
 Dr. John Wiens
 Dr. Dan Wilson
 Dr. Ken Wilson
 Dr. Trevor Winzosi
 Dr. Cary Yurkiw
 Dr. Richard Zink
 Dr. Oleh Zmiyiwsky
 Dr. Robert Zurbyk

Dr. Maurice Cormier
 Dr. Alison Delicaet
 Dr. Jennifer Drake
 Dr. Majorie Duguay
 Dr. David Forgie
 Dr. Elizabeth Forgie
 Dr. Hermile Gagnon
 Dr. Paul Gautreau
 Dr. Stephen Gillis
 Dr. Lynn Glazier-Goldie
 Dr. Rene Hache
 Dr. Bruce Hayhoe
 Dr. Mathieu Hebert
 Dr. Erik Klein
 Dr. Aaron Johnston
 Dr. Glenn Johnston
 Dr. Mark Kenney
 Dr. Brett LeBlanc
 Dr. Francois LeBlanc
 Dr. Jean-Luc LeBlanc
 Dr. Mark LeBlanc
 Dr. Michel LeBlanc
 Dr. Joy Levere
 Dr. Pierre Levesque
 Dr. Trisha Lilly
 Dr. Lisa Lurette
 Dr. Peter Magee
 Dr. Marie-Josee Maillet
 Dr. Paul Martin
 Dr. Frank Mangoni
 Dr. Anne-Marie Ouellette
 Dr. Guildor Poitras
 Dr. Martin Pollack
 Dr. Shelley Quinlan
 Dr. Marie-France Racine
 Dr. Kathleen Randall
 Dr. Wayne Redstone
 Dr. Robert Richmond
 Dr. Luc Ringette
 Dr. Louis-Marcel
 Robichaud
 Dr. Marie-Josee Robichaud
 Dr. Yves-Martin Robichaud
 Dr. Mikael Savoie
 Dr. Jeffrey Sheppard
 Dr. Norm Skjonsberg
 Dr. Pearl Skjonsberg
 Dr. Keli Spencer
 Dr. Alanna Steiner
 Dr. Mohamed El-Bayoumi PhD



New Brunswick Chiropractors' Association

Dr. Rob Allaby
 Dr. Michel Aucoin
 Dr. Meghan Barrett
 Dr. Christopher Battis
 Dr. Caroline Benoit
 Dr. Caroline Berthelot
 Dr. Bruce Bitting
 Dr. Michel Blanchette
 Dr. Simon Clark
 Dr. Todd Clayton
 Dr. Scott Cook



Nova Scotia College of Chiropractors

Dr. Scott Anderson
Dr. Kate Arnold
Dr. Marc Baker
Dr. James Barrett
Dr. Catherine Bartlett
Dr. Mark Bodnar
Dr. Krista Borrowman
Dr. Leanne Camp
Dr. Peter Carey
Dr. Sharon Carter
Dr. Gary Cere
Dr. Joanna Christianson
Dr. Dena Churchill
Dr. Shannon Coffin
Dr. Fred Corkum
Dr. Laurel Cowie
Dr. Ian Culbert
Dr. Charles Daniels
Dr. Anne Desneiges
Dr. Lorna Deveau
Dr. Lisa Dickson
Dr. Richard Dobson
Dr. David Dunn
Dr. Joel Dunn
Dr. Stephen Dwyer
Dr. Leslie Eaton
Dr. Jans Ellefsen
Dr. Christine Fahie
Dr. Jessica Fitzpatrick
Dr. Laurie Flavin
Dr. Jason Fox
Dr. Christopher Gilholm
Dr. Garry Gillam
Dr. Stephen Godin
Dr. Jason Gray
Dr. Stephanie Gray
Dr. Lisa Green
Dr. Shannon Greenlaw
Dr. Glenn Guilderson
Dr. Michael Gurney
Dr. Tanya Hardy
Dr. Mathieu Hébert
Dr. Eric Helson
Dr. CJ Hennigar
Dr. Andrea Hunt
Dr. George Ibsen
Dr. Tyler Jones
Dr. Erin Kempt
Dr. Edward Kita
Dr. Andrew Kleinknecht

Dr. Joanne Kostadopoulos
Dr. Vance Kruszewski
Dr. Philip LaPierre
Dr. Tasia Lazaros
Dr. Christopher Lerner
Dr. Thomas Lindsay
Dr. Bradley Lohrenz
Dr. Kate MacAdam
Dr. Ward MacDonald
Dr. Ian MacFarlane
Dr. Erin Mackay
Dr. Brent MacNeil
Dr. Doug MacNeil
Dr. Wanda Lee MacPhee
Dr. Michael Majaess
Dr. Carole Martin
Dr. Graeme McBride
Dr. Michael McCoul
Dr. Natasha McIntyre
Dr. Patrick Milroy
Dr. Doug Mollon
Dr. Kyle Morgan
Dr. Roger Morrison
Dr. Tanya Mounce Wood
Dr. Janis Noseworthy
Dr. Annie Ouellet
Dr. Mary-Irene Parker
Dr. Tracy Payne
Dr. Cora-Lee Peddle
Dr. Douglas Penrose
Dr. Jason Plotsky
Dr. Shelley Quinlan
Dr. Karen Quinn
Dr. Kimberley Ramsay
Joseph
Dr. Lisa Richard
Dr. Clayton Roach
Dr. Adrien Robichaud
Dr. Anthony Robichaud
Dr. Sandra Ross
Dr. Rob Rukavina
Dr. Brad Rusaw
Dr. Brian S. Seaman
Dr. Katie Sloma
Dr. William Smith
Dr. Celina Spence
Dr. Michael Spence
Dr. Karen Sullivan
Dr. G. Robert Tharp
Dr. Charleen Thompson
Dr. Richard Thompson
Dr. Rodney Thompson
Dr. Cindy Toner
Dr. Lisa VanZoost
Dr. Keith Wadman
Dr. Terry Watkins
Dr. Denise Wright
Dr. Benjamin Yuen



British Columbia Chiropractic Association

Dr. Alden H. Abraham
Dr. Robert Adam
Dr. Shelley K. Adams
Dr. Brenda J. Akerley
Dr. Ali R. Akhavan
Dr. Blake C. Alderson
Dr. Chad L. Alderson
Dr. Doug Alderson
Dr. Christopher J. Anderson
Dr. Gregg C. Anderson
Dr. Robert E. Anderson
Dr. Andrew W. Anglin
Dr. Mervin Aramenko
Dr. Robert Armitage
Dr. Robin J. Armstrong
Dr. Brian E. Arthur
Dr. Teara Ashby
Dr. Paul Attalla
Dr. David G. Audia
Dr. Randal B. Austin
Dr. Maninder S. Badyal
Dr. Raminder P. Badyal
Dr. Rafael Bagheri
Dr. Mandeep S. Bains
Dr. Jon R. Balchen
Dr. Janice M. Baldwin
Dr. Michael D. Baldwin
Dr. Moezin S. Baloo
Dr. Bruce Banman
Dr. Scott A. Banman
Dr. Datinder K. Banwait
Dr. Nicole M. Barbary
Dr. Martin Barker
Dr. Libby Barlow
Dr. Jeffrey D. Barnett
Dr. Gary J. Barone
Dr. Jeffrey R. Bartlett
Dr. Peter Bartnik
Dr. Benita Basra
Dr. Jas Basra
Dr. Steven Singh Basra
Dr. David Bayfield
Dr. Keith C. Beaton
Dr. Jennifer M. Beatty
Dr. Heidi Benda
Dr. Roger Bendle
Dr. Pamela G. Bennett
Dr. Steven Benson
Dr. Craig R. Bentham
Dr. Marissa R. Bentham
Dr. Helen J. Bergstrom
Dr. Cindy A. Berna
Dr. Michael Berna
Dr. Con Berry
Dr. Albert A. Berti
Dr. Gordon E. Besse
Dr. Patrick Bickert
Dr. Paul F. Bickert
Dr. Erin M. Biddlecombe
Dr. Christine Bird
Dr. Art R. Birzneck
Dr. Deborah Bissoondatt
Dr. Brian N. Bittle
Dr. Stewart Blaikie
Dr. Joehel R. Blanca
Dr. Alda M. Blanes
Dr. Sheila J. Boehm
Dr. Stephanie Bonn
Dr. Kara L. Bonnefoy
Dr. Ian Boonstra
Dr. Dean Bortolon
Dr. John L. Boruta
Dr. Michael J. Bos
Dr. Sandra Bose
Dr. Crystalene M. Boser
Dr. Matthew L. Boser
Dr. Elisa Braccia
Dr. John H. Bradley
Dr. Doug G. Brandvold
Dr. Madhu Brar-Hayer
Dr. Roderick A. Brent
Dr. Anuschka C. Brhelle
Dr. Dana J. Bromley
Dr. Kathryn E. Brookfield
Dr. Daphne Brown
Dr. Richard A. Brown
Dr. Terry Brown
Dr. Melvin A. Brummund
Dr. Heather A. Brunt
Dr. Jacqueline S. Brusset
Dr. Rozina Budhwani
Dr. Michael Buna
Dr. Frank O. Bunting
Dr. Thomas C. Burge
Dr. Donald Burkett
Dr. Genieve C. Burley-Howes
Dr. Marshall Butcher
Dr. Anna Cabrita
Dr. Denise Cacchioni
Dr. Brandon Cali
Dr. Blake Cameron
Dr. William A. Cameron
Dr. Charles Campbell
Dr. Patrick G. Campbell
Dr. Carolina Cancelliere

Dr. Roy Canil	Dr. Barry Curran	Dr. Dean P. Ference	Dr. Debra Grove
Dr. Robert J. Cannon	Dr. John K. Dang	Dr. Kambiz Filsoofi	Dr. Peter L. Grove
Dr. Pamela Carlson	Dr. Mahin Darabi	Dr. William R. Flatt	Dr. Ronald Grypma
Dr. Brent A. Carson	Dr. Danny Dares	Dr. Ho-Cheung Fong	Dr. Bradley A. Gueldner
Dr. David Carson	Dr. Joan M. Davidson	Dr. Michael J. Foran	Dr. Dana D. Gueldner
Dr. Scott D. Carson	Dr. John Davidson	Dr. Jennifer C. Forbes	Dr. Christian Guenette
Dr. Aaron R. Case	Dr. John M. Davis	Dr. Robert Forde	Dr. Michel J. Guimond
Dr. Jason Casey	Dr. Myron T. Dawydiak	Dr. Dale C. Forsythe	Dr. David B. Gusta
Dr. Glenn E. Cashman	Dr. Elizabeth Deans-	Dr. Edward E. Frackson	Dr. Krisjan Gustavson
Dr. Richard S. Castro	Buchan	Dr. Troy W. Fraser	Dr. Janis Guthy
Dr. Robert B.J. Caulfield	Dr. David D. DeCamillis	Dr. Jody M. Freedman	Dr. Dwayne R. Hackett
Dr. Alethea H. Cham	Dr. Richard DeCamillis	Dr. Jerome C.J. Fryer	Dr. Bob B. Hafizi
Dr. Giselle S. Chamberlain	Dr. Paul Deelman	Dr. Rudy Fung	Dr. Clint B. Hallgrimson
Dr. Adam Chan	Dr. Pierre Deslauriers	Dr. Marianna Fuscaldo	Dr. Andrew Hamilton
Dr. Dominic Chan	Dr. Jagdeep Dhaliwal	Dr. David Gabelhouse	Dr. Michael J. Harach
Dr. Fredrick Chan	Dr. Sharon Dhaliwal	Dr. Bradley W. Gage	Dr. Ryan P. Harris
Dr. Kenny K.S. Chan	Dr. Jasvinder S. Dhesi	Dr. Colin D. Gage	Dr. William G. Hartwick
Dr. William K. Chan	Dr. Brad F. Dickson	Dr. Warren M. Gage	Dr. Kym C. Harvey
Dr. Ralph Chatwin	Dr. Terry W. Dickson	Dr. Andrew T. Gagnon	Dr. Dawn Harwijne
Dr. Peter Chau	Dr. William C. Didyk	Dr. Michael A. Gagnon	Dr. Robert J. Hasegawa
Dr. Amritpal Chauhan	Dr. Amanpaul S. Diwana	Dr. Robert Gagnon	Dr. Keith Hasler
Dr. Michael M. Chaye	Dr. Paul S. Dodsworth	Dr. Grant Gainor	Dr. Paul C. Hatch
Dr. Moninder Cheema	Dr. Enrique Domingo	Dr. Mark A. Galloway	Dr. Richard Hawthorne
Dr. Edward Y. Chen	Dr. Khaled Dossa	Dr. Randhir S. Garcha	Dr. Bryan Hayward
Dr. Huan-Wei Chen	Dr. Andrew J. Dougans	Dr. Christopher N. Garwah	Dr. Ken F. Heinrich
Dr. Jennifer Chen	Dr. John P. Douglas	Dr. Nancy Garwah	Dr. David L. Helmckay
Dr. Jack Chin	Dr. Peter J. Douwes	Dr. Lana L. Gasparin	Dr. Fred E. Hendricks
Dr. Donald D. Chinnick	Dr. Victor C. Dowling	Dr. Morris D. Gasparin	Dr. Kevin Henke
Dr. Leonard Y.C. Chiu	Dr. Ryan P. Doyle	Dr. Shane B. Gathercole	Dr. Terry Heras
Dr. Brian S. Cho	Dr. Linda A. Drake	Dr. Jerome A. Genz	Dr. Michael E. Herrewig
Dr. Richard Cho	Dr. Peter I. Drysdale	Dr. Matthew G. Germaine	Dr. Tyler Hersak
Dr. Alexander Chow	Dr. Daniel S. Dubois	Dr. Jonathan K. Gerrard	Dr. Veronica Hewstan
Dr. Bonnie-Lynn Chuter	Dr. Francis J. Dudek	Dr. Gordon R. Gertz	Dr. Geoffrey Hicks
Dr. William G. Clark	Dr. Michel K. Duhaime	Dr. Rami Ghazzaoui	Dr. Anthony Hiebert
Dr. Tanya Clarke-Young	Dr. Michael J. Duperron	Dr. Ronald P. Giesbrecht	Dr. Paul M. Hinton
Dr. Richard M. Cleland	Dr. Terrance P. Dyck	Dr. Gurpreet Gill	Dr. William Hogan
Dr. Elton C. Clemence	Dr. Elizabeth J. Easterling	Dr. Julie A. Gill	Dr. Robert D. Holden
Dr. Jonathan J. Clow	Dr. Forest Eaton	Dr. Joanna Gillies	Dr. Erica J. Holmes
Dr. Richard Cockwill	Dr. John Eaton	Dr. Robert R. Gingras	Dr. Kevin E. Holroyd
Dr. Kirsten M. Coke	Dr. Garth Edgar	Dr. Carol Giskemo	Dr. Susan H. Holroyd
Dr. Jeffery Colobong	Dr. David Egan	Dr. Arlene Gleadhill	Dr. Michael L. Horowitz
Dr. Ruby A. Commandeur	Dr. Gregory O. Eisert	Dr. John Gluckman	Dr. Brian R. Hoshizaki
Dr. Graym Cook	Dr. James K. Elder	Dr. Norman J. Good	Dr. Donald S. Hoshizaki
Dr. Scott W. Cooley	Dr. Omar Elesseily	Dr. John Gordon	Dr. Heather Hoskin
Dr. James Cooper	Dr. Caroleigh J. Elliott	Dr. Linda Gordon	Dr. Rick G. Houlgrave
Dr. Cale B. Copeland	Dr. Westley D. Elliott	Dr. David W. Graas	Dr. Aaron Hoy
Dr. Bob W. Correlje	Dr. Dwayne H. Engelbrecht	Dr. Cameron Grant	Dr. Laura J. Hughes
Dr. Deni Cortese	Dr. Aron Enns	Dr. Donald A. Grant	Dr. Tyler A. Hunsberger
Dr. Nigel J. Coulter	Dr. Dan Erickson	Dr. Liza Grant	Dr. David Hunt
Dr. Susan Coutts	Dr. Andrew V. Erjavec	Dr. Marnie E. Grant	Dr. Leo Hunter
Dr. Thomas B. Coutts	Dr. William W. Errico	Dr. Kim Greene-	Dr. Richard D. Hunter
Dr. Brian L. Craver	Dr. David Ewert	Deslauriers	Dr. Jeffrey Hwang
Dr. David L. Cresswell	Dr. Ken Ezaki	Dr. Dale R. Greenwood	Dr. Simon C.Y. Hwang
Dr. Richard R. Cronk	Dr. Helen Fadden	Dr. Dean M. Greenwood	Dr. Susanna M. Ironside
Dr. Tanya Crowle	Dr. Karen Fait	Dr. Avneet K. Grewal-Basra	Dr. Alan D. Irving
Dr. Daryl R. Croxall	Dr. Jessica S. Falk	Dr. Jamie L. Grimes	Dr. David G. Irwin
Dr. Christian A. Csabai	Dr. Pauline Fedder	Dr. James M. Grimmett	Dr. Keith S.C. Isabey
Dr. Joseph Csabai	Dr. Dave A. Fenneman	Dr. Mark S. Grobman	Dr. Ryan E. Iverach

Dr. Ann L. Izard
Dr. William H. Jacobs
Dr. Wayne P. Jakeman
Dr. Barbara L. James
Dr. Michael V. James
Dr. Sandra C. Jensen
Dr. Michael D. Jess
Dr. Farrah Z. Jiwa
Dr. Manjinder S. Johal
Dr. Shivraj S. Johal
Dr. Patrick G.E. Johnson
Dr. Pauline A. Johnson
Dr. Tamara F. Jones
Dr. Stanley D. Jung
Dr. Jabeen Jussa
Dr. Rupi Kaila
Dr. Cheryl J. Kalashnikoff
Dr. Shane Kang
Dr. Phil F. Kanwischer
Dr. Richard Kapitza
Dr. Stephen Karpuk
Dr. Demetrios Katsikas
Dr. Brad A. Kehoe
Dr. Darren C. Keller
Dr. Todd Kellerman
Dr. Colleen Kelly
Dr. Wilbour Kelsick
Dr. James W. Kendall
Dr. Bradley G. Kerr
Dr. Randal John Kerr
Dr. Jane Kettner
Dr. Peyman Khademi
Dr. Aslam Khan
Dr. Randheer Khehra
Dr. Kenneth Kicia
Dr. Larry D. Kientz
Dr. Murray S. Kievit
Dr. Sean T. Kilgannon
Dr. Jake Kilian
Dr. Stuart C. Kilian
Dr. Trevor H. Kilian
Dr. Grant S. Kim
Dr. Larry T. Kinakin
Dr. Scott J. Kinnon
Dr. Natasha L. Kipot
Dr. Christopher C. Kippel
Dr. Richard A. Kjaer
Dr. Al G. Klassen
Dr. Eric Klein
Dr. Wolfgang Kliem
Dr. Terrence N. Knight
Dr. Randy A. Kobayashi
Dr. Valerie Kohut
Dr. Adam Konanz
Dr. Clark R. Konczak
Dr. Tamara A.S. Kornelsen
Dr. Gerry L. Koster
Dr. Michael E. Koster

Dr. Dylan Kozlick
Dr. Larry Kozuback
Dr. Bradley G. Kreitz
Dr. Richard A. Kristianson
Dr. Markus T. Kubert
Dr. Katherine Kuehn
Dr. Rubina M. Kurji
Dr. Garret Kusch
Dr. Kurt Kutcher
Dr. David A. Kvalheim
Dr. Alex La
Dr. Gabrielle Lacelle
Dr. Sean O. Laidley
Dr. Ellen Laine
Dr. Tajinder Lalli
Dr. Richard M. Lambert
Dr. Catherine R. Langedyk
Dr. Sheldon Langedyk
Dr. Katia L. Langton
Dr. Carlos J. Lapena
Dr. Else H. Larsen
Dr. Richard K. Latta
Dr. Edwin Lau
Dr. Derek Laurillard
Dr. Michael D. Lax
Dr. Lesley M. Layton
Dr. Tracy R. Leach
Dr. Monique N. LeDoux
Dr. Amanda L. Lee
Dr. David W. Lee
Dr. Eugene Lee
Dr. Franchesca C. Lee
Dr. James W. Leigh
Dr. Brandt E. Leinor
Dr. Colin J. Leis
Dr. Brian D. LeMoel
Dr. Jay Lepp
Dr. Corey Leung
Dr. Eric H.L. Leung
Dr. Jeremy A. Leung
Dr. Kevin K. Leung
Dr. Simpson Leung
Dr. Stanley B. Lewchuk
Dr. Nigel L.C. Liang
Dr. Chung-Wei Liao
Dr. Brian Lim
Dr. Davis E. Lindsay
Dr. Alexander M. Link
Dr. Donna Little
Dr. Brian D. Littlejohn
Dr. Jeffrey S. Lloyd
Dr. Gary C.P. Lo
Dr. Tak-Yan Lo
Dr. James A. Loh
Dr. John W.C. Loh
Dr. Sandra S. Lohman
Dr. Pia Longstaffe
Dr. Wayne Longstaffe

Dr. Arthur Lopes
Dr. Johan Louwerse
Dr. Stuart I. Love
Dr. James D. Lunney
Dr. Kevin S. Lunnie
Dr. Richard Lutz
Dr. John T.D. Ly
Dr. Philip E. Lyall
Dr. Hilda Ma
Dr. Robert Mabee
Dr. Angela L. Macdonald
Dr. Glenn W. MacDonald
Dr. Joanna M. MacDonald
Dr. Philippe P. MacInnes
Dr. David A. MacIntosh
Dr. Christopher D. MacKay
Dr. David G. Mackenzie
Dr. Scott D. MacKenzie
Dr. Barbara J. MacLean
Dr. Colin L. MacLeod
Dr. Clive S. MacMillan
Dr. Shannon M. MacNeill
Dr. Jaswinder S. Madahar
Dr. Brent R. Magowan
Dr. Al Maier
Dr. Corinne L. Main
Dr. Raymond T. Makortoff
Dr. David Mallory
Dr. Raj S. Mann
Dr. Sukhdip Mann
Dr. David G. Manns
Dr. Brent D. Manson
Dr. Christopher G.A. Mar
Dr. Stanley D. Marcus
Dr. Linda D. Marshall
Dr. Todd A. Marshall
Dr. Chris L. Martin
Dr. Frank Martin
Dr. Genny L. Martin
Dr. Lyle A. Martin
Dr. Julia A. Martorana
Dr. Stephen A. Maskall
Dr. Brenda J. Mason
Dr. Robert E. Masse
Dr. Robert B. Massier
Dr. Ken H. Matsubara
Dr. Karin L. Mattern
Dr. Cindy M. Matthew
Dr. Pat Maxwell
Dr. Sean C. Maxwell
Dr. Richard May
Dr. Michelle S. Mayer
Dr. Richard L. Mayer
Dr. Anne M. Maylin-Lee
Dr. Donna McAllister
Dr. Donna L. McArthur
Dr. Martha R. McBride
Dr. Dorothea McCallum

Dr. Marshall B. McCallum
Dr. Michael J. McCallum
Dr. Michael J. McCann
Dr. Gordon W. McConnell
Dr. James R. McCowan
Dr. Frank McDiarmid
Dr. Richard T. McIlmoyle
Dr. Colin J. McKay
Dr. Kevin D. McKenzie
Dr. Brian J. McLaughlin
Dr. Heather M. McLeod
Dr. Travis W. Meier
Dr. Fredrick K. Meinzer
Dr. Harold S. Meinzer
Dr. Julian A. Mendes
Dr. Celynne Merritt
Dr. Larry G. Merritt
Dr. Steven J. Mew
Dr. Brian W. Michaux
Dr. Allan S. Mickelson
Dr. Lidia Mickelson
Dr. Ken Mikkelsen
Dr. Ed Z. Mile
Dr. Craig Millar
Dr. Blake G. Miller
Dr. Shannon Miller
Dr. Randolph S. Mills
Dr. John Milne
Dr. Satrup Minhas
Dr. James L.W. Moore
Dr. Steven D. Moore
Dr. Ralph E. Morash
Dr. Danielle R. Morgan
Dr. Kenneth T.Morgan
Dr. Scott Morrison
Dr. Matt Mortenson
Dr. Elli P. Morton
Dr. Tanice K. Morton
Dr. Sukhi Muker
Dr. Mary-Ann Mulligan
Dr. Peter W. Mulyk
Dr. Elna D. Munoz
Dr. Darell Munro
Dr. Gary D. Munro
Dr. Heather C. Munroe
Dr. Gary Murdoch
Dr. Kathleen P. Murphy
Dr. Michael J. Murray
Dr. D'Arcey Musselman
Dr. Robert B. Mutch
Dr. Michael A. Muzzin
Dr. Jordan A. Myers
Dr. Andrew A. Nadon
Dr. Roberta H. Nairne
Dr. Rod T. Nairne
Dr. James A. Nero
Dr. Michael A. Newberry
Dr. Yuen Y. Ng

Dr. Robert G. Nielsen	Dr. Wayne Quinn	Dr. Barry Sauser	Dr. Diana Stevenson
Dr. Don Nixdorf	Dr. Jeffrey Quon	Dr. Marc Sauve	Dr. Glenn C. Stirling
Dr. Scott R. Norgen	Dr. Elmer E. Raabe	Dr. Barry J. Say	Dr. Michael A. Stochmal
Dr. David Numerow	Dr. Noorjehan Rahemtulla	Dr. Andrea Schloegl	Dr. Stephen Story
Dr. Dennis E. Nutbrown	Dr. Shamira Rahim	Dr. Michael G. Schmidt	Dr. Charlotte A. Stowell
Dr. Bob Ohori	Dr. Paramjit S. Rai	Dr. Ralph D. Schmidt	Dr. David Stuart
Dr. Lino T. O'Keefe	Dr. Sandeep S. Rai	Dr. Stacey Scott	Dr. Deane E. Studer
Dr. David H. Olson	Dr. Gerry E. Ramogida	Dr. Preet Sehmi	Dr. Jagjeven Johnny Suchdev
Dr. Eric E. Olson	Dr. Christopher L. Randall	Dr. Crysta M. Serne'	Dr. Daniel S. Sutill
Dr. Peggy O'Neil	Dr. Keith A. Ray	Dr. Chista K. Shahrokh	Dr. John M.W. Swallow
Dr. Grant O'Neill	Dr. Steven J. Read	Dr. Fiona Shamess	Dr. Janusz Szostek
Dr. Erik A. Otterstrom	Dr. Carol J. Reddin	Dr. William D. Shannon	Dr. Dale Tanaka
Dr. Kelly A. Ouimet	Dr. Peter V. Redecopp	Dr. Virginia Shapiro	Dr. Larry S. Tanaka
Dr. Paul K. Ouimet	Dr. Chad G. Reed	Dr. Bob S. Sharma	Dr. Jeffrey A. Tancock
Dr. Frozan F. Paiwand	Dr. Glen C. Reed	Dr. Tannis N. Shaw	Dr. John O. Tancock
Dr. Emmanuel V. Parenteau	Dr. Jessica E. Reed	Dr. Sid E. Sheard	Dr. Troy C. Tater
Dr. Min-Seon S. Park	Dr. Johanna Reed	Dr. Gohar A. Sheikh	Dr. Shane Taylor
Dr. David A. Parker	Dr. Gordon P. Reinhold	Dr. Mark J. Shepherd	Dr. Lesley Taylor-Hughes
Dr. Grant E. Parker	Dr. Corey A. Renaud	Dr. John H. Sheu	Dr. Sarah J. Teasdale
Dr. Julian D. Parsons	Dr. John Rennicks	Dr. Thomas T. Shikaze	Dr. Mark T. Terai
Dr. Reza Partow	Dr. Harry R. Repsch	Dr. Kevin Shimizu	Dr. Wayne M. Terai
Dr. David Passmore	Dr. Larry G. Reynolds	Dr. Shawn M. Shishido	Dr. Michael Terides
Dr. Gordon W. Paterson	Dr. Erin L. Rice	Dr. Kevan G.G. Shong	Dr. Clifford L. Thai
Dr. Lana S. Patterson	Dr. James M. Rice	Dr. Patrick B. Shuen	Dr. Laura D. Theroux
Dr. Shannon C. Patterson	Dr. Jack W. Richardson	Dr. Nestor B. Shull	Dr. Markus A. Thiel
Dr. Shaun R. Patterson	Dr. Ross Richardson	Dr. Jujhar S. Sidhu	Dr. Shawn P. Thomas
Dr. Darren A. Paul	Dr. Dean Rigler	Dr. Stefan M. Sigalet	Dr. James D. Thomson
Dr. Shannon E. Paul	Dr. James Ritchey	Dr. Leif A. Sigurdson	Dr. Russell C. Thomson
Dr. Sean E.J. Payne	Dr. Leslie M. Roberts	Dr. Joe C. Simmons	Dr. Gail Thurber
Dr. Jason J. Peake	Dr. Thomas Roberts	Dr. Eden M. Simons	Dr. James Tilsted
Dr. Simon G. S. Pearce	Dr. Jay Robinson	Dr. Jonathan C. Simpson	Dr. Peter Y. Ting
Dr. Eleanor V. Pearson	Dr. Lindsay Robson	Dr. Sam T.J. Simpson	Dr. Michael J. Titchener
Dr. Simon J. Pearson	Dr. Ryan M. Rochon	Dr. Hubert H.W.Y Siu	Dr. Peter Titchener
Dr. John T. Pelly	Dr. William S. Rogal	Dr. Robert S. Skleryk	Dr. Raffi S. Titizian
Dr. Todd A. Penner	Dr. Robert W. Roper	Dr. Mark A. Slater	Dr. Danny Tong
Dr. Irene Pennimpede	Dr. Robert D. Rosborough	Dr. David J. Smith	Dr. Randall D. Trester
Dr. Ken R. Pepperdine	Dr. Ronald E. Rose	Dr. Doug R. Smith	Dr. Douglas O. Trotter
Dr. Jeffrey A. Pereverzoff	Dr. Stacey M. Rosenberg	Dr. Ian D. Smith	Dr. Floyd Trotter
Dr. John Pereverzoff	Dr. Janet Rosenfeld	Dr. Julian F.W. Smith	Dr. Myle Truong
Dr. Marie Perron	Dr. Robert W. Rowe	Dr. Lawrence D. Smith	Dr. Theodore Tuira
Dr. Grant G. Perry	Dr. James B. Rowse	Dr. Richard S. Smith	Dr. Brian Turner
Dr. Brett A.K. Peters	Dr. Randolph P. Roxborough	Dr. Sophia A. Smith	Dr. Darrell W. Turner
Dr. Gerard D. Phelps	Dr. Raymond J. Roy	Dr. Richard K. So	Dr. Jennifer L. Turner
Dr. Tom Pilias	Dr. Maurice B. Roze	Dr. Alysalim Somani	Dr. Kevin D. Turner
Dr. Alastair Pirie	Dr. Bruce Russell	Dr. Amynah Somani	Dr. Robert D. Turner
Dr. Noel G. Plummer	Dr. Ken W. Russell	Dr. Mark W. Speakman	Dr. Beverly A. Tyler
Dr. Marie-Claude Poirier	Dr. Jack A. Sabey	Dr. Andrew Spence	Dr. Kevin Underwood
Dr. Debbie Pollard	Dr. Suzanne M. Sacrey	Dr. Kimberly Spencer	Dr. Ansel N. Updegrove
Dr. Derek N. Porter	Dr. Manjit Sadhra	Dr. Ravind Srikureja	Dr. Christina Updegrove
Dr. Ryan Porter	Dr. Sarbjit S. Sahota	Dr. Ernie M. St.Denis	Dr. Randip S. Uppal
Dr. Michael S. Pos	Dr. Margaret C. Salmon	Dr. Tim J. St.Denis	Dr. Sereena K. Uppal
Dr. Brock Potter	Dr. Michael S. Salmon	Dr. Anne E. Staiger	Dr. Michelle H. Urban
Dr. Nelson T. Potter	Dr. Victor Sam	Dr. Elke Starr	Dr. Barry J. Urness
Dr. Douglas Price	Dr. Jag Sandhu	Dr. Sean F. Starr	Dr. David A. Urness
Dr. Mark T. Prii	Dr. Ranjit S. Sandhu	Dr. Ferenc Stefani	Dr. Lisa Vandekamp
Dr. Rodney Quartly	Dr. Satinder Sandhu	Dr. Beverley L. Steinhoff	Dr. Robin L. Vandermark
Dr. Karen Quinn	Dr. Perthpal Saran	Dr. Sean E. Stelting	Dr. Drew VanWallegem

Dr. Robert Vari
Dr. John A. Vedova
Dr. Malcolm A. Venier
Dr. Paul M. Verlaan
Dr. James A. Verners
Dr. John Viggiani
Dr. Michael J. Vipond
Dr. Wade M. Viznaugh
Dr. Henny T.M. Vogelzang
Dr. Ernie Von Schilling
Dr. Chris Votova
Dr. Ali Walizada
Dr. Wayne Walker
Dr. Margaret Wallace
Dr. Dustin Walsh
Dr. Jonathan A. Wan
Dr. Terrence Warawa
Dr. Anthony Ward
Dr. Jerry Ward

Dr. Ronald H. Warkman
Dr. David Waslylynko
Dr. Anna-Marie Weir
Dr. Joanne L. Welham
Dr. Steven Weller
Dr. Jennifer T. Wells
Dr. Mark Wensley
Dr. Josh I. West
Dr. Donald F. Westlake
Dr. David G. Wheatcroft
Dr. James J.M. Whillans
Dr. Vanessa C. White
Dr. Brian S. Whitehead
Dr. Ron Whiting
Dr. Barry J. Whyte
Dr. Jim B. Wickstrom
Dr. Jason N. Wiebe
Dr. Henning Wiese
Dr. Paul Wiggins

Dr. David S. Williams
Dr. Michael W. Williams
Dr. Natalie Williams
Dr. Stephen P. Williams
Dr. Vardy L. Williams
Dr. Bradley Williamson
Dr. Brent A. Willox
Dr. Colin R. Wilson
Dr. Garry E. Wong
Dr. Leong C. Wong
Dr. Michael Wong
Dr. Gary E. Wooden
Dr. William Woodliffe
Dr. Glen Woodman
Dr. Deborah S. Wright
Dr. Douglas A. Wright
Dr. Jerry Wright
Dr. Nicholas Wu
Dr. Stanley H. Wu

Dr. Steven Wyllie
Dr. Elaine J.M. Yagi
Dr. Bradley Yee
Dr. Scott R. Yeoman
Dr. Bill C. Yeung
Dr. Keith K. Young
Dr. Kirk Young
Dr. Mitchell S. Yourchek
Dr. Ken Zagrodny
Dr. Michael E. Zarchynski
Dr. Farokh Zavosh
Dr. David A. Zayonc
Dr. Ben C. Zerkee
Dr. Zhilong Zhou
Dr. Randall Zindler
Dr. Ray Zindler
Dr. George A. Zradicka
Dr. Daniel Zybutz

Special Announcement from CanadaHelps

Great news! CanadaHelps now accepts gifts of securities online. With the elimination of capital gains on donations of publicly traded securities in 2006, gifts of securities are now the most tax efficient way to make a charitable donation to the Canadian Chiropractic Research Foundation ... and a great way for donors to make a greater impact with their gift.

It's easy – both for donors and for charities. Once a donor has completed the online process and the shares have been sold, the donor receives their tax receipt and the CCRF receives the funds. It's just that simple. To find out more about how it works, visit <http://www.canadahelps.org/Help/Help.aspx?id=11>.

An email notification will be sent to you when a Gift of Securities donation has been made to the CCRF and of course you'll be able to track these donations at any time by checking your CanadaHelps account.

CanadaHelps is proud to be the first charity in Canada to accept Gifts of Securities donations online. Welcome to giving made simple.

Canadian Chiropractic Research Foundation

CCRF Membership Opportunities

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

Every dollar you donate helps us reach our goals. You may even attach conditions to your donation such as supporting a university-based Chiropractic Research Chair in your province, or a specific research interest.

In 2008, the Foundation will hopefully see more university-based Chiropractic Research Chairs become available. Each Chair requires \$500,000 so please be generous.

Help us reach our goals!

- | | | | |
|--|---------|--|---------|
| <input type="checkbox"/> Bronze Membership | \$125 | <input type="checkbox"/> Silver Membership | \$500 |
| <input type="checkbox"/> Gold Membership | \$1,000 | <input type="checkbox"/> Platinum Membership | \$5,000 |

Membership Information (*please enclose with your membership payment*):

Name: _____

Address: _____

City: _____ Province: _____ Postal Code: _____

Tel.: _____ Fax: _____

E-mail: _____

Amount: _____

Please send completed membership form to:

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

**30 St. Patrick Street
Suite 600
Toronto, ON M5T 3A3**
**Tel.: 416-585-7902
Toll Free: 1-877-222-9303
Fax: 416-585-2970**

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

This Bulletin is distributed to the Canadian chiropractic research community. (02/01/08) You may view the preceding thirteen bulletins on the CCA website at www.ccachiro.org

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