

Quarterly World Report

JULY 2017



WFC at WHO
World Health Assembly
special feature

New Research Council member
Alberta celebrates centenary
Texas chiropractic victory
...and more!

Collaboration and Commitment: Sharing a Common Future.

Dr Espen Johannessen, WFC President

As we end the first half of 2017, the WFC can reflect with pride at what it has achieved. March saw one of the most successful WFC Congresses ever held, thanks to our collaboration with the American Chiropractic Association (ACA) and the Association of Chiropractic Colleges (ACC).

Our biennial General Assembly, also held in Washington D.C., showcased collaborative projects and brought our 93 national association members together.

The WFC delegation to the World Health Assembly in Geneva included representatives from education, student, and national association bodies alongside members of the Global Alliance and World Naturopathic Federation.

I have also had the pleasure of attending the Parker Seminar in Las Vegas and the European Chiropractors' Union Convention in Cyprus, both of which brought together doctors of chiropractic from all facets of the profession to share ideas and experiences.

The WFC has been involved in collaborative discussions relating to new educational institutions and has worked with our national associations to help deliver solutions to national issues.

The tasks have been many and varied, but the one thing that has stood out more than anything is that where there is collaboration, success is far more likely to be achieved. Chiropractors as part of health care teams are becoming more and more commonplace. The



Continued on next page.

OUR PEOPLE

WFC COUNCIL:

Espen Johannessen (President)	European Region
Carlos Ayres (1st VP)	Latin American Region
Rick McMichael (2nd VP)	North American Region
Laurie Tassell (Secretary-Treasurer)	Pacific Region
Greg Stewart (Past President)	North American Region
Musimbi Ondeko	African Region
Kei Takeyachi	Asian Region
Efstathios Papadopoulos	Eastern Mediterranean Region
Vivian Kil	European Region
Deborah Kopansky-Giles	North American Region
John Maltby	North American Region
Michele Maiers	North American Region
Corrian Poelsma	Pacific Region

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Greg Kawchuk DC, PhD (Chair)	Canada
Christine Goertz DC, PhD (Vice Chair)	USA
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Mitch Haas DC, MA	USA
Heidi Haavik DC, PhD	New Zealand
Jan Hartvigsen DC, PhD	Denmark
Carolina Kolberg MSc (Chiro), PhD	Brazil
Scott Haldeman DC, MD, PhD (Emeritus Chair)	USA

SECRETARIAT

Richard Brown DC, LL.M (Secretary General)
Khalid Salim, Sarah Villarba

Collaboration and Commitment: Sharing a Common Future (continued)

sharing of knowledge, skills, beliefs and experiences enhance the profession and, more importantly, our patients, but also demonstrates a willingness to move away from a position of isolation. This integration of health professions is the healthcare of the future

Acquiring knowledge is not just about the conducting of research and the gathering of scientific evidence. Both are, of course, vitally important to our advancement, both individually and as a profession, but the wisdom attained through clinical experience and listening to and taking into account the individual preferences of patients is key to delivering quality chiropractic care.

This approach calls for chiropractors to show humility and respect in relation to the knowledge and skills that others bring to the table. However, it does not mean that chiropractors cannot stand up to defend their own approach to health. The sharing of knowledge means that the gain for us as chiropractors will be greater insight, understanding and decision-making skills.

Being part of a health care team also means that we must recognize that we will often be entering an environment where there are common standards and rules for a whole range of issues, whether they be protocols, record-keeping, communication style or established standards of practice.

None of this means that we cannot bring our own innovative ideas and practice values to the care of patients. Articulating our thoughts in a respectful way means contributing to the debate without it becoming adversarial. Influencing from the inside will stand a far greater chance of success than if we remain on the outside looking in. We must accept that our views will be challenged, just as we sometimes challenge those of our colleagues. We must be prepared to be critical thinkers, to consider the views of others and perhaps adapt our own views in response. There is no set definition of what chiropractic is or what it isn't – practice is there to



be constantly reviewed and updated when better evidence emerges.

It was refreshing for me to see how chiropractic is regarded at WHO. At the Assembly in May, I attended many meetings and was repeatedly gratified to see that the attitude was welcoming of the contribution we are prepared to make. Heads of departments and technical officers recognized the work that chiropractors do and can contribute towards global health. Being part of WHO is about embracing a spirit of service and being prepared to work for patients and society, not for the interests of individual professions.

It is also exciting that WHO has invited the WFC to update its 2005 Guidelines on Basic Training and Safety as well as to create a brand new WHO benchmark document in chiropractic clinical practice. Both are significant undertakings, which will require the support of everyone in the chiropractic profession. However, I am confident

Collaboration and Commitment: Sharing a Common Future (continued)

that this can be achieved and the resulting WHO documents will positively influence the reputation of chiropractic globally.

In some parts of the world, we continue to witness the attempts by others to downgrade the status of chiropractic or have it absorbed into other professions. This has taken place particularly in Europe and North America.

The success of our colleagues in Texas in tackling the right of chiropractors to diagnose shows what can be done when the world throws its support behind a cause, and in many jurisdictions around the world our colleagues work tirelessly in very challenging situation to protect our right to practice. Our thanks and appreciation go to these relentless individuals.

Underpinning our credibility must be the consistency and quality of our education. Successive education conferences, including the WFC/ACC Education Conference in Montreal, have produced consensus statements. We must not bury these statements in the archives, but reflect on the actions they call for and move forward positively. Presidents, heads of schools and curriculum designers all have a role to play in evaluating the needs of a society where collaborative, evidence-informed, patient-centered care is no longer just optional. Ongoing dialogue, cooperation and the identification of common goals are essential and the WFC stands ready to support and facilitate their important work.

Chiropractic is a profession, not a treatment. We advance by reflecting, envisioning, planning and understanding that we must constantly adapt according to societal and cultural shifts. Being a leader in our area of expertise means being open to new ideas and being ready to innovate. Having spent time with student leaders in Geneva, I am assured that we have the talent to evolve and not merely accept the status quo. These young men and women have energy, commitment and dedication to chiropractic. We have much to celebrate and much work to do. Together we will embrace the present and seize the future. **EJ**

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NEWS ITEMS

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Dr Tedros has lessons for us all

The Seventieth Assembly of the World Health Organization was an historic event. As Mercedes limousines containing Ministers and dignitaries from around the globe purred into the Palais de Nations, the question on everyone's lips was who the next WHO Director-General would be. After a year of campaigning and lobbying for support, one of the jobs of the Assembly was to elect a replacement for long-serving D-G, Dr Margaret Chan.

Finally, the moment arrived. With due ceremony and rapturous applause, Dr Tedros Adhanom Ghebreyesus was duly elected and was led by his predecessor to the podium. As the first ever African WHO Director-General, Dr Ghabreyesus, or 'Dr Tedros' as he prefers to be called, is a notable appointee. Hailing from a country that has seen its share of health challenges, Ethiopian Dr Tedros brings a new perspective to WHO.

During his speech, Dr Tedros made a number of impactful points that have as much relevance for the work of the WFC as they do for WHO.

"There is a need for the world to come together"

The WFC has unity as one of its core pillars. While it would seem very simple to cut adrift a section of the chiropractic community with whom we disagree, the reality is that this is neither possible nor desirable. We are united by our professional titles and the patients we serve. Like any society of men and women, it is not expected that we agree on all matters, but chiropractors are nevertheless members of a global family.

"We value transparency and inclusiveness"

The WFC was formed to bring the world of chiropractic under one roof. Within our membership we welcome chiropractic associations of 93 nations. We have many other affiliated

chiropractic organizations with whom we work. We provide a forum for discussion where differences can be aired and best practices can be shared. We must be open and transparent in the way we operate and continuously remember our mission: to advance awareness, utilization, and integration of chiropractic internationally.

"We must listen before speaking"

The WFC has a presence in all corners of the globe. Chiropractic is not delivered in the same way in each of the countries. Even within countries chiropractic may be delivered differently. Our national associations do not want to be told what to do. It is the duty of the WFC to listen to its members and be there to give advice when advice is sought. By listening, we can seek to understand perspectives and support chiropractic around the world.

"We must respect diversity"

The richness of the chiropractic profession lies in its diversity of approaches. Numerous techniques are adapted, personalized and practiced.



Education is delivered differently. The philosophy of chiropractic care takes many forms, some aligned with other health professions, others quite distinct. Ethical and moral boundaries provide constraint around patient safety and clinician behavior, but in nearly all cases, patients value their chiropractor and satisfaction rates are high regardless of approach.

“We must build effective partnerships”

Collaboration is the key to success. Sharing best practices and best evidence with colleagues inside and outside the profession will help us to deliver optimum care to the patients we serve.

“We must value science and innovation”

The WFC values evidence-informed care and promotes research as a means of developing the chiropractic profession and improving patient care and outcomes. It is also important that the WFC



Dr Tedros Adhanom Ghabreyesus, Director-General, WHO

must constantly seek to improve through innovation and consultation.

“We must focus on good governance”

The WFC must constantly evaluate the way the organization is structured and governed, ensuring that it remains fit for purpose and is agile enough to respond to internal and external environments. This means we should always be looking to do things better to serve and support our members and the profession.

“We must value our people”

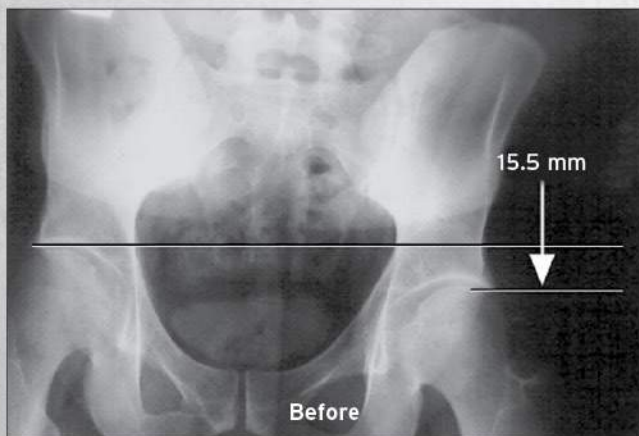
At the WFC our people are our most important asset. Our team at the WFC head office in Toronto, Khalid Salim and Sarah Villarba, are instrumental to the day-to-day running of the WFC.

The 13 volunteer members of Council, representing the 7 world regions of the WFC work actively on projects and in their local areas, with 5 members forming the Executive. The WFC Council, as well as the Research Council, Public Health Committee and Disability and Rehabilitation Committee are all populated by chiropractors who volunteer their time selflessly in service of the chiropractic profession. Our thanks go to them all.

Together as a profession we can accomplish so much more than by working independently. With doors opening to collaboration with other health care providers, we have opportunities like never before to serve our communities and the wider societies within which we live and work. Let us go forward together and seize these opportunities with pride in our work and our heads held high. **RB**

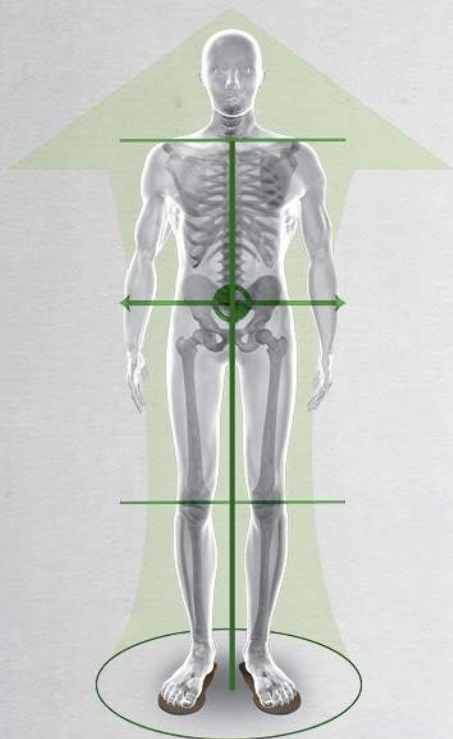
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Secretary-General

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COVER STORY:

WFC at WHO: 70th World Health Assembly

2017 celebrated the twentieth year of the WFC's status as a non-governmental organization in official relations with the World Health Organization.

During the week of May 22, the WFC was present in Geneva for the 70th World Health Assembly. With delegates from WFC Council, the World Congress of Chiropractic Students, the Association of Chiropractic Colleges, educational institutions and others from partner organizations, the week was whirlwind of meetings and events.

Led by WFC President Dr Espen

Johannessen, the delegation observed the official proceedings of the Assembly, took part in side events, had meetings with department heads at WHO. Mixing with ministers, ambassadors and health leaders from around the world, this year's World Health Assembly was a great success for all who attended (*continued*)

Pictured (Front row, from left): Iva Lloyd, Charlotte Cailliau, Danielle Wiesner, Espen Johannessen, Dominique Harmath, Damiano Costa (Back row, from left): Michel Tetrault, David O'Bryon, Karsten Dreinhofer, Deb Kopansky-Giles, Richard Nicol Tina Haussner, Hussein Elsangak (not pictured, Richard Brown, Clay McDonald, Labana Simanihuruk).



WFC at WHO: 70th World Health Assembly (ctd)

For some of the delegation, the week began early, with a Sunday afternoon meeting of the NCD (non-communicable diseases) Alliance. The WFC was able to meet Executive Director, Katie Dein and highlight the scale of spinal disorders as an under-recognized and under-promoted NCD.

As has become customary, the delegation gathered on the eve of the Assembly at the Hotel Montbrillant in the center of Geneva. There, the group was joined by WHO Senior Technical Officer, Dr Molly Meri Robinson Nicol, chiropractor and graduate of Northwestern Health Sciences University. Thanks go to the World Naturopathic Federation for sponsoring this event, which allowed delegates to meet and discuss plans for the week ahead.

Monday morning dawned with brilliant sunshine as the delegation gathered at WHO Headquarters to collect their badges. There, official photographs were taken and new delegates were able to familiarize themselves with the HQ, eateries and important landmarks. Once completed, the WFC delegation made its way down to the Palais de Nations, at the UN Headquarters. Security was tight as a stream of chauffeured limousines transported diplomats, health ministers and other VIPs to the opening ceremony.

We made our way to the viewing gallery and watched as official government delegates took their seats and waiting for the proceedings to begin. The 70th World Health Assembly was going to be no ordinary meeting. As well as a packed agenda, it was the last Assembly for outgoing Director-General Margaret Chang and a successor would be elected. With three remaining candidates, there was a buzz of excited anticipation as to who would land the top job at WHO.

As well as observing proceedings of the Assembly, the WFC had a busy schedule of meetings. First was a meeting with Dr Jim Campbell, head of Global Health Workforce, where we discussed the collation of data to inform WHO of numbers of chiropractors globally and their geographic distribution. With there being a shortfall of over 18 million health workers throughout the world, WHO is keen to understand how chiropractors might contribute to health coverage in under-served areas of the world.

Pictured from top: Espen Johannessen, Deb Kopansky-Giles and Richard Brown at WHO Headquarters; Richard Brown and WCCS President Damiano Costa in the WHO HQ meeting area; Richard Brown in the Assembly Hall at the UN Palais de Nations.





WFC at WHO: 70th World Health Assembly (ctd)

Later in the day, Espen Johannessen and Richard Brown met with Professor Alarcos Cieza, director of the department of Disability and Rehabilitation. Dr Brown reported on progress since attending a high level meeting in Geneva in February, where the WFC signed up to a commitment on rehabilitation. He outlined the formation of the new WFC Disability and Rehabilitation Committee (DRC) and the work that the WFC was doing to raise to contribute to raising awareness of the need for a rehabilitation strategy globally.

The following day, delegates from WFC Council met with officers from the Integrated People Centred Health Services Department. Deb Kopansky-Giles has been leading this work for WFC and was instrumental in drafting the submissions featuring St Michaels Hospital in Toronto and World Spine Care in Botswana, both of which appear on the WHO's integratedcare4people.org website. During the meeting, the WFC communicated its willingness to support the Global Strategy on Integrated People Centred Health Services. WFC partner Dr Andre Bussieres, from McGill University in Montreal, has been assisting the IPCHS department with knowledge transfer work. In addition, the WFC attended a high level side event on integrated care chaired by the Minister of Health for China .



Pictured: Top: WHO Headquarters, Geneva; Middle: WCCS Director Charlotte Cailliau ; Bottom: Richard Brown (R) with Dr John Beard, Director of the WHO Department on Ageing and Life Course.

WFC at WHO: 70th World Health Assembly (ctd)

This year the delegation was honored to welcome the Secretary of the Association of Indonesian Chiropractors (AIC), Dr Labana Simanihuruk. At DC2017 in March, Drs Johannessen and Brown had joined AIC members in attending a meeting with the Indonesian Ambassador to the US at his official residence. During that meeting the WFC emphasized the need for regulation and education in Indonesia. In Geneva, the WFC was invited to participate in an official reception where introductions were made to both the permanent representative to the UN in Geneva, Mr Hasan Kleib, and the Minister of Health for the Republic of Indonesia, HE Dr Nila Moeloek. The WFC is involved in ongoing efforts to support recognition and regulation of the chiropractic profession in Indonesia.

The WFC also attended a meeting as part of the newly formed Global Consortium on Rehabilitation, joining President of the World Confederation of Physical Therapy, Dr Emma Stokes, to discuss strategies to promote rehabilitation globally.

Drs Johannessen, Kopansky-Giles and Brown met with the designated focal point for the WFC at WHO, Dr Zhang Qi. Discussions centered on the invitation to the WFC to update the 2005 WHO Guidelines on Basic training and safety, as well as the creation of a brand new benchmark document on clinical practice in chiropractic.

One of the highlights of the delegation this year was the presence of representatives from the World Congress of Chiropractic Students. Led by WCCS President Damiano Costa, the other WCCS delegates were Danielle Wiesner, Charlotte Cailliau and Dominique Harmath; all were outstanding ambassadors for the WFC and for chiropractic and themselves had a busy week of meetings, including with student leaders from other health disciplines.

The appointment of Ethiopian Dr Tedros Adhenom Ghebreyesus as the new Director-General completed a fascinating week at the WHA. We look forward to the 71st World Health Assembly in May 2018. **RB**



Top: Espen Johannessen and Richard Brown introduced to the Minister of Health for Indonesia, Dr Nila Moeloek by Labana Simanihuruk.

Middle (from left): Richard Brown, Labana Simanihuruk, Espen Johannessen, Michel Tetarult (Chiropractic Diplomatic Corps).

Bottom: Assembly Hall, Palais de Nations, UN, Geneva

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WFC's Michele Maiers receives top award for women in chiropractic

WFC Council member Michele Maiers has been recognized with the Dr. Barbara Hagen Award, honoring women in chiropractic at Logan University's 2017 Spring Symposium. On receiving the award, Dr Maiers gave an inspiring presentation about chiropractors as innovative entrepreneurs and leaders beyond complementary and integrative health care.

Beatrice Hagen, after whom the award is named is credited with breaking two notable chiropractic gender barriers: serving as the first woman president of an accredited chiropractic college (Logan, 1981-1992) and of the Council on Chiropractic Education (1986-88).

Dr Maiers is the Director of Health Policy and Innovation at Northwestern Health Sciences University, Bloomington, Minnesota. Having gained her chiropractic degree in 2000, Dr Maiers immediately pursued a career in research, gaining first a Masters in Public Health before studying for her PhD at the University of Southern Denmark.

As well as being a member of the WFC Council, Dr Maiers is also actively involved with the American Chiropractic Association. A strong proponent of the so-called 'Millennium Generation', Dr Maiers is a strong advocate for students and works closely with the Student ACA (SACA).

Dr Maiers commented, "Receiving this award dedicated to Dr. Hagen, a progressive leader who led Logan College through difficult times, was truly an honor. I would say Bea was ahead of her time, but really, the chiropractic profession is somewhat behind in terms of supporting and elevating female leaders within the ranks of professional



Dr Michele Maiers with President of Logan University, Dr Clay McDonald.

leadership. I commend Logan University for recognizing this, and celebrating women in chiropractic with this award." Remarking on the award, WFC Secretary-General Richard Brown said: "The WFC is committed to equality and diversity in all areas of its work. Gender parity on WFC Council and Committees is a priority and reflects twenty-first century norms. I'm optimistic that the example shown by Dr Maiers will inspire women in all WFC regions to step forward to adopt leadership positions. We're extremely proud that Dr Maiers has been recognized in this way."

Global Experts Feature in New WFC Disability and Rehabilitation Committee

Following a call for nominations, WFC Council has ratified membership of its new Disability and Rehabilitation Committee.

Following Chair Professor Pierre Côté's appointment in March, the recruitment process for the Committee led to intense interest from both within and outside the chiropractic profession. A Selection Committee comprising Dr Côté, Dr Stathis Papadopoulos and Dr Kei Takeyachi reviewed all applications before submitting recommendations for formal approval.

Dr Côté (pictured right) commented: "With the creation of this new committee, the WFC is committed to becoming a global leader in the field of disability prevention and rehabilitation. I am very humbled and honoured to be chairing this international committee of expert scientists and clinicians.

"We will work with WHO and other rehabilitation professions to ensure that the chiropractic profession uses its expertise to improve the quality of life of persons with disability all over the world."



Right: Professor Pierre Côté

WFC DISABILITY AND REHABILITATION COMMITTEE

Dr Ellen Aartun MSc, PhD (Norway)

Chiropractor, Epidemiologist, Researcher

Professor Marco Campelo PT, PhD (USA)

Physiotherapist, Director, Occupational and Industrial Orthopedic Centre, New York University

Dr Christine Cedreshi PhD (Switzerland)

Clinical Psychologist, Department of Internal Medicine and Rehabilitation, University Hospital of Geneva

Sister Anne Marie Diahoua DC, MSc (Congo)

Chiropractor, Polio Center of Moundali, Brazzaville

Dr Ismat Kanga DC, MPH (India/Canada)

Chiropractor, Health Canada, Tobacco Control Directorate

Dr Richard Nicol BSc, MChiro (Switzerland)

Chiropractor, Classifications Consultant to WFC

Professor Margareta Nordin DrMedSc, PT (France)

Physiotherapist, President, EuroSpine, Professor Research Departments, Orthopedic Surgery and Environmental Medicine.

Dr David Parish DC, MS (USA)

Chiropractor, Associate Dean (Clinical Care), Logan University

Dr Philippe Prétalet DC (France)

Chiropractor

Dr Heather Shearer DC, MSc (Canada)

Chiropractor, Clinical Epidemiologist

Dr Mette Jensen Stochkendahl MSc, PhD (Denmark)

Chiropractor, Associate Professor, Senior Researcher, University of Southern Denmark

Dr Mana Rezai DC, MSc (Canada)

Chiropractor, Epidemiologist, University of Toronto

Ms Paola Torres BA, MSc (Chile)

Physiotherapist, Private Practice, Santiago

Dr Peter Tuchin BSc, GradDipChiro, PhD (Australia)

Chiropractor, Private Practice, Associate Professor, Macquarie University, Sydney

Dr John Flannery MD, FRCPC (Canada)

Physiatrist, Medical Director, comprehensive Integrated Pain Program, Toronto Rehabilitation Institute, University Centre, Ontario.

Descarreux Appointed To WFC Research Council

Professor Martin Descarreaux has been announced as the newest member of the WFC Research Council.

Dr. Descarreaux graduated from the UQTR's first cohort of the chiropractic program in 1998, and completed a PhD in kinesiology at the Université Laval 6 years later.

He is now a full professor at UQTR in the Department of Human Kinetics and is a visiting professor at the Institut Franco-Européen de Chiropraxie (Paris and Toulouse) and at the Paris-Sud University's Faculty of sports sciences.

His current research projects involve the characterization of the neurophysiological and biomechanical effects of spinal manipulation, the various effects of pain and pain-related psychological components on trunk neuromuscular strategies, as well as motor learning of spinal manipulation. In the past five years alone, Dr Descarreaux has been a primary or named author in

over 60 published papers.

Over the years, he has developed several strategies to better integrate motor learning principles, which have been shared with students, professors and those responsible for clinical training within chiropractic teaching institutions not only in Canada, but also in Europe.

He is currently the Director of the Groupe de recherche sur les affections neuromusculosquelettiques (Research Group on neuromusculoskeletal disorders) at UQTR.

Chair of the WFC Research Council, Professor Greg Kawchuk commented: "On behalf of the Research Council, I would like to welcome Dr. Descarreaux as our newest member. Martin's prior experience as a judge at many WFC events combined with his research record as a full professor at UQTR will assist the RC greatly in building toward the next WFC Congress in 2019 and beyond".

Below: Professor Martin Descarreaux DC, PhD



Alberta Association Celebrates Centenary



The Alberta College and Association of Chiropractors recently celebrated its centenary in grand style with a glittering banquet in Calgary.

In 1917, twelve chiropractors founded the Alberta Chiropractic Association (ACA). For six years, they fought to achieve legislation of chiropractic within the province. During this time, as chiropractic was unregulated, those practicing could be fined or even arrested.

Finally, in 1923, after many years in court, the passage of the *Chiropractic Act* took place (the first of its kind in Canada). At that time, 32 chiropractors received a license to practice. Now, there are over 1,000 licensed chiropractors in Alberta.

Representing the WFC were Immediate Past President, Dr Greg Stewart and Secretary-General Dr Richard Brown, who paid tribute to the ACAC during a short congratulatory speech.

ACAC President Chad Kulak (pictured left) reflected on the progress of chiropractic in the Province, which now enjoys a 24% 12 month utilisation rate. He presented a special award to the ACAC's longest serving member Dr Metro Kuruliak, who this year celebrates 60 years in practice.

Dr Chad Kulak gave a brief overview of the history of the ACAC. The centenary dinner, held at Calgary's Commonwealth Center also featured 'museum' of images and chiropractic equipment chronicling the history of the ACAC.

Dr Stewart (pictured below with Richard Brown) commented: "The WFC congratulates the ACAC on this wonderful achievement. Throughout its history it has stood for ethical, high quality care and puts the welfare of patients as its over-riding priority. It also listens to its members and serves as a fine example of excellence in chiropractic organizations."



WFC Council Initiates Policy Review

WFC Council member Dr John Maltby has been appointed to head up a WFC Policy Review Committee.

Dr Maltby (pictured right) represents the ICA on Council and will be working alongside Dr Vivian Kil (European Region) and Dr Corrian Poelsma (Pacific Region) to undertake a review of all current WFC policies and determine their fitness for purpose.

Dr Maltby said: "It's essential that the WFC regularly reviews its policies and protocols to ensure that they remain relevant and appropriate. Good governance is essential to our performance and effectiveness in serving the profession."

As well as reviewing existing policies, the Policy Review Committee will identify areas of professional activities where policies may be helpful in setting out the WFC's defined position.



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WFC Represented at Oxford Futures Forum

WFC Secretary-General Richard Brown has highlighted the need for evidence-informed care at a chiropractic forum at the University of Oxford. Oxford, the oldest university in the English speaking world, dates its existence as a centre of learning back to 1086.

In a presentation titled *Adjusting to Reality: The Indisputable Value of Evidence-Informed Care*, Dr Brown described how chiropractic practice had evolved over the past 30 years. Specifically, he referred the emergence of evidence-based practice and the implementation of guidelines and other research evidence. He emphasised the need for chiropractors to practice according to the triad of best available scientific evidence, clinical expertise and the preferences of patients and urged against the 'cherry-picking' of evidence of low quality to justify interventions.

Dr Brown's presentation was part of a day-long seminar which featured a UK audience representing practising chiropractors, all UK national associations, the Royal College of Chiropractors and the UK Chiropractic Patients'



Association. Associate Professor Richard Stevens, of the University of Oxford, delivered a fascinating insight into the world of biostatistics, while Dr Elisabeth Angier, Chair of the UK Chiropractic Research Council spoke of the need for all chiropractors to support research initiatives. Dr David Newell described how the use of evidence was evolving in the profession, while Dr Jonathan Field spoke of the value of patient-reported outcome measures.

The afternoon was spent in groups discussing the future of chiropractic, highlighting those steps that were necessary in order for the continued development of the profession. At an evening dinner, delegates networked in the historic setting of Brasenose College.

Commenting on the event, Richard Brown said: "This was an important seminar discussing issues relevant to all chiropractors, whether in research, education or practice. To be hosted in such a prestigious institute of learning was a fascinating experience and I congratulate the organisers, particularly chiropractor Dr Lawrence Dawson, a postgraduate student at the university."



Above: Dining Hall, Brasenose College, Oxford
Left: Richard Brown and Keble College, Oxford

Texas Chiropractors Retain Right To Diagnose In Face of Medical Association Pressure

A crisis facing chiropractors practising in the state of Texas, USA, which threatened their right to diagnose, has been averted.

Following actions by the Texas Medical Association and calls for the Texas Board of Chiropractic Examiners to be abolished by the state's Sunset Commission, national support was mobilised to oppose the action.

Threats to the rights and freedoms of Texas chiropractors followed a 2016 decision in the case of Texas Medical Association versus Texas Board of Chiropractic Examiners, where diagnosis was held to exceed a chiropractor's scope of practice.

The decision threatened not only chiropractors in the Texas. As the most powerful medical association in the United States, the decision had the potential to affect chiropractors' right to diagnose throughout the country. With the signing of Senate Bill 304,

Texas Governor Greg Abbott effectively overturned the decision of the lower authority.

The issue was not simply about diagnosis. The Texas Medical Association sought to remove a chiropractor's right to evaluate and diagnose and treat neurological conditions, the right to join in business agreement with medical doctors, osteopaths and podiatrists and the preservation of

an autonomous state board of chiropractic examiners.

Speaking on the Texas Chiropractic Association's website, Parker University President Dr Bill Morgan said:

"The stakes could not have been higher Had any of the legislation attacking chiropractic passed, it would have been locked in for at least two years since the Texas legislature only meets every other year. After the passage of that much time, there are no guarantees that such misguided regulations would be able to be overturned."

Dr Morgan paid tribute to leaders in the profession, including TCA President Dr Tyce Hergert (pictured, below left) who attended a summit meeting in January 2017 from which a strategic 'war council' was formed. He warned, however, that a civil suit continues, filed by the Texas Medical Association and challenging the right to treat neurological conditions (including subluxations). More information can be found at the Chiropractic Development Initiative website at www.chirotexas.org/CDI



Dr Tyce Hergert, President of the Texas Chiropractic Association



Dr Bill Morgan, President, Parker University, Dallas, Texas

American Chiropractic Association Partners with Spine IQ™ for Pivotal Initiative

The American Chiropractic Association (ACA) recently announced that it is partnering with The Spine Institute for Quality (Spine IQ™) to encourage doctors of chiropractic (DCs) to participate in the Spine IQ Conservative Spine Care Registry. Spine IQ, an independent not-for-profit organization, pursues a mission to define quality, demonstrate value and build trust through the use of clinical data registries for spine-related disorders.

“Spine IQ’s registry initiative is a visionary undertaking. The goal is to gather useful data to significantly benefit participating DCs and the consumer public. ACA believes that the registry will move spinal care forward. We are excited to partner with Spine IQ,” said ACA President David Herd, DC.

ACA will assist in publicizing the mission and work of Spine IQ and encourages DCs to participate.

The Spine IQ Conservative Spine Care Registry has been submitted to the Centers for Medicare and Medicaid Services (CMS) for approval as a qualified clinical data registry (QDCR) for the CMS Quality Payment Program

(QPP) Merit-based Incentive Payment System for 2017. The registry includes 27 performance measures, 24 existing QPP (previously PQRS) measures and three custom measures that are particularly relevant to chiropractic practice: change in pain intensity, change in pain interference and repeat X-ray imaging.

The Spine IQ computer-based QDCR provides the opportunity to gain insight into the natural history of spine-related disorders such as low back pain and neck pain, determine clinical effectiveness, enhance performance and demonstrate the quality of chiropractic care delivery.

“Our goal is to provide an easy-to-use tool that allows doctors of chiropractic to demonstrate best practices in conservative spine care management to patients, other health care providers and payers,” said Spine IQ CEO Christine Goertz, DC, PhD.

Spine IQ is headquartered in Davenport, Iowa. For more information about Spine IQ’s initiatives and how to register and participate, visit www.SpineIQ.org.



Right: Dr Christine Goertz DC, PhD, CEO Spine IQ

Concerns in Denmark After New Spinal Manipulation Legislation

Representatives of the Danish Chiropractors Association discussed manipulation and alternative healthcare recently at Folkemødet - Denmark's annual Political Festival, which this year took place on the island of Bornholm

Each political party is represented, giving the opportunity to hold a major speech. With all political parties on site, organizations such as the Danish Chiropractors' Association take the chance to take on politicians and discuss their own political issues.

This year the Danish Chiropractors' Organization along with the Organization of Danish Medical Societies challenged leading politicians on why they ignored medical facts and instead acted on unscientific emotions.

Danish actor and comedian Søs Egelind moderated the debate. At the center of discussions was new legislation coming into force on July 1, legalizing the practice of spinal manipulation for alternative

therapists.

The law was strongly opposed by doctors, chiropractors, insurance companies and patient organizations.

There are around 650 chiropractors in Denmark, practising in private clinics and in hospitals. Education is provided at the University of Southern Denmark. Authorization to practice independently is provided by the Danish Patient Safety Authority after successful completion of a one-year internship.

The Danish Chiropractors' Association (DCA) is the professional association organizing chiropractors and chiropractic students. DCA seeks to ensure that chiropractic is practiced under well-organized and regulated conditions. Since 2015, it has also been a member of the European Chiropractors' Union (ECU).

There is a strong emphasis on supporting research in Denmark and a proportion of every treatment fee is ringfenced for research.

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it's not what I do,
it's who I am!

?

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Speakers

Dr Josh Wagner
The Patient Mastery

John M Ventura
Spine Care partners: CRISP Protocol

Richard Brown
World Federation of Chiropractic

Michael Stone
Director of Bone research at Cardiff University

Peter McCarthy, Dave Newell,
Rocktape UK, Ulrik Sandstrøm,
Bianca Zeitsman

FICS at SportAccord - Sports Chiropractic on the Move

Sports chiropractors from around the world were in Aarhus, Denmark in April for this year's SportAccord meeting.

SportAccord brings together 91 international sports federations (IFs) for a range of sports disciplines; some well known, others less so, including flying disc and fistball

The International Federation of Sports Chiropractic (FICS) is an associate member of SportAccord. Each year a FICS delegation attends the annual SportAccord Convention (SAC) to represent the chiropractic profession and negotiate agreements with IFs for chiropractic services at their world and regional championships.

The 5-member FICS delegation was led by President Dr Pete Garbutt (Australia) and Past Chair of the FICS IFs Commission Dr Brian Nook (USA). For the second year FICS had a booth that gave excellent visibility, and results.

One goal was to complete agreements with IFs for chiropractic services at all their championships. Agreements were signed with the IFs for powerlifting, fistball and the Asian-based sports of kurash and sepaktakraw.

Similar agreements were agreed in principle, requiring only Board approval, with the IFs for American football, waterski and wakeboard, Muay Thai, and tug of war. FICS already has established partnerships with other IFs, such as the Ju Jitsu International Federation (JJIF).

A second goal was having appropriately qualified sports chiropractors appointed to IF Medical Commissions. Four IFs have agreed to this, starting with the International Powerlifting Federation (IPF) which is asking for two chiropractors for its medical commission.

"Our week in Aarhus at SportAccord was very successful," said Dr Garbutt, "and major thanks to the FICS IFs Commission Chair and Past Chair Dr Simon Lawson and Dr Brian Nook for making this possible."

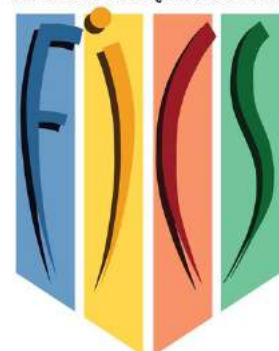
Next year's SAC will be held in Bangkok, Thailand, and FICS and its exhibit booth will be there again to promote chiropractic in the world of sport.

In the meantime FICS teams of volunteer sports chiropractors are off to many international games events. In June it was a 17-person team at the CSIT Workers World Sport Games in Riga, Latvia and in July there will be a 35-person team at the World Games in Wroclaw, Poland.



Dr Pete Garbutt (centre right) and Dr Brian Nook (centre left) with IPF officers at the FICS booth during the signing of the IPF agreement with FICS

FÉDÉRATION INTERNATIONALE
DE CHIROPRACTIQUE DU SPORT



UK Chiropractic Research Charity Funds Top University Research Initiative.

A chiropractic charity in the United Kingdom has announced funding for a brand new research initiative at one of the UK's leading primary care research centres.

The project, which will see chiropractic-related research conducted under the supervision of a dedicated Senior Research Fellow, will be based at the University of Southampton's Department of Primary Care and Population Studies.

The proposal from the CRC in conducting chiropractic-related research was approved by the Faculty of Medicine at Southampton in 2016. This initiative by the CRC is a major step forward for chiropractic research in the UK through promoting research that is relevant to the profession in a university department with extensive research collaborative links with other universities, a strong reputation in primary care research and very a successful track record in attaining research grant funding.

The importance of this development cannot be over-emphasised as it seeks to develop research capacity within the wider context of health research in the UK. The team that has been established consists of a part-time Senior Researcher post and two full PhD research

studentships over a 5 year period, all funded by the CRC. The longer term aim is to produce researchers in chiropractic who have the knowledge and skills to work within a multidisciplinary context and with the potential to collaborate with others to be successful in future grant applications.

As the first part of this initiative, the University of Southampton advertised for the post of the Senior Researcher earlier this year. We are very pleased to announce that Dr Dave Newell was successful in his application for the post and will start in this part-time role in September. At the same time Dave will continue in his current role as Director of Research at AECC but on a part-time basis enabling unique collaborative opportunities and sharing of best practice between research at the College and in a well-established university research department, as well as promoting research through robust collaborative links and networks throughout the UK. The main thrust of the work will be evaluating chiropractic services and how these can be integrated into mainstream health care services for musculoskeletal conditions in the UK.

The Chiropractic Research Council, established by the British Chiropractic Association in 2012, is a registered charity that is committed to supporting and disseminating research relevant to the practice of chiropractic for the benefit of chiropractic patients and the profession. Its Chair of Trustees is Dr Elisabeth Angier, a past vice-president of the BCA.



Above: Dr David Newell

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23 Clinical Trials	✓	✓	✓			
Compatible with Activator Methods Chiropractic Technique	✓	✓	✓			
Ergonomically Designed	✓	✓	✓			
Specifically Approved by Medicare	✓	✓	✓			
FDA Registered	✓	✓	✓	✓	✓	
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New Chiropractic Post-Doc to Focus on Injured Workers



The UOIT-CMCC Centre for Disability Prevention and Rehabilitation is also very excited to announce that Dr. Marc-André Blanchette recently started a Post-doctoral Fellowship under the supervision of Dr. Pierre Côté in the Faculty of Health Sciences at the University of Ontario Institute of Technology and the UOIT-CMCC Centre for Disability Prevention and Rehabilitation. His post-doctoral work will focus on understanding health care utilization in injured workers.

Marc-André Blanchette obtained his doctorate in chiropractic and a master's degree in kinesiology at the Université du Québec à Trois-Rivières. In 2017, he concluded his PhD in public health, with a speciality in epidemiology, at the Université de Montréal. His thesis was entitled: "First line of care for workers with occupational back pain: consultation time and first healthcare providers". During his PhD training, he also completed two CIHR's strategic training programs: the work disability training program at the University of Toronto and the training program in transdisciplinary research on public health interventions: Promotion, Prevention and Public Policy (4P) at McGill University.

Anglo-European College of Chiropractic – AECC Full Time and part time (0.5 FTE-21.75 hours) Salary £41,020 per annum

The AECC is a distinctive and specialist Higher Education Institution, internationally recognised for providing education and clinical training in chiropractic and other clinical subject areas, and is based in the cosmopolitan town of Bournemouth in the UK. The College welcomes applications for a faculty position within the chiropractic science area and related programmes.

The College is actively seeking applications for one full time and one part time faculty position within the chiropractic science area and related programmes. Duties will also include the supervision of clinical students in the outpatient clinic and supervision of research projects.

Applicants should have a chiropractic degree and appropriate clinical experience. Relevant academic and/or teaching experience at the undergraduate or postgraduate level will be an asset as would experience in clinical research.

Owing to the nature of this position, any offer of employment with the College will be subject to a satisfactory disclosure report from the Disclosure and Barring Service.

To apply and download the job description, please go to our website:
<http://www.aecc.ac.uk/about-the-aecc/vacancies/>.

Closing date: 14th July 2017, 9am

Cypriot and Italian Share 2017 ECU Humanitarian Award

Drs Dinos Ramon of Cyprus and Sven Boehne of Italy have been jointly awarded the 2017 ECU Humanitarian Award.

Dr Ramon, a 1967 graduate of Palmer College of Chiropractic, Davenport, Iowa. Upon graduation he moved to Famagusta to become the first chiropractor in Cyprus.

Following the 1974 invasion of Cyprus by Turkish forces, Dr Ramon was displaced along with 200,000 of his fellow Cypriots. At the same time 60,000 Turkish Cypriots were forced to move north to settle in this newly-divided country. Having lost his 32-room clinic, Dr Ramon set about caring for those affected by the conflict. For 9 months he spent his time moving between the makeshift camps in Nicosia, Limassol and Larnaca. Eventually, Dr Ramon resettled in the still-divided capital city of Nicosia, where he continues to practice today.

Dr Boehne was recognised for his work with firefighters following a strong earthquake in central Italy on 24 August 2016. The earthquake killed almost 300 people.

In the midst of the devastation and over 2000 aftershocks, Dr Boehne offered his services,



providing care to the Civil Protection service and the Red Cross who were working to extract people from the rubble.

[Pictured ECU President Dr Øystein Ogre presenting an ECU Humanitarian Award to Dr Sven Boehne]

Tokyo Chiropractic College celebrates class of '17.

The Tokyo College of Chiropractic (TCC) has recently celebrated another year of success with its 2017 graduating class.

Having started as the Japanese division of RMIT, Australia, TCC has been an independent teaching facility since 2012.

The chiropractic program at TCC is accredited by CCE Australasia until November 2021.

Chiropractic is not formally regulated in Japan; however, the Japanese Association of Chiropractors maintain a voluntary Register which currently contains over 500 registrants.



Canadian Chiropractic Association Chairs Coalition For Safe and Effective Pain Management

Opioids have quickly emerged as one of the primary means for managing acute and chronic non-cancer pain in primary care settings. With an estimated 2,400 Canadians dying annually from prescription opioids, it is clear that we are facing a national crisis.

In November 2016, the Honourable Jane Philpott, Canada's Minister of Health, called the Opioid Conference and Opioid Summit and the Canadian Chiropractic Association became one of five healthcare professions listed as a signatory of the official Joint Statement of Action to Address the Opioid Crisis.

Our commitment, as part of the federal government's opioid strategy, is to develop resources to promote a better approach to pain management at the practitioner level.

A Better Approach to Pain Management for Canadians

It was clear that the immediate focus of Canada's health minister was on those most at risk from opioids, but there was recognition that more needed to be done upstream to be reducing the number of new opioid users.

In January 2017, the CCA met with officials from Canada's Ministry of Health to discuss how to improve the integration of and access to chiropractic care in the current healthcare system. This was the impetus for the Canadian Chiropractic Association leading the formation of the Coalition for Safe and Effective Pain Management (CSEPM). We saw this as a key opportunity to bring together healthcare professions and other organizations with a shared interest in changing the conversation about how we approach pain management in Canada.

The CSEPM brings together professions who have an

important role in non-cancer pain management in primary care settings, including those who play a central role in helping patients in navigating their care options.

The coalition includes national associations for medical pain management, nursing, physiotherapy, psychology, pharmacy, occupational therapy, patient groups, and health system experts.

The role of CSEPM is to evaluate the most common reasons for opioid prescribing in primary care settings and develop recommendations for practitioners and the wider healthcare system to assist with patient navigation and prioritize clinical alternatives that can reduce reliance on opioids.

Updating the Joint Statement to Address the Opioid Crisis

On May 31, 2017, Health Canada added CSEPM as one of nine additional signatories to the Joint Statement of Action to Address the Opioid Crisis. The recommendations being made by CSEPM have important credibility.

CSEPM started its work in February 2017, with the goal of a final report with recommendations later this year.



*Ms Alison Dantas, Chief Executive Officer,
Canadian Chiropractic Association*

Association
chiropratique
canadienne



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New Evidence-Based Guidelines For French Chiropractors

Chiropractors in France have new evidence-based clinical guidelines thanks to an initiative funded by the WFC member association, Association Française de Chiropraxie (AFC).

In association with the ECCE-accredited Institut Franco-Européen de Chiropraxie (IFEC) and the French Foundation for Chiropractic Research (FDRC), the AFC, Chaired by Dr Philippe Fleuriau, commissioned a researcher, Dr Nadege Lemeunier DC, PhD, to develop comprehensive clinical guidelines.

Dr Lemeunier's post-doctoral fellowship has been supervised by Dr Pierre Coté at the CMCC-UOIT and has focused on the management of neck pain and associated disorders.

In May 2015, the "Haute Autorité de Santé" (HAS) agreed to participate in this project, approved these evidence-based recommendations (as a "Fiche Mémo") and published them on their website in January 2017. The HAS is an independent public authority that aims to improve the quality and efficiency in the health

system through regulations. Its mandate includes the evaluation of health technologies, professional practices, organization of care and public health to ensure that all access to have effective and safe care. The HAS also designs and distributes tools, guides and methods to improve the management and implementation of safe and effective health care practices. The priorities of the HAS are decided annually in collaboration with the Ministry of Labour, Employment and Health and the national health insurance fund for salaried workers.

The evidence-based recommendations, called "Fiche Mémo" for the diagnosis and treatment of neck pain therefore follow the HAS methodology. These "Fiche Mémo" provide key unambiguous recommendations or key messages to improve the triage of neck pain, and assist with evidence-based decision making for chiropractors in France. The "Fiche Mémo" include a decision-making algorithm that is relevant to chiropractors' scope of practice.



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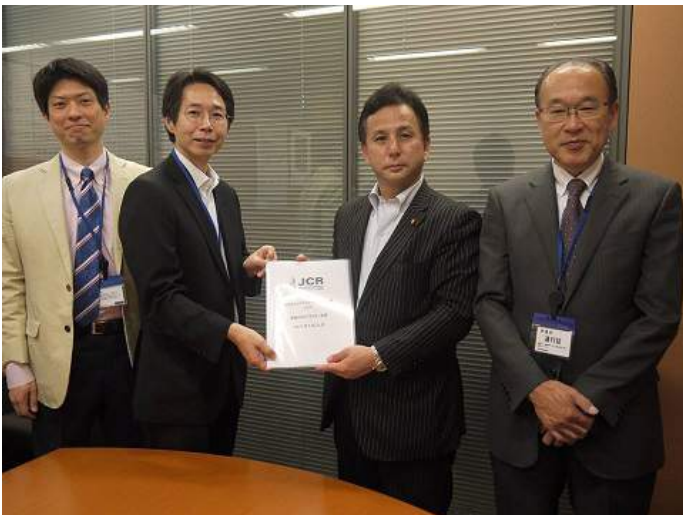


WORLD **SPINE** DAY
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Japanese Register appoints Member of Parliament as New Chair

The Japan Chiropractic Register (JCR) has announced the appointment of Dr Kiyohiko Toyama, Member of Parliament from one of Japan's current ruling party as the new chairman. With his assistance, the JCR has much closer relationship with the Ministry of Health, Labour and Workforce and formal regulation for chiropractic is pursued in Japan..

Dr Kiyohiko submitted the list of 521 registered chiropractors to Dr Teiji Takei, director of the Medical Professions Division, the MHLW on May 24 2017. Dr Kiyohiko has also put forward a recommendation for the establishment of chiropractic as a form of health care providing access for visitors from overseas to access to the WHO-standards chiropractors by referring the JCR registration system.



(L to R) Dr Kei Takeyachi, JAC president; Dr Teiji Takei, MHLW director of medical professions division; Dr Kiyohiko Toyama, JCR chairman and MP; Dr Yoshihiro Murakami, JCR council member

Philippines Medical Students Exposed To Chiropractic



UP Medicine, the country's top medical school has been sending third year medical students to observe chiropractic care delivered in clinics in the Philippines.

Part of the immersion is a short lecture on Chiropractic Healthcare and Philosophy followed by Clinical Rounds followed by a Round table discussion, ending with students themselves experiencing chiropractic adjustments.

President of the Association of Philippines Chiropractic Physicians, Dr Martin Camara, said: "This is an excellent development and there was much interest in what chiropractors do. Many students enquired about chiropractic as a profession and the required training. It's been interesting sharing our perspectives."

Meanwhile, in other news, support from a range of bodies has been expressed for the statutory regulation of chiropractic in the Philippines. President of the APCP Dr Martin Camara reports expressions of support for regulation from the Philippines Medical Association, College of Surgeons, the Philippines Physical and Occupational Therapists associations, Rheumatologists and others.

New CARL Fellows Attend Danish Summit Meeting

The newly formed Chiropractic Academy of Research Leadership (CARL) has held its first summit meeting.

Thirteen gifted researchers met in Denmark in April for a week of inspiring and informative research mentorship.

Meetings at the University of Southern Denmark (USD) and the Nordic Institute of Chiropractic and Clinical Biomechanics took part in a range of activities to build knowledge within a cohesive group. The Fellows heard presentations from researchers in management theory and practice, career pathways and leadership.

They were also introduced to NIKKB, funding possibilities and opportunities at NIKKB.

CARL is an international researcher development program with participants from all over the world. The program strives to develop the most promising young researchers in chiropractic worldwide.

CARL is the brainchild of Jan Hartvigsen, Professor and Head of Research at USD; Greg Kawchuk, Professor at the University of Alberta in Canada and Jon Adams, Professor at the University of Technology Sydney in Australia.

The CARL programme aims to both strengthen leading young researchers' possibilities and create a network between them, utilizing their talent to ensure future research in chiropractic through a mentoring scheme and focused career- and researcher education.

Professor Jan Hartvigsen said: "We hope to create a global elite in chiropractic research

through this network of young researchers. It is our intention to bring the CARL network together for summits in Edmonton in 2018 and again in Sydney in 2019".

CARL is off to a promising start. The summit in Odense was an important first step towards achieving the programme's ambition; it accomplished the objectives set out beforehand and set high standards for the coming summits in Edmonton in 2018 and Sydney in 2019. If the summit in Odense is anything to go by, the coming summits should be pretty exciting affairs.

CARL has been established with the financial support of the World Federation of Chiropractic, the European Centre for Chiropractic Research Excellence and the Canadian Chiropractic Association. IOB and NIKKB also contributed financially to the holding of the Danish summit.

Follow the CARL Fellows on Facebook by typing CARL Fellows in the search field and on twitter by typing @carlfellows2017 or #carlfellows.



Participants at the Chiropractic Academy of Research Leadership 2017 Summit

ECCRE awards 2017 research grants

Studies in infantile colic and function assessment succeed in grant applications

During its meeting in connection with the ECU convention in Cyprus, the board of the European Centre for Chiropractic Excellence (ECCRE) considered the applications for research grant received in 2017.

After careful consideration, the board decided to award grants to two research projects, sharing almost EUR 100,000 between the two projects.

Norwegian researcher Ellen Aartun and Danish researcher Live Vilstrup Holm lead the two projects, which have been awarded grants by ECCRE in this year's distribution of research funds by the organization.

Ellen Aartun and her co-investigators receive EUR 55,479.00 as co-funding of their research project *"Development of an ICF-based assessment schedule for manual medicine"*. Ellen Aartun and her co-investigators aim to develop an assessment schedule, which captures the complex nature of disability in patients with low back pain who are treated with manual medicine in the form of manipulation and mobilization.

The need for such a tool arises because manual medicine clinicians currently have no instruments or methods available to comprehensively document and assess the functioning and disability of patients with low back pain.

The development of the new tool will provide the means to collect clinical and research disability data across borders and professions and assist clinicians in developing treatment plans, which target the functional needs of patients. This will improve clinicians' management of patients.

Lise Vilstrup Holm (pictured, below) and her co-investigators receive EUR 43,683.00 as co-funding of the research project *"The effect of chiropractic treatment on infantile colic: a randomized controlled single-blind trial"*

The main purpose of this project is to investigate the effect of chiropractic treatment on infantile colic and to contribute to establish the effect of this treatment on infantile colic in an area where limited evidence exists.

The results of the study will be highly relevant for all new parents seeking chiropractic care for their child's colic.

Furthermore, the results will support healthcare professionals in guidance of parents on an evidence based level, which does not exist on a sufficient level today.

The deadline for applications for research grants from ECCRE in 2018 is Monday, February 1st, 2018. The relevant forms can be sourced at www.eccre.org



Lise Vilstrup Holm



EUROSPINE Spring Speciality Meeting

26–27 April 2018

Austria Trend Hotel Savoyen, Vienna, Austria

Prevention Strategies of Spinal Disability
a Global Burden and a Concern for All Communities



Course Chairs:

Margareta Nordin – Romorantin, France

Michael Ogoni – Vienna, Austria

Pierre Côté – Toronto, Canada

AECC Collaboration Goes Interstellar

The Anglo-European College of Chiropractic (AECC) is collaborating on a mission that takes 'one small step' on humanities' continued journey in space, by supporting astronaut's spines.

The project is led by the Centre of Human and Aerospace Physiological Sciences (CHAPS) at King's College London, the European Space Agency (ESA) and builds upon funding from the Radiological Research Trust.

It explores the potential of ESA's SkinSuit to support and load the spine mitigating spinal elongation and deconditioning associated with living and working in microgravity i.e. space.

The SkinSuit is a 'skintight garment' comprised in part of a bi-directional elastic weave that imparts a cumulative axial loading towards the foot, in essence loading your body in a manner akin to that of gravity on Earth (see below image).

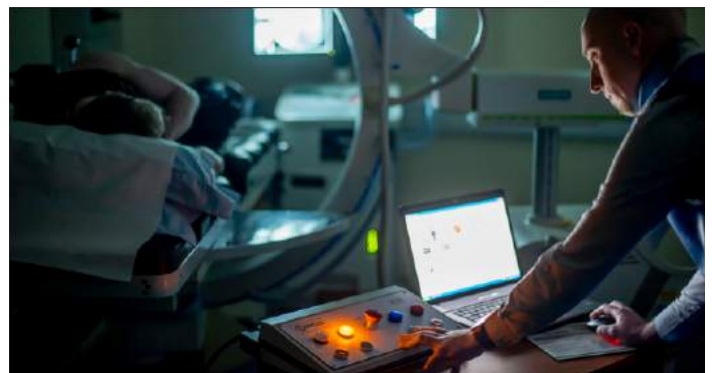
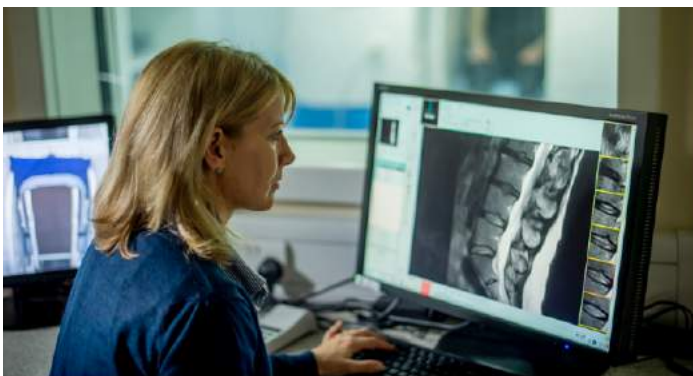
A consequence of this continued unloading when in microgravity is becoming 'taller' by up to 7cm. This can be accompanied by lower back pain in-flight, deconditioning of spinal muscles and a 4-fold increase risk of disc herniations on return to Earth.

In the USA, scientists working with NASA are

using the Objective Spinal Motion Imaging Assessment (OSMIA) system, developed at the AECC, to study astronaut spinal mechanics after spaceflight, finding that the discs are 'stiffer' during movement, which may be attributed to disc swelling.

AECC's Institute for Musculoskeletal Research and Clinical Implementation (IMRCI) and the Bournemouth Open Upright MRI team have worked closely with King's and ESA to support this novel study that will test a group of volunteers whom get to sleep overnight on a 'Hyper Buoyancy Floatation' bed (developed by King's College London) in the AECC Student Clinic.

The bed will lead to elongation of the volunteers via unloading their spines in a manner similar to microgravity. In the morning the volunteers will undergo OSMIA and MRI scans twice having performed the study twice, once wearing the SkinSuit and the second without. The project is being undertaken by King's College London PhD Student Phil Carvil under the supervision of Dr David Green (project lead for the SkinSuit, King's/ESA), Professor Thais Russomano (King's) and IMRCI's Professor Alan Breen (AECC).



Top Award For Norwegian Researcher Ellen



Ellen's research was conducted in collaboration with researchers from the ICF Research Branch – a cooperation partner within the WHO Collaborating Centre for the Family of International Classifications in Germany and the Swiss Paraplegic Research.

Ellen's scoping review involved searching the literature, extracting data from studies that measured disability, synthesizing the evidence, and mapping the evidence on the WHO's International Classification of Functioning, Disability, and Health (ICF).

Ellen's work was supervised by Dr Pierre Côté, Canada Research Chair in Disability Prevention and Rehabilitation and Director of the UOIT-CMCC Centre for Disability Prevention and Rehabilitation.

On receiving her award, Ellen paid tribute to the assistance of Dr. Hainan Yu and Anne Taylor-Vaisey for their collaboration on the scoping review.

An emerging Norwegian researcher has been recognized for her work at the European Chiropractors' Union Convention in Cyprus.

Ellen Aartun received the "EAC Jean Robert Research Award – Prize for Best New Researcher" in recognition of the exceptional work that she conducted during her postdoctoral fellowship at the University of Ontario Institute of Technology and the UOIT-CMCC Centre for Disability Preventions and Rehabilitation.

Her post-doctoral work included a scoping review of the literature on functioning and disability in patients with low back pain who are treated with manual medicine.



Above Left: Dr Ellen Aartun

Above: Swiss Paraplegic Institute, WHO Collaborating Centre

Macquarie Announces Professorial Appointment to Chiropractic Department.

Macquarie University has announced that Professor Simon French (pictured below) has accepted appointment as Professor of Musculoskeletal Disorders, commencing October, 2017. Professor French has significant experience in the development and delivery of university teaching and learning at all levels, in addition to a demonstrated passion and high performance in research on musculoskeletal disorders. A chiropractic graduate of RMIT University, after practising as a chiropractor for



10 years, Simon undertook his PhD at the School of Public Health and Preventive Medicine, Monash University. His doctoral research was supported by a NHMRC PhD scholarship, and his subsequent post-doctoral work at the University of Melbourne was supported by a NHMRC Early Career Fellowship. Simon is now returning to Australia to take on the Macquarie University position after holding the Canadian Chiropractic Research Foundation Professorship in Rehabilitation Therapy at Queen's University, Canada, since 2013.

Professor French's research has been primarily focused on understanding, informing and improving healthcare practices. His research aims to improve the quality of healthcare, leading to better outcomes for people with musculoskeletal conditions. Head of School at Macquarie, Dr Rosemary Guirriato said:

"We welcome Simon on a personal level and are delighted that he has accepted our invitation to join the Chiropractic Department.

"This appointment represents an important milestone and development in promoting the evidence-base of the chiropractic profession, by strengthening the research capacity and infrastructure within the department for the benefit of future graduates".

About Macquarie University

Located in Sydney, New South Wales, Australia, Macquarie University's Department of Chiropractic is led by Dr Rosemary Guirriato..

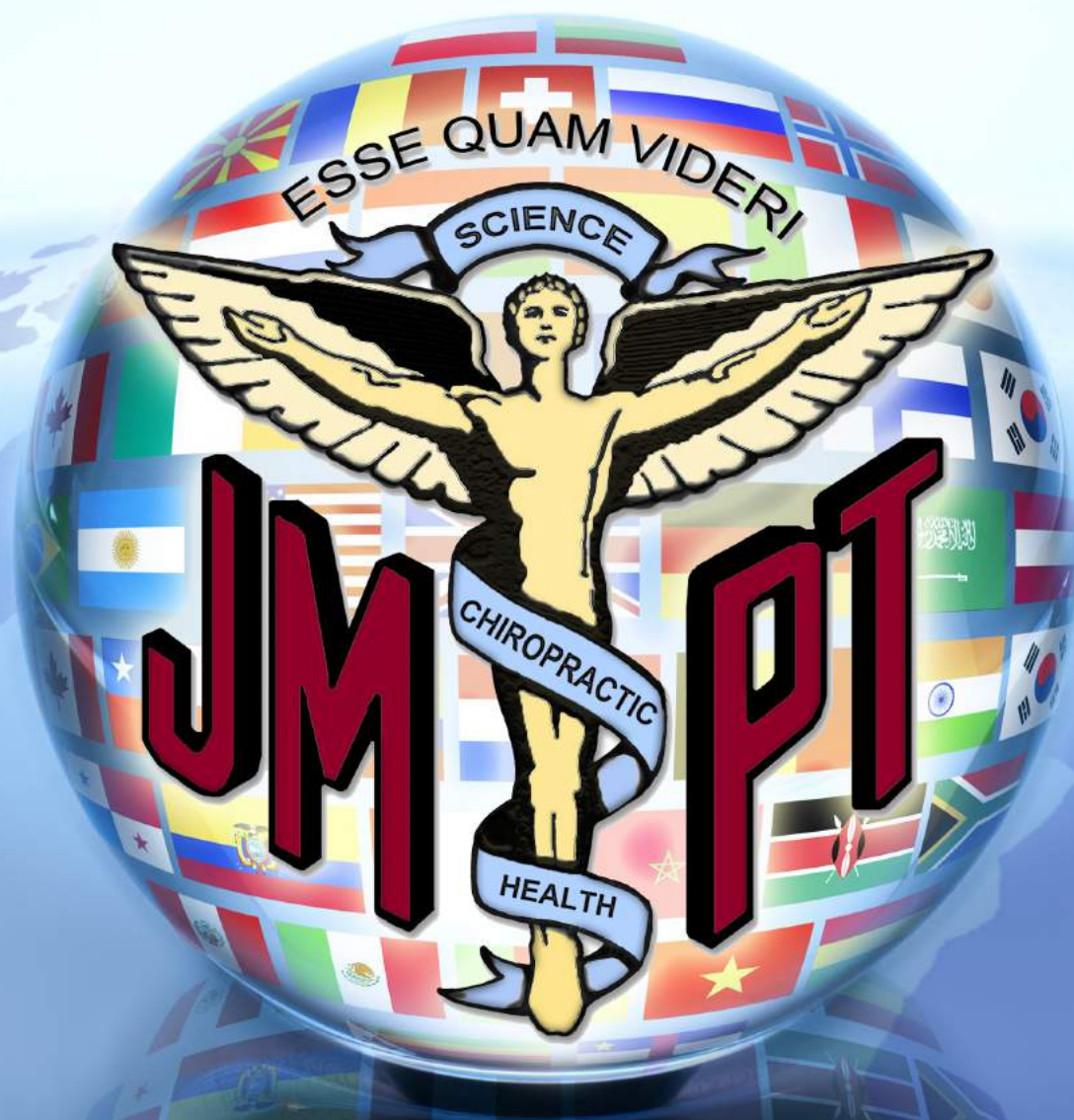
With a strong focus on producing evidence-based, musculoskeletal-focused chiropractors, Macquarie has a strong focus on research.

Macquarie University's chiropractic program is accredited by CCE Australasia and comprises a three-year undergraduate and two year Masters program,



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New history book chronicles chiropractic in the Eastern Mediterranean

Two prominent figures in the chiropractic world have come together to write a fascinating account of the profession's history in the Eastern Mediterranean and Middle East region.

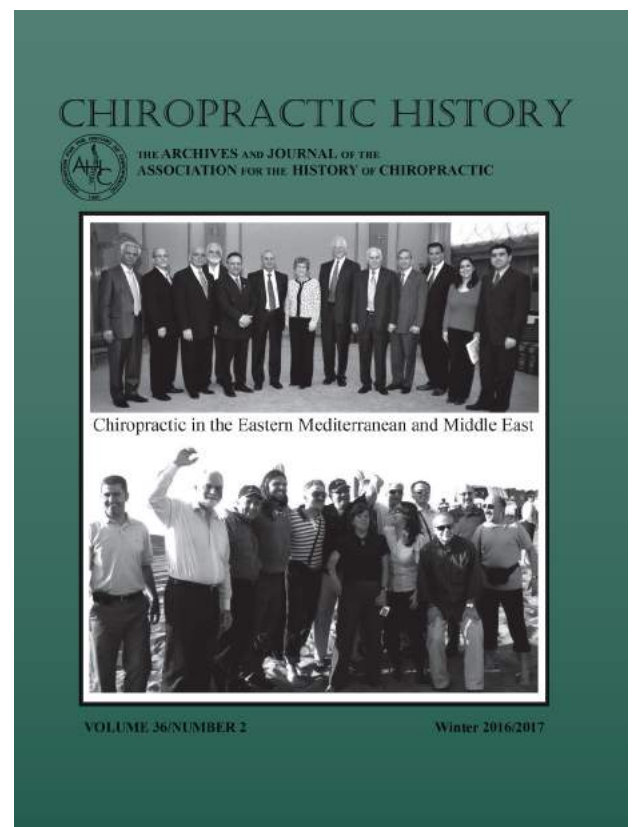
Published by the Association for the History of Chiropractic, the richly-illustrated paper sets out the development of the profession. "Chiropractic in the Eastern Mediterranean and Middle East" was the lead article in *Chiropractic History*, volume 36(2), Winter 2016/2017 and is now available to order.

Authored by well-known chiropractic historian, Alana Callender and past president of the WFC, Efstathios (Stathis) Papadopolous, the work was been a labour of love after they jointly agreed in 2009 to collaborate on a project to document a history of chiropractic in the Middle East. The publication follows an extensive literature search to discover the history, evolution and current presence of chiropractic in countries of the Middle East/Eastern Mediterranean. This was bolstered by a survey, developed and distributed in Spring 2013 to individual members associated with the Eastern Mediterranean and Middle East Chiropractic Federation (EMMECF). In each country the authors found a group of chiropractic pioneers with a story to tell; their trials, tribulations and experiences. The sum of these stories make up the history of chiropractic in this region and are now collated in this new publication.

The Eastern Mediterranean and Middle East Region of the World Federation of Chiropractic represents 16 member states. In 2006, with support from the WFC, Dr Papadopoulos visited Lebanon and the UAE on a fact-finding tour of the region, shortly afterwards hosting a regional chiropractic meeting in Cyprus. He commented:

"As it turned out, my visit to the area and the meeting in Cyprus was the best formula to 'kick start' the region by acting as a catalyst to encourage young leaders to work for the profession in their countries and our region. The rest, as they say, is history!"

Copies of "Chiropractic in the Eastern Mediterranean and Middle East" (US\$ 19) or copies of the journal (US\$ 50) are available from the Association for the History of Chiropractic by emailing ahc1895@gmail.com.



Above: Cover of *Chiropractic History of the Eastern Mediterranean and Middle East Region*.

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