

Quarterly World Report

OCTOBER 2018



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Evidence-based care: a very real triad

Dr Laurie Tassell, WFC President

Keeping up with ever-increasing volumes of data is a challenge for any practicing clinician. With literally thousands of scientific papers being published every year and guidelines being updated constantly, realistically implementing 'best available scientific evidence' is unfeasible. It is no surprise that for many health professionals, the challenge to practice evidence-based care can be daunting.

Chiropractors are not immune to the pressures associated with practicing evidence based care. Like their counterparts in other health professions, they must balance the need to stay up to date and modify their clinical practice with the everyday demands of seeing patients and running their practices. Whilst not denying the importance of research, most chiropractors will agree that its implementation into real life practice is by no means a straightforward exercise.

It's important that we see published guidelines and reviews in the context of the entirety of evidence-based care. In caring for our patients we are on a never-ending journey of discovery and learning. We acquire knowledge from every encounter. We learn from the attitudes and beliefs of the unique individuals

"In caring for our patients, we are on a never-ending journey of discovery and learning."



we serve. We develop a sense of what works and what doesn't and an understanding of our own personal limitations. Intuition can become a sixth sense and we quickly learn to ignore our gut feeling at our peril. Essentially, as our experience grows, so do our skills as

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NEWS ITEMS

The WFC welcomes news items, digital images and feature stories to include in the QWR. Send all submissions to rbrown@wfc.org. Please note all submissions may be subject to editing.

QWR ADVERTISING OPPORTUNITIES

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Evidence-based care: a very real triad (continued)

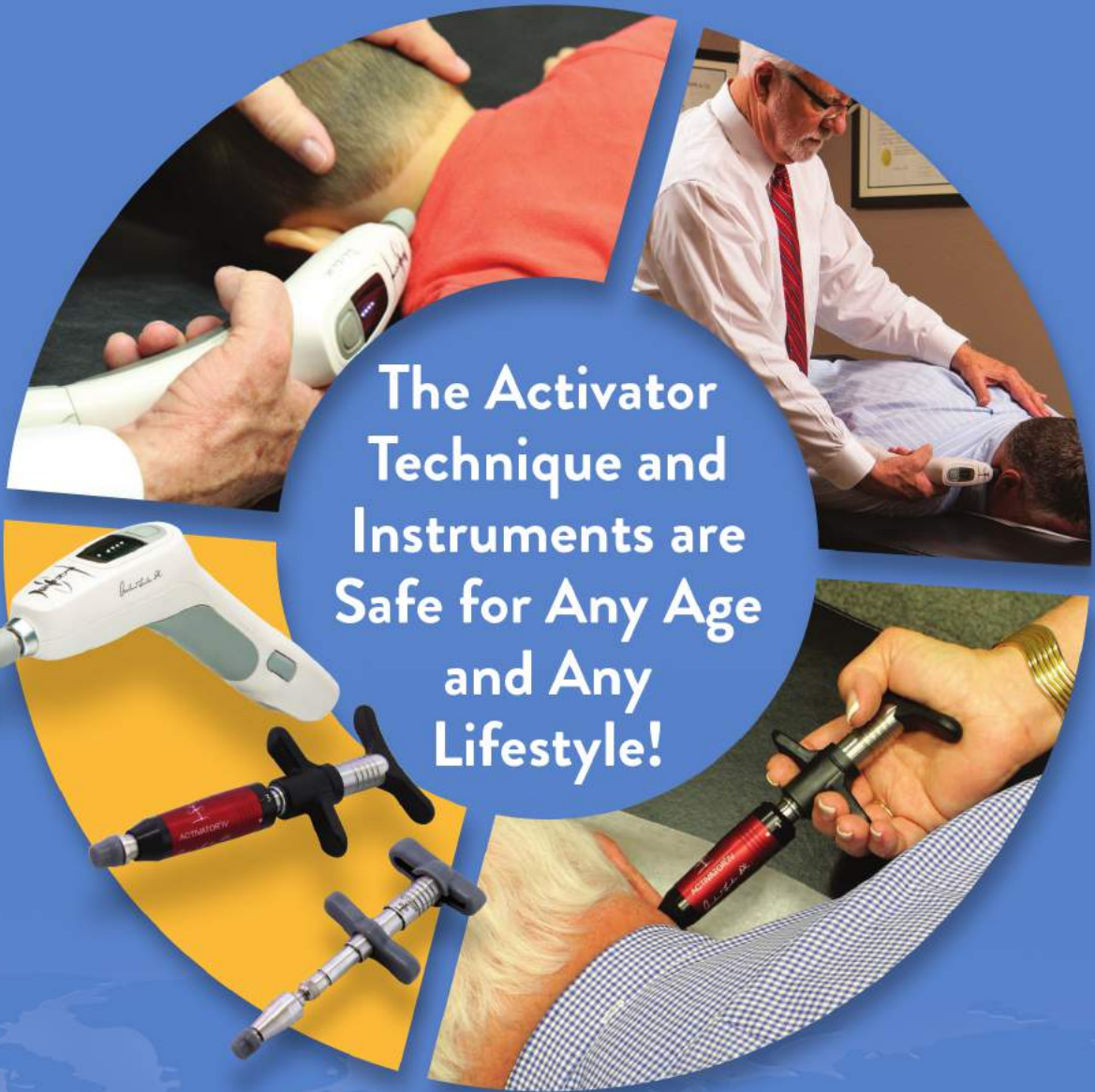
clinicians and the value to those we serve. To overlook the contribution of personal clinical experience to the paradigm of evidence-based care is therefore to ignore the art of delivering true patient-centered health. At the same time, the application of our knowledge and skills must be tailored to the needs and preferences of individual patients. Not all guidelines are applicable and not all science is relevant. The World Health Organization constantly reminds us of the social determinants of health, those social, economic, environmental and political factors

"All of us have a duty to support and celebrate research and innovation and to unite in an unending quest to continuously learn and better serve our patients"

that influence people's experience of health. As the WFC, when we talk about evidence-based care, we must be mindful of different societies, communities and cultures in which chiropractors practice. Social norms, beliefs about causes of disease, and religious influences all present circumstances that mean we have to demonstrate versatility and adaptability to the way we practice chiropractic. Again, it is the art as well as the science that is fundamental to our work as clinicians.

As the WFC urges every chiropractor to #BeEPIC, we understand that evidence-based care is a very real triad of factors, each of which has a bearing on every single patient encounter and on the outcomes they may experience.

All of us have a duty to support and celebrate research and innovation and to unite in an unending quest to continuously learn and better serve our patients. In Berlin next March, chiropractors from around the world will gather with this aim in mind at EPIC2019. I urge you to be one of them. Join with us, celebrate the art, science and philosophy of chiropractic and share the excitement of being a chiropractor. Our time is now. **LT**



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Taking care of chiropractic's most valuable assets.

Over the past few weeks, many students around the world have embarked on their chiropractic journey. For some, it will be the realization of a lifelong dream, having experienced the benefits of chiropractic care for their entire lives. Some will be continuing a family tradition, with generations before them having been chiropractors. Some will have had no connection to chiropractic at all, but will have been inspired to pursue a career in health care that did not rely on the use of drugs or surgery.

Regardless of what has prompted these young men and women to dedicate their lives to chiropractic, they will be making a commitment that will change their lives forever. During their years as students, they will experience every emotion, whether it be the elation of achievement or the disappointment of temporary setback. They will establish lifelong friendships and some will find life partners. Some will suffer the grief of losing loved ones and some will battle their own health crises.

As these students navigate the challenges of their chiropractic programs, life will go on around them. They will be expected to pass exams and to perform in OSCEs and learn to adjust with masterful dexterity and confidence and do all of the things that chiropractic students do. Yet just as we are told to be people-centered and to recognize that every patient has individualized needs and preferences, so must we recognize that every chiropractic student is unique and will carry their own unique life experiences with them as they progress towards graduation.

With mental health issues being a far distant first in the global burden of disease, it is perhaps inevitable that they dominate across all age groups and populations. Studies have shown a high prevalence of mental illness in chiropractic students that mirror those in other health professions.

The high intensity of a demanding curriculum, peer pressure and balancing studies with external pressures are all thought to play a part. Female students have been shown to be significantly more affected than their male counterparts, with

depression, mood swings and substance abuse the most common manifestations. Student services thankfully now provide counselling support on most campuses but not all in need will access them.

We frequently hear that education is the cornerstone of the chiropractic profession. It is our students upon whom the future success of our profession depends. Appreciating the burden and sacrifices that many are making, we have a collective responsibility to welcome, to nurture, to support, to guide and to listen to our future colleagues. They are the future custodians of chiropractic.

I am privileged to visit campuses around the world and spend time with students. It is truly one of the most rewarding aspects of my work. Chiropractic is blessed with a driven, dedicated and enthusiastic student population as we shall see later this month on World Spine Day when they will, quite literally, be the backbone of global activity in raising awareness of spinal disability.

Wherever we are and whenever we can, let's do all we can to take care of the profession's most valuable assets. **RB**





Faculty of Medicine / Balgrist University Hospital

The Department of Chiropractic Medicine at the Faculty of Medicine, University of Zurich, and Balgrist University Hospital seek to fill the position of an

International Chiropractic Research Fellow

at a post-doctoral level to perform independent research. This is a three-year position with the potential for subsequent career opportunities at the University of Zurich.

Our goal is to foster academic research in the field of chiropractic medicine and to strengthen the chiropractic research focus at the multidisciplinary Balgrist University Hospital. We are promoting clinical or basic science research programs aimed at advancing the understanding of musculoskeletal pain conditions and / or chiropractic treatment mechanisms.

The International Chiropractic Research Fellow is offered the opportunity to establish his/her research program at the Balgrist University Hospital and the University of Zurich in collaboration with the Integrative Spinal Research Group (<https://www.balgrist.ch/forschung-lehre/forschung-chiropraktische-medizin/>) of the Department of Chiropractic Medicine. The Balgrist University Hospital (<https://www.balgrist.ch>) offers a unique setting for the study of musculoskeletal pain conditions and collaborative opportunities with related medical disciplines including rheumatology, neurology and orthopedics. Its research arm, the Balgrist Campus (<http://www.balgristcampus.ch>) is a multidisciplinary environment with research groups investigating musculoskeletal health problems from different angles. Experts come together from a large range of medical and non-medical fields, including neurosciences, health sciences, molecular biology, engineering and robotics. The Balgrist Campus offers a modern, state-of-the-art work environment with several core facilities, such as human testing rooms, wet labs, a movement analysis laboratory, and MR imaging.

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WFC Supports Chiropractic in Eastern Mediterranean With Regional Seminar.

The WFC was in Larnaca, Cyprus in September to support the 5th Eastern Mediterranean and Middle East Chiropractic Federation (EMMECF) Congress.

Sponsored by Palmer College of Chiropractic, the Congress principally focused on sports chiropractic, with FICS Executive member and Palmer West Associate Dean of Academic Affairs, Dr Brian Nook, presenting two days of sports-specific, hands-on extremity adjusting.

Dubai-based chiropractor, Dr Paul Cheung, gave a fascinating presentation in relation to his career in sport. Describing his years as official chiropractor to the Formula One Red Bull Racing Team, Dr Cheung talked about the many and varied roles he played in this capacity, as well as his work in professional soccer and other sports.

Finally WFC Secretary-General spoke about

the work of the WFC in general and delivered a presentation on the opportunities for chiropractors in the area of Healthy Ageing.

The EMMECF also held its Annual General Meeting, which discussed the challenges currently being experienced in the region due to unrest and conflict and where chiropractors were practicing under difficult circumstances. Dr Brown was invited to address the meeting, during which he pledged the continuing support of the WFC in helping chiropractic to advance in the Eastern Mediterranean region.

He thanked Dr Stathis Papadopoulos, WFC Council member for the region, President of the EMMECF and President of the Cyprus Chiropractors Association for his unceasing work over many years to develop chiropractic in the region.



Excitement mounts amidst release of draft program as registration opens for WFC ECU Berlin Congress

The much-awaited draft academic program for the joint 15th WFC Biennial Congress and 78th ECU Convention has been released on the Congress website EPIC2019.net.

With an unprecedented host of speakers from around the world, the packed program features sessions that are guaranteed to attract a global audience to Germany's capital city of Berlin.

The Congress, themed **EPIC2019: Global Opportunities in Spine Care** will focus on four key elements: evidence-based practice, patient-centered care, interprofessional teamwork and collaboration with patients and their families.

Keynote speakers for EPIC2019 include **Dr Jeremy Howick**, an empathy expert and author of the best-selling book *Dr You*, and **Julian Treasure**, a sound and communication expert and five-time TED speaker, whose talks have been downloaded over 50 million times.

With inspiring thought leaders and stimulating debates come groundbreaking scientific presentations and workshops on a wide range of chiropractic specialty areas, including biomechanics, pediatrics, neurology and diagnostic imaging.

A superb social program comprises a German Party Night at Wasserwerk, one of Berlin's most prestigious event locations,



and a glittering Gala Banquet at the Maritim Hotel.

The event will take place in the iconic Maritim Hotel, a four-star-plus hotel in the center of Berlin, just a short walk from the tranquil Tiergarten Park and the bustling Potsdamer Platz. Built in 2005 in the Art Deco style, the hotel features a swimming pool and spa as well as sumptuously furnished rooms. The Maritim's Grand Buffet Breakfast is included in the EPIC2019 rate.

An unbeatable delegate package has been put together, with exceptional guestroom pricing. Junior and Executive suite upgrades are available.

Registration is now open, so don't delay. Book now at EPIC2019.net To guarantee your place in Berlin next March. We look forward to seeing you there!

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WFC on Campus at Palmer Florida

WFC Secretary-General Richard Brown was given a tour of the campus and addressed students and faculty when he visited Palmer College of Chiropractic's Florida Campus in August.

Welcomed by Palmer Florida's President, Dr Peter Martin, Dr Brown was shown the facilities at both the main campus and at the student clinic.

Over 800 students are currently enrolled on the Doctor of Chiropractic program at the Florida campus, which is situated in the town of Port Orange near Daytona Beach.

Dr Martin, a 1968 graduate of Palmer College of Chiropractic, has been President of the Florida campus since 2005. He is also a past president of the Council on Chiropractic Education.

Following the tour, Dr Brown presented a lecture to students and faculty in the Standard Process Student Services Center, describing the work and mission of the WFC around the world. He commented:

"This is one of the most impressive campuses to study chiropractic, led by a clearly committed senior management team and an enthusiastic student body.

"It's an honor to be here and have the opportunity to spend time with such a well-respected leader as Dr Martin."



Above: Dr Peter Martin (left), President of Palmer College of Chiropractic's Florida campus, with Richard Brown.

Below: Palmer College of Chiropractic (Florida) main campus building.



WFC Suggested Reading List Adds Maintenance Care to Curated Lists

The WFC Research Committee has added a further top ten list of research papers to its Suggested Reading List, Chair Professor Greg Kawchuk recently announced.

The list, which covers the area of Maintenance Care, is curated by Research Committee member, Dr Iben Axen, who has published widely in this subject area.

The list, which can be accessed at wfc.org/readinglist includes the latest

research demonstrating the benefits of ongoing preventive care for patients who have suffered episodes of acute spinal pain.

The Suggested Reading List now contains 24 separate topic areas each curated by a Research Committee-appointed content leader.

The site is free to access and contains many papers that can be downloaded in full without charge.

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WFC Research Vice-Chair Goertz Appointed To U.S. Healthcare Leadership Role

Vice-Chair of the WFC Research Council Dr Christine Goertz has been named as the Vice-Chair of the Board of Governors of the Patient-Centered Outcomes Research Institute (PCORI).

PCORI is an independent, non-profit, non-governmental organization that was established by Congress in 2010 through the Patient Protection and Affordable Care Act. It is based in Washington DC, USA.

PCORI was established to help fund research that can help patients and those who care for them make better informed decisions about the healthcare choices they make every day, guided by those who will use that information.

Since 2012, it has funded hundreds of studies that compare healthcare options to learn which works best.

Dr Goertz was officially appointed by Gene L. Dodaro, Comptroller General of the United States. Her term of office will be for three years ending in September 2021.

Dr Goertz received her Doctor of Chiropractic degree from Northwestern Health Sciences University and her PhD in Health Services Research, Policy and Administration from the University of Minnesota. She has served in a number of senior research roles and has extensive experience in the administration of Federal grants.

Until recently, Dr Goertz was Vice-Chancellor



(Research and Health Policy) at Palmer College of Chiropractic, Davenport, Iowa. She is the founder and CEO of the Spine Institute for Quality (spineiq.org), an organization dedicated to improving the quality of conservative spine care through data registries, clinical benchmarks, education, research and patient engagement.

Speaking on her appointment, Dr Goertz said: "Hard work on the part of our Board, dedicated staff, funded scientists, patients, clinicians and other stakeholder advisers is now yielding results that can make a difference in the lives of patients. I encourage all doctors of chiropractic to sign up for PCORI's electronic newsletter by visiting our website PCORI.org to learn more about PCORI's research findings. I am proud of the work that PCORI has accomplished thus far and even more excited about our future."



Research supports the validity of chiropractic care . . .



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ncmic.com/research

* <https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/Low-Back-Pain-Fact-Sheet>
Collaborators on the research project include University of Minnesota, Oregon Health and Sciences University, Duke University and the University of North Texas.

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WFC Announces New Corporate Partnership with Serola Biomechanics Inc.

The WFC is delighted to announce a new corporate partnership with Serola Biomechanics Inc.

Founder, Hawaii chiropractor Dr Rick Serola is a man who is rarely satisfied with the status quo. Severely injured playing sports when he was still in his twenties, he learned about the fragility of the human body first hand.

He worked hard at recovering from his injuries seeking help from traditional medicine, osteopathy and, finally, chiropractic, whose treatment methods substantially reduced his pain Yet three years later he still had trouble driving a car and could not walk more than a few blocks without resting.

In 1988, Dr Serola found that his patients improved substantially with sacroiliac stabilization. During 30 years of research into

biomechanics, he developed the Musculoskeletal Integration Theory.

Dr Serola says: "As our core structure, the sacroiliac joint is shown to synchronize with the rest of our body in normal movement and response to injury, as a single harmonized system.

"The result of our research has helped to create many innovative and high-quality products, including the Serola Sacroiliac Belt."

Now the Serola belt is being used to provide pain relief and help prevent injury to thousands of people throughout the world.

Dr Serola's products have earned him a listing in the Who's Who of American inventors.

For more information about Serola Biomechanics, visit serola.net.

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WFC Supports Global Spine Care Initiative at FCA

The WFC was represented during a plenary presentation given by the Global Spine Care Initiative (GSCI) in August at the Florida Chiropractic Association's National Conference.

The GSCI was created by World Spine Care to reduce the global burden of disease and disability by bringing together leading healthcare providers, scientists, government agencies and other stakeholders with a view to providing a practical, evidence-informed and sustainable spine health care model for communities around the world.

During the GSCI session, which packed the main plenary hall with an estimated 2000 chiropractors, attendees heard presentations from Scott Haldeman, Claire Johnson, Lou Sportelli, Deborah Kopansky-Giles, Cynthia English and Richard Brown.

A total of 68 clinicians and scientists recently collaborated to publish a series of papers published in the European Spine Journal. These included WFC Council member Deborah Kopansky-Giles and Disability and Rehabilitation Committee Chair, Professor Pierre Côté.



Call For Abstracts

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Global Spine Care Initiative: Answering a Call For Change

Claire Johnson DC, MEd, PhD

Low back and neck pain combined are the number one cause of disability in the world. In addition to spine pain, other spine concerns, such as osteoporosis, arthritis, scoliosis, fractures, cancer and infections, will potentially present to a chiropractor. However, at present there is no comprehensive and evidence-based model of care than can help chiropractors address all spine-related concerns.

Earlier this year, Jan Hartvigsen, DC, PhD, head of the Research Unit for Clinical Biomechanics at University of Southern Denmark and Deputy-chair of the Lancet Low Back Pain Writing group, published a call for action in *The Lancet* saying that “there is a need to identify cost-effective and context-specific strategies for managing low back pain to mitigate the consequences of the current and projected future burden.”

To solve this issue, the Global Spine Care Initiative (GSCI) was created by World Spine Care (WSC) and was tasked to fill this gap by developing such a model. The GSCI collaborative is made of 68 experts including, medical specialists, physical therapists, doctors of chiropractic, and other participants from 24 countries. The GSCI authors published 15 papers in a supplemental issue of the *European Spine Journal* that includes literature reviews

and recommendations for the safest and most effective care and suggestions for how to implement the new model anywhere in the world.

Claire Johnson, DC, MEd, PhD, Professor at the National University of Health Sciences and author of several of the GSCI papers, said, “The GSCI model of care offers a fresh perspective on spine care and has demonstrated how health professions can work together to provide spine care solutions for the world.”

She added, “The 2 upper levels of care in this model are a perfect match for chiropractic practice. Although this model may not be of interest to every chiropractor, current evidence-based chiropractic education provides the training necessary to be included in this model.”

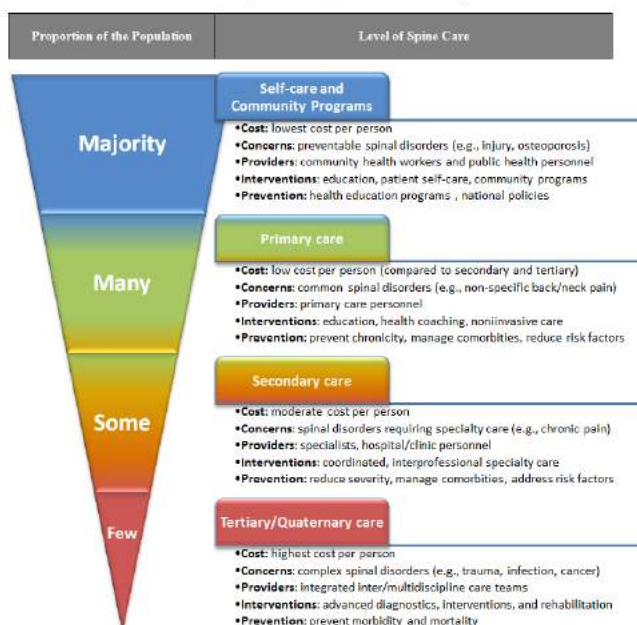
The model includes integrated levels of care so that patients’ spine-related concerns will get the right care. The primary level of care in the model, which is the type of healthcare most commonly used, includes non-invasive and conservative approaches commonly offered by doctors of chiropractic.

Scott Haldeman, DC, MD, PhD, FRCP(C), president of WSC and principal investigator of the GSCI, noted “the GSCI model answers the call to action from international authorities and recommendations from the World Health Organization.” He added “We hope to improve the quality of life for those who are disabled by spinal disorders and who need access to help.

“We encourage clinicians in all healthcare professions to learn the GSCI model of spine care and apply it in daily practice.”

More information and useful tools will be coming from this initiative in the upcoming months.

Levels of Care in the GSCI Model of Care. Reproduced with permission from World Spine Care.





Faculty of Medicine / Balgrist University Hospital

The Department of Chiropractic Medicine at the Faculty of Medicine, University of Zurich, and Balgrist University Hospital seek to fill the position of an

International Chiropractic Research Fellow

at a post-doctoral level to perform independent **epidemiological** research. This is a three-year position with the potential for subsequent career opportunities at the University of Zurich.

Our goal is to foster academic research in the field of chiropractic medicine and to strengthen the chiropractic research focus at the multidisciplinary Balgrist University Hospital. The research at the Department of Chiropractic Medicine at the University of Zurich is centered around the understanding of musculoskeletal pain conditions and chiropractic treatment mechanisms. The International Chiropractic Research Fellow is expected to bring an additional epidemiological research focus to our program.

The International Chiropractic Research Fellow is offered the opportunity to establish his/her research program at the Balgrist University Hospital and the University of Zurich in collaboration with the Integrative Spinal Research Group (<https://www.balgrist.ch/forschung-lehre/forschung-chiropraktische-medizin/>) of the Department of Chiropractic Medicine. The Balgrist University Hospital (<https://www.balgrist.ch>) offers a unique setting for the study of musculoskeletal pain conditions and collaborative opportunities with related medical disciplines. Its research arm, the Balgrist Campus (<http://www.balgristcampus.ch>) is a multidisciplinary environment with research groups investigating musculoskeletal health problems from different angles. The Balgrist Campus offers a modern, state-of-the-art work environment with several core facilities. There are high level collaborative opportunities within epidemiology and related disciplines at the University of Zurich. In addition, the chiropractic profession in Switzerland is interested in contributed to longitudinal studies on outcomes and patient profiling.

Your profile:

- Completed education in Chiropractic or Chiropractic Medicine
- Completed PhD in a relevant discipline (epidemiology, clinical science)
- Publication record in peer reviewed, international journals
- Motivated to work in an interdisciplinary environment

We offer

- A three year, full-time research position (remuneration dependent on experience); part-time position possible
- A competitive start-up package, including staff support and equipment.
- Work in a multidisciplinary team of chiropractors, physicians, neuropsychologists, physiotherapists and exercise scientists.
- Integration of Chiropractic Medicine in a University hospital and academic environment.
- Collaborative opportunities at the University of Zurich
- A highly motivated and supportive professional organization.

Please send your application, including a personal statement, CV and two reference letters to petra.schweinhardt@balgrist.ch before December 31, 2018. Earliest start date: March 2019.

Responding to the assessment needs of the global chiropractic community.

See you in London at
2018 WFC/ACC in October!

Daniel Côté, D.C. — Chair, IBCE

John Hyland, D.C. — Director, IBCE



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Public Health Committee Sees White Paper Published in International Journal

The WFC Public Health Committee has had a White Paper published in the international journal *Chiropractic and Manual Therapies*.

The paper, titled *Chiropractic in Global Health and Wellbeing: A White Paper Describing the Global Health Agenda of the World Federation of Chiropractic* was published in July.

Lead author Dr Michele Maiers is the Second Vice President of the WFC and serves as the Council Liaison to the Committee. She is also the Executive Director of Research and Innovation at Northwestern Health Sciences University.

The WFC supports the involvement of chiropractors in public health initiatives, particularly as it relates to musculoskeletal health. The Chair of the committee is Dr Chris Cassirer

Three topics have been identified by the Public Health Committee as distinct areas of focus: the opioid epidemic; healthy ageing; and women's, children's and adolescents' health.

The WFC aims to enable chiropractors to proactively participate in public health promotion and prevention activities through information dissemination and coordinated partnerships. Importantly, the work of the Public Health Committee is designed to align with the priorities of the World Health Organization, with which the WFC is in official relations.

Other members of the Public Health Committee are:

- Dr Mustafa Agaoglu (Turkey)
- Dr Kendrah da Silva (South Africa)
- Dr Reidar Lystad (Australia)
- Dr Sarkaw Mohammed (New Zealand)
- Dr Jessica Wong (Canada)
- Dr Richard Brown (WFC Secretariat)

WFC Rehabilitation Competency Framework Submitted To WHO

As part of a call for the submission of competency frameworks as part of the WHO's *Rehabilitation 2030: A Call For Action*, the WFC Disability and Rehabilitation Committee (DRC) has drafted and submitted a brand new rehabilitation competency framework for the chiropractic profession.

The WFC became a founding member of the Global Rehabilitation Alliance (GRA) earlier this year, with DRC Chair Professor Pierre Côté being appointed to the inaugural governing board. The purpose of the GRA is to advocate for greater access to rehabilitation services.



Competency frameworks generally define the knowledge, skills, attitudes and behaviors required to perform a specific role or deliver certain interventions.

WHO is aiming to develop a global, cross-cutting rehabilitation competency framework. The scope of the framework will be defined by the forthcoming 'Package of Rehabilitation Interventions' and as such will not be specific to a discipline, health condition or service delivery platform.

The DRC sub-committee tasked with developing the framework comprised Professor Côté as Chair, Dr Silvano Mior, Dr Richard Nicol, Ms Deborah Sutton and Dr Richard Brown.

It was sent for consultation to the full DRC and WFC Council prior to submission, which unanimously approved the document.

October 16, every year, is **WORLD SPINE DAY!**
This year our message is **#LoveYourSpine**



Get involved this World Spine Day!

- **Plan an activity**
- **Get people active**
- **Involve your workplace**
- **Inspire your community!**

See the WFC website for details of our World Spine Day competition and #LoveYourSpine

worldspineday.org

From Circuits To Sand

Paul Cheung spent years in the glamorous world of Formula One as the team chiropractor to Red Bull Racing. Now based in Dubai, he's taking on a fresh challenge with a whole new look to his waiting room.

Chiropractor Paul Cheung's career has been anything but ordinary. As one of the world's leading sports chiropractors, he has been a key medical team member for some of the most successful and celebrated athletes on the planet. Now based in the UAE, Dr Cheung has continued his sports practice, but is not only optimizing the performance of his two-legged patients. As an equine and animal chiropractor he is now being called upon to care for top polo ponies, pampered pooches - and camels!

For Dr Cheung, a 1990 graduate of AECC University College, the move from a successful practice in the north of England to a new clinic in Dubai has been a remarkable transition.

Having had a keen interest in sports chiropractic, in the UK he worked with premiership football teams and Atlantic rowers as well as being part of the World Games and a member of the host medical services at the London 2012 Olympic Games.

"As a result of looking after polo players here in Dubai, my interest in horses was a natural progression," he says. "Watching them perform just fascinated me, though I could see that some of them started to have issues with movement and behavior. The captain of an endurance team asked me to treat a horse as its performance was down, and thankfully, after a few sessions, it was back to its normal self again."

Cheung completed a post-graduate certification in Equine and Canine chiropractic with the *Options for Animals* course in Newcastle, UK and very quickly got involved with a few stables in Dubai.

What he wasn't anticipating, however, was that the owner of the polo stables would ask him to take a look at his herd of camels. Paul remarks:

"He was bewildered when I started to work on a camel and it immediately relaxed and slumped its head and neck on the sand! It appeared very happy for me to palpate its muscles, cranium & spine. I went back later to assess the limbs when it was standing after it had a siesta.

"Having spent 28 years in practice, I didn't think I would have an interest in animals though owning two Pugs and pampering them on a regular basis, the benefits of chiropractic to living creatures has obvious benefits. Not only can you improve and maintain health and well-being as you do with people, the fact that horse and camel owners can report better performance in their animals after chiropractic is testament of the effectiveness of this natural form of treatment."



Chiropractic: it's all about the patient

Saturday 13 – Sunday 14 October
Hilton Birmingham Metropole

Conference Highlights

The latest in chiropractic research, education and expertise,
with inspiring speakers and informative sessions

The President's Lecture to be presented by Alison Dantas

Welcome to Conference and Warm up with Kahoot! Catherine Quinn & Bronwen Henley

Know Pain: Mike Stewart

BCA Annual General Meeting

Empower your Patients! Philippa & Rhiannon Oakley

Playing Around: Luke Davies

Expected CPD Hours: 7.5 (subject to verification)



Join us from 7pm-1am on Saturday 13 October
for our social evening and awards ceremony.

The night will include:

Street style food

Festival style event

Gin Bar

Photobooth

British Chiropractic Association Award
Ceremony

2 live bands featuring:

Audible Release and The Beats Brothers



British
Chiropractic
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and celebrate!

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<http://bit.ly/BCAConf2018>

ACA Successful in Expanding Access to Chiropractic for American Veterans

The American Chiropractic Association (ACA) achieved a significant victory this spring on behalf of U.S. veterans, who will have greater access to chiropractic's non-drug approach to pain relief in the coming years. The association also added additional muscle to its lobbying efforts this summer in preparation for new challenges ahead.

In March, the U.S. Congress approved a plan to expand access to chiropractic's non-drug approach to pain relief to American veterans, many of whom suffer from back pain and other musculoskeletal conditions resulting from their service.

Championed by ACA, congressional allies and veterans groups, the approved language calls for the U.S. Department of Veterans Affairs (VA) to expand the availability of chiropractic services at no fewer than two medical centers or clinics in each Veterans Integrated Service Network (VISN) by no later than Dec. 31, 2019, and at no fewer than 50 percent of all medical centers in each VISN by no later than Dec. 31, 2021.

Currently, veterans have access to chiropractic services at more than 70 major VA treatment facilities in the United States, but nearly 100 VA sites offer little to no availability.

In addition, ACA hired the Capitol Hill Consulting Group (CHCG) in June to add extra strength to its efforts to pass federal legislation that would provide parity to chiropractors by allowing them to perform to the fullest scope of their license in the federal Medicare program, which provides health care to America's seniors.

ACA chose to work with CHCG, which is a Washington, D.C.-based, bipartisan government relations firm, because of its strong contacts within the powerful U.S. House Ways and Means Committee--which will play a vital role in helping any pro-chiropractic Medicare legislation to gain momentum in Congress.



South African chiropractors lobby for reform of laws banning sharing of health premises

Leaders from the Chiropractic Association of South Africa (CASA) have been working tirelessly on government relations issues in recent months

Currently the Health Professions Council of South Africa prohibits any of its registrants (medical practitioners) from sharing any part of its premises with practitioners not registered with under the Health Professions Act.

In effect, this prevents chiropractors from working in hospitals or clinics or sharing rooms with other health professionals.

Since 2016 CASA, with support from the WFC, has been lobbying the South African Competition Commission in an attempt to overturn the legislation, which stifles interprofessional collaboration.

In July, a report of the Health Market Enquiry was published, which documents the concerns expressed by CASA. The Competition Commission has also stated that the current AHPCA rules are overly restrictive and do not allow for fair competition within the healthcare industry.

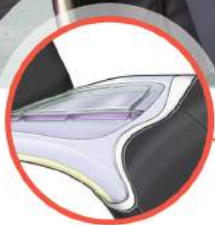
At the same time, a draft National Health Insurance Bill has been released and CASA has actively participated in the related consultation. Its present at forums and meetings has been welcomed and with a strong focus on primary health care, the integration of a wider body of health professionals to serve the public has been a hot topic of conversation.

Chiropractic in South Africa is regulated and all chiropractors must register with the Allied Health Professions Council of South Africa (AHPSA).



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- Dr John Maltby



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Foundation for Chiropractic Progress Announces “Planes, Trains and Automobiles” Marketing Campaign to Honor Chiropractic’s 123rd Birthday

The Foundation for Chiropractic Progress (F4CP) didn’t pass up on an opportunity to recognize the birth of chiropractic last month, marking 123 years of drug-free care.

To honor the milestone, the Foundation celebrates a brand-new marketing campaign, “Driving the Benefits of Chiropractic Care to New Heights through Planes, Trains and Automobiles,” which features billboards, and in-flight and train stations advertisements across the United States.

“Since 1895, chiropractic care has been a safe, effective, non-pharmacological approach to manage pain, as well as general health, and there is no better time than now to shout it from the rooftops,” shares Sherry McAllister, DC, executive vice president, F4CP, a not-for-profit organization dedicated to educating the public about the value of chiropractic care.

“As the Foundation’s messaging continues to break new ground, we expect to see a gradual shift in global public perception of chiropractic care as a mainstream approach to optimize health and manage pain.”

Key Campaign Deliverables Include:

- Billboards communicating the value of the safe, effective and drug-free chiropractic pain management approach to the general public. A first
- for the positive press campaign, the billboards support Group Member State Associations of the F4CP and appear in Orlando, Fla., Los Angeles, Calif., Des Moines, Iowa., Detroit, Mich., Nashville, Tenn. and Austin, Texas. Placements expect to reach eight million individuals.
- During December 2018, half-page, four-color advertisements will be placed in Delta, Southwest, United and American Airlines’ in-flight magazines, with an expected reach of more than 51 million travelers.
- In early 2019, the F4CP will place train station advertisements in the major travel hubs across the U.S. Exact locations will be announced soon.

Today, all 50 states, along with the District of Columbia, Puerto Rico, and U.S. Virgin Islands officially identify chiropractic as a healthcare profession.

It is also a healthcare standard in many other countries, including Canada, Mexico, Great Britain, Switzerland, Australia and Japan.

The Foundation will continue to strengthen its messaging and further solidify chiropractic’s position in global healthcare during the next 100+ years.





Happy Birthday, Chiropractic!

**Driving the Benefits of Chiropractic
Care to New Heights through...**

Happy 123rd Birthday, Chiropractic!



Planes, Trains and Automobiles!



Happy 123rd Birthday, Chiropractic!

Oregon Chiropractors Now Legally Authorized to Assess Concussed Student Athletes

Concussion Bill Signed by Governor

In May, Oregon Governor Kate Brown provided the Oregon Chiropractic Association with a ceremonial signing of Senate Bill 1547, **writes Vern Saboe DC, Oregon Delegate to the American Chiropractic Association.**

The measure inserts Oregon chiropractic physicians into the list of qualified health professionals who can assess a concussed student athlete and provide a release for that athlete to begin the current evidence-based process for return to play and academic protocols.

In 2013 the Oregon Chiropractic Association in conjunction with the Board of Chiropractic Examiners and the University of Western States, prompted a concussion subcommittee of the Oregon Schools Activity Association's (OSAA) Sports Medicine Advisory Committee to determine if chiropractors were adequately trained in concussion.

That OSAA subcommittee ultimately determined that if a chiropractic physician had either one of two board certifications in sports injury they were indeed adequately trained, those chiropractic board certifications being, "Certified Chiropractic Sports Physician (CCSP) and "Diplomate American Board of Chiropractic Sports Physicians (DABCSP).



Senate Bill 1547 also adds naturopathic physicians, physical therapists and occupational therapists to the list of qualified health professionals that can assess a concussed student athlete.

However, this new law requires Oregon Health and Sciences University (OHSU) to produce a concussion return-to-play and learning course all listed qualified health professionals must successfully complete. This course will be updated every four years in coordination with the "International Consensus Meeting on Concussion in Sports" held every four years. Those qualified health professionals who have successfully completed the course will self-identify to school districts with a certificate of completion.



CALL FOR APPLICATIONS

Once a year ECCRE invites researchers from the ECU member countries to apply for grants for co-funding of their musculoskeletal research. If you want to apply for a grant next time around, you can do so by download the relevant forms, the Grant Application Form and Budget Application Form, from the ECCRE website <https://nikkb.dk/eccre/>

The next deadline for applying for a grant from ECCRE is **1 January 2019**.

The completed application form, budget application form and appendices must be submitted to eccre@nikkb.dk

Jenni Bolton steps down after 35 years at AECC

A leading figure at AECC University College is retiring after more than 40 years in higher education.

Professor Jenni Bolton retired in July as Vice-Principal (Postgraduate Studies and Research) of the University College which she joined in 1983, initially on a part-time basis as Student Projects Co-ordinator.

Jenni gained her PhD from Southampton University in 1975 and her MA (Research and Development in Higher Education) from University College London in 2000. After three years as a Post-Doctoral Research and Teaching Fellow at first Harvard Medical School in Boston and then the University of Southampton, she lived for four years in New Zealand where she worked as a Scientific Officer at Princess Margaret Hospital, Christchurch.

It was in 1991 that Jenni joined AECC University College (the then Anglo-European College of Chiropractic) on a full-time basis as Senior Lecturer. She was promoted to Director of Research and Postgraduate Studies in 2001 and to Vice-Principal in 2012. Jenni was the first in the European chiropractic community to be awarded the title of Professor in 2001.

Jenni was instrumental in the development of postgraduate educational provision at AECC University College which included the Advanced Professional Practice MSc degrees, the innovative Postgraduate Certificate for new chiropractic graduates, and in 2008 postgraduate education and training in diagnostic ultrasound.

Jenni held a great number of external appointments, which included the Presidency of the European Council on Chiropractic Education (2002-2009) during which she was responsible for a major review and publication of the Educational Standards against which the quality of chiropractic education and training delivered at European and South African educational providers are assessed and judged. She also worked closely together with The Royal College of Chiropractors, particularly in the early stages of the Royal College's development.

Jenni has positions on the editorial boards of a number of professional and scientific journals and holds Honorary Fellowships from The Royal



College of Chiropractic and the British Chiropractic Association. She is a Founding Fellow of the European Academy of Chiropractic.

Professor Dave Newell, Director of Research at AECC University College said: "Jenni has been both a mentor, trusted colleague and over the years has become a close friend whose impact on myself and many other individuals interested in engaging with research and intellectual exploration has been lasting and career changing."

Professor Haymo Thiel, Principal, said: "Jenni has helped and contributed to steering the University College through the many changes that have transformed it into the excellent learning and working environment it is today. Her contributions impacted in so many ways, both at individual student and at profession-wide levels, nationally and internationally. Her legacy will live on for many years to come."

On her retirement Professor Bolton remarked: "AECC University College has been a massive and hugely important part of my life for over 30 years. As you can imagine, I have witnessed enormous change over this period, worked with interesting and varied colleagues, many of whom have become close friends. Throughout my time at AECC University College I have been given many opportunities to make a difference to the organization for which I am very grateful. These opportunities have allowed me to interact with the chiropractic profession nationally and internationally, and although I am not a chiropractor I have always been treated by the profession with warmth and respect."

To mark her outstanding contribution, Professor Bolton was conferred with the award of Professor Emeritus of AECC University College.

New Chiropractic Program Launched in London, UK

A brand new chiropractic program has been launched in London, UK, the first of its kind in the nation's capital.

London South Bank University welcomed its first cohort of students in September. The four-year, integrated Masters program is accredited by the UK's chiropractic regulator, the General Chiropractic Council.

The WFC's Constituent Member for the UK, the British Chiropractic Association (BCA) has pledged to increase the numbers of chiropractors in the UK from 3200 to 5000 by 2025, enabling increased access to chiropractic for UK residents and an increased partnership with other professions allied to medicine such as physiotherapy and sports and exercise medicine.

Working with the Royal College of Chiropractors and the Society for Promoting Chiropractic Education, the BCA spearheaded the new project, which will be overseen by former Welsh Institute of Faculty member, Dr Mark Langweiler.

Uniquely, optional modules mean that students can tailor their degree to their interests and future



**London
South Bank
University**

career ambitions.

President of the BCA, Dr Catherine Quinn, said: "The launch of the LSBU program is a momentous occasion for the profession in the UK, one which has come about due to an ambitious vision and strategy. Having met the students in their first week, I was impressed by their enthusiasm and their eagerness to become an integral part of the chiropractic profession."

London South Bank University was founded in 1892 with an aim "to promote the industrial skill, general knowledge, health and wellbeing of young men and women." It now runs numerous health-related courses as well as other subject areas.

For more information about the London South Bank University chiropractic program, visit lsbu.ac.uk.



Mexican University Graduates First Cohort of Students

The newest chiropractic program in Mexico at the Universidad Veracruzana has celebrated the graduation of its first cohort of students.

The 5 year program was instituted by the University, located in the city of Veracruz, Mexico, and the Colegio de Profesionistas Científico-Quiroprácticos de México, A.C. (CPCQM).



Commencing in 2013, the program takes place within the Faculty of Medicine at the University. While it is supported by the Faculty, the chiropractic program is independent of it as *Licentiatuara en Quiropractica*.

Speaking at the graduation ceremony, the Vice-Rector of the University of Veracruzana, Dr Alfonso Perez Morales, explained how the obstacles were successfully overcome to ensure the success of the program. A strong advocate of chiropractic, his address spoke passionately of collaboration between health disciplines.

Founded almost 100 years ago, the University of Veracruzana is one of the most prestigious universities in Mexico. It is a public institution with over 80,000 students and five campuses.

Chiropractic students are taught by members of the Faculty of Medicine at the university, while traditional chiropractic subjects are taught by CPCQM chiropractors, both in person and using a range of technology resources.

Logan University Leads Chiropractic Care for The University of Memphis

Logan University and the University of Memphis (UM) will partner to provide UM student athletes with access to on-site chiropractic care.

Representing Logan, Jude Miller, DC, MS, CCSP, CME, serves as the team chiropractic physician at UM.

Student athletes attending UM will have an opportunity to receive quality chiropractic care while Logan Doctor of Chiropractic students - working under the supervision of Dr. Miller - will have opportunities to complete rotations, assisting with chiropractic care as well as soft tissue work, dry needling, kinesio taping and laser therapy.

"We are honored to be working with the Memphis Tigers, who are known to be an elite group of athletes," said Vincent DeBono, DC, Dean of the College of Chiropractic at Logan.

"I think this partnership demonstrates the confidence UM leaders have in our capabilities to augment the already great care its athletes receive with chiropractic care to enhance performance as well as treat and prevent injuries."

The University of Memphis becomes the fourth higher education institution to partner with Logan for the purpose of providing chiropractic care to student athletes.

In turn, these partnerships provide Logan students with opportunities to advance the profession and become innovative leaders in health care.

Dr. Miller said he is thrilled to be stepping into this newly created position with Logan and UM.

"I feel like it's not only a great opportunity for myself, but for the chiropractic profession as a whole," he said.

"The more we put chiropractic in the spotlight at the collegiate and national levels, the more it validates our role in sports medicine and how we can work in collaborative, multi-disciplinary environments."



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Sam Collins, DC



Peter Fysh, DC, FICCP



Stu Hoffman, DC



Ward Jones, MSc, PhD



Tracey Littrell, DC, CCSP, DACBR, DABCO



Stephanie O'Neill, DC, DICCP



Andrew Strauss, DC



Lora Tanis, DC, DICCP



Sharon Vallone, DC, DICCP, FICCP



Meghan Van Loon, PT, DC, DICCP



Keynote Guest Speaker:
Staff Sgt Shilo Harris, honored US Army veteran, motivational speaker and author.



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Barcelona College of Chiropractic Celebrates 5th Graduation

Barcelona College of Chiropractic (BCC) has celebrated the graduate of its fifth cohort of students.

This year's graduation was the largest graduating class (31) that BCC has had to date. This year's graduates represented 11 different countries with Finland alone seeing 7 students graduate at this year's ceremony.

This year's graduation also saw BCC's 100th graduate since its first ceremony in 2014.

The graduation was overseen by Dr. Adrian Wenban, BCC Principal and Co-director of the UPF's *Master en Quiropráctica* program

Also in attendance were Dr. Josep Eladi Banos, former Vice Rector of the UPF and Co-director of the UPF's *Master en Quiropráctica* programme, Professor Bernard Moxham, member of the BCC Board of Governors, Emeritus Professor of Anatomy at Cardiff University's School of Biosciences and Immediate Past President of the International Federation of Associations of Anatomists (IFAA), Dr. David Fontova, AEQ Secretary, Dr. Pablo Perez, BCC Head of Research, Miss Silvia Ranz, BCC Academic Director, Dr. Pablo Martinez, BCC Head of Clinic.

The valedictorian of this year's graduating class was Dr. Maria Angels Carmona, PhD.

2019 will be another important landmark year for BCC as it celebrates its 10th Anniversary



Above: Graduates assemble for the 5th graduation ceremony of Barcelona Chiropractic College.

Left: Dr Adrian Wenban, Principal, BCC

Photographic credit: Dr Guillaume Mallet



Standard Process Opens Nutrition Innovation Center

With a mission to improve human health and well-being through wholistic nutritional therapies, whole-person clinical care and organic farming Standard Process Inc., officially opened its Nutrition Innovation Center (NIC) last spring at the Kannapolis, North Carolina Research Campus.

“Standard Process has been a leader and innovator in whole food nutrition since 1929,” said Standard Process President Charles DuBois.

“The Nutrition Innovation Center is the only



active clinical research center of its kind, dedicated to long-term support of whole food clinical nutrition. We are excited about being in North Carolina, and being an active and productive contributor to the region.”

Standard Process Vice President of Clinical Science, Education and Innovation John Troup, PhD, leads the state-of-the-art 10,000 sq.ft. research and innovation facility, leveraging academic and clinical partnerships to drive science and innovation in whole food nutritional therapy and develop cutting-edge healthcare solutions.

“We selected the North Carolina Research



Campus for its high level of technology, the insights available through partnerships and the impact of accelerating commercialization into patient application to help change healthcare in America,” said Troup.

Programs at The NIC:

Below are the four major programs that Standard Process houses at the NIC:

Discovery Innovation Research:

Focusing on preclinical, systems biology and cell models that advance information on the targeted effects of phytonutrients and nutritional solutions.

Clinical Development and Research:

Collaborating with a coalition of clinical research sites to establish a network for practice-based and case-observation studies conducted on a national basis;

Professional Media and Learning Center:

Offering the most advanced educational



tools and capabilities for transforming healthcare practitioner education and training; and

The Clinic of the Future:

Bringing together multiple credentialed health professionals at one integrative and functional site to provide all levels of practitioners with training on the practical and relevant aspects of clinical nutrition therapies.

The NIC Helps Colin O’Brady Achieve 50-State High Points World Record

Standard Process recently sponsored lifelong chiropractic user, professional endurance athlete and 3-time world record holder Colin O’Brady in his goal to shatter

Standard Process Opens Nutrition Innovation Center (continued)

the 50-State High Points record.

His preparation included working with integrative medical physicians and holistic health practitioners at the NIC.

Coming as no surprise, O'Brady summited each state's high point and set the new world record in July, beating the previous 41-day world record set in 2016 by 20 days. He is grateful for the support he received from Standard Process.

"Nothing can really prepare you for the sheer exhaustion and physical strain that this kind of rapid push creates," said O'Brady.

"It was an ambitious goal, wanting to knock out all 50 peaks in just 21 days. But it really does take a village.

"I'm beyond grateful for my family and friends, and the much-needed community support at each stop. I also owe a huge thanks to Standard Process

and their Nutrition Innovation Center for both the preparation and the supplement regimen they put me on in the months leading up to the challenge.

"It put me in a great place to begin this journey and allowed my body to recover properly along the way. Without their support, I think I'd still be somewhere on Gannett Peak right now!"

O'Brady continues to work with Standard Process and the staff at the NIC to prepare for future challenges, while also raising public awareness about the benefits of the company's high-quality whole food supplements and chiropractic care.

Learn more about Standard Process, the NIC and Colin O'Brady at: www.standardprocess.com



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- Rich source of Vitamin K1



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'A life-changing experience': Reflections of a WSC Volunteer in Botswana

Shannon Bloch DC, MSACN

Shannon Bloch is a 2017 graduate of New York Chiropractic College. Originally from Kitchener, Ontario and now practicing in the Canadian city of Guelph, Shannon was keen to expand her clinical experience in an environment where she could volunteer her skills.

I was lucky enough to have the opportunity to work in the Mahalapye District Hospital and Shoshong clinic with World Spine Care in Botswana for 12 weeks this past spring.

My time in Botswana was everything that I hoped it would be and so much more. To travel is one thing but to work and be completely immersed in a different culture and community gives you a whole new perspective and truly forces you to grow as a clinician. Working in a different country with a different language and customs allows you to think outside of the box and understand your patients in a different way. Instead of relying on patients to self-report their pain you learn to look at movement patterns, facial expressions and need to be accurate with your examination and diagnostic skills in order to create an effective treatment plan and diagnosis.

What surprised me the most about being in Botswana was how happy and welcoming all of the local people were. Almost every patient, whether they spoke English or Setswana, was grateful that we were there to help and more importantly, that we were there to listen.

Often these patients were referred from doctor to doctor with no one taking the time to give them an answer, or any kind of treatment. Patients came in with almost every condition you can imagine; many I had read about in textbooks and never thought I would see in real life.

Often you could see it in their eyes that this was the first time someone had given them hope that they would get better.

World Spine Care's mission is to improve under-served communities through sustainable, integrated and evidence based spine care. I was able to see first hand how this works and it truly is a life changing experience.

For more information about World Spine Care, visit worldspinecare.org.



Above and below. Dr Shannon Bloch spent a total of 12 weeks in Botswana as part of World Spine Care.





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Research Director Dave Newell Conferred Professor at AECC UC

The professorial appointment of Dr Dave Newell, AECC University College's Director of Research was confirmed recently after a rigorous process of appraisal involving both internal and external academics.

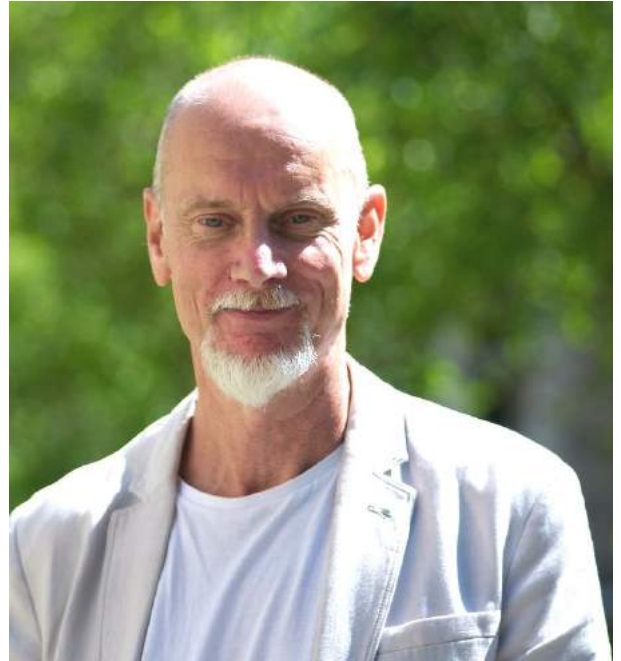
A non-remunerated position, the professorial title serves to recognize Professor Newell's academic achievements and contribution to the AECC University College over many years.

Professor Newell has held the title of Reader for nearly three years often regarded as a forerunner of an application for the professorial title. The criteria for conferment involve significant contribution in three principal areas

- Research and scholarship where leadership in the area of research and scholarly activity is an expectation, both within the AECC University College and externally;
- Contribution through learning and teaching activities; and
- Evidence of impact through professional standing and reputation as additional criteria

The Professorial Panel consisted of three internal and two external professors with references from an additional four further professors and professionals.

Professor Newell has been principally responsible for



drafting AECC University College's recent strategic plan for research. This included an application to the UK higher education sector-wide Research Excellence Framework 2021 and the initiation of AECC University College's PhD programme, all with a view to gaining Research Degree Awarding Powers (RDAP). Professor Newell's work is aimed at expanding research capacity and activity at the University College and is an important part of the University College's future focus.

CCE Names new UWS Professor as New Chair

The Council on Chiropractic Education (CCE) has named Dr Gary Schultz DC, DACBR (pictured, right) as its new Chair. Dr Schultz is a member of faculty at the University of Western States.

CCE is recognized by the US Department of Education and the Council for Higher Education Accreditation. Its role is to ensure educational quality at each one of the 15 chiropractic programs across 18 locations in the United States.

Dr Schultz will lead 18 organizational board members, referred to as councillors. Of the board members, 10 are representatives of educational programs, 6 are private practitioners and 2 are members of the public.

During his term, Dr Schultz will have a range of responsibilities, among which is the rolling out of the 2018 Standards for Accreditation for DC programs.



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French Polynesia President Confirms Scope of Legislation For Chiropractors

As reported in the previous issue of the *Quarterly World Report*, the South Pacific archipelago of French Polynesia has recently passed legislation governing the practice of chiropractic. Here, President Dr Christian Simon describes in detail what the law will govern.

The Chiropractic Union of French Polynesia, *Syndicat des chiropracteurs de Polynésie Française*, is proud to announce the recognition of the chiropractic profession with a new country law passed on June 29, 2018. This law finally puts a legal framework around the use of the title chiropractor with criteria that will maintain a high standard of practice in the territory.

With protection of title, the law will restrict its use to only those who have undertaken training at accredited institutions.

The process of legislation started in 2011,



when the French government applied a decree to the chiropractic profession.

Prior to this law, anyone could call themselves a chiropractor, a situation that was dangerous for patients and which did not protect the profession.

Chiropractic has been present in Tahiti, French Polynesia, for the past 20 years with the opening of the first chiropractic practice in Papeete, the capital. Our over-riding preoccupation has been to pass legislation for the profession.

Thanks to the invaluable help of Dr Richard Brown, Secretary-General of the WFC, and Dr Jacques Raynal of the Ministry of Health in French Polynesia, we were able to put our points across strongly. In negotiating the acts and skills of the profession, it was an incredible asset to say that chiropractors around the world follow the same curriculum.. This law will permit any chiropractor graduated from a CCE- or CCEI-accredited institution to practice in French Polynesia, the only restrictions being linked to immigration laws and regulations.

Importantly, we have been able to define in a very precise way what chiropractic is. For example, the law defines a difference between an adjustment and a manipulation, the adjustment being restricted to being an act of a chiropractor only. Chiropractors are also permitted to give advice on all aspects of health, including nutrition, exercise and psychological support.

The law permits direct access to chiropractors. It prohibits the use of drugs and surgery and mandates a full assessment, including a case history, prior to treatment commencing.

As a result of this historic legislation, we shall be moving forward with chiropractic in French Polynesia to consolidate the profession a part of mainstream healthcare.



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3+1 Agreement Allows Palmer Students Early Completion of Studies

William Penn University (WPU) in Oskaloosa, Iowa signed an agreement with Palmer College of Chiropractic (PCC) in Davenport, Iowa, allowing qualified students the opportunity to save a year's worth of time and money while earning their undergraduate and graduate degrees.

The agreement is designed to meet the educational goals of William Penn University students who exemplify strong academic credentials and a commitment to pursue graduate education.

The 3+1 program allows students pursuing a career in chiropractic to enroll in William Penn's biology program.

After completing a minimum of 90 credits of study at WPU, students can then transfer to Palmer College to begin their chiropractic education.

After completing the first year of study at Palmer College, a maximum of 30 Palmer credit hours are transferred toward a Bachelor of Science degree in Biology at William Penn.

This agreement allows students to also participate in commencement ceremonies at both WPU and PCC.

"This partnership with Palmer Chiropractic College offers our students a wonderful opportunity to advance their careers in health care with a highly respected professional program," said Noel Stahle, vice president for academic affairs at WPU.

This program initiative aligns with the U.S. Department Education's appeal to reduce the overall cost of education.



Life West Announces New Masters of Radiology Program

Life Chiropractic College West is starting a Masters of Radiology program, a three-year program at the Hayward, California campus that will add an additional degree program to the college's curriculum.

According to Dr. Scott Donaldson, Life West received accreditation approval for the radiology residency program from the Western Association of Schools and Colleges in July 2018. Donaldson is the Vice President of Clinical Operations at the Monte H. Greenawalt Health



LIFE CHIROPRACTIC COLLEGE WEST

Center at Life West.

The college creates strong ties between its academic and clinical experiences, providing opportunities for chiropractic students to offer care within their community.

The new program will grant a Masters of Science in Radiology. In addition, the program will qualify the Radiology Resident to sit for DACBR Board exams.

There will be an emphasis on combining chiropractic studies with imaging to enhance chiropractors' needs in their practices, including the study of the vertebral subluxation complex.

The application process is stringent, Dr. Donaldson said, and will go to a high-performing student with an affinity for imaging.

The first student will be selected in Summer or Fall 2019. Only one resident will be admitted per year.

Head of Chilean University Chiropractic Program Celebrates New Graduates But Warns of Epidemic of Unaccredited Short Courses Across Latin America.

The Chilean Chiropractic Program of the Central University of Chile (CUC) has seen 54 new chiropractors awarded their professional title and Bachelors degree. In 2010, the CUC initiated a graduate degree program for health professionals (doctors, kinesiologists and dentists). This three year program follows a minimum 5 year training.

The chiropractic program follows the recommendations of the WHO Guidelines on Basic Training and Safety in Chiropractic, which were published in 2005 in collaboration with the World Federation of Chiropractic. The program comprises a total of 6 semesters, meaning that in addition to their first degree graduates will have undergone a total of 8 years of clinical and health education before qualifying as chiropractors.

In addition to over 40 Chilean chiropractors having graduated from the Anglo-European College of Chiropractic in 2004, more than 230 chiropractors have qualified from the CUC program. The next step, hopes program leader Dr David Lopez, is to launch full chiropractic programs in Chile.

Dr Lopez is concerned, however, about the proliferation of chiropractic courses being taught by chiropractors to non-chiropractors, across the Latin American region, notably in Chile, Mexico, Argentina and Brazil. "These are not chiropractic programs; they are simply manual therapy technique sessions, many of which are soft tissue mobilizations, low speed joint mobilization or rehabilitation protocols. Upon taking the courses, people call themselves chiropractors."

"This has led to much confusion among local authorities about the real need to obtain a professional degree to practice in these countries. Regrettably, some of these courses are run under the banner of WFC Constituent Members. How is the public supposed to know the difference between a chiropractor who has completed a degree program and one who has done a weekend course? This situation was particularly prevalent in Argentina, but is now spreading to other Latin American countries."

Dr Lopez is calling on the international chiropractic community to take robust action to tackle the problem of short courses, misrepresentation and profiteering by chiropractors teaching unaccredited courses in Latin America.



Dr David Lopez, Head of Chiropractic, Central University of Chile



2018 graduates of the Chilean Chiropractic Program, part of the Central University of Chile.



Chile has a population of just under 18 million. Its capital is Santiago. The WFC Constituent Member for Chile is the Chilean Chiropractic Corporation, whose President is Dr Raul Guinez.

ECCRE Funded Projects Well Underway

The European Centre For Chiropractic Research Excellence (ECCRE), an initiative of the ECU, launched its first ever call for funding applications in 2016 and awarded its first grants to Europe.

ECCRE has to date awarded grants to a total of eight research projects covering a wide range of subjects.

Projects which received funding from ECCRE in 2016 and 2017 are progressing according to schedules. All Principal Investigators have submitted their first progress reports to ECCRE and all projects have received their funding according to the schedules laid down for each project.

Mauritz van Tulder and his co-investigators have initiated the planning phase of their project '*Back Complaints in Elders (BACE): A*

prospective, longitudinal analysis of older people with low-back pain in chiropractic care'.

Two of four papers of **Andreas Eklund's** project '*Chiropractic Maintenance care – cost-utility, psychological factors and pain trajectories*' are in the final stages of completion, while the two remaining papers are in the stage of data analysis.

Cecilie K. Øverås and co-investigators' PhD-project '*Pain in the spine and elsewhere - patterns and consequences; an epidemiological study*' is progressing according to the planned time schedule.

See the 2019 Call for Applications elsewhere in this issue of the QWR.



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Alberta Chiropractor Leads Humanitarian Ambulance Effort



Dr Roman Bayrock and Dr Brian Gushaty of the Alberta College and Association of Chiropractors

Canadian Chiropractor Dr Roman Bayrock is spearheading efforts to send refurbished ambulances to some of the world's poorest countries.

Dr Bayrock, is a member of the Alberta College and Association of Chiropractors as well as heading up the ambulance project with his local rotary club in Edmonton.

Five decommissioned ambulances provided by Alberta Health Services are currently undergoing refurbishment. This is in addition to seven already refurbished and dispatched around the world. Last year, the Rotarians, led

by Dr Bayrock, sent a refurbished fire truck to Honduras.

There is a significant need for ambulances in developing countries around the world. "We've been told many times that pregnant women are repeatedly loaded into the back of pick-up trucks to be transported to hospital," said Dr Bayrock. "With frightening infant mortality rates and maternal deaths in some countries, the work to refurbish these ambulances can save lives."

One of the current ambulances is targeted to be sent to Belize, with Ghana, Uganda and Mexico being other potential nations that will receive other ambulances. As the refurbishing continues, so does the fundraising. Each ambulance, equipped with life-saving equipment, costs tens of thousands of dollars to equip.

Anyone wishing to learn more about this humanitarian project should contact the Alberta College and Association of Chiropractors at albertachiro.com.

ChiroSuisse Announces New President for 2019



The WFC Constituent Member for Switzerland, ChiroSuisse, has announced that Dr Thomas Thurnherr will take over as its new President from May 2019.

Dr Thurnherr, 49, is a doctor of chiropractic with practices in Bern. He will remain President-designate until the end of current President Priska Haueter's term of office. Ms Haueter was the first lay President of ChiroSuisse, having served the association for many years in an executive administrative capacity.

At its recent General Assembly, Dr Thurnherr thanked the members of ChiroSuisse for the confidence they had placed in him and pledged to continue the fine work of the current President.

Chiropractors Join Interprofessional Effort in Amazonian Jungle

It takes a special type of person to venture into the unknown, but that is exactly what three intrepid chiropractors did by joining a mission to bring relief to local communities deep within the Amazonian jungle. Here, Marta Pohlmann and Paulo Salazar describe how chiropractic was able to change lives in this remote corner of the world.



This year three chiropractors partnered with a non-governmental organization (NGO) in Brazil called "UNA - *Um novo amanhã*"- A New Tomorrow, aiming to promote health in regions of social vulnerability by taking action and supporting some of the country's most in need communities.

This humanitarian trip was held in the Amazon's inland territory, from July 19th to 29th. During this period, the chiropractors Marta Pohlmann, Paulo Salazar and Potira Farias joined volunteers from different fields such as medicine, odontology, engineering, photography and others to work towards the welfare of the natives and helping to build the NGO new headquarters.

By combining our knowledge and practices to the team's the chiropractic profession helped achieve great results through a multidisciplinary work.

The journey to reach these communities required a long thirty hour boat ride sleeping in hammocks.

Upon arrival there was no electricity, running water nor contact with internet. By

leaving the comfort zone, the volunteers discovered a new reality which they had never seen before. Their souls were transformed in a very deep way. When in that village they learned the real meaning of selfless giving.

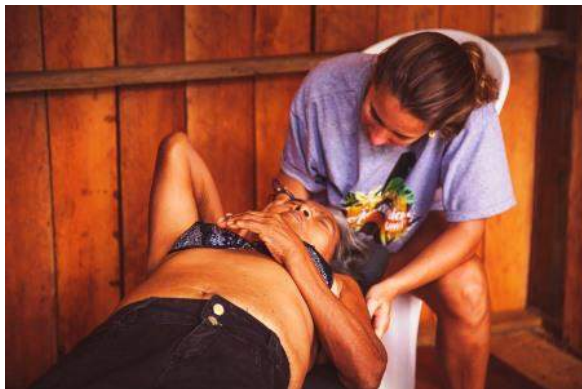
All the patients were curious and amazed with the procedures and the immediate benefits that chiropractic was providing to the ones who tried it.

A total of a hundred and forty chiropractic adjustments were performed in six days, on individuals ranging from infants to elders.

The most prevalent cases were of lower back pain due to their work positions and lifting heavy weights since their youth without watching out their posture.

It was an amazing and insightful chiropractic experience.

The intention now is to continue taking chiropractors to these communities to



immerse in this inner transformation seeing on a daily basis how it is the simple things that really matters by giving them the love and attention that they truly deserve.

We believe that nothing is more important than life. It is a privilege to facilitate healing with our hands. As chiropractic fellows we know how important it is for everyone to be assisted from subluxation problems. With the knowledge developed by years of chiropractic studies we can - in some people's eye - be the angels in their lives.

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— Christopher McNichols, DC,
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New Chiropractic Humanitarian Project Launched in Uganda



A British chiropractor, Dr Sarah Worthington, has set up a new initiative in one of the world's most under-served countries.

Having worked in Uganda for over 10 years, AECC graduate Sarah had seen at first hand the widespread poverty, limited access to safe drinking water and lack of mains electricity. The population of Uganda is over 45 million and is growing rapidly, with a mean age of under 16 years.

Sarah founded Hand Back Health to deliver health services and education to rural communities in Uganda, working collaboratively with other health workers to address issues that negatively impact on health and wellbeing.

There are currently 3 chiropractors in Uganda. In June 2018, the Chiropractic Association of Uganda was officially formed. The CAU, whose president is Dr Charles Sebwana, is the WFC Constituent Member for Uganda.

With many health conditions being related directly to lack of education; for this reason one of the key priorities of Hand Back Health is to run educational workshops for women and girls.

Hand Back Health has also partnered with Jinja Pregnancy Centre and Whispers Children's Hospital.

Hand Back Health provides free and heavily subsidized treatment to those who would otherwise not be able to afford care. Once a week, clinicians treat a group of children with profound disabilities, such as hydrocephalus, spina bifida and cerebral palsy.

Hand Back Health currently runs on a minimal budget which does not allow for necessary growth of the organization.

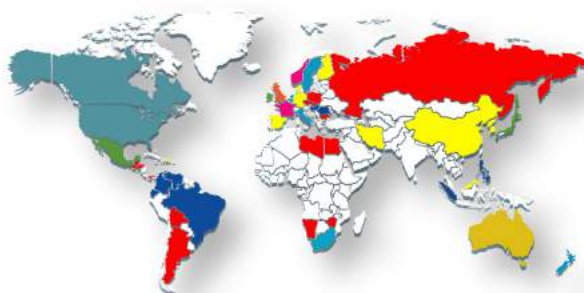
In order to continue its vital services to the Ugandan population, financial support is needed, as well as chiropractors who are willing to come and work in a volunteer capacity.

For more information about Hand Back Health, visit handbackhealth.org.





Global Professional Strategy for Chiropractic



Chiropractic GPS: “Revealing the right coordinates for professional development.”

Introduction:

Planting, cultivating and improving the quality of the harvest... A work in progress

1. Universal variables

- Size of a country's Middle Class
 - A % of population by GDP/person stats
- Humanitarian treatment by governments toward their own citizens.
 - Favorable
 - Improving
 - Lacking
- Socio-cultural aspects of integrating chiropractic with traditional healthcare structures.
- Language issues regarding the potential education of future chiropractors.
 - English
 - Non-English
 - Miscellaneous

2. Measuring Growth

Rating the 4 criteria of professional growth:

- Total # of DCs in permanent practice.
- Level of legal recognition.
- National Association Organization.
- Total student enrollment in the country.

3. Country Status

- Established: DC ratio per population is 1: <10,000
 - Focus is on increasing the demand for care (↑ % utilization → universal access)
- Advancing:
 - Ratio is 1:>10,000 & <100,000
 - Focus is on professional development and public education. (create value)
- Pioneer:
 - Ratio is 1:>100,000
 - Focus is on increasing the number of DCs, getting organized to start a school and pass an international level law.
- Unsuitable:
 - No legal chiropractors and environment is unfavorable or too hostile.

4. National Association

A discussion in favor of greater support for the structuring of a National Association in Pioneer countries and beyond - shifting into higher gear through better organizations.

5. International Education

Globalizing the chiropractic education process and preserve our uniqueness:

- Philosophy Content
- Internship Standards
- Projecting Growth
- Building Resources

6. Non-Chiropractor actors

There are many countries with non-citizen business ownership restrictions that result in partnerships being formed between chiropractors and non-chiropractors. Is this a good thing or a bad thing?

7. Humanitarian Missions

Practical guidelines to successful missions:

- Contacts & Locations
- Timing
- Public Relations
- Doctor Recruitment
- Prospective Students

8. Model Int'l Law

Identifying the ingredients for a model law

- Title Protection
- Definitions & Scope
- Primary Doctor
- Registration
- Regulatory Structure

9. Strategy & logistics

Attraction of reserves and resources:

- Time
- Money
- People
- Space
- Opportunities

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Boo, Gordon Kuo - China

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Lawson Gordon DC – Canada

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Maalouf, Giorgio DC - Sweden

Mahoney, Kevin DC - Canada

Mallet Doug, DC - Canada

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