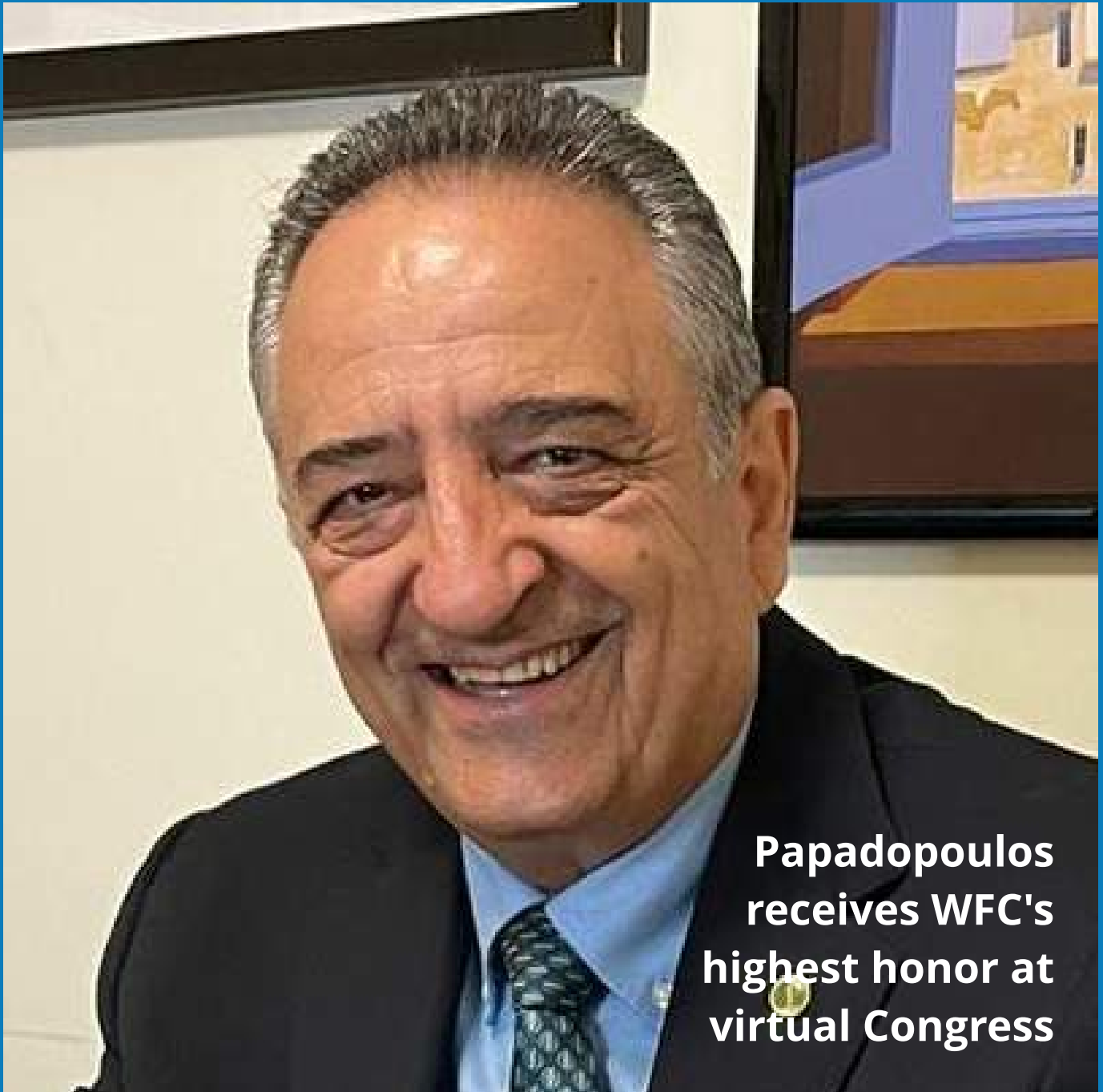


Quarterly World Report

OCTOBER 2021



**Papadopoulos
receives WFC's
highest honor at
virtual Congress**

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Congress reflects the global nature of chiropractic

This year, we have celebrated a WFC Biennial Congress with a difference. For the first time, as a consequence of ongoing restrictions brought about by the Covid-19 pandemic, we pivoted our event to a full virtual experience.

Some said that it would not work, arguing that people had spent so long on online meetings and conferences that yet another online event was the last thing they wanted.

However, all of these predictions were misplaced as we celebrated our 30th anniversary Congress with one of our most successful events ever.

In partnership with our friends at Parker Seminars, we were able to host a three-day extravaganza of chiropractic, showcasing the very best in contemporary advances in healthcare, chiropractic thought leadership, subject-specific breakout sessions and the very best in research and science.

What struck me most this year was the diversity of representation across the whole of our international WFC community. Speakers came from each of our seven world regions, bringing their own distinct perspectives and backgrounds to ensure that delegates were able to experience what the WFC stands for - a global federation representing the world of chiropractic.

We heard about the humanitarian efforts of chiropractors in underserved communities, bringing essential care to those who struggle to access chiropractic services and whose lives are blighted by pain and disability.

We were reminded about the value of kindness and compassion and how these elements are as important to the provision of healthcare as anything else.

We learned about how important patients were in the design and implementation of research and why a people centered environment really is the only option in today's healthcare.

Listening to the Congress from the comfort of my



Dr Carlos Ayres

office in Peru, I was impressed as speaker after speaker reinforced the value of our #BeEPIC pillars and the importance of our 20 Principles, which set out what it is we stand for as an organization.

The event made me proud to be a chiropractor and as I watched the event over the course of the three days, I became even prouder to have the privilege of being the President of the WFC.

What became abundantly clear to me is that we have a profession that has not only survived during the period of the COVID-19 pandemic, but has thrived. The resilience and fortitude of clinicians, academics, educators, students and researchers has been ever present.

The words of one of our speakers resonated with me. She urged the profession to not just accept a new normal, but to commit to a new better. Let us join in that commitment to tomorrow's chiropractic. **CA**

News from the Boardroom

The WFC Board of Directors met on August 17 via teleconference for its third quarterly meeting of 2021.

It noted that a considerable amount of time and resources were being spent on preparing for the upcoming virtual 16th WFC Biennial Congress, but that there were many ongoing activities with which the WFC was engaged.

Despite the challenges of the Covid-19 pandemic, the Board noted that the finances of the WFC were stable, assisted by subsidies provided by the Government of Canada.

The Board was advised about fundraising efforts that were being coordinated by the WFC in respect of supporting Sister Dr Anne Marie Diahoua in the Congo. The WFC had been

approached following a request for assistance by the Chiropractic Association of South Africa (CASA).

The Board was updated in relation to plans for the 2021 World Spine Day, the theme of which was Back2Back. National association members have been contacted with a view to participating in the annual WFC World Spine Day competition.

In respect of the 2022 WFC Education Conference, the Board was advised that plans were already in train and that the Purser Center, a prestigious venue on the campus of Logan University, had been secured for the event, which would be taking place November 2-5, 2022.

The Board also heard that plans were already advanced for the 17th WFC Biennial Congress,

being held at the Gold Coast Convention and Exhibition Centre in Queensland, Australia.

Having approved its support for the updating of the WHO Guidelines in Basic Training and Safety in Chiropractic, the Board was advised that the WFC had received a substantial donation from the National Board of Chiropractic Examiners. Further donations would be sought to fund this most important project.

Finally, the Board agreed unanimously an offer received from Professor Peter Tuchin to present a webinar for chiropractors focused on the subject of mental health. It agreed that in light of events over the past 18 months, this would be well received by the global profession.

OUR PEOPLE

WFC BOARD OF DIRECTORS

Carlos Ayres (President)	Latin American Region
Kendrah Da Silva (Vice President)	African Region
Kei Takeyachi (Secretary-Treasurer)	Asian Region
Efstathios Papadopoulos	Eastern Mediterranean Region
Gian Joerger	European Region
Vivian Kil	European Region
Ryan Coster	North American Region
Glenn Guilderson	North American Region
Dana Lawrence	North American Region
John Maltby	North American Region
Holly Tucker	North American Region
Andrew Lawrence	Pacific Region
Corrian Poelsma	Pacific Region

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PUBLIC HEALTH COMMITTEE

Claire Johnson DC, MS, PhD (Chair)	USA
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DISABILITY & REHABILITATION COMMITTEE

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Why we must keep science in the spotlight

The late British theoretical physicist Stephen Hawking famously said that scientists have become the bearers of the torch of discovery in our quest for knowledge. Throughout the period of the pandemic, it is our scientists that have carried not only the torch of discovery, but the torch of hope.

Science has been placed in the spotlight as the world has grappled with finding the means to emerge from the dark days of a pandemic that has impacted families, communities, economies and society at large. Scientists have been cast as the villains amidst restrictions on our freedoms, but also as the heroes, with the development of vaccines in record time aiding our return to normality.

The recent 16th WFC Biennial Congress was yet another triumph for science and the advancement of knowledge within the chiropractic profession. Our call for abstracts produced submissions from around the world, with investigators from chiropractic institutions, universities and private clinics sharing their work with our global audience.

Despite challenges to the conduct of research, the profession's scientists have doggedly persisted in their endeavors to shine a light on questions of basic science, clinical practice, effectiveness and optimal approaches to ensuring that patients receive the best care.

As a species, we are thankfully blessed with a hunger for knowledge and understanding of the world around us. Through science, knowing what we know and what we do not know has prompted generations from time immemorial to seek to understand, so that we can work better, live better and be better.

For this reason, we must continue as chiropractors to celebrate science and scientists. In the face of overwhelming evidence we must learn to tolerate inconvenient truths that cause us to reappraise the way we do things and embrace change as have those who have gone before us. It is only by

accepting that the growth, development and global acceptance of our profession is dependent on a steadfast and unrelenting support of our scientific community that the chiropractic profession can realistically expect to advance.

At the same time, we must recognize that gratitude and humility are essential elements in science. Recognizing that many people contribute to making research possible, whether through funding, participation in trials or provision of clinical data for analysis, is key to future sustainability. None of us has all of the answers and we must value the contributions of all as our voyage of scientific discovery continues.

Chiropractic must celebrate its scientists. It must invest heavily in research if it is to command respect and acceptance. It must nurture and support the investigators of tomorrow. It must continue to question its methods and be bold enough to embrace the need for change when compelling evidence emerges. As we work to ensure populations reach their full potential, let the torch of discovery continue to burn bright. **RB**



Dr Richard Brown, WFC Secretary-General

CONTACTING THE WFC

Write to us:

World Federation of Chiropractic
160 Eglinton Avenue East (Suite 601)
Toronto, Ontario M4P 3B5, Canada

Call us:

+1 416 484 9978

Email us:

General enquiries	info@wfc.org
Richard Brown	rbrown@wfc.org
Khalid Salim	ksalim@wfc.org
Sarah Villarba	svillarba@wfc.org

NEWS ITEMS

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

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WFC continues program of Regional Forums

The WFC has continued to hold regional forums to hear the voices of its member national organizations around the world.

In the past months since the last issue of the QWR, regional forums have been held in the WFC Asia, Eastern Mediterranean, Europe and Latin America regions.

WFC Secretary-General Richard Brown commented, "During what continues to be a challenging time for many national associations, with inability to host face-to face meetings with their memberships, the forums provide an opportunity to share experiences, learn from best practices and put in place strategies for the eventual return to normality.

"Feedback from association leaders has been extremely positive and many have appreciated the opportunity to connect with colleagues via the forums. Leadership can be a lonely place during times of crisis and by providing a platform where those facing similar challenges can come together, the WFC hopes to support and empower the profession in its various world regions."

By hosting region-specific forums, the WFC has provided opportunities to discuss how the social determinants of health - social, political, environmental and economic - have impacted on chiropractors from country to country. The value of statutory regulation has also been exposed, with those in nations where legislation exists often being protected by designation as essential workers.

With signs that many countries are now easing restrictions and permitting international travel, in-person meetings and events are again becoming a reality.

However, it is anticipated that a return to unrestricted conferences in many parts of the world will not happen until well into 2022.

The final two WFC Regional Forums will take place in the North American and Pacific regions.



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Heather Berlin, DPhil, MPH

Neuroscientist, Psychologist, Professor

Parker Seminars Las Vegas

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Michael Phelps

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Dr. Oz

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WFC Secretary-General delivers keynote at Logan symposium

Ongoing travel restrictions caused by the Covid-19 pandemic meant that WFC



Richard Brown delivered an address entitled EPIC - Our Greatest Global Opportunity

Secretary-General Richard Brown was forced to live stream his keynote address the UK to the 2021 Logan Symposium, held September 16-19 in St Louis, USA.

In his presentation, Brown focused on the opportunities presented to the chiropractic profession by focusing on the key elements of the WFC's #BeEPIC campaign: evidence-based, people-centered, interprofessional and collaborative practice.

Praising the fortitude and resilience of the chiropractic profession, he urged attendees to look ahead to a bright future and continue to transform the lives of their patients.

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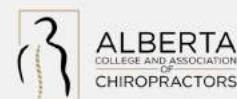
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Stathis Papadopoulos recognized with highest WFC Honor

A Cyprus-based chiropractor who has served his region and the wider global profession for 40 years has become the sole recipient of this year's WFC David Chapman-Smith Honor Award.

Dr Efstathios (Stathis) Papadopoulos was presented with the award during the WFC's virtual Biennial Congress.

The WFC David Chapman-Smith Honor Award is the highest accolade that the WFC has in its power to award. There have been just 33 recipients of the award since it was instituted in 1991. The award was renamed in 2015 in recognition of the service of Mr David Chapman-Smith, who served as secretary-general of the WFC from 1988 to 2015.

Delegates at the online event heard current secretary-general, Dr Richard Brown, and Mr Chapman-Smith, speak warmly of Dr Papadopoulos's lifetime of achievements.

Following an earlier career in food technology and undertaking national service in the Cypriot army, including during the island's invasion in 1974, Dr Papadopoulos attended Palmer College of Chiropractic, graduating in 1981.

Passing Board examinations in both the United States and Canada, Dr Papadopoulos spent time working in North America before returning to Nicosia in his native Cyprus.

He quickly became involved in developing the chiropractic profession, working with the national association and being instrumental in the passing of legislation to regulate the chiropractic profession in Cyprus at a time when there were fewer than 10 chiropractors on the island.

With a vision of building the profession throughout the Eastern Mediterranean region, Dr Papadopoulos traveled widely, encouraging other



Dr Stathis Papadopoulos

chiropractors to come together and build their associations with a view to attaining formal recognition.

He formed and became the first president of the Eastern Mediterranean and Middle East Chiropractic Federation. He has served for several decades on the General Council of the European Chiropractors Union (ECU), including serving on its Executive Committee. He was also a key contributor to the establishment of the European Academy of Chiropractic, the academic arm of the ECU and represented Cyprus during the development of the European Standard for chiropractic.

Having been present on the Board of the WFC since its inception, Dr Papadopoulos served as its president between 2008 and 2010, during which time the WFC co-hosted the first conference on manual methods of treatment with the World Health Organization in Beijing, China. He was also

Stathis Papadopoulos recognized with highest WFC Honor (continued)

one of the founding members of the International Chiropractic Regulatory Society in Montreal in 2009.

The WFC's Eastern Mediterranean region is well recognized as being one of the most challenging parts of the world, with political, economic and civil conflicts being

commonplace.

Despite this, Dr Papadopoulos has traveled widely in the region and has served continuously as an ambassador for the chiropractic profession.

Dr Papadopoulos continues in private practice in Nicosia, where he has been joined by his daughter, Anna, a graduate of

AECC University College.

Speaking after being named as the 2021 recipient of the WFC David Chapman-Smith Honor Award, Dr Papadopoulos spoke warmly of his love for the chiropractic profession, acknowledging those with whom he has worked over many years and the support of his family.

Opening session debate on DEI sets pace for Congress



Underscoring its commitment to diversity, equity and inclusion, the WFC Congress featured a panel discussion on its opening day.

Chaired by Aruba-based medical educator and pediatrician Dr Jamiu Busari, delegates were treated to a range of presentations addressing current global challenges around inequity and a lack of diversity.

Panelists were Dr Micheala Edwards, President of the American Black Chiropractic Association, diversity advocate, Dr Ranen Rambrij, First Nations chiropractor, Dr David Peeace and Dr Philippa Oakley from the LGBTQ community.

What was clear from the panel discussion was that despite progress being made, there remains a long way to go. The inequity of chiropractors prompted debate around the need to broaden the representation of chiropractors from minority groups and the requirement for a global strategy to be put in place.

The discussion explored issues of training and practice around recruitment of students from historically under-represented communities. All panelists agreed on the need for an action-oriented program, underpinned by those who best understand the current issues.

In attracting students from underserved communities, the need for support and scholarships was emphasized and a task force to proactively tackle deficits in representation was proposed.

Education around communities at a grass roots level, where chiropractic is little known was urged. Awareness of issues of inclusivity, and making chiropractic clinics safe spaces for minority groups was championed by all on the panel.

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Chiropractic for a New Normal: WFC Congress inspires delegates with learning extravaganza

Following aborted attempts to organize a live, in-person 16th WFC Congress, the impact of the Covid-19 pandemic meant that this year the WFC pivoted to a wholly virtual platform.

The event was made possible by Parker Seminars, which stepped in and provided logistical and technical support to ensure that the Congress was an overwhelming success.

Held over 3 days, September 23-25, the Congress theme was *Chiropractic For A New Normal*. The program reflected the events of the past 20 months and the way in which the chiropractic profession worldwide has pivoted to new ways of working and has shown resilience, innovation and



Dr Nakela Cook, Executive Director, PCORI

Patient-Centered Outcomes Research Institute (PCORI).

Dr Cook delivered an outstanding presentation, highlighting the significant efforts being taken in the United States to direct clinical research to end users - clinicians and patients - and the importance of engaging patients in discussion about issues in healthcare that mean most to them. She congratulated the WFC on its 20 Principles document, much of which mirrors the objectives and values of PCORI.

The opening session also featured plenary presentations on humanitarian care being



Dr Michelle Krennek, event emcee

fortitude in continuing to serve populations and communities.

Day one of the event was launched with welcome addresses from WFC President, Dr Carlos Ayres, and Secretary-General, Dr Richard Brown. These were followed by the opening keynote address from Dr Nakela Cook, Executive Director of the

Chiropractic for a New Normal: WFC Congress inspires delegates with learning extravaganza (continued)

delivered to underserved communities around the world.

The WFC Congress once again featured Oxford University's medical philosopher, Dr Jeremy Howick, who gave an enthralling presentation titled *Kindness is a Blockbuster Drug*, where he argued that kindness and empathy constituted a fundamental tenet of the provision of modern healthcare.

A panel discussion on diversity, equity and inclusion followed, chaired by one of healthcare's most prominent activists, Dr Jamiu Busari.

On days one and two of the

Congress, delegates were given options of four learning tracks, where they were able to select from platform research sessions or from a range of workshops and group discussions on subjects including public health, pain science, neurology, telehealth, radiology, regulation, pediatrics and biomechanics.

On day two, Congress delegates were treated to a keynote presentation from Professor Steve George, director of musculoskeletal medicine at Duke University. He spoke of the value of biopsychosocial approaches to spine care, reiterating the importance placed by speakers throughout

the Congress on taking a whole-person approach to healthcare.

Professor Andrew Briggs and Dr Deborah Kopansky-Giles from the Global Alliance for Musculoskeletal Health (G-MUSC) presenting the recommendations of the recently-published Global Strategy for Musculoskeletal Health, commenting that chiropractors have a role to play in delivering evidence-based, sustainable care to global populations.

National Director of Sport in Mexico, Dr Raul Carrillo described the opportunities for

Dr William E. Morgan, President, Parker University



Chiropractic for a New Normal: WFC Congress inspires delegates with learning extravaganza (continued)

chiropractors in the care of athletes, while the Chiropractic Program Director for the U.S. Department of Veterans Affairs, Dr Anthony Lisi spoke of the importance of interprofessional care.

The second of the panel discussions, chaired by Dr William Morgan, focused on unifying principles in chiropractic and featured panelists from the Philippines, New Zealand, the United States and Canada.

Day three of the Congress kicked off with Dr Wren Burton from Harvard's Osher Center for Integrated Health explaining the role of Generation Z in moving the needle in chiropractic. She was followed by the World Health Organization's Dr Molly Meri Robinson Nicol, a graduate of Northwestern Health Sciences University, who spoke of the work of WHO in global transformation and her work in the Process Efficiency Unit.

Recognizing the growing role of chiropractors in the care of older persons, the Congress featured two dedicated presentations on healthy ageing. Researcher Dr Katie de Luca explained the potential contribution that chiropractors can make to the care of older people. WHO Medical Officer Dr Yuka Suma emphasized the objectives of the UN Decade of Healthy Ageing and the opportunities for chiropractors to contribute to the Integrated Care of Older People (ICOPE).

Congress attendees enjoyed a presentation from Shawn Thistle of RRS Education, on the importance of knowledge translation before a final panel discussion chaired by Logan University's Dr Clay McDonald, focused on the post-Covid future of the chiropractic profession, featuring panelists from Denmark, South Africa, Canada and Australia.



Panel discussion on unifying principles in chiropractic



Dr Molly Meri Robinson Nicol, Unit Head, Process Efficiency Unit, WHO



Dr Katherine Pohlman, Director of Research, Parker University

Chiropractic for a New Normal: WFC Congress inspires delegates with learning extravaganza (continued)



Dr Claire Johnson, WFC Public Health Committee Chair

During the Congress, the lifetime achievement of past WFC President Dr Stathis Papadopoulos was recognized as he was presented with the WFC David Chapman-Smith Honor Award.

Over 160 abstracts were submitted to the Congress, resulting in 49 platform presentations and the exhibition of some 85 digital posters, a first for a WFC Congress. A special session chaired by Chair of the Congress Scientific Committee, Dr Christine Goertz, celebrated the best research whilst announcing the NCMIC Research Awards and the IBCE Poster Awards.

Reflecting on the 2021 Congress, program director Dr Richard Brown commented, "In our thirtieth year of hosting biennial congresses, to organize and host a one hundred percent virtual event was a journey into the unknown. Thankfully, due to the outstanding assistance of our friends at Parker Seminars, we were able to host an event that delivered the most diverse range of speakers ever.

"This reflects our commitment to diversity, equity and inclusion and ensuring that each of our seven world regions were represented on our speaker faculty.

"We are indebted to Parker Seminars and to each of the speakers who gave so generously of their time to make this a memorable event."

The finale of the Congress saw a preview of the 2023 Congress, which will be held October 11-14, 2023 in Gold Coast, Australia.

All sessions are available for registered delegates to access on-demand until December 31, 2021.



Dr Bart Green and Dr Scott Haldeman spoke on the value of telehealth in spine care



Dr Christine Goertz, Chair of the WFC Research Committee, presented the Research Awards

John A. Sweaney lecturer reflects on interesting times and great opportunities for the chiropractic profession

Dr John Sweaney was the third president of the WFC, serving from 1995-1998. He was involved with the WFC from its inception, and in recognition of his achievements, the WFC established a biennial lecture in his honor.

This year's John A. Sweaney lecturer was Dr Michele Maers, President of the American Chiropractic Association and a past Vice-President of the WFC.

Dr Maers delivered a powerful presentation, reflecting on events since the last WFC Congress in 2019. Despite the challenges, Dr Maers focused on the 'brilliant moments of hope' that came with communities coming together, development of life-saving vaccines and a time for reflection.

Dr Maers called for partnership with a broader range of stakeholders and for a commitment actualize the untapped potential of the chiropractic profession. She reflected on the challenge issued by Dr Scott Haldeman in 2015, when he called for the profession to step up, be evidence-based and stake our claim in spine care.

In championing the role of research, Dr Maers talked of the way in which research secured seats around the tables of influence. She spoke of the WFC's role as a founding member of the Global Research Alliance and the work of World Spine Care in reaching out to underserved communities. She highlighted chiropractic's influence in the leaderships of the Global Alliance for Musculoskeletal Health and the Patient-Centered Outcomes Research Institute.

Dr Maers encouraged a move away from the divisiveness of social media arguments to using the post-Covid period as a time to re-evaluate chiropractic's standing as a profession and



Michele J. Maers, 2021 John A. Sweaney Lecturer

rededicate more purposefully to a global vision of an evidence-based, people-centered, interprofessional and collaborative future.

A focus on social disparities and the determinants of health led Dr Maers to call for work to combat ageism, racism and other inequities in society.

She went on to encourage chiropractors to engage more in critical thinking and to lean into opportunities for continued professional development to optimize the potential of the profession.

Dr Maers spoke of 'out of the box thinking from an out of the box profession' and spoke of the value proposition as a safe, effective and cost-effective means of spine care. She concluded that now was the time to heed the WFC's clarion call to Be EPIC and that the decision to be EPIC was ours to take.

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2021 WFC Research Awards

The WFC Biennial Congress serves not only as the chiropractic profession's leading international academic conference; it is also the largest chiropractic scientific meeting. Submission of abstracts followed a call that was administered by the WFC's contracted service provider, Brighthall.

With the event being wholly virtual in nature, it was difficult to predict the anticipated number of abstracts. However, in the end the WFC was delighted to receive over 160 submissions, each of which was

considered by the WFC Peer Review Committee (PRC), comprising members of its Research Committee and other scientists. The PRC ranked each of these in turn, with higher-ranked abstracts being offered platform abstract presentations and further abstract authors being invited to submit digital posters.

The 42 top ranked abstracts of original research and a further 7 presentations of best published research abstracts since the date of the last Congress were recorded and presented during dedicated research sessions of

the Congress. In addition, an online exhibition of over 80 digital posters, curated by iPoster Sessions, was made accessible throughout the Congress.

Presenters of platform presentations were invited to submit full manuscripts to the NCMIC Research Awards, while all posters were entered for the IBCE Poster Awards.

The WFC is grateful to NCMIC and IBCE for their generous sponsorship of the Research Awards.

WFC NCMIC RESEARCH AWARDS

SCOTT HALDEMAN AWARD FOR OUTSTANDING RESEARCH (\$10,000)

Utilization of chiropractic care reduces use of prescription opioids among older Medicare beneficiaries with spinal pain.

James WHEDON, Sarah UPTMOR, Andrew TOLER, Serena BEZDJIAN, Todd MACKENZIE, Louis KAZAL.

NCMIC-JMPT LOUIS SPORTELLI RESEARCH AWARDS FIRST PRIZE (\$7500)

Association between psychosocial parameters and response to chiropractic care amongst older adults with chronic low back pain.

Michele MAIERS, Mary FORTE

2021 WFC Research Awards (continued)**NCMIC-JMPT LOUIS SPORTELLI RESEARCH AWARDS SECOND PRIZE (\$5000)**

Effects of distinct force magnitude of spinal manipulative therapy on blood biomarkers of inflammation and oxidative stress in a healthy population.

Feliipe DUARTE, Martha FUNABASHI, David STARMER, Wania PARTATA, Daniel WEST, Dinesh KUMBHARE, Stephen INJEYAN

NCMIC NEW INVESTIGATOR AWARD (\$3000)

The temporal stability of self-reported low back pain trajectories.

Casper NIM, Alice KONGSTED, Aron DOWNIE, Werner WACH

**WFC IBCE POSTER AWARDS****IBCE BEST OVERALL POSTER - FIRST PRIZE (\$3000)**

Changes in intervertebral motion sharing after cervical spine manipulation are minimal and not correlated with patient reported outcomes

Jonathan BRANNEY, Alex BREEN, Alan BREEN



2021 WFC Research Awards (continued)

IBCE BEST OVERALL POSTER - SECOND PRIZE (\$1500)

Characterization of thoracic spinal manipulation and mobilization forces in older adults.

Martha FUNABASHI, J SON, JG PECORA, S TRANS, J LEE, S HAWORTH, G KAWCHUK, K DeLUCA

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Marlo SWANEPOEL, Tobias BARNARD, Fatima ISMAIL, Atheesha SINGH

WFC ASIA

Utilization of radiographs among chiropractic interns in a chiropractic teaching clinic

Sheng Hui KIOH, Tamara Glen POOKE, Cheah Siew VERN

WFC EUROPE

Roland Morris, Oswestry, and Quebec Back Pain Indexes: Which has better Measurement Properties in Older Adults with Low Back Pain?

Alan JENKS, Trynke HOEKSTRA, Sidney RUBINSTEIN, Maurits VAN TULDER, Raymond OSTELO, Alessandro CHIAROTTO

WFC LATIN AMERICA

Adverse events following the first chiropractic visit in a corporate environment

Daniel FACCHINI

WFC NORTH AMERICA

Teaching, learning, and patient care in a chiropractic teaching clinic during early stages of the COVID-19 pandemic in California, USA

Donna ODIERNA, Monica SMITH

WFC PACIFIC

Chiropractic spinal manipulation increases the corticomotor excitability of lower limb muscle in people with chronic stroke

Muhammed Samran NAVID, Imran Khan NIAZI, Dina LELIC, Imran AMJAD, Nitika KUMARI, Muhammad SHAFIQUE, Kelly HOLT, Usman RASHID, Asbjorn Mohn DREWES, Heidi HAAVIK

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New WCCS President champions respect and inclusion

From the very outset of her time as a chiropractic student, Louisa Conradi has been involved with the World Congress of Chiropractic Students (WCCS). Now a third year student at the Welsh Institute of Chiropractic (WIOC) at the University of South Wales, Louisa was introduced to the international student organization by existing chapter members. It was, she says, a great fit for her.

"In my early days at WIOC I was introduced to a WCCS Chapter rep. Right from the start, I was really drawn to what WCCS stood for and greatly enjoyed the open and respectful discussion. I learned so much so quickly and it was inspiring to



Louisa Conradi is the 2021-22 WCCS President

be involved with such motivated people. "

Louisa grew up in a small town in the northern central Germany. With a number of chiropractic clinics in her immediate vicinity, she was aware of the profession, but did not immediately decide that this would be her ultimate career path. However, after speaking to both medical doctors and chiropractors, she became convinced that chiropractic was the profession for her.

After spending time in New Zealand, where she also had the opportunity to shadow chiropractors in clinical practice, Louise opted for WIOC as her preferred training institution, attracted by the ethos and direction of the university-based program.

She wasted no time in getting involved, furthering her interest in sports chiropractic by founding the WIOC FICS Student Club. She has also developed an interest in chronic pain and rehabilitation, which she considers to be of increasing importance as the need for society to address these issues becomes ever greater.

Louisa's love of mixing within an international



New WCCS President champions respect and inclusion (continued)

community has been greatly satisfied by her work with WCCS. Her colleagues, both in the WIOC Chapter and in WCCS worldwide, present an opportunity to mix with a wide range of like-minded people from different countries and cultures. This, she explains, is one of the great strengths of the organization.

"Undoubtedly, one of WCCS's biggest plus points is its respect for all perspectives and viewpoints. Everyone has a great respect for the different backgrounds that make up WCCS. We have a dedicated focus to concentrate on common goals rather than on professional differences. We have a very inclusive structure and champion diversity and fairness to all."

This is not to say that WCCS does not tackle the big ticket items when it comes to the chiropractic profession. Louisa is conscious of those who promote a pressure to separate rather than unite but feels that diversity is a strength.

"WCCS is committed to working on great global cooperation," she explains. "We are very conscious of who we invite to address our meetings and resist those whose agenda is to divide rather than unite."

WCCS has recently updated its mission and vision with a view to making the organization more accessible. Acknowledging the critical importance of cooperation within a global context, WCCS aims to include chapter membership from all chiropractic educational institutions.

"We're delighted to have had new Chapters join us this year and can't wait to meet them in person at our future events. 2020 and 2021 have been challenging years for us amidst the pandemic and, like all organizations, we eagerly anticipate a return of our in-person meetings."

Speaking on matters of global health, Louisa points to the value of attending the World Health Assembly.

"It is such an eye-opener!" she exclaims.

"Listening to the perspectives of leaders in health care is extremely informative. WCCS supports the World Health Organization and the actions it takes to improve public health around the world. We are also strongly supportive of the WHO's goal of Universal Health Coverage. We believe that all populations should have access to chiropractic and that chiropractors have an essential role in the provision of evidence-based, people-centered health services."

Louisa's vision for WCCS over the next 10 years are for continued growth, expansion and inclusivity. "We fully support the WFC's #BeEPIC campaign, especially as it relates to putting patients first. We've been inspired by the



diversity, equity and inclusion (DEI) work of the Canadian Chiropractic Association and see a greater role for persons with disabilities in the profession," she says.

Louisa is keen to express her support that the WFC has provided to WCCS. She also acknowledges the role that the past WCCS Board played in extremely difficult circumstances and thanks all past officers and committee members for their outstanding service.

Louisa Conradi was speaking to Richard Brown.

2021 WFC WORLD SPINE DAY COMPETITION



Get involved for a chance to WIN!

Here at the WFC, we want to hear how you have celebrated World Spine Day 2021 in your local community.

Whether you're a WFC member, national association, educational institution or independent chiropractor or clinic, tell us what you've done to make an impact on World Spine Day.

We will be recognizing the best projects and activities, so be sure to take plenty of photographs when you share your stories with us.

Information can be found on the WFC website at wfc.org.

Professional associations

First prize: US\$600

Runner up: US\$300

Educational institutions

First prize: US\$600

Runner up: US\$300

Clinic/individual practitioner

Best entry: US\$500

Send in your competition entries by **November 19, 2021** to **wsdcompetition@wfc.org**.

Winners will be featured in the January 1, 2022 issue of the WFC Quarterly World Report.

ACC President announces retirement

David O'Bryon to step down after 25 years in post

The Association of Chiropractic Colleges (ACC) has announced that David O'Bryon, the group's president since 1996, has decided to retire effective July, 2022.

O'Bryon was one of the architects of a comprehensive legislative strategy that resulted in chiropractic service being made available to the military as well as the VA. Millions of research dollars have come into the profession because of O'Bryon's work before Congress.

The early years of his career were spent working for the United States Congress starting in 1972. His retirement will cap a 50 year career. Prior to joining the ACC, O'Bryon was on the staff of the American Chiropractic Association (ACA) where he served as its first full time advocate.

"David O'Bryon has served the field of chiropractic for more than four decades. His significant achievements and contributions will not be forgotten, particularly his work to expand care for chiropractic patients. O'Bryon's passion about the work, his deep understanding of the field and his commitment to our students and the future of chiropractic have been exemplary. David's professionalism and his ability to quietly effect massive change for chiropractic are recognized and appreciated by anyone who has worked with him," said Dr. Ron Oberstein, speaking for the entire ACC board. The board will honor O'Bryon's service at the ACC-RAC conference to be held in San Diego, CA March 17 -19, 2022.

O'Bryon has been recognized by the ACA and the FCLB for his contributions to the field. O'Bryon received ACA's humanitarian award. He also received a special award from FCLB. He received an honorary LL.D degree from Logan University. The Federation of Associations of Schools of the Health Professions honored him for his service and leadership as the group's chair.

Understanding the importance of collaboration



David O'Bryon has served as ACC President since 1996

and partnerships to advance the ACC and its work, O'Bryon's leadership has gone beyond the field of chiropractic. He currently serves as chair of the Secretariat at the National Association of Independent Colleges and Universities and sits on their executive committee and board. He is a founder and past chair of the Academic Collaborative for Integrative Health. He wrote the District of Columbia's independent board, scope of practice and ancillary procedures statutes. His impact in integrative health has been impressive in its advancement of chiropractic's cultural authority. He is a delegate to the National Academy of Science Engineering and Medicine's Global Forum.

The Association of Chiropractic Colleges represents over 20 chiropractic programs on 22 campuses.

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Logan University Receives \$1 Million Gift Toward \$28 Million Campus Renovation Campaign

Lead Gift from Dr. Arlan & Mrs. Judi Fuhr of Activator Methods International Launches “Advancing Education, Transforming Lives” Campaign

As part of its ongoing commitment to advancing education and transforming lives through evidence-based, patient-centered health care, and thanks to a generous lead gift from Dr Arlan W. Fuhr and Mrs. Judi Fuhr, Logan University recently announced plans to renovate and expand the newly named Fuhr Science Center (formerly Science and Research Center) as well as renovate portions of the Administration Center on its campus.

With an additional 14,400 square feet, the updated Fuhr Science Center will house state-of-the-art anatomy labs, a simulated imaging center, technique labs, faculty offices, additional student collaboration and study areas, and Anatomage tables—which are the most advanced, 3D-simulation systems used by leading health care institutions throughout the world. These features are important and necessary as the university continues to expand, add more degree programs and enroll even more students in both the College of Chiropractic and College of Health Sciences.

Hands-on, applied learning has always been a cornerstone of the Logan experience. Since Logan founder Dr. Hugh B. Logan’s first class of seven students, the university’s curriculum has incorporated real-world, evidence-informed, patient-centered practice into daily instruction. Now, more than 85 years since its founding, Logan remains dedicated to teaching its students the



Dr Arlan and Mrs Judi Fuhr have donated \$1m to Logan University's Campus Renovation scheme

long-standing traditions of chiropractic technique while also preparing them to work in an integrated and ever-evolving health care environment.

“Logan University provides a strong education rooted in science, research and evidence, and its graduates are solid and balanced in their

Logan University Receives \$1 Million Gift Toward \$28 Million Campus Renovation



practice. I've dedicated my career to innovation so that we, as chiropractors, can help patients improve their health, and it's an honor to give back to the university that has given me so much," said Dr. Fuhr, founder and chairman of Activator Methods International and co-inventor of the Activator Adjusting Instrument and the Activator Method Chiropractic Technique.

Guided by Logan's mission and vision, the "Advancing Education, Transforming Lives" campaign will be funded through three efforts: financing through an existing long-term relationship with the university's banking partner, a strategic spend in cash reserves and a fundraising campaign.

"This campaign will transform our spaces to support students and increase emphasis on

the elements of the Logan academic experience—anatomy, technique, clinical methods—that prepare our chiropractic and health sciences graduates for the patient care of tomorrow," said Logan President Clay McDonald.

"On behalf of the university and its future students, we are incredibly grateful to Arlan and Judi Fuhr for their generous support in helping us launch this initiative."

Dr. Fuhr has remained connected to Logan throughout his career. In the 1970s, he was one of 70 alumni who donated \$5,000 to raise the \$350,000 down payment to purchase Logan's current campus property".

Construction is set to begin in the first quarter of 2022.

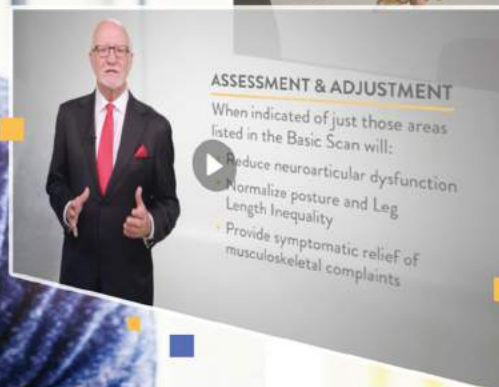
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Northeast College Welcomes Students to Fall 2021 Trimester

Northeast College of Health Sciences, formerly New York Chiropractic College, welcomed new and returning students to the Fall 2021 Trimester. Students in the Doctor of Chiropractic Program began classes at the Seneca Falls, N.Y. campus on Sept. 8, the same day students in the 100% online nutrition and human anatomy and physiology instruction master's degree programs started studies virtually.

As pandemic safety measures continue to be observed across campus, the College began its traditional 15-week Fall 2021 trimester as scheduled, in-person, and continues to see strong enrollment.

"I think the pandemic really brought attention to the need for more evidence-based, highly qualified healthcare professionals who are prepared to meet today's increasing demand," said Scott Booth, assistant vice president of enrollment development and admissions. "We welcomed a group of incoming students looking to fulfill this need and follow their calling to heal."

First-term chiropractic students were welcomed by faculty, staff and students on Sept. 7 during the Fall 2021 Trimester Orientation, where they were able to ask questions about life at Northeast, explore campus and hear about the

many opportunities and resources (such as counseling, academic support and clubs and organizations) available to them.

Greeted by Northeast College President Dr. Michael Mestan, students received an overview of the student learning experience and the



Students at Northeast College of Health Sciences start the new trimester

immersive curriculum of their ten trimesters at Northeast.

"We're all so grateful to have you here with us as we reimagine health together," said College President Dr. Mestan. "Our expert faculty and staff are 100 percent dedicated to you and your future, and we are all here to help you succeed."

Closing remarks to new students were delivered by Executive Vice President for Academic Affairs Dr. Anne Killen, and her words ring true for all Northeast students beginning the term: "You are about to embark on an amazing and challenging academic journey. Our faculty seek to not only educate you but transform your thinking and actions to provide quality patient care, apply professional best practices and always be a leader in the profession."



Northeast
College of Health Sciences
FORMERLY NEW YORK CHIROPRACTIC COLLEGE

UQTR chiropractic department and student association become signatories to ICEC

The chiropractic department of the Université du Québec à Trois-Rivières (UQTR) is proud to announce that a motion was adopted unanimously on March 1, 2021, in support of becoming a signatory of the International Chiropractic Education Collaboration (ICEC). This motion was in turn supported by the members of academic and administrative university upper management. On July 14, 2021, the ICEC steering committee confirmed that UQTR was officially to become the 17th full member of the ICEC group.

The UQTR chiropractic department therefore joins 16 chiropractic educational institutions in support of training future chiropractors based on a contemporary, evidence-based, and patient-centered approach.

In a distinct process, following a survey of its members, the chiropractic student association at UQTR (*Association des Étudiants au Doctorat en Chiropratique*- AEDC) also became official signatories of the ICEC Education Position Statement. The survey regarding the position statement was motivated by the will of the students to have a say in their educational expectations and goals for the chiropractic profession in 2021. With this signature, overwhelmingly supported by its members, the

student association looks forward to a bright future for the profession in a contemporary and ethical educational setting.

In addition, a study of the attitude of UQTR undergraduate chiropractic students toward the ICEC Education Position Statement and toward evidence-based practice (EBP) beliefs revealed high levels of agreement with both EBP beliefs and the Education Position Statement. Results of the study have been accepted for publication in the *Journal of the Canadian Chiropractic Association* and are to be presented during the WFC congress in September 2021.

The UQTR chiropractic program is a 5-year program within a publicly funded university. This environment fosters interprofessional collaboration and communication, as students learn and evolve with other healthcare students. The chiropractic department's support for the ICEC Education position statement, combined with the parallel venture by the student association, both reflect the commitment of the entire UQTR community towards the constant development and promotion of chiropractic education based on the highest academic standards.



Students report on life at AECC

Life during the pandemic at AECC University College has certainly been different for our students. Working in full PPE, having online lectures, doing practicals in bubbles and even undertaking remote exams, all brought a different experience to their studies and, impressively, our students have managed to continue to thrive. We catch up with a few of our current students to get their thoughts on this unprecedented year.



Lidi van Stichel - year 2

"You can tell that the building has been given a make-over, to reassure the safety of staff and students. It is wonderful to see our little community working together to keep everyone safe.

"As students, we tend to put our



forget that it is not just a new experience for us, but also for the staff and tutors! The staff are doing an outstanding job at making sure we get the best learning opportunities, whilst also keeping us safe. Lecturers have been patient and understanding, and they are always open for a chat if you are struggling."



Jia Tey - year 2

"Covid-19 has had a huge impact on everyone's lives. I would like to thank all AECC University College staff and tutors for keeping us updated and providing plenty of support from the beginning despite the

difficult situation."

"Lectures are conducted online in live sessions and there are lots of pre-recorded materials, videos and quizzes available for us to learn from. Practical clinical skills take place on campus and face to face with PPE, with smaller class sizes and video-linked rooms so that students can learn from different staff across campus."

"The library is open for use and sources and materials are available for us physically or as a virtual copy."



Paolo Amat - year 3

"When COVID-19 first hit, we were very lucky that our lecturers launched online learning very early. The lecturers have been phenomenal; they said that if you needed them for anything, whether it was personal or not, to just drop them an email."

"The pandemic has shown me how important human interaction really is."

Parker University Announces Intern Rotation Partnership with Cleveland Clinic Foundation

Parker University is excited to announce that its interns can now complete their rotation at the Cleveland Clinic Foundation (CCF) in Cleveland, Ohio. During this new rotation opportunity through Parker University's Practice-based Internship (PBI), students will be supervised by a Doctor of Chiropractic (DC) and Parker University Extension Faculty.

Parker University's PBI encompasses clinical experience in 35 private practices during an intern's 10th trimester. Interns provide chiropractic care to patients and observe practice management. Interns can use the skills they learn at Parker University under the guidance of a credentialed extension university faculty member in a private practice setting. This program allows interns to expand their knowledge by acquiring first-hand, real-life experience.

The CCF internship provides broad clinical experience and an exclusive opportunity for students to work with CCF's Chiropractic Team. As part of the clinic's Wellness Division, interns will be exposed to services like Acupuncture, Chinese Medicine, Integrative Medicine, Holistic Psychotherapy, Reiki, and Massotherapy.

Parker University interns will undoubtedly experience everything that comes with a real-life hospital environment, helping them gain experience and insight into patient cases as part of a multi-doctor approach to providing optimal patient care. This diverse learning environment prepares students to tackle future cases with confidence, first-hand experience and advanced knowledge.

To learn more about Parker University's internship partnership with CCF, visit parker.edu.

CUKC to host 2022 ABCA conference

The American Black Chiropractic Association (ABCA) has announced that its 2022 convention will be held on the campus of Cleveland University-Kansas City (CUKC) in June. It will be the 41st annual gathering for the group. In addition, the CUKC chapter of the Student American Black Chiropractic Association (SABCA) will play a major role as host for the weekend event.

Members from across the country who are either chiropractic students, or practicing doctors of chiropractic, will converge on the CUKC campus for a weekend of professional education and inspiration. The event is an opportunity for attendees of both groups to come together in support of each other, and of the chiropractic profession.

In addition to plenary sessions, ABCA leaders will handle any business pertaining to the organization, such as nominations, voting on leadership, confirming policies and procedures, and discussing organizational goals. There will also be time allotted for any new business to be presented by general members, and regional meetings by group membership will also be held.

Attendees will have the opportunity to attend lectures, workshops and other events for professional growth. Current practitioners will be able to earn continuing education units while at the convention. The event also provides educational opportunities for SABCA members, and all attendees will have ample time for contact with vendors offering various products and services for doctors of chiropractic.

The President of the ABCA, Dr Micheala Edwards, spoke recently on diversity, equity and inclusion at the 16th WFC Biennial Congress



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My Human Touch massage chair makes my life much easier. It allows me to work through the pain I live with daily and finally relax. It's like having a massage therapist on call at home whenever you need it. - **Paul Schultz**, *Fibromyalgia Sufferer*

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Logan University announces Masters in Integrative Pediatrics

Logan University has announced the opening of a new Master of Science degree in Integrative Pediatrics. With an understanding that chiropractors can change the trajectory of children's lives by improving their health, this degree program provides high-quality, clinically focused, specialized training for chiropractors who want to take their pediatric knowledge and expertise to a higher level and deliver safe and effective care modified for pediatric patients.

"The Master of Science in Integrative Pediatrics blends passion, excellence and leadership and is spearheaded by one of the foremost authorities in the specialty of chiropractic pediatrics, Dr. Elise Hewitt," said Clay McDonald, President of Logan University. "This new program is Logan's latest endeavor in enhancing and progressing the chiropractic profession."

Program Director Elise Hewitt has spent more than 30 years advocating for the chiropractic care of children and served as president of the ACA Pediatrics Council for 10 years. Dr. Hewitt has extensive experience teaching all aspects of pediatric practice. She was named 2019 Pediatric Chiropractor of the Year by the ACA Pediatrics Council.

"I'm honored to spearhead the US's first master's degree in the field of pediatric chiropractic," Dr. Hewitt said. "Everything I do professionally is focused on increasing access to quality chiropractic care for kids, and leading this program is an outstanding opportunity to make that happen."

Beginning in the fall 2022 trimester, the Master of Science in Integrative Pediatrics program is a part-time, two-year program hosted primarily online with one in-person practicum per year for hands-on learning. Students will gain a working knowledge and understanding of the



Dr Elise Hewitt will be the course leader on the new Logan University Pediatrics Masters program

anatomy, physiology, neurology and nutritional needs of pediatric patients; improve manual therapy skills with training in spinal, cranial and extremity techniques; deepen their knowledge of pediatric diagnostic imaging; learn how to manage common and uncommon pediatric health conditions while appraising and assimilating scientific evidence; and dive into management of pediatric sports injuries and extremity conditions.

Enrolment has opened for the fall 2022 trimester. For more information, visit logan.edu.

NWHSU celebrates 80th anniversary while investing in the future

In 2021, Northwestern Health Sciences University celebrates 80 years of providing high-quality chiropractic education in Minnesota.

Building on that legacy, the institution is looking forward and investing in changes that will serve students for the next 80 years and beyond.

Through a generous donation from the estate of alumnus Dr. David Mitchell, NWHSU is completing a major renovation of its anatomy labs: designing the space to fit the needs not only of current students, but future

generations of chiropractors.

“When we were approached with this opportunity, it was incredible,” said Dr. Joseph Muldoon, an anatomy instructor involved in the design of the space.

“We were encouraged, not to think about how we’re teaching anatomy now, but instead to think about how anatomy should and will be taught into the future.”

The renovation will not only bring state of the art technology to the space, but will create a learner-focused,

accessible environment for students both on- and off-campus.

NWHSU instructors believe in the value of in-person dissections. Having hardwired cameras within the dissection room allows for students who cannot be on campus to get that experience from wherever they are, and for on-campus students to review the dissection from home.

This hybrid approach is also being implemented across campus, with technology installed to create HyFlex classrooms where students



NWHSU celebrates 80th anniversary while investing in the future (continued)

can learn in-person, online in real time, or asynchronously.

"We've learned so much throughout the pandemic, switching first to online and then hybrid instruction in our chiropractic program," said Dr. Katie Burns Ryan, dean of the College of Chiropractic at NWHSU.

"Now, we're using everything we've learned to ensure our program remains rigorous and evidence-based, and also accessible and

student-centered."

Hybrid and online learning models have been put to the test at NWHSU, and everywhere, over the last year and a half. The most recent NBCE Board scores illustrate that the transition at NWHSU has been successful: the school's pass rate has increased through the pandemic.

"We were able to maintain this level of academic rigor, and we're very proud of that," said

Dr. Muldoon.

"Our legacy of outstanding anatomy faculty have always done an amazing job with what they had, and now we're creating a space that will help us reflect that tradition of excellence into the future."

Renovations are scheduled to be complete in late September, and students will begin learning in the space right away.

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- Eight decades of educating and graduating Doctors of Chiropractic
- Combining passion with knowledge
- Providing clinical experiences to propel future careers
- Advancing learning through continuing education

nwhealth.edu

Logan launches new strength and conditioning program

High-performing athletes deserve the most qualified, well-rounded athletic performance coaches. With a science-based, evidence-informed curriculum, Logan University will launch a Master of Science in Strength and Conditioning to its award-winning lineup of degree programs, beginning summer 2022.

"As an established chiropractic and health sciences university paving the way for collaborative, holistic, integrated care, we're proud to offer innovative, in-demand programs such as the new Master of Science in Strength and Conditioning," said Logan University President Clay McDonald.


Logan's program is industry-driven and developed and led by experienced, active leaders in athletic performance. Upon graduation from this one-year, online program, students will be prepared to sit for the NSCA Certified Strength & Conditioning

Specialist (CSCS) exam—the gold standard in athletic performance.

"We're working alongside experienced, highly respected coaches in athletic performance, including Dr. Pat Ivey, Scott Bird and Dr. Bryan Mann, to develop our curriculum," said Brittany Ramirez, program director of Logan's Master of Science in Strength & Conditioning as well as Master of Science in Sports Science & Rehabilitation and team chiropractor for Mizzou Athletics.

"Our graduates will be well-prepared to apply scientific knowledge to train athletes for the primary goal of improving athletic performance—whether that's conducting sport-specific testing sessions, designing and implementing programs, or providing guidance on nutrition and injury prevention."

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Kelly Holt announced as new President of New Zealand College of Chiropractic

The Board of Trustees of New Zealand College of Chiropractic has appointed Dr Kelly Holt as the next president of the New Zealand College of Chiropractic.

Dr Holt was a member of the College's inaugural graduating class and entered private practice in 1999. He has a deep belief in giving back, and he started working at the College in 2000 and has held many roles as lecturer, mentor, researcher and long-time member of the senior leadership team. He has been a full-time team member at the College since 2009, and in 2014 he was awarded his PhD in population health from the University of Auckland.

"Kelly's commitment to the philosophical foundation of the College combined with his background in public health, chiropractic and academia, his years of experience, and his passion for the College, make him the ideal fit as our next president," says Chris Barham, chairman.

Dr Holt applied for the president's role because



Dr Kelly Holt is the new President of New Zealand College of Chiropractic

he has a vision to grow a legacy fund to invest in people and programmes so that the NZCC continues to lead the way in chiropractic education.

"Supporting our people to unlock their potential and providing the best learning experience to prepare the next generation of chiropractors to serve their community and the profession is a key focus," says Kelly.

Kelly is also passionate about embracing technology and innovation to enhance education and says the College already has a talented team to achieve this.

A proud graduate, Kelly stepped into the president's role on September 20, 2021.



New Zealand College of Chiropractic

New Kentucky-based chiropractic program to launch

A brand new chiropractic program will launch early in 2022, making it the twentieth nationally accredited course in the United States.

Campbellsville University (CU), a private Christian university in Campbellsville, Kentucky, just south of Louisville, has announced it will "introduce a new model of chiropractic education with the opening of its School of Chiropractic."

The program will be housed in an impressive new 45,000

square foot facility. The program will not only prepare students to work as chiropractors, but will also emphasize business acumen, given that 85% of chiropractors operate their own businesses as practice owners.

"The School of Chiropractic represents a major milestone in the history of Campbellsville University as well as the Commonwealth of Kentucky. As the eighth school in the Campbellsville University system, it signals the institution's continued commitment to

develop distinctive professional training at the graduate level," said Dr. H. Keith Spears, interim president of Campbellsville University.

"For more than 100 years, Campbellsville University has been committed to a mission in educational excellence. Now our Doctor of Chiropractic program will attract an entirely new group of students eager to practice integrative health care and promote overall well-being to Central Kentucky."

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Parker University welcomes new director of institutional advancement

Parker University is proud to announce Mr. Floyd McLendon Jr. as its new Director of Institutional Advancement. This unique role at Parker University is eclectic, as Mr. McLendon is responsible for establishing the mission, values, and overarching goals to develop a successful, results-oriented advancement program. He is responsible for budget planning, as well as leading and directing the university's philanthropic efforts. Mr. McLendon will



Floyd McLendon Jr

assist Parker University President Dr. William E. Morgan with developing the advancement plan, strategy, recruiting, and managing staff leadership to execute programs, policies, and procedures. Mr. McLendon will also develop and implement a comprehensive strategy to expand the university's influence in North Texas and represent the university to all veteran organizations.

Mr. McLendon has hit the ground running in his new position. He shares, "I'm most excited that the role of Director of Institutional Advancement is such a versatile position. The possibilities of success are limitless and transcend across all departments at the university, requiring the establishment of relationships, effective communication, and hard work."

In 15 of his 25 years of military service as a U.S. Navy SEAL, Mr. McLendon has embraced multiple leadership positions that significantly contribute to fulfilling his new role. He was the senior advisor in the Southeast Asia region leading, managing, and providing direct oversight for 400 special warfare operators. Mr. McLendon was also a liaison for six international governments to conduct multi-lateral operations and achieve peace initiatives. He served as program manager for 60 high-risk instructors teaching land navigation, weapons, and demolitions curriculum. For eight years, Mr. McLendon served as a keynote speaker and mentor for the Naval Special Warfare Community. During this time, he conducted outreach engagements across the nation, advocating for awareness and diversity for the Naval Special Warfare Community. Since retiring from naval service, Mr. McLendon has become a published author and speaks professionally across the nation.

Mr. McLendon is succinct in explaining his goal in this exciting new role. "Through my overarching efforts as Director of Institutional Advancement, I will support and enhance the mission, vision, values, and goals of the university created by the president, Board of Directors, executive team, faculty, and staff."

CMCC and SDU sign landmark collaborative MoU

Canadian Memorial Chiropractic College (CMCC) has signed an official memorandum of understanding with the University of Southern Denmark (SDU) Institute of Sports Science and Clinical Biomechanics.

The memorandum is an important step in formalizing an alliance between the two institutions that will ultimately provide opportunities to foster cooperative and mutually rewarding relationships in areas of research and education.

This cooperation extends to areas of collaboration and joint publication of scientific papers in musculoskeletal research, joint applications for funding of research; joint educational courses; graduate and undergraduate student mobility such as internships and study abroad; facilitation of common graduate student projects; adjunct appointments and exchanges for senior researchers; development of joint courses; exchange of faculty for teaching and observation.

"We are proud to reach this agreement with our colleagues at SDU. Such agreements at an international level not only increase our capacity, they promote a cross-cultural knowledge sharing that ultimately enhances joint initiatives. We look forward to developing such projects and opportunities," commented CMCC President Dr. David J. Wickes.

Dr. Jan Hartvigsen, Professor and Head of the Research Unit for Clinical Biomechanics at the Faculty of Health Sciences, University of Southern Denmark as well as Senior Researcher at the Nordic Institute of Chiropractic and Clinical Biomechanics, is delighted that CMCC and SDU have signed this important memorandum.



Dr Silvano Mior

"We have a global network of collaborators in musculoskeletal research, and with CMCC's strong commitment to research and evidence-based advancement in chiropractic, this is a perfect partnership. It will increase opportunities for high-level research as well as student exchange on both sides of the Atlantic," remarked Professor Hartvigsen.

Dr. Silvano Mior, CMCC's Vice President Research and External Relations, has spearheaded this as well as many other such initiatives that continue to define new models of partnership and knowledge sharing between academic institutions and between chiropractors and other health scientists. "Agreements such as this promote international dialogue and enable collaboration, reducing barriers to care for patients. We look forward to advancing collaboration within research and increasing learning opportunities for students," added Mior.

Celebrating 125 Years of Chiropractic



At this time, we reflect on how much the chiropractic profession has grown since 1895. Chiropractic has grown in its numbers, in its science, and in locations around the world. Though chiropractors may come from different nations and backgrounds, they all have the same purpose, to help people get well.

Since 1978, the JMPT has supported the science and research of manipulative and physiological therapeutics. Though the chiropractic profession has accomplished much during this time, we recognize that there is still a vast sea of knowledge that has yet to be explored.

The JMPT wishes you and the chiropractic profession a wonderful 125th year and we look forward to the many wonderful research discoveries in the years to come.

New Pragmatic Trial Seeks to Improve Care for Lower Back Pain

Duke Clinical Research Institute principal investigators lead the clinical and data coordinating centers for a new study that will evaluate a model of care that centers on non-pharmacological treatment options.

A new pragmatic trial co-led by the Duke Clinical Research Institute (DCRI) will seek answers on the impact of a new model of care for low back pain that places primary spine practitioners—doctors of chiropractic and physical therapists—at the forefront of a multidisciplinary collaborative team approach.

The new trial, called IMPACT-LBP, has three primary goals:

- To compare the effectiveness of the multidisciplinary/Primary Spine Practitioner (PSP) model compared to usual care;
- To estimate the cost of implementation of the intervention; and
- To evaluate barriers and facilitators to implementing a multidisciplinary/PSP care model.

DCRI co-principal investigators Christine Goertz, DC, PhD, and Adam Goode, DPT, PhD, along with Jon Lurie, MD, MS, of Dartmouth-Hitchcock Medical Center, will lead the clinical coordinating center for the trial and DCRI's Hrishikesh Chakraborty, DrPH, will lead the data coordinating center, which will be supported by DCRI's Biostatistics team. These investigators will work alongside other scientists from Dartmouth-Hitchcock Medical Center, the University of Iowa, and Duke to conduct the trial.

The study is funded by the National Center for Complementary and Integrative Health, with additional support from the National Institute of Arthritis and Musculoskeletal and Skin Diseases and the National Institute of Child Health and Human Development.



Professor Christine Goertz

The study, which will be cluster randomized at the clinic level, plans to include approximately 22 family medicine, primary care, and general internal medicine clinics in three health care systems: Duke, Dartmouth, and University of Iowa. Investigators intend to enroll 1,800 patients who contact a primary care provider with a primary complaint of lower back pain.

“Current guidelines call for patients with lower back pain to be treated with non-pharmacological care options first,” Goertz said. “This study seeks to evaluate guideline-based care by placing patients at the forefront and having a collaborative, multidisciplinary structure in place to support their care.”

Investigators hypothesize that patients who receive the intervention will experience improved physical function and decreased pain.

Lower back pain is one of the most common musculoskeletal conditions, and it can be both expensive and debilitating for patients,” Goode said. “We hope that this study will inform best

New Pragmatic Trial Seeks to Improve Care for Lower Back Pain (continued)

practices in providing better care for these patients, as well as give us true answers about how much health care systems can expect to invest to implement this model.”

“Results from this study could also have long-ranging impacts, as the care we give patients today informs their outcomes tomorrow,” Lurie(right)said. “Two major outcomes we hope to see are decreases in opioid prescriptions and in costs and health care utilization.”

Pragmatic elements of the study include broad eligibility criteria—the majority of patients 18 years or older with a primary complaint of lower back pain will be eligible to enroll. Study outcomes

include the collection of patient-reported outcomes and data obtained from electronic health records (EHRs).

This study will be supported by the NIH Health Care Systems Research Collaboratory, a resource for pragmatic trials supported by the National Institutes of Health and coordinated by the DCRI. As part of the NIH HCS Collaboratory, the study team will have access to shared learnings, discussions with a cohort of other investigators, and other study support services. The study will first enter a one-year planning phase before moving on to an implementation phase.

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ECCRE awards over €250k in grants to 3 new projects

The aim of the European Centre for Chiropractic Research Excellence (ECCRE), the research arm of the European Chiropractors' Union, is to contribute to further development and strengthening of musculoskeletal research in Europe by part-funding research projects. In 2021, ECCRE awarded part-funding to 3 new research projects:

Cecilia Bergström: Chiropractors' experiences and views in the management of patients 55 years or older with musculoskeletal complaints. (EUR 44,190.00).

This multinational project will explore chiropractors' experiences and views in the management of patients 55 years or older with musculoskeletal (MSK) complaints, and to compare characteristics of chiropractors that frequently manage patients 55 years or older with MSK complaints with chiropractors who do not.

Cesar Hincapie: Spinal manual therapy versus nerve root injection for lumbar radiculopathy: vanguard phase of the SALuBRITY randomised clinical trial (EUR 173, 620.00).

This randomised, double sham-controlled trial compares spinal manual therapy versus steroid nerve root injection in a Swiss university hospital outpatient setting for patients with sciatica. The aim is to assess outcomes important to patients such as pain, function, medication use, quality-of-life, and satisfaction using text messages and questionnaires.

Jani Mikkonen: Clinical effectiveness of movement control exercises with and without specific breathing techniques for the treatment of chronic low back pain: An open-label pilot trial with 2- and 6-month follow-ups. (EUR 36,000.00).

This feasibility study aims to develop and test a study protocol to quantify the differences in multiple persistent low back pain-related outcome measurements among patients prescribed movement control exercises with and without specific breathing techniques. The feasibility study will introduce and test a specific breathing technique protocol that can be easily implemented by clinicians in a healthcare setting.



Cecilia Bergstrom



Cesar Hincapie



Jani Mikkonen

Researchers at Macquarie awarded AUD\$2.1m to research new model of LBP care

Macquarie University researchers at the Department of Chiropractic have been awarded \$2.1 million under the Medical Research Future Fund (MRFF) scheme. Successful grants were announced by The Hon Greg Hunt MP (Minister for Health and Aged Care) and includes researchers at the Department of Chiropractic and Health Professions, who have been awarded the grant to investigate whether patients with low back pain would benefit from team-based care by integrating chiropractors and physiotherapists into general practice clinics.

Deputy Head of Department and Director of Research, Prof Simon French is leading the research at the Department of Chiropractic (Macquarie University), alongside Prof Mark

Hancock from the Department of Health Professions.

Professor French commented, *"We're really pleased with the success of this grant. It is a first for the chiropractic profession in Australia and it's great news for our department, our research group, for the university at large and for the chiropractic profession more broadly...So we're really pleased and excited for this project."*

The study will examine whether a new model of care, integrating a musculoskeletal clinician (chiropractor or physiotherapist) within a primary care team (GP clinic), will improve the overall experience for people experiencing low back pain.



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CCRF celebrates Canadian research innovation with 5 new project grants

The Canadian Chiropractic Research Foundation (CCRF) has awarded five new national grants to Canadian-led research teams. This latest round of grants brings CCRF's overall investment in Canadian chiropractic research to over \$850,000 since it began funding individual projects in late 2019.

"These new projects will expand the footprint of chiropractic research and forge new collaborations with allied healthcare teams, in Canada and around the world," says CCRF Chair, Dr. Chad Kulak.

Dr. Richard McIlmoyle, CCRF's Research Committee Chair, was deeply impressed with the number and calibre of applications they received.

"Canada is home to some of the best and brightest chiropractic researchers in the world. We knew that. But so much of what we saw in this round was new - new ideas, new technology and international collaborations as well as submissions from new institutions, practicing clinicians and post doctoral students. That's really exciting."



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**CCRF Celebrates
Canadian Research Innovation With
5 New Project Grants**

CCRF celebrates Canadian research innovation with 5 new project grants (continued)

Under the direction of its volunteer Research Committee, CCRF issues semi-annual Requests for Proposals (RFPs); a general call in the spring, followed by a more focused opportunity in the fall.

"A rising tide floats all boats," Dr. Kulak adds. "This grant cycle is a prime example of how funding chiropractic research on a national scale advances knowledge and collaboration across the profession. That's why we've chosen to make Early Career Researchers the focus of the CCRF's upcoming Fall 2021 Request for Proposals, to perpetuate this positive momentum."

CCRF's Board of Directors is proud to award funding to these five projects:

PROJECT 1

Title: *Does the use of paramedical health services influence the care trajectory of patients with chronic spinal pain?*

Award: C\$12,060

Lead: Dr. Marc-André Blanchette (UQTR)

Impact: This project will provide valuable information for clinicians to improve care for chronic spinal pain patients; for professional colleges/associations to improve practice guidelines; and for decision-makers who need

evidence to help determine optimal use of paramedical healthcare.

PROJECT 2

Title: *The development of a global tracer indicator to measure effective coverage for rehabilitation of low back pain*

Award: C\$29,800

Leads: Dr. Jessica Wong / Dr. Pierre Côté, University of Ontario Institute of Technology (UOIT)

Impact: In partnership with the World Health Organization, this project will develop a much-needed metric for rehabilitation of LBP from health care providers, including chiropractors. It will be used in high-impact global studies (like the Global Burden of Disease Study) to advance the goal for all people to receive high-quality services and rehabilitation for optimal health and function.

This is the first research project of its kind led by university-based chiropractors in Canada.

PROJECT 3

Title: *Identifying spine care needs, and perceived barriers to accessing evidence-based spine care in northern Manitoba: A Global Spine Care Initiative implementation project.*

Award: C\$45,000

Leads: Dr. André Bussi res / Dr. Steven Passmore (UQTR)

Impact: Pimicikamak, Manitoba (Cross Lake First Nation) has a largely indigenous population with underserved spine care needs. This project will determine the nature and impact of spinal disorders in the community and identify factors which may to impact the community's ability to adopt healthcare approaches intended to improve the health of its residents.

PROJECT 4

Title: *Lived Experiences with Symptomatic Degenerative Cervical Radiculopathy: The Patients' Perspectives*

Award: C\$5,000

Lead: Dr. Joshua Plener, Canadian Memorial Chiropractic College (CMCC)

Impact: DCR is expected to increase in prevalence as our population ages. Understanding its biopsychosocial impact will improve patient-centered care and develop effective non-operative interventions which can be used in interdisciplinary healthcare settings. It will also inform future studies and lead to the development of a high-quality, evidence-based intervention protocol.

CCRF celebrates Canadian research innovation with 5 new project grants (continued)

PROJECT 5

Title: Adaptation of chiropractic care in the aging population: exploration of the views and beliefs of chiropractors

Award: C\$15,200

Leads: Dr. Isabelle Pagé / Dr. Julie-Marthe Grenier, (UQTR)

Impact: This project will explore chiropractors' perspectives on the clinical management, safety and effectiveness of chiropractic care for our aging population. This will be followed by subsequent studies to evaluate whether their beliefs are supported by evidence and whether other aspects should be considered.

For more than four decades the Canadian Chiropractic Research Foundation (CCRF) has been funding chiropractic research. Today CCRF invests in national evidence-based research to improve health outcomes for the over 11,000,000 Canadians living with musculoskeletal pain and disability.

The CCRF would like to acknowledge the dedication of its Research Committee and thank the Canadian Chiropractic Association, Provincial Association partners, and individual donors for their generous financial support.

Chiropractors feature strongly in worldwide neck and back pain expert rankings



Researchers from the chiropractic profession have again featured in Expertscape's world rankings for spine pain.

In the field of neck pain, Professor Pierre Côté from the CMCC-Ontario Tech Centre for Disability Prevention and Rehabilitation (CDPR) ranked #3 in the world expert rankings, while colleagues Jessica Wong (#14), Kristi Randhawa (#19), Heather Shearer (#20), Hainen Yu (#32) and Silvano Mior (#34) also featured on the list. Assoc.

Professor Sidney Rubinstein from the Netherlands ranked #27 on the list, which also featured Eric Hurwitz and Scott Haldeman from the U.S., Jan Hartvigsen from Denmark and Martin Descarreaux from Canada. Results were based on just under 5000 papers published since 2011.

Professor Jan Hartvigsen led the chiropractic field for worldwide expertise in low back pain, coming in at #17. Pierre Côté (#24), Alice Kongsted (#30),

Sidney Rubinstein (#32) and Greg Kawchuk (#36) also featured on the list of global low back pain experts. The rankings were calculated based on a review of 14,475 papers published in the past decade.

Speaking after the rankings were published, Professor Côté commented, "It is a privilege to conduct high-quality research that informs evidence-based policy and assists clinicians in delivering the most effective and safe care to their patients."



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Danish guidelines recommend non-drug and manual therapies for migraine and tension-type headache

It has previously been reported that up to 1 in 4 U.S. households include someone with migraine, with up to 12% of the population - including children - suffering from migraine.

Two recently-published Danish guidelines on migraine and tension-type headache, published in *Cephalgia* and the *Journal of Headache and Pain* recommend manual therapy as part of non-pharmacological treatment of these two common types of headache, along with supervised physical activity, psychological treatment, acupuncture and patient education.

While the evidence underpinning the recommendations was not strong, the authors stressed the low risk of adverse events and patient preferences.

Both guidelines are based on systematic literature searches and a questionnaire involving 380 patients with migraine or tension type headache. The questionnaire was used to clarify the patients' expectations for the treatment. The recommendations only concern manual therapy, not soft tissue treatment such as trigger point treatment.

The purpose of the studies was to offer updated guidelines on some widely used non-pharmacological treatment techniques used to treat migraine or tension type headache, including manual therapy.

In both instances, the search of the scientific literature determined that manual therapy did not lead to serious adverse effects and that manual therapy can have a positive effect on the frequency of pain and the patient's quality of life.

The recommendations are not based on the available weak evidence only, but also on the absence of serious adverse effects and the patients' preferences. More than half the patients who completed the questionnaire indicated that they



Headache is the third largest cause of disability worldwide.

would seek the same treatment in the future if necessary.

The guidelines were formulated by a Denmark-based interdisciplinary team: Dagmar Beier (Odense University Hospital, University of Southern Denmark), Henriette E. Callesen (methodologist), Louise N. Carlsen (Rigshospitalet Glostrup), Kirsten Birkefoss (Danish Health Authority), Hanna Tómasdóttir (Danske Osteopater), Hanne Würtzen (Rigshospitalet), Henrik Wulff Christensen (the Chiropractic Knowledge Hub), Lotte S Krøll (Rigshospitalet Glostrup), Mette Jensen (Doktor Jensen Akupunkturklinik), Christel V Høst (Rigshospitalet Glostrup) and Jakob M Hansen (Odense University Hospital, University of Southern Denmark).



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NCMIC Foundation approves integrative research fellowship

The NCMIC Foundation is pleased to announce that it has awarded the University of Minnesota a grant supporting the continuation of the Integrative Health Research (IHR) Fellowship Program at the Earl E. Bakken Center for Spirituality & Healing.

Established in 2018 with funding from the NCMIC Foundation, the goal of the IHR Fellowship Program is to improve the nation's health and wellbeing by increasing the quality and quantity of chiropractic and complementary and integrative health (CIH) research. The program fills a critical need by providing comprehensive, individualized, "bridge" training for promising chiropractors and CIH professionals seeking research careers.

"Doing research is tough and conducting high quality, impactful science has become increasingly complex," said Roni Evans, DC, MS, PhD, and director of the Integrative Health & Wellbeing Research Program. "The IHR Fellowship Program provides a platform for mentorship and training with NIH-funded scientists from various professional disciplines.

It's especially gratifying as it gives us the chance to share the gains we've made over the years with aspiring chiropractic researchers so they can advance the profession forward."

The program is among the first of its kind in the country in terms of scope, scale and size to focus solely on chiropractic trainees. It comes with some distinct advantages including:

- Unparalleled research infrastructure and resources available at the University of Minnesota, the 8th ranked public research university in the country.
- Mentorship provided by experienced chiropractic researchers with extensive multidisciplinary scientific networks, established NIH track records and current active funding for original research exceeding \$13 million.
- A research portfolio that addresses the effectiveness of holistic chiropractic care for societally relevant problems including pain management and healthy

lifestyle behaviors.

The IHR Fellowship Program has been approved for five years and is being funded by NCMIC's non-profit entity, the NCMIC Foundation, a 501(c)(3) organization. Founded in 2003, the NCMIC Foundation provides financial support for clinical, scientific and educational research that demonstrates the need for chiropractic and alternative care. Since its inception, the Foundation has awarded nearly \$7 million in scholarships, grants, fellowships and research dollars.

"The partnership with NCMIC has been critical to our success as well as very gratifying," said Mary Jo Kreitzer, PhD, RN, FAAN, director of the Bakken Center. "The Foundation leadership is deeply committed to evidence-informed practice and understands the importance of rigorous research and creating a robust pipeline of researchers."

NCMIC Foundation President and Advisory Committee member, Louis Sportelli, DC, said the Foundation is investing in the future of the chiropractic profession through research and career training.

"The chiropractic profession



NCMIC Foundation approves integrative research fellowship (continued)

today is nearly unrecognizable compared to what it was 50 years ago," Dr. Sportelli said. "Research and educational opportunities available to emerging DCs are taking chiropractic into new territory. Where and what tomorrow will look like is anyone's guess, but we must continue to fund programs like the Integrative Health Research Fellowship to keep the momentum going."

NCMIC Foundation Advisory Committee member and NCMIC President, Wayne Wolfson, DC, said the results of the IHR Fellowship Program speak for itself.

"Since 2014, the Integrative Health & Wellbeing Research Program has funded more than \$20

million to advance chiropractic, conducted six federally-funded research studies, placed 10 chiropractors in faculty and research positions at major universities and delivered more than 90 research papers and presentations," Wolfson said.

"This kind of success is remarkable and is a testament to the future of the chiropractic profession. The NCMIC Foundation will continue to fund programs like the one at the University of Minnesota because it helps advance chiropractic in new and innovative ways. We couldn't be prouder to have played a part in the success of the program."



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New Zealand research team Investigating the neurophysiological effects of vertebral subluxation

The team at the Centre for Chiropractic Research (CCR) at the New Zealand College of Chiropractic have had some significant publications that have occurred as a culmination of many years of work exploring chiropractic care and the nervous system. We would like to share with you these important publications.

For more than five years our team has been undertaking research studies to investigate the effects of chiropractic adjustments in chronic stroke survivors. Our latest study on stroke survivors investigated whether the addition of chiropractic care to 4 weeks of physical therapy care for chronic stroke survivors improved their ability to use their weak limbs.

In this study, we randomised 63 chronic stroke participants into two groups- one group received chiropractic adjustments plus normal physical therapy, the other group received the same physical therapy and a sham control intervention. The results showed that at 4 weeks, both groups improved, but the group that received chiropractic care plus physical therapy had significantly more improvement in the function of their affected limbs than the group that was not adjusted.

The second publication that we would like to

share with you is a narrative review that investigated the potential mechanisms of high-velocity, low-amplitude (HVLA) thrusts on neuroimmune function. Twenty-three published papers were reviewed, of which 18 found a significant effect of HVLA controlled vertebral thrusts on neuroimmune markers. This review discusses the findings of these basic science studies, the well-established link between nervous system function and immune system function and the mechanisms that may explain the potential effects of HVLA thrusts on changing these immune markers. It is important to note that this review did not establish clinical relevance of these findings and more research is needed to fully understand the clinical impact of chiropractic care on immune system function.

The last publication that we would like to share with you is an invited review that summarizes the evidence of how vertebral column dysfunction and spinal adjustments alter neuromuscular function. In this review, a vertebral subluxation is described from a researched, neurophysiological focus, termed a central segmental motor control problem (CSMC). This is the most extensive current review that synthesises the literature and gives a biologically plausible and contemporary model of CSMC problems. This review also provides a thorough summary of the literature that shows HVLA spinal adjustments influence neuromuscular control due to altered supraspinal excitability and multimodal integration, leading to an increase in voluntary force and reduced fatigue.

We are very proud of our team and the

New Zealand research team Investigating the neurophysiological effects of vertebral subluxation (continued)

dedication and hard work that goes into these extensive reviews and clinical trials. Our deep and heartfelt thanks go out to all of you who help make these ground-breaking studies possible. This includes our collaborators at

Riphah International University in Pakistan where we conducted our stroke study. These studies were solely funded by the supporters of the New Zealand College of Chiropractic and the Centre for Chiropractic Research.



Imran Khan Niazi is part of the research team at the CCR

References

1. Holt, K., Niazi, I. K., Amjad, I., Kumari, N., Rashid, U., Duehr, J., ... & Haavik, H. (2021). The Effects of 4 Weeks of Chiropractic Spinal Adjustments on Motor Function in People with Stroke: A Randomized Controlled Trial. *Brain Sciences*, 11(6), 676.
2. Haavik, H., Niazi, I. K., Kumari, N., Amjad, I., Duehr, J., & Holt, K. (2021). The Potential Mechanisms of High-Velocity, Low-Amplitude, Controlled Vertebral Thrusts on Neuroimmune Function: A Narrative Review. *Medicina*, 57(6), 536.
3. Haavik, H., Kumari, N., Holt, K., Niazi, I. K., Amjad, I., Pujari, A. N., ... & Murphy, B. (2021). The contemporary model of vertebral column joint dysfunction and impact of high-velocity, low-amplitude controlled vertebral thrusts on neuromuscular function. *European Journal of Applied Physiology*, 1-46.

Study shows mixed attitudes from physicians towards chiropractors

A recently-published study, involving a survey of Canadian family physicians, has shown a diversity of attitudes towards chiropractors.

The paper, published in *Biomed Family Practice*, revealed that practice diversity was a major barrier to interprofessional collaboration.

The study involved a 50-item survey, administered to family physicians in 2010 and again in

2019. Embedded in the survey was a 20-question chiropractic attitude questionnaire.

Approximately half of respondents (48%) endorsed a positive impression of chiropractic, 27% were uncertain, and 25% held negative views.

Most respondents (72%) referred at least some patients for chiropractic care, mainly due to patient request or lack of

response to medical care.

Most physicians believed that chiropractors provide effective therapy for some musculoskeletal complaints (84%) and disagreed that chiropractic care was beneficial for non-musculoskeletal conditions (77%).

Reference: Busse JW, Pallapothu S, Vinh B, Lee V, Abril L, Canga A, Riva JJ, Viggiani D, Dilauro M, Harvey MP, Pagé I, Bhela AK, Sandhu S, Makanjuola O, Hassan MT, Moore A, Gauthier CA, Price DJ. Attitudes towards chiropractic: a repeated cross-sectional survey of Canadian family physicians. *BMC Fam Pract*. 2021 Sep 15;22(1):188

New leadership for African Chiropractic Federation



Mufudzi Chihambakwe is the new ACF President

The African Chiropractic Federation (ACF) has elected new Executive Officers.

The newly appointed President of the ACF is Dr Mufudzi Chihambakwe, of Gaborone, Botswana.

Dr Chihambakwe is a Zimbabwean-born, South African-trained chiropractor, who practices in Gaborone, the capital city of Botswana. Qualifying in 2018 from Durban University of Technology, he worked in Botswana as a clinical supervisor for World Spine Care at clinics in Mahalapye and Shoshong before settling into private practice in Gaborone. He continues to oversee a World Spine Care clinic in a government facility in the Botswana capital.

Dr Chihambake is a co-founder of Spine Health Africa, a non-governmental organization working to provide spine care to underserved communities in Zimbabwe.

In 2019, Dr Chihambake saw his first research

paper published in *Chiropractic and Manual Therapies*. In 2020, he published his first book: *Twenty*, a reflection exploring themes around young adulthood in southern Africa.

Dr Chihambakwe recently presented at the 16th WFC Biennial Congress on the subject of provision of care to underserved communities. He is passionate about public health, creativity and development across Africa.

On being elected, Dr Chihambakwe said, "It is an immense honor to serve as the new President of the African Chiropractic Federation. I have always considered my path to becoming a chiropractor an unlikely one and so access to chiropractic care and education has been important to me from the beginning. I hope to use this platform to promote greater access to chiropractic across the African continent through interprofessional collaboration, education, and innovation for health care access. Many chiropractors in Africa practice in low resource settings and I hope we can create resources to support one another in the amazing work we get to do every single day."

Other members of the ACF Executive appointed at the meeting were Dr Sarah Worthington (Vice-President) and Dr Bridget Bromfield (Secretary-Treasurer).

Dr Worthington is a co-founder of Hand Back Health Uganda, a not for profit organization based in Kampala, Uganda, providing free and heavily subsidized care to rural Ugandan communities.

Dr Bromfield serves as the Secretary-General of the Chiropractic Association of South Africa (CASA), the WFC member for South Africa. She served as president of CASA 2003-2005 and continues to work in private practice.

ACA National Chiropractic Health Month

This October, American Chiropractic Association members will celebrate National Chiropractic Health Month (NCHM) 2021 with the theme “Keep Moving!” – encouraging people to add more movement into their daily lives.

Many have learned the hard way over the period of the Covid-19 pandemic that lack of movement and physical activity can lead not only to weight gain but also achy joints and other musculoskeletal conditions.

During NCHM 2021, chiropractors will share information on the benefits of movement, recommended physical activity levels, and advice on how people can incorporate more movement into their daily lives.

The ACA will be urging the public to adopt physical activity strategies in order to optimize spine and joint function.

National Chiropractic Health Month (NCHM) is a nationwide observance held each October. The event helps to raise public awareness of the importance of musculoskeletal health and the benefits of chiropractic care and its natural, whole-person, patient-centered and drug-free approach to health and wellness.

The month also sees World Spine Day being celebrated internationally on October 16.

For doctors of chiropractic who wish to participate, NCHM 2021 resources will be available at acatoday.org/NCHM.

ACA Engage 2022 to include virtual opportunities

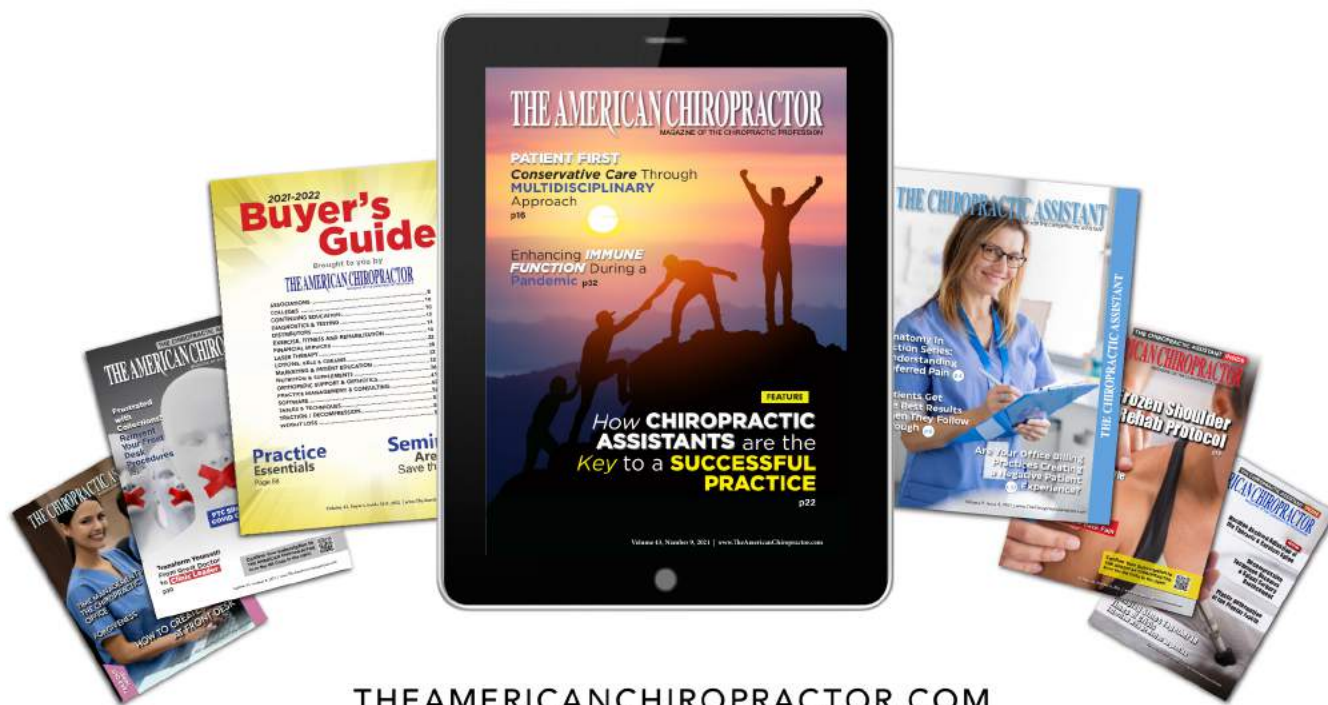
Also coming up soon is ACA Engage, ACA's annual conference, which will take place Feb. 2-5 in Washington, D.C. and include virtual opportunities to participate. Engage 2022 will feature education sessions, advocacy and leadership-development opportunities, presentations by chiropractic thought leaders and other experts, and information on the latest chiropractic products and services. The event brings together doctors, students and industry leaders from all over the country to network with one another as well as their members of Congress, moving the chiropractic profession forward.

During ACA's annual Advocacy Day, which takes place during ACA Engage, members will also continue to advocate for The Chiropractic Medicare Coverage Modernization Act (H.R. 2654), reintroduced in the U.S. House of Representatives earlier this year. The bill would ensure that America's seniors and other Medicare beneficiaries have access to all Medicare-covered services that chiropractors are licensed by their state to provide. By early September, H.R. 2654 had already gained 85 co-sponsors. More information about the bill is available at www.HR2654.org.



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Thank you for all you do and keep up the great work!

Chiropractic presence in Tokyo maintains care provision to athletes during Olympic Games

Despite the postponement of the 2020 Tokyo Olympic Games and numerous challenges associated with the Covid-19 pandemic and the lockdown of the host city, chiropractic again had a presence within the Polyclinic, providing much-needed services for competing athletes from around the world.

The UK's Tom Greenway and Japan's Masahiro Goto worked with physiotherapy colleagues throughout the Games. This followed extensive discussions between the Japanese Association of

Chiropractors (JAC), Ms Seiko Hashimoto, Chair of the Tokyo Organizing Committee of the Olympic Games (TOCOG) and Professor Masaki Kayatose, TOCOG Head of Physiotherapy Provision.

Inclusion of chiropractic services was strongly supported by the International Olympic Committee, notably by the Head of Physical Therapies, Dr Elaine Grant.

Both chiropractors were registered with the Japan Chiropractic Register, maintained by the JAC. However, with chiropractic being unregulated in



Members of the Olympic Games Physical Therapies team included physiotherapists, chiropractors and osteopaths.

Chiropractic presence in Tokyo maintains service to athletes during Olympic Games (continued)

Japan, Drs Greenway and Goto were mandated to practice under the supervision of the 600 appointed Games physiotherapists, with the chiropractic service not being formally identified within the Polyclinic.



Dr Masahiro Goto (left) and Dr Tom Greenway within the physical therapies department at the Games Polyclinic.

The chiropractors operated under a 3-tier system, whereby manual therapy could: (1) only be provided by a physiotherapist; (2) be provided by a physiotherapist who could request assistance from a chiropractor; or (3) manual therapy could be provided by a chiropractor overseen by a physiotherapist. However, once the proficiency and expertise of the chiropractors was recognized, care was delivered under tier 3.

Many athletes were familiar with chiropractic and requested treatment directly, despite the challenges of accessing the Polyclinic and the requirement to be referred to physical therapies by a medical doctor. Care provision was further challenged by the fact that athletes were only able to be present 72 hours pre-competition and had to depart within 48 hours of competing at the Games.

The venues, organisation and Olympic village were impressive and the chiropractic team reported that TOCOG and the Japanese did an incredible job putting on the Games during a global pandemic.

Both Dr Greenway and Dr Goto expressed their appreciation to the chiropractic community for recommending that athletes attend the Polyclinic during the Games. It really helped that those athletes that wanted to access chiropractic care the encouragement they needed to find seek it out.

The inclusion of chiropractic care at the Games at the request of the IOC, despite the huge political difficulties faced by TOCOG, is cause for celebration and provides ongoing momentum for upcoming Olympic Games in Paris (2024) and Los Angeles (2028).



Dr Tom Greenway (left) and Dr Masahiro Goto at the Olympic Village

WCCS announces new officers for 2021-22

Following its recent virtual Annual General Meeting, the World Congress of Chiropractic Students (WCCS) has announced its officers for the year 2021-22.

WCCS is an international forum representing the global student population. It is an apolitical and

inclusive platform where chiropractic students may respectfully share and debate both chiropractic and healthcare issues.

WCCS is divided into four regions: Africa, Americas, Europe and Western Pacific.

Each region is led by one or more Regional Directors, who support the development of the WCCS at a regional level, maximizing the diversity in our organization. They aim to facilitate communication between chapters and Team of Officials.



*President:
Louisa Conradi*

A native of Germany, Louisa is a student at the Welsh Institute of Chiropractic. She has been involved in the WIOC Chapter since her first year and is a fierce advocate of diversity, equality and inclusion.



*Director of Internal Affairs:
Tayla Wagner*

Tayla is a South African student, currently in her fifth year at the University of Johannesburg. She completed a Bachelors degree in Human Genetics, Psychology and Physiology prior to studying chiropractic.



*Director of Secretariat:
Dalal Salah*

Dalal is a trimester ninth Moroccan student at Logan University. After completing a Bachelors degree in accounting and finance, she decided to pursue chiropractic. As well as WCCS Secretary, Dalal is chair of the Student ACA Specialty Council.



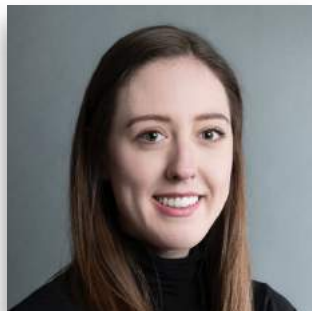
*Director of External Affairs:
Muhammed Yaseen Tagari*

Muhammed is a fifth year student at the University of Johannesburg (UJ). He is chair of the UJ Student Chiropractic Sports Council and has twice been part of delegations to the World Health Assembly. His interests are youth in health and interprofessionalism.



*Director of Public Affairs:
Diana Nápoles*

Diana is a Mexican student at the University of Veracruz, where she founded the UV WCCS Chapter. For the year 2019-2020, Diana was the student representative to the Faculty in the Department of Chiropractic.



*Director of Finance:
Sarah Hampton*

Sarah qualified from the Canadian Memorial Chiropractic College in 2021. She practices in Toronto, Canada and is in her second term as Director of Finance. Sarah represented WCCS as part of the WFC delegation to the 74th World Health Assembly.

World Spine Care appeals for support of Helping Hands campaign



Chiropractors understand the impact and frequency of low back pain in the community. Yet millions of people around the world still do not have access to spinal care to help ease their pain.

While the global percentage of people experiencing low back pain has declined slightly over recent decades, an increasing global population, as well as advancing age, has led to an increase in the global prevalence of low back pain.

There are an estimated **577 million people** worldwide who suffer from low back pain. To support access to care, World Spine Care (WSC) has launched its Helping Hands campaign with a view to raising \$15,000 for spine care in underserved communities.

WSC's vision is a world in which everyone has access to the highest quality spine care possible. Through the WSC clinics, over 50,000 treatments have been provided by more than 60 volunteers to patients in 4 countries – Botswana, Ghana, Dominican Republic, and India.

WSC is passionate about providing sustainable, consistent care for patients. WSC partners with local ministries of health to integrate our care model into existing healthcare systems to provide sustainable, evidence-based, patient-centered care.

By donating to WSC, your generosity will help to purchase equipment for our clinics, support our team of international volunteers, and provide the much needed research and educational support to


World Spine Care

Extend Your **Reach.**

Join the **Helping Hands** campaign.

Oct. 1 – Dec. 31, 2021

World Spine Care appeals for support of Helping Hands campaign (continued)

provide evidence-based spine care to underserved communities. By donating, you will move us towards our vision of a world in which everyone has access to the highest quality spine care possible.

In recognition of the 577 million people suffering with low back pain, we ask that you donate \$57.00, or a multiple of such, or start your own campaign to fundraise \$577 or more from your clinic or organization.

In exchange for your generous support, World Spine Care will provide regular emails over the next 57 days that will provide educational information about the work you're helping to support, along with tips and tools that you can share with your networks, including:

- Updates from the World Spine Care clinics, including our newly formed BH3 clinic in

Gaborone,

- Our Promotional Package to help you to promote the campaign to your networks,
- A Helping Hands Toolkit that includes media assets to showcase in your clinic as well as online,
- Details on the latest educational and research publications developed to support spine health globally.

By joining the 2021 Helping Hands campaign, you will be supporting a group of like-minded spine care and allied health professionals who are passionate about providing evidence-based spine care to those who need it most. To learn more about World Spine Care, and the Helping Hands campaign visit:

www.worldspinecare.org/helping-hands.

BCA conference goes virtual for second successive year



For a second time, the British Chiropractic Association (BCA) is hosting a virtual conference. Its showpiece 2020 event takes place on November 6, with an inspirational program guaranteed to satisfy the needs of all chiropractors.

The conference will focus on three streams of on-trend topics, concentrated around women's health, interprofessional care,

treatment approaches and professional development and research.

With a new hosting platform, delegates will be offered the opportunity to interact with each other and the BCA and share their experience with the rest of the chiropractic world.

To book a ticket and find out more, visit the event website.

Hong Kong poised for rapid healthcare change, says CDAHK

Prompted by the COVID-19 pandemic and the vaccination rollout,, Hong Kong is primed for rapid healthcare change, reports the Chiropractic Doctors Association of Hong Kong (CDAHK).

Vaccination campaigns of the magnitude needed are unprecedented, government actions to garner trust will be critical to their success, and to the emergence of more resilient societies after the crisis. It opens an opportunity for Hong Kong chiropractors to enable the society to reimagine healthcare delivery in a new system.

Trust in the vaccines is vital, and industrial leaders have supported the policy by giving away prizes to encourage the vaccination rate. Real estate companies even donated "free houses" for vaccine lottery winners. In healthcare, CDAHK chiropractors have led the programs in providing comprehensive pre-vaccination screening for the COVID-19 vaccine.

Chiropractors and medical professionals have conducted detailed examinations to ascertain physical condition, medical history and allergies, and have further performed

relevant examinations, including blood pressure measurement and blood test.

The free service involved partnering with insurance companies in offering over 20,000 screenings, and aimed to enhance knowledge and assurance before taking the vaccines. The program addressed better understanding of COVID vaccines, update of current and potential health situations, and the side effects of vaccines. Chiropractors were at the forefront of the fight against the pandemic, assumed social responsibility and increased the community vaccination rate to push Hong Kong towards zero infection.

As it transforms, Hong Kong is focused on aging populations, supply of doctors, raised consumer expectations, growing financial burden, and digital healthcare ecosystem. Patient-centric digital ecosystems are emerging across Asia in response to these fundamental forces disrupting healthcare.

With chiropractors acutely aware of the the needs of different patient populations , it is perfectly placed to deliver the right care at the right time,

and reduce the economic burden on insurers. The consumer-oriented nature of chiropractic will also increase the number of healthcare touchpoints, with the target of modifying patients' health behaviors and choices and improving outcomes. The insurance companies have indicated a willingness to invest in insurance branded clinics with chiropractors to reduce claim rate.

By 2025, Asia will be home to 456 million seniors age 65 or older, representing 10 percent of its population. Patients are demanding access to convenient healthcare and better safety. According to McKinsey research, 43.5 percent of Chinese consumers are spending more on their health in the past 12 months.

In response to these trends, chiropractic has scaled up quickly to replace traditional drug and surgical treatments in a patient-driven healthcare ecosystems. Today, chiropractic leaders exert a powerful drive to deliver healthcare in increasingly scalable, sustainable, and personalized ways inter-professionally.

Latin America comes together for FLAQ annual meeting

On August 14, 2021, the Latin-American Federation of Chiropractic (Federación Latino Americana de Quiropráctica) - FLAQ - celebrated its annual meeting in which Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Guatemala, Honduras, Mexico, Panama, Peru, and Puerto Rico were represented and in attendance. FLAQ was founded at the 2007 Regional Chiropractic Congress held in Panama City, Panama, and since has been considered the regional chiropractic federation in Latin America.

Eight schools located in the Latin American region were present. The three schools from Brazil (Feevale, Universidade Anhembi Morumbi, UCEFF), two schools from Mexico (UNEVE, Universidade Veracruzana), one from Chile, (Universidad Central de Chile), and the recently CCE-USA-accredited Universidad Central del Caribe (Puerto Rico). All institutions have committed to work together to produce graduates that would adhere to curricular profiles consistent and superior to the requirements laid out in the World Health Organization's guidelines for chiropractic programs.

At the meeting, it was announced by David Lopez, head of the chiropractic program, that Universidad Central de Chile, would transition their Masters level degree to a Licenciatura Level degree, similar to the bachelors level degree prevalent throughout Europe.

The formation of a committee to work to accredit the schools in Latin America, resulting in the incorporation of the CCE-Latin America, has been a significant advancement over the last four years for FLAQ.

Executive Director of the FLAQ, Dr. Sira Borges commented, "A lifelong goal I have had is to see the practice of chiropractic and chiropractic education become more formalized throughout

Latin America, and we have made tremendous strides towards this goal over the last several decades, to ensure a safe and competent chiropractic that will benefit the 600 million people that inhabit this part of the world".

This year's meeting also included a presentation on behalf of the International Board of Chiropractic Examiners (IBCE), being introduced as a critical partner of the FLAQ, to develop an examination that measures students' competency as they graduate from each program.

Finally, the Bulwark of the Profession was awarded to Dr. Raul Guinez, president of the Corporación Chilena de Quiropraxia, for his years of service to the profession in Latin America.

To learn more about FLAQ, visit flaq.org.



Dr Raul Guinez was recognized by FLAQ at its annual meeting

Tougher laws in Philippines seek to protect public

The President of the Association of Professional Chiropractors of the Philippines (APCP) was recently invited to address the 3rd Hospital Congress on the subject of Chiropractic Medicine in the Context of Covid-19. Dr Martin Camara's lecture focused on the role of chiropractors in helping traditional medical systems with the global displacement of rehabilitation services worldwide by providing scientific, effective, and professional care for patients suffering from neuromusculoskeletal conditions.



PITAHC Director General, Dr Annabelle de Guzman, spoke favorably about the benefits of chiropractic.

His lecture described the effect of spinal manipulation on sensory motor integration in the pre-frontal cortex of the brain which may possibly affect various health states. His lecture further touched on the primary portal of entry role of healthcare practitioners, including chiropractors, in educating patients on lifestyle changes such as diet, sleep, supplementation, and stress which he explained may have a positive impact on COVID-19 specifically or various health states in general. He presented studies on the relationship of Vitamin D3 deficiencies in health outcomes related to hospitalization in COVID-19.

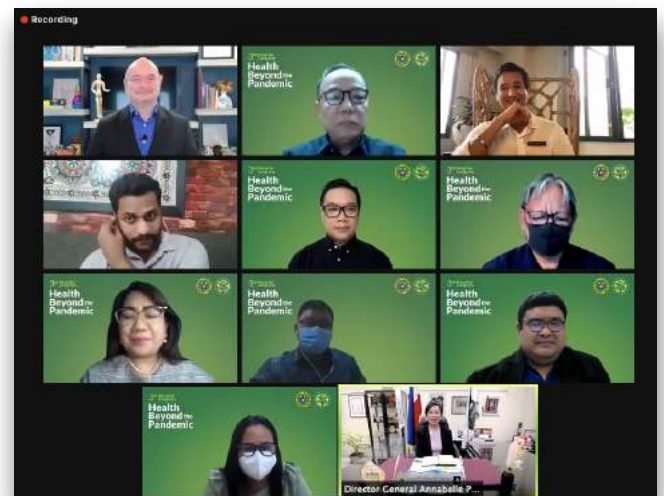
Dr Annabelle Pabiona-De Guzman, Director-General of the Philippine Institute for Traditional and Alternative Health Care (PITAHC) and the Department of Health (DOH)

commented: "Wow! Your presentation is very organized, systematic, and scientifically based. I am impressed! All western-trained doctors will now truly appreciate chiropractic medicine."

The APCP participated in two government hearings for the amendments to Republic Act 9428 otherwise known as the Traditional and Alternative Medical act where chiropractic is included. There were no objections and the amendments are proceeding. This will effectively grant additional powers to regulate the TAMA industry which includes chiropractic.

The regulation will provide public protection from the untrained and unregistered practitioners

"The growing interest in and the increasing use of traditional and complementary medicine and its practitioners such as faith healers, and herbalists, require government intervention to



APCP President Dr Martin Camara spoke recently at a recent government conference

not only ensure the safety of practice but also encourage consumers to obtain services from qualified practitioners, clinics and training centers" commented Philippine Senator Christopher "Bong" Go.

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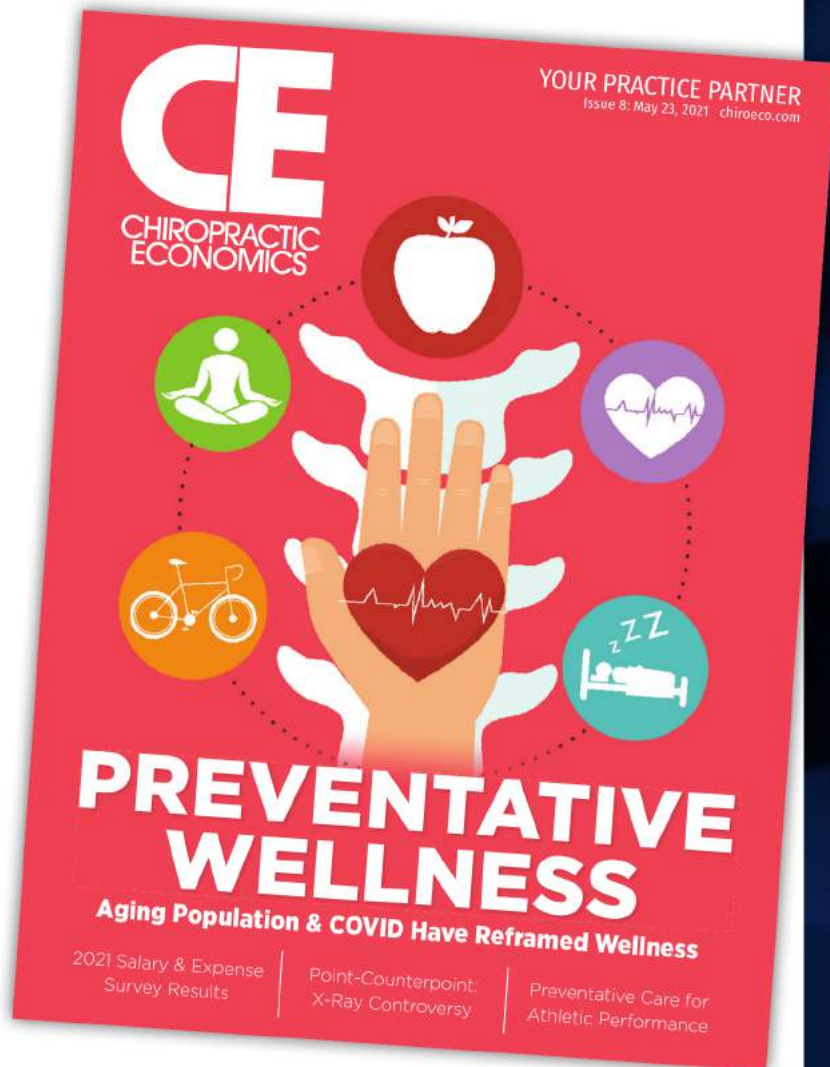
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COVID-19 'a never ending battle' in Malaysia

The COVID-19 pandemic in Malaysia seems to be a never-ending battle, reports ACM President Dr Newell Tan, as healthcare professionals in the public and private sector alike struggle to prevent the collapse of the Malaysian healthcare system, amidst the surging number of COVID-19 cases. This prompted further restrictions and once again, another movement control order (MCO) across all states starting June 1, 2021.

Similar to the lockdown initiated in mid-March last year, all non-essential sectors were instructed to halt operations for a period of time. Unfortunately, chiropractors fell under this category.

Closure of chiropractic clinics throughout the country sparked much dissatisfaction amongst chiropractic patients and chiropractors. The indefinite absence of treatment during this period caused chronic conditions of many patients to regress. Severely affected were those suffering from conditions like osteoarthritis, disc injuries, and nerve entrapments. Some patients even had to resort to surgery because they were unable to tolerate the pain any longer.

Perhaps the most disconcerting aspect of this lockdown was the lack of the Malaysian Ministry of Health's clarity in handling the spread of COVID-19. As daily cases grew, hopes of opening up became more and more bleak. The Association of Chiropractic Malaysia (ACM) decided it was high time they had a conversation with the relevant authorities about opening up.

Appeals to reopen were made to the Ministry of Health and other governing bodies responsible for the handling of the pandemic by the ACM and several chiropractors in private practice. "It is baffling that chiropractic clinics

have been deemed as a non-essential service during the lockdown when other private healthcare practitioners were allowed to operate at full capacity with strict SOPs," ACM President Dr Newell Tan said in a press statement. "Such ineptness in handling the pandemic comes at a cost of depriving those desperately in need of healthcare," he added. Several chiropractors across the country took to social media to share their dissatisfaction with regards to the government's handling of the pandemic.

News about the frustration of chiropractors and chiropractic patients soon gained traction as it spread across social media platforms, online news portals, and newspapers. Members of parliament and other influential individuals who are big proponents of chiropractic also voiced out their concern through social media and the press.

After significant delays, the government agreed to allow chiropractors to resume practice with strict SOPs to observe. Practitioners have to be dressed in disposable gowns which have to be changed after each session, use disposable gloves, a three-ply mask, and a face shield when in contact with patients. Most chiropractors were back in business by the end of the first week of August, after a 2 month hiatus.



ChiroEconomics named as finalist in magazine awards

Chiropractic Economics has been named as a finalist in the 2021 FOLIO: Eddie & Ozzie Awards, the magazine industry's largest and most prestigious contest celebrating excellence in magazine editorial and design, for its issue celebrating the 125th anniversary of chiropractic.

For more than 25 years the Eddie and Ozzie Awards have recognized the best work across all sectors of the industry, including b-to-b, consumer, association, custom, and city and regional media, making this contest the most inclusive in the industry.

"The Eddie and Ozzie Awards recognize the pillars of magazine and digital publishing — outstanding journalism and content, photography, design, and the extremely talented people who produce it," said Caysey Welton, content director at Folio. "No other program celebrates a wider range of

Cohen re-elected president during ICS conference

Longstanding president of the Israel Chiropractic Society (ICS), Dr Tsahi Cohen, has been re-elected at its semi-annual conference.

At the event, held at the beautiful Maccabiah Congress Centre in the Tel Aviv suburb of Ramat Gan, over 50 chiropractors gathered to meet and undertake valuable continuing professional development.

The ICS Board elections were followed by a full academic program, featuring several ICS members.

Dr. Roy Sery's opening session explored physical and manual therapy techniques in the treatment of sports injuries.

WFC Congress speaker, and chiropractic radiologist Dr. Marshall Deltoff offered a fun and challenging Kahoot radiology quiz.

Dr. Ofer Baruch presented on how to improve the efficacy of chiropractic care, while Dr. Giora Devier closed out the program with a discussion of clinical applications of Applied Kinesiology.

ICS member, Dr Marshall Deltoff reported that the ICS meeting was hailed as a huge success. He commented,

"It was a great day of learning and comradeship and we were delighted to welcome several Israeli students who are studying in the UK and US, and will soon be joining our ranks!"

Currently, the ICS boasts 75 active members. A key objective is to secure legislation for the chiropractic profession and lobbying is taking place to achieve this objective.

Dr Deltoff continued, "We are very excited for a positive future and growth of our profession here in the Holy Land! We welcome all of our global colleagues and their families to come by for an unforgettable visit!"



The Eddie & Ozzie Awards are the magazine industry's largest and most prestigious contest

publications. Whether it's a niche magazine with an audience of 5,000, or an online trade publication, or a mass consumer brand."

The 2021 winners will be announced at the Eddie & Ozzie Awards Gala on Oct. 14 at the Metropolitan Pavilion in New York City.

ICRS to host mini forum on measuring regulatory effectiveness



This is the focus of the next Mini-Forum of the International Chiropractic Regulatory Society. Scheduled for 19 / 20 November via Zoom, the 90-minute session will be open to all interested persons.

Particularly in continued response to the ongoing pandemic challenges, regulators have been actively reviewing the ways in which they operate as well as the underlying values.

First and foremost for regulators is the protection of the public.

The laws and the accompanying regulations are carefully crafted to establish boundaries that ensure safe, ethical, effective care for patients. These also help to ensure that the profession is regarded with respect.

At first glance, laws may seem to be stodgy and immovable; however, they are actually living, dynamic efforts to respond to changing societal conditions. Even a few years ago, who would have imagined some of the new laws presently under consideration or recently adopted?

ICRS has been studying new laws affecting chiropractic regulation so far this year (2021 January through August). In

reviewing why legislation was introduced, 41% of the underlying rationale had to do with changes to the regulatory structure – to modernize or clarify the authority of the laws.

The ongoing self-assessment by chiropractic regulatory boards raises pertinent questions for practitioners:

How should we measure regulatory effectiveness?

Do higher complaint numbers indicate that the system is more accessible to patients, or do fewer complaints mean that chiropractors clearly understand their legal and ethical boundaries and are in better compliance? Do disciplinary hearings via electronic means expedite the process of weighing possible infractions, or are some parties at a disadvantage without personal contact?

Should we count how many days it takes to issue a license / registration to an applicant? How do we factor in individual circumstances that necessitate varying documents? Should an email address be legally required, and does exchange of information by electronic means constitute delivery? What happens when the security of computer systems is compromised?

Increasingly we see demands by legislators to specify training, such as communication strategies for dealing with persons with cognitive impairments, sexual boundaries awareness, and clinical recordkeeping. Should boards be the ones to specify certain educational topics for continuing professional development? How should topics be selected?

We all agree that chiropractors should provide safe, ethical, and effective care. But how should regulatory authorities actually apply this standard? What role does ongoing research have in changing the measuring tools? When does research become an accepted standard?

There is no final version of The Law. Regulation is hard because it's constantly evolving. But with the combined efforts of caring people who are willing to ask tough questions, we can work to ensure that the processes are fair.

We invite those who are interested in exploring these complex questions to join us in November at the ICRS online Forum. There is no charge to participate. More information can be found on the ICRS website, www.chiroregulation.org.

Australian chiropractor suspended for promoting anti-vaccination views

An Australian chiropractor has been suspended for six months after a Tribunal found him guilty of publicly promoting anti-vaccination material. This included linking childhood vaccination to poison and permitting an anti-vaccination movie to be screened in his clinic.

The suspension by the Victoria Civil and Administrative Tribunal follows a referral by the Chiropractic Board of Australia after anti-vaccination statements were made by a Melbourne-based chiropractor, who also admitted screening.

The Board found that the statements were flawed, inaccurate and dangerous.

CBA Chair, Dr Wayne Minter, welcomed the finding, stating, "Chiropractors are trusted members of Australia's health workforce. It is a breach of that trust when they share or promote information that isn't evidence-based or in line with the best available health advice."

The Tribunal said the current situation with COVID-19 highlights the "responsibility of chiropractors and other health practitioners to provide balanced, unbiased and evidence-based information in order to enable members of the public to make informed health decisions, to work within the scope of their practice and not to allow personal views to influence patient care."

The full statement and decision of the Tribunal is accessible from the CBA website [here](#).



UK chiropractor not guilty of UPC following death of patient

A UK-registered chiropractor has been cleared of unacceptable professional conduct following a professional conduct committee (PCC) hearing.

The hearing resulted from the death of an 80-year-old male patient following treatment at a chiropractic clinic in York, England in August 2017.

Although the incident was investigated by the

**General
Chiropractic
Council**



police, no charges were brought against the chiropractor. A coroner's inquest in November 2019 resulted in a narrative verdict that the deceased had suffered a fractured neck and spinal cord injury whilst undergoing treatment. This resulted in respiratory depression from which he died.

The coroner subsequently forwarded a report to the UK regulator, the General Chiropractic Council (GCC), seeking a review of guidance for pre-treatment imaging, with a recommendation that first aid training be made mandatory for chiropractors.

The PCC heard evidence from chiropractic and psychiatric expert witnesses. The tribunal was told that the injuries sustained by the deceased were not foreseeable in the circumstances and that the chiropractor was most likely suffering from an acute stress reaction, which would have impacted her actions in the aftermath of the incident.

Dr George Robert Walker (1935 - 2021)

It was with great sadness that the WFC learned of the recent passing of Dr George Walker. His contribution to the UK chiropractic profession, particularly during the 1980s and 1990s, was monumental.

George Walker, passed away peacefully on September 5, 2021.

Having attended agricultural college, Dr Walker started life as a dairy farmer. He served in Tripoli with the Royal Army Medical Corps before attending Palmer College of Chiropractic, graduating in 1968.

He dedicated his life to progressing the profession in the understanding and application of biomechanics and allying to the medical model in practice. He was a *tour de force* within the BCA, an organization in which he served as president from 1983 to 1985.

George Walker contributed greatly to the development and progression of AECC University College, promoting science and evidence-based models of practice.

He taught part-time at AECC across three decades, from the 1970s through to his departure in 1990. He served three days per week as Clinic Director, commuting from Plymouth and staying overnight in a room in the Clinic for two nights before returning to his practice in the south west of England. During these long journeys he would listen to medical and scientific articles that he had previously identified and had asked his secretary to read and record for him the previous week.

Perhaps best remembered by students at AECC for his fearsome questioning during clinic entrance and exit examinations, Dr Walker was a fierce advocate of high professional standards and interprofessional practice.

George Walker was a mentor to many, who remember his infectious energy, passion and enthusiasm with fondness. He regularly conducted



Dr George Walker served as BCA President from 1983 - 1985

house calls and directed 24 hour on-call duties at weekends. Home traction units were used for severe intractable disc pain patients, and he co-managed non-operative cauda equina patients alongside a spinal neurosurgeon with whom he worked closely.

Dr Walker was successful in practice, and was widely known in the city of Plymouth.

Dr Walker retired from practice in 2004. His son, Keith, became a chiropractor, qualifying from AECC in 1991.

George Walker was a visionary in chiropractic, shaping both chiropractic education and association management. His efforts during the relatively early years of the profession's evolution in the UK seeded the success the profession enjoys today.

We mourn with sadness the loss of one of the profession's great figures.

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