

Quarterly World Report

JANUARY 2022



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St. Louis 2022 World Para Powerlifting

The 2022 Parapan American Open Championships is set for July 8-11 where 13 countries will be represented in 10 weight categories of both male and female athletes. Athletes must participate in the 2022 Parapan American Open Championships to qualify for the 17th Summer Paralympic Games in Paris 2024.

Hosted by Logan University, this event will take place on the Logan University campus. This event is free and open to the public.

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Looking back, forging ahead

The coming of a new year often prompts us to reflect on the one that has just passed. Some will say that the year ended as it had begun, with the coronavirus pandemic continuing to wreak havoc on societies and health systems around the world. However, to simply label 2021 as more of the same would be a grave injustice to those whose work has continued to provide relief to the suffering, solace to the afflicted and a rollout of the most rapid and widespread program of vaccination ever witnessed in a global pandemic.

Public health has been thrust into the spotlight like never before. Chiropractors, frequently designated as essential health workers, have continued their work in primary care, helping to ensure that the global workforce has remained able to function and prevent societal collapse. This has seen them reinforcing public health messaging in their offices and clinics, modelling best practices by using appropriate personal protective equipment, ensuring proper ventilation and maintaining physical distancing wherever possible.

Throughout the period of Covid-19, chiropractors have also pivoted to a biopsychosocial model of healthcare, recognizing not only the physical manifestations of a lack of physical activity and sedentary behaviors, but also the impact of adverse mental health, isolation, and loneliness brought about by separation from loved ones, working from home and an inability to participate in social interactions that identify us as human beings.

What may have been a natural evolutionary process of scope expansion and more widespread engagement by chiropractors in people-centered, interprofessional, collaborative healthcare has been catalyzed by the pandemic. As we embark on a new year, this engagement provides the profession with an unparalleled opportunity to forge ahead with evidence-based, sustainable and effective approaches that will help to realize the WFC's mission of advancing awareness, utilization and integration of chiropractic internationally.



Dr Carlos Ayres, WFC President

We will achieve this mission by building trust and embedding the provision of services at all levels of society such that, regardless of ability to pay, everyone may enjoy access to chiropractic services. This will require new and innovative models of care and a concerted effort to ensure equitable service delivery. Analyses of the global distribution of chiropractors reveal an unacceptable paucity in many regions outside of North America.

At our Annual Meeting of Members held last November, we heard the powerful words of Ms Alison Dantas, CEO of the Canadian Chiropractic Association, who issued a clarion call for diversity, equity and inclusion in chiropractic. I fully endorse and echo these sentiments. Let us make 2022 a year not just for talking the talk, but for ensuring that our commitments are cemented by action to create a fair, just and equitable profession that is truly global and accessible to all. I wish you a happy and healthy 2022. **CA**

News from the Boardroom

The WFC Board of Directors met on November 16 via teleconference for its fourth quarterly meeting of 2021.

The Board reflected on the success of the 16th Biennial WFC Congress, which had been held virtually. It recognized the efforts of the organizers and thanked those who had volunteered their expertise to assist with the organization. It particularly wished to express gratitude to Parker Seminars for the extensive assistance provided in hosting the conference platform.

The Board noted that its coordination of a fundraising effort to support Sister Anne-Marie Diahoua of the Congolese Chiropractic Association had led to equipment being provided.

Thanks in particular were given to Board members John Maltby and Kendrah da Silva and to the International Chiropractors Association and Activator Methods International for their generous donations.

The Board received a report on World Spine Day and the WFC's coordination of the annual competition.

The Secretary-General provided a report of activities undertaken since the date of the last meeting and this was duly adopted by the Board.

The Board was updated on nominations received in respect of the upcoming appointment of the Board 2022-2024. Members were advised that elections would be held in the WFC Asia and WFC Europe regions.

A report on the financial status

of the WFC was presented to the Board, which congratulated the secretariat on its careful financial stewardship in light of the ongoing COVID-19 pandemic. Minutes of a recent meeting of the Finance Committee were received and a draft budget presented by the Finance Committee was duly adopted.

The Secretary-General provided an overview of the upcoming Annual Meeting of Members and reported a high level of interest from the global chiropractic community.

The Board was updated with the latest plans for the WFC ACC Education Conference (2022) and the 17th WFC Biennial Congress (2023).

The next meeting of the Board will be held February 15, 2022.

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

RESEARCH COMMITTEE

Christine Goertz DC, PhD (Chair)	USA
Sidney Rubinstein DC, PhD (Vice Chair)	Netherlands

PUBLIC HEALTH COMMITTEE

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

Richard Nicol (Chair)	Switzerland
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SECRETARIAT

Richard Brown DC, LL.M (Secretary General)
Khalid Salim (Finance & Administration Manager)
Sarah Villarba (Administrative Assistant)



20 22

FEBRUARY 10-12

FEBRUARY 10-12, 2022

KEYNOTE SPEAKERS



MICHAEL PHELPS

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DAVID PERLMUTTER

Board-Certified Neurologist and Five-Time *New York Times* Bestselling Author



David Eagleman

Neuroscientist, Author, Technologist & Entrepreneur



Jerome Adams

Anesthesiologist & 20th U.S. Surgeon General



Mark Hyman

Physician & Fourteen-Time *New York Times* Bestselling Author



Max Lugavere

New York Times Bestselling Author & Host of the #1 iTunes Health Podcast



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New global focus provides opportunity for chiropractors

It is the duty of all health professionals to ensure that they continuously develop professionally to ensure that the care they are delivering is supported by evidence and is in the patient's best interests, taking into account individualized circumstances, preferences and predicaments.

We frequently hear the definition of evidence-based practice and its three interwoven strands, but it remains open to question whether all are truly committed to implementing the elements of the triad in their entirety. Key to progress and advancement must be the willingness to adapt in the face of new and better data, and to jettison old, outdated ideas when they are no longer fit for purpose.

There is a phrase, often repeated, which states that we should not throw the baby out with the bathwater. This expression, which reportedly dates back to the early 1500s, urges us to not discard something that is useful when we are disposing of something that is no longer beneficial.

As responsible healthcare practitioners, we must be bold enough to embrace new guidelines based on careful reviews of best evidence. At the same time, we are not required to throw out all we have ever known but should instead adapt our approaches in serving the modern needs of our patients. We must also be mindful that new evidence can, in fact, bring things full circle.

Since 1895, chiropractors around the world have emphasized the importance of treating function over focusing on pain. While recognizing that it is often pain that prompts people to seek the services of chiropractors, the profession has largely defined their approaches to patient care by teaching and maintaining highly specialized psychomotor skills to identify areas of dysfunction within the body and to apply manual medicine skills to restore joint function and movement.

In addition to function, chiropractors have also stressed the importance of functioning, i.e. the

impact that a disease or condition has on body functions, activities and participation. In creating an environment where a person is able to return to normal functioning, chiropractors have traditionally concerned themselves more with rehabilitation and the prevention of disability than with the prescription of drugs and application of surgery.

Modern approaches are now firmly on the side of chiropractors. The management of low back pain, for example, highlighted in the 2018 *Lancet* papers, endorsed a non-drug, non-surgical, biopsychosocial approach, including exercise, education and manual forms of care. The World Health Organization (WHO) has prioritized rehabilitation in its *Rehabilitation 2030: A Call To Action* initiative and emerging papers are advocating a functioning-based strategy to direct clinical actions in the management of many conditions.

This new global focus provides a huge opportunity for the chiropractic profession. We must continuously adapt but not forget that we have expertise and tools in our armoury that the world desperately needs. **RB**



Richard Brown, WFC Secretary-General

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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.

QWR ADVERTISING OPPORTUNITIES

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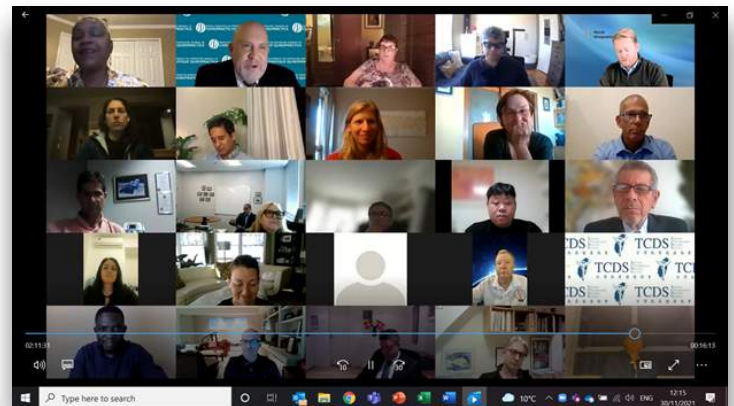
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Annual Meeting of Members attracts strong participation.

For the second successive year, the WFC's 2021 Annual Meeting of Members has been held virtually. The meeting, which took place on November 23, attracted participants from all seven of the WFC's regions and numbered over 85 delegates.

The Annual Meeting of Members, previously known as the Assembly of Members, is the supreme decision-making body of the WFC and has the power



The Annual Meeting of Members was held using the Zoom platform

to accept or reject new membership applications, amend the bylaws and approve organizational policy.

The business of the meeting included an address from the President, Dr Carlos Ayres and adoption of the 2020 Annual Report. Financial statements were approved and members were informed about a project to update the 2005 WHO Guidelines on Basic Training and Safety in Chiropractic. Concluding remarks were provided by Secretary-General, Dr Richard Brown.

This year's meeting featured special presentations from Ms Alison Dantas, CEO of the Canadian Chiropractic Association, who described the CCA's work in diversity, equity and inclusion, and Dr Mufudzi Chihambakwe, President of the African Chiropractic Federation, who spoke on the status of chiropractic in Africa. Both presentations were very well received and generated questions and discussion.

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Elections in Europe and Asia as call for WFC Board nominations generates global interest

With the current WFC Board of Directors term of office due to expire in 2023, every seat is up for re-election.

With changes to the Bylaws having been passed by the Assembly in 2019 in Berlin, the next term of office will be reduced from three years to two, with the first meeting of the new Board being scheduled for May 2022.

There are currently 13 seats on the WFC Board of Directors. Due to the size of their memberships, the Canadian Chiropractic Association and American Chiropractic Association are permitted to appoint directors, with the remaining 10 seats being subject to nomination by national

association WFC Members within the region.

With the number of nominations exceeding the number of seats available in the WFC Asia (one seat) and WFC Europe (two seats) regions, elections are currently taking place and close on January 15, 2022. Candidates for the elections are shown below

Once the outcomes of the elections have been ratified, the full Board for the period 2022-2024 will be announced.

The Executive Officers (President, Vice-President and Secretary) are elected by the incoming Board from amongst its members.

WFC Asia region - candidates

GHELANI, Kalpesh

Indian Association of Chiropractic Doctors

TAKEYACHI, Kei

Japanese Association of Chiropractors

WFC Europe region - candidates

JOERGER, Gian

Chirosuisse

KOUSGAARD JOERGENSEN, Lone

Danish Chiropractic Association

LOTHE, Jakob

Norwegian Chiropractors Association



WFC-led fundraising initiative provides much-needed equipment for the Congo's Sister Anne-Marie.

Brazzaville, with a population of almost 1.7 million, is the capital city of the Republic of the Congo. It is home to Dr Anne-Marie Diahoua, President of the Congolese Chiropractic Association and as a Roman Catholic nun is a member of the congregation of the Sisters of Notre-Dame of the Rosary.

Sister Anne-Marie qualified from Life West Chiropractic College in 2014. She returned to her native country, since when she has practiced without remuneration at Centre de Polios de Mougali.

Late last year, the WFC became aware that Sister Anne-Marie was practicing with very meagre resources, including an aged portable chiropractic



Sister Dr Anne-Marie Diahoua receiving her new treatment table.

treatment table. Working with the Chiropractic Association of South Africa (CASA), and led by WFC Board Member Dr John Maltby, funds were raised to purchase a brand new chiropractic table as well as a crate full of consumables and other equipment.

As well as CASA, generous donations were received from the International Chiropractors Association and Activator Methods International, and also included anonymous donors.

Commenting after taking delivery of the new equipment, Sister Anne-Marie said: "I have been blessed to be a part of a healthcare profession that cares about people and works together to restore integrity of the human body. It's my pleasure, my motive, my mission as a human being and a religious person. Thank you to all who have helped me become who I am today and who have provided what I needed to begin and continue this journey."



Sister Dr Anne-Marie Diahoua is president of the Congolese Chiropractic Association

WFC Sec-Gen speaks at CCRF Board Meeting

WFC Secretary-General Richard Brown recently delivered a presentation at a meeting of the Board of Directors of the Canadian Chiropractic Research Foundation.

During his speech, Dr Brown paid tribute to the work of the CCRF and the impact of its fundraising over its 45-year history. He stressed the paramount importance of investment in research in advancing the chiropractic profession and in securing the trust of patients and the wider public.

Dr Brown paid tribute to the CCRF Board and staff for their visionary leadership and their investment on early career researchers as well as distinguished investigators. He emphasized the need for effective knowledge transfer to ensure effective clinical implementation.

Referring to the four components of its #BeEPIC campaign, Dr Brown spoke of the critical importance of evidence-based, people-centered, interprofessional and collaborative care in fulfilling both the mission and vision of the WFC. He described the WFC's steadfast commitment to support WHO programs and initiatives.

The CCRF's work in promoting diversity, equity and inclusion was recognized, as was the leadership shown by the Canadian Chiropractic Association in this area.

In closing, Dr Brown thanked the CCRF for its hard work, foresight, diligence and commitment to research and paid tribute to the impact that its outputs were having around the world. Describing the CCRF as one of the beacons for chiropractic research, he drew parallels between Canada's investment in research and the successes the profession had achieved, noting that it was no coincidence that those nations with a proven track record in funding research had won major gains in both legislative recognition and public profile.

Plans for WFC Global Observatory ongoing

Plans for a WFC-led Global Observatory for Chiropractic are continuing.

The principal aim of the Global Observatory is to provide a centralized hub for the global collection, monitoring, analysis and reporting of data relevant to the chiropractic profession.

The collection of data is important to monitor trends, make projections about future capacity and plan to meet public demand. Currently, the acquisition of data is irregular, fragmented and not always reliable. By consolidating reliable information on the activities of the WFC's member and non-member organizations, educational institutions and research bodies, and by identifying practice trends, the Global Observatory will allow for enhanced planning and a better understanding of current and future capacity.

Data will be gathered through a range of sources, including surveys, questionnaires and analyses of official documentation where reporting is mandated by law. Synthesis of data will in turn identify priorities, make projections and mitigate potential areas of threat.

It is hoped that by identifying and monitoring global research activity, collaborative research programs may be established, which in turn will help to avoid duplication and strengthen the body of evidence relevant to the practice of chiropractic globally.

It is proposed that the scope of the Global Observatory will include the gathering of global workforce data, occupational distribution, legal status, scope of practice, education and student data, research, continuing professional development and practice trends.

Updates on the progress of this initiative will be provided throughout 2022.

NEW Available NOW!

The Mother NurtureTM Custom Orthotics System

by Foot Levelers

An exciting advancement in chiropractic care - the first and only custom orthotics just for pregnant women.

The Mother Nurture System helps:

- Decrease pain, discomfort and fatigue
- Stabilize the entire body from the feet up for the healthiest pregnancy possible
- Speed recovery and return to regular activities after baby's birth

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Mother Nurture Custom Orthotic System™ by Foot Levelers –Individualized Support for a Woman’s Body During and After Pregnancy

The NEW Mother Nurture™ Custom Orthotics System is a revolutionary addition to chiropractic care - the first and only custom orthotics just for pregnant women. Created to provide individualized balance, stability, and alignment for the evolving stages of pregnancy, Mother Nurture helps relieve pain and fatigue and support optimal physical conditions for healthy gestation and a safer and easier delivery.

It's only available from healthcare professionals, who will incorporate the System into their care, providing guidance and monitoring their use to ensure the best possible treatment results for the patient.

The Breakthrough Mother Nurture Support System

The System consists of three pairs of spinal pelvic stabilizers, each designed for a specific phase of pregnancy: Trimester Two, Trimester Three and Postpartum, plus a bonus foot roller for reducing tension and soreness in the feet and aiding in orthotic break-in. Foot Levelers uses their proven scientific data and algorithms to develop the custom stabilization needed for each mother-to-be with a single scan.

Average weight gain during pregnancy ranges from 1.5 to 2 pounds at 10 weeks, then increases to 25 to 35 pounds at delivery. The increasing weight of the developing baby impacts the woman’s center of gravity, causing ongoing posture and gait changes which can result in significant low back and pelvic pain, and other areas of discomfort throughout the body. These changes and the fatigue that accompanies them can affect all aspects of day-to-day life during a time that should be exciting and joyous.

Mother Nurture can help counteract these physical effects to help women stay as comfortable and active as possible during their pregnancies. After delivery, the postpartum set enhances recovery

and a speedier return to regular activities.

Developing the Mother Nurture System

Jamie Greenawalt, Senior Vice President of Foot Levelers, was pregnant with her first child when she recognized the need for a custom orthotic that provided the unique stabilization each mother-to-be requires. Greenawalt’s second pregnancy coincided with the development of the NEW Mother Nurture Custom Orthotics System.

Foot Levelers has a long history of innovation and responsiveness to patient needs within the chiropractic community, and the company leveraged their extensive data and expertise to create the Mother Nurture System. Greenawalt’s feedback and first-hand experiences went into the formulas for the three sets of orthotics, and the team included mothers and mothers-to-be whose insights helped guide the development. Since the System was launched last November, there’s been widespread interest from many doctors and patients.

Foot Levelers offers the only custom orthotics that support all three arches of the feet, for optimal balance and support, aligning the entire body from the ground up for optimal total-body wellness. They are hand-crafted from the highest quality materials, backed by proven science, and come with a 100% guarantee.

To learn more about the Mother Nurture Custom Orthotics System, please visit footlevelers.com/mother or call 800.553.4860.



Belgian chiropractor first recipient of WFC scholarship

Dr Bert Ameloot, from Belgium, has become the first chiropractor to receive a WFC Global Scholarship. The scholarship, which covers tuition and course fees, was offered by the WFC in association with Parker University for any one of its Masters programs.

The call for applications resulted in interest from chiropractors around the world. The WFC convened a selection committee, which undertook a rigorous process to determine who should be the successful candidate. The principal criteria for selection were academic merit, leadership potential and ambassadorial potential.

WFC Secretary-General, Richard Brown, said, "The selection committee considered Dr Ameloot to be



Bert Ameloot (pictured left and above) is a member of the Belgian Chiropractors' Union

an outstanding candidate for the WFC's first Global Scholarship. We feel that this scholarship aligns perfectly with the WFC's mission of advancing awareness, utilization and integration of chiropractic internationally, and wish Dr Ameloot every success in his studies".

Speaking after the scholarship was announced, Dr Ameloot commented, "I feel truly honored to have been awarded the first WFC Global Academic Scholarship. I feel I am receiving recognition for my career and devotion to chiropractic so far. I would like to thank the WFC, Parker University and the committee for their confidence in me, the offer itself and the opportunity that lies ahead. I am looking forward to embracing this new academic challenge, a Master in Public Health that will prepare me for what may come next."

Dr Ameloot will be studying for a Masters in Public Health at Parker University.



Guatemala is latest beneficiary of WFC member support program as RRS Education steps up

Canada-based RRS Education has become the WFC's latest corporate partner following the launch of an initiative last year to support small member associations with dues sponsorship.

Founded in 2006, RRS Education is owned and operated by chiropractor Dr Shawn Thistle. With a focus on knowledge translation and clinical implementation tools, RRS Education offers a subscription service providing research reviews as well as online and in-person post-graduate educational programs.

Recognized as an international leader in knowledge translation, Dr Thistle is a frequent speaker at WFC Congresses and events.

Content is based on current, high-quality scientific evidence which is presented in a consistent, unbiased, easily understood format, with the overarching goal of promoting efficient dissemination of research to practitioners, students and institutions worldwide.

RRS Education will become the sponsor of Asociación



Guatemalteca Científica de Quiropractico, the WFC Member for Guatemala, whose president is Gabriela Flores.

For more information about the member support program, contact Richard Brown at rbrown@wfc.org.



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WFC Sec-Gen pays tribute to Danish achievement at conference



Richard Brown delivered his opening remarks via Zoom at the DCA conference

Secretary-General Richard Brown delivered the opening remarks at the Danish Chiropractic Association's 2021 Congress and AGM.

He congratulated its leadership team and highlighted the achievements of the association

in building one of the most successful environments for chiropractic in the world.

The DCA is committed to supporting and promoting the WFC's #BeEPIC campaign. Denmark delivers a world class chiropractic education, has built

a powerhouse of chiropractic research, has a regulated framework and, through the DCA, engages the public and other health disciplines to ensure chiropractors earn trust, respect and cultural authority.

WFC congratulates new ECU Secretary-General on appointment

Jim Pettipher (pictured, right) has been named as the new Secretary-General of the European Chiropractors' Union (ECU).

With an extensive background in the management of not-for-profit and charitable organizations, he brings valuable experience to the ECU. He is committed to adding value to the ECU's member

national associations.

Living only an hour from his WFC counterpart, Jim has already met with WFC Secretary-General Richard Brown to discuss areas of common interest. Richard commented, "We congratulate Jim on his appointment and look forward to a highly productive relationship."



2022 WFC



HEALTH PROMOTION CAMPAIGN

Chiropractic - helping people be physically active!



Chiropractors from all over the world
are invited to participate in the
2022 WFC health promotion campaign

wfc.org

WHO guidelines on physical activity and sedentary behaviour.
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Millions get Back2Back in celebrating 2021 World Spine Day

Despite the ongoing challenges experienced by populations around the world as a consequence of the Covid-19 pandemic, the 2021 World Spine Day attracted the interest of millions as local organizers embraced the theme of Back2Back.

Held each year on October 16, the WFC has coordinated World Spine Day since 2008. Thought to be the largest global public health event dedicated to promoting spinal health and wellbeing, World Spine Day is observed by health professions and public organizations concerned with spine care.

The theme of Back2Back reflected the need to reset and refocus on spinal pain and disability as part of the global burden of disease. With an estimated 540 million people in the world suffering with low back pain at any one time, it remains the leading cause of years lived with disability.

World Spine Day also recognizes the lack of access to quality spine care and rehabilitation in under-served communities, which results in chronicity and permanent deformity.

Back2Back focused on highlighting ways in which people can help their spines by staying mobile, avoiding sedentary behaviors, not overloading their spines and adopting healthy habits such as weight loss and smoking cessation.

World Spine Day organizing committee chair, Richard Brown, said, "Public health Initiatives like World Spine Day are critical in raising awareness, providing information and empowering the public to care for their spines. For spine health experts, World Spine Day provides a perfect opportunity to meaningfully contribute and proactively participate in their communities."

The WFC's annual World Spine Day competition drew entries from around the world. Winner of the



national association category went for the second year running to the Chiropractic Association of South Africa for their innovative and impactful campaign to raise awareness and engage the public. Second prize in the category went to the Chiropractic Doctors Association of Hong Kong, which reached millions of consumers with a program of advertising on public transport and a series of events promoted through a range of media sources.

Malaysia's International Medical University picked up first prize in the educational institution category for a week-long series of events promoting the benefits of good spine care. Second prize went to the Universidad Central del Caribe, whose chiropractic students threw themselves into a range of activities to celebrate World Spine Day.

Hong Kong's New York Medical Group won the private clinic category for outstanding public engagement during the week of World Spine Day.

The WFC would like to recognize and thank its organizing team of Danielle Wiesner, Kelly McCormack, Lean Swaenpoel, Rebekah Wilks and Richard Brown for once again putting together the event and judging the World Spine Day competition.

WFC WORLD SPINE DAY 2021 COMPETITION WINNERS

WFC MEMBER ASSOCIATION CATEGORY

FIRST PRIZE

Chiropractic Association of South Africa (South Africa)

SECOND PRIZE

Chiropractic Doctors' Association of Hong Kong (Hong Kong SAR, China)

HIGHLY COMMENDED

Association of Chiropractic, Malaysia (Malaysia)

EDUCATIONAL INSTITUTION CATEGORY

FIRST PRIZE

International Medical University (Malaysia)

SECOND PRIZE

WCCS Chapter - Universidad Central del Caribe (Puerto Rico)

HIGHLY COMMENDED

University of Johannesburg Student Committee (South Africa)

PRIVATE CLINIC / INDIVIDUAL CLINICIAN

FIRST PRIZE

New York Medical Group (Hong Kong SAR, China)

HIGHLY COMMENDED

First Chiropractic and Rehabilitation, Wellness Clinic (Ethiopia)

Children Chiropractic Foundation (Hong Kong SAR, China)

2021 World Spine Day in photos



2021 World Spine Day in photos



2021 World Spine Day in photos





CALL FOR ABSTRACTS

11TH WFC ACC GLOBAL EDUCATION CONFERENCE

NOVEMBER 2-5, 2022 LOGAN UNIVERSITY, ST LOUIS, UNITED STATES

Submission deadline for abstracts: June 1, 2022

Authors from all nations are invited to submit abstracts describing their chiropractic educational research and innovations. Submitted material should be pertinent to teaching, learning, assessment, evaluation, faculty development, governance, or any area of education.

Content must relate to education. A maximum of two abstracts may be submitted for a given presenter for any combination of the following:

Platform Presentations: Platform abstracts of 250 words or less should include: objective, methods, results, and conclusion. Experimental studies involving human subjects (eg, comparative trials, pilot studies, cohort studies, and surveys) must have IRB/ethics board approval or exemption as determined by the author's institution.

Poster Presentations: Poster abstracts of 250 words or less should include: objective, methods, results, and conclusion. Experimental studies involving human subjects (eg, comparative trials, pilot studies, cohort studies, and surveys) must have IRB/ethics board approval or exemption as determined by the author's institution.

Workshop Presentations: Workshop leaders will provide an interactive workshop to develop skills of attendees. Workshops should include active learning - not be solely lectures, not a series of presentations, nor be a substitute for the scientific platform sessions. The workshop proposal of 250 words or less should include a brief description, a list of skill-based learning objectives, and outline of the presentation that can be completed in 45 minutes. If the proposal is selected for consideration, a more detailed outline will be requested.

Innovations Presentations: Innovation presentations present a true educational innovation that is being implemented. A description of the specific innovation should be able to be shared in 6 minutes

or less and will be part of a panel discussion. Innovation sessions are not lectures or a substitute for platform presentations. Innovations abstracts of 250 words or less should include: rationale or need for the innovation, short description of the innovation, and potential impact on chiropractic education.

Educational domains may include undergraduate, postgraduate, residencies, and any other specialty training relevant to chiropractic education. Topics may include:

- **Accreditation**
- **Admissions**
- **Basic Science Teaching**
- **Clinical Course Teaching**
- **Competency-based Training**
- **Continuous Quality Improvement**
- **Cultural Competency/Diversity**
- **Ethics in Education**
- **Faculty Development**
- **History of Chiropractic Education**
- **Interprofessional Education**
- **Library sciences**
- **Professionalism and Ethics**
- **Program Evaluation**
- **Public Health Education**
- **Standardized Testing, Psychometrics**
- **Student Assessment and Evaluation**
- **Teaching for Learners with Difficulties**
- **Teaching in the Classroom and Clinic**
- **Technology in Education**
- **Workforce development**
- **Other education-related topics**

SUBMISSION INSTRUCTIONS

1. Deadline:

a. Submit your abstract by **June 1, 2022** to https://www.surveymonkey.com/r/2022WFC_education

2. Abstracts:

- a. Abstracts must be in English and are limited to **250 words maximum** word count does not include title, author names, or affiliations.
- b. The abstract should be structured as mentioned in the above descriptions.
- c. Abstract should not include references, tables, graphs, figures, pictures, or video.
- d. All works related to education will be considered.
- e. An abstract may be submitted if it has been presented at another meeting or if it has been published or will be published by the time of the conference.
- f. Presenters may submit no more than two (2) abstracts of any combination of the following: platform, poster, workshops, or innovation presentations.

3. Author responsibilities:

- a. The primary author will be the contact person responsible for submission of all required materials and all correspondence. The primary author is responsible for accuracy of the abstract submission.
- b. Abstracts will be published as submitted by the corresponding author. It is the responsibility of the primary author to ensure that all requirements are met and that the work is free from factual or other errors (spelling, grammar, etc.)
- c. The presenter may be any author (primary or coauthor) of the work. Only primary or coauthors are allowed to present at the conference (non-authors are not allowed to present).
- d. By submitting an abstract, the authors consent that the abstract will be published in the *Journal of Chiropractic Education* if the submission is accepted for presentation.
- e. For accepted abstracts, authors will be asked to submit their IRB/REB/Ethics approval or exemption letter (if needed) and an author permissions form.

4. Peer Review Process:

- a. All submissions will be evaluated for completeness, strength of contribution, and relevance to the conference by the peer review committee.
- b. Primary authors will be notified of the committee's decision by **August 1, 2022**.

5. Attendance:

- a. Presenting authors must complete paid (non-refundable) registration by **August 15, 2022** to be included in the program and proceedings. It is the presenting author's responsibility to secure funding to register and attend the conference.

Questions about submissions should be directed to Dr Bart Green at 2022wfc.education@gmail.com

For conference details please visit www.wfc.org/educonf2022





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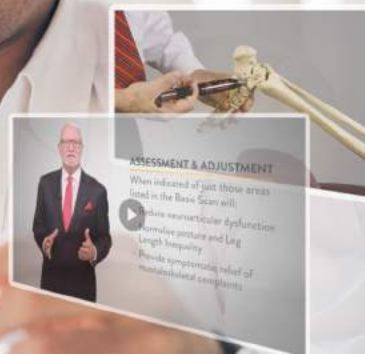
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BCA President delivers commencement address at delayed 2020 AECC graduation.

On Friday 10th September 2021, AECC University College finally got the opportunity to acknowledge and congratulate all the hard work of the 2020 graduating students, following the postponement of the ceremony as a result of the pandemic.

The ceremony took place at Corpus Christi Church in Boscombe, along with family and friends, followed by a celebratory drinks reception and afternoon tea in a beautiful marquee on campus at AECC University College. The speaker at the 2020 Graduation was AECC University College Alumnus Catherine Quinn – Catherine has been President of the British Chiropractic Association since October 2017 and has been in private practice since graduating from AECC University College in 2012 after completing a BSc in Sports Science.

On speaking to the 2020 graduating students, Catherine said:

“On this important day in your life, please accept the heartfelt congratulations of the entire Chiropractic profession for your achievements.



Catherine Quinn delivers the 2020 AECC Commencement Address

“Your role as a healthcare professional automatically makes you a leader. Patients are seeking your advice and your leadership for the healthcare concerns they bring you. Being a leader means having strong core values and a vision of what to do with them. Vision is at the centre of every decision made and it’s the energy that drives you on.

“You will want to reflect at the culmination of your career with pride and knowledge in the fact that you’ve always done what is right for patients.

“Never stop learning, never stop asking questions and never forget that chiropractic is an art as well as a science practiced by Chiropractors who bring to the table not only diagnostic skills and training but also their humanity, caring and concern.”



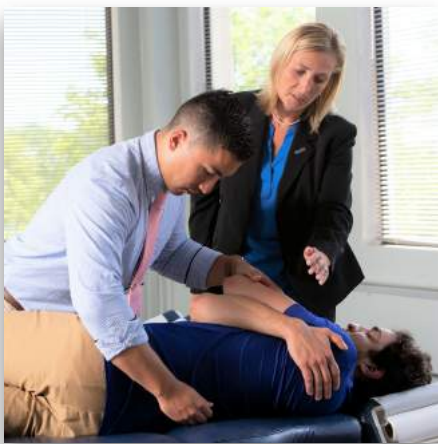
The ceremony was delayed by the COVID-19 pandemic

Northeast College announces new student clerkships and clinical opportunities

Northeast College health centers in Depew, Levittown, and Seneca Falls, N.Y., continually create new partnerships and provide clinical rotations and clerkship opportunities for students to gain real-world, hands-on experience while at Northeast

"With our many partnerships at Northeast, we provide robust and varied opportunities that give us one of the most diverse clinical programs for future doctors," said Dean of Clinical Education Dr. Wendy Maneri. "This real-world experience provides our students with the competence and confidence to be successful practitioners upon graduation."

Each health center operates as the hub of a wheel, with spokes spanning out to partner sites.



Practical teaching at Northeast College

Student clerks treat patients at their main health center (hub) and rotate at the partner sites (spokes) for additional diverse clinical experiences.

Partners include regional health centers, the United States Veterans' Affairs Department (VA) and Department of Defense (DoD) medical centers, and private practices. These diverse partners provide students with a wide variety of settings and opportunities, including remote clerkships, preceptorships and professional clinical observations.

Two of 2021's new opportunities stem from the long-time partnership between the College and the VA. In 2004, Northeast established the first-ever chiropractic residency program within the VA.

Honors-level opportunities with a competitive application process, VA remote clerkships take place in a student's final year of Northeast's Doctor of Chiropractic program. Under the supervision of expert faculty members, students participate in integrated medical care settings and provide treatment for patients with complex conditions. The students may have the opportunity to rotate

through various departments within the VA hospital, including physical medicine and rehabilitation, neurology, neurosurgery and pain management.

Through the immersive and extensive clinical opportunities



Practical teaching at Northeast College

at Northeast, students can realize many career pathways available even before they graduate. The Northeast College clinical learning model provides students with a full and diverse patient care experience, one that prepares them to be skilled practitioners ready to join the ranks of passionate healthcare professionals.

www.northeastcollege.edu.

LOGAN UNIVERSITY

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As the first program of its kind in the United States, the Master of Science in Integrative Pediatrics degree provides clinically focused, evidence-based, specialized training for U.S. and internationally licensed Doctors of Chiropractic who want to take their pediatric knowledge and expertise to a higher level.

Online program with two in-person practicums for hands-on learning, one per year each held over a long weekend on the Logan campus.



Admissions@Logan.edu | 636-230-1750 | 800-533-9210

Scan for more info!

Logan University Establishes Dr. Ken Leistner Memorial Scholarship

In honor of the late Kenneth Evan Leistner, DC ('80), world-renowned chiropractor and strength and fitness coach—"Dr. Ken" to those who knew him—Logan University has established the Dr. Ken Leistner Memorial Scholarship, which will award \$1,000 to one strength and conditioning student every trimester. Logan's Master of Science in Strength and conditioning will launch in summer 2022 with a science-based, evidence-informed curriculum developed and led by experienced, active leaders in athletic performance.

Over five decades, Dr. Ken pioneered a unique brand of high-intensity training, worked and consulted with celebrities and professional athletes, and was a prolific writer and expert in multiple fields. His techniques and philosophy are followed by members of the powerlifting and fitness community to this day, and he is remembered fondly for his uncompromising

work ethic and commitment to bettering himself and others.

Dr. Ken's wife, Kathy, a Big Ten Conference multi-sport athlete, champion powerlifter and bodybuilder, and Taekwondo Black Belt holder, and daughter, Bariann, were instrumental in establishing the scholarship.

As an endowed scholarship, each donation is properly invested, earning yearly interest, and the interest is then used to fund the scholarship. The principal amount itself will not be spent, which allows the scholarship to be available for future generations of strength and conditioning students.

To donate to the Dr. Ken Leistner Memorial Scholarship, learn more about Dr. Ken's life and legacy, and to share your memories of him, visit www.logan.edu/dr-ken-leistner-memorial-scholarship/.

Cleveland awards scholarship awards to 52 recipients

The 2021 Cleveland College Foundation Scholarship Ceremony was held on the Cleveland University-Kansas City (CUKC) campus on Dec. 3. The scholarship ceremony was presented by CUKC President Dr. Carl S. Cleveland III and celebrated 52 students receiving scholarship awards for the coming year.



The annual CUKC event honors recipients and donors of memorial scholarships and named awards

Joseph Sweere (August 10, 1939 - November 21, 2021)

A titan of the global chiropractic community, Dr Joseph J. Sweere passed away on November 21, 2021 at the age of 82.



Dr Sweere worked in private practice between 1961 and 1986.

His passing has been felt keenly at his alma mater, North Western University of Health Sciences (NWUHS), to which he gave decades of service after a quarter of a century in private practice.

Born in the U.S. state of North Dakota, Dr Sweere graduated Salutatorian from Northwestern College of Chiropractic (now NWUHS) in 1961. Following his graduation, he established a practice in Owatonna, Minnesota, where he continued to serve his community until 1986, when he joined the faculty of NWUHS. He served as a Professor in the Clinical Sciences Division until 2012.

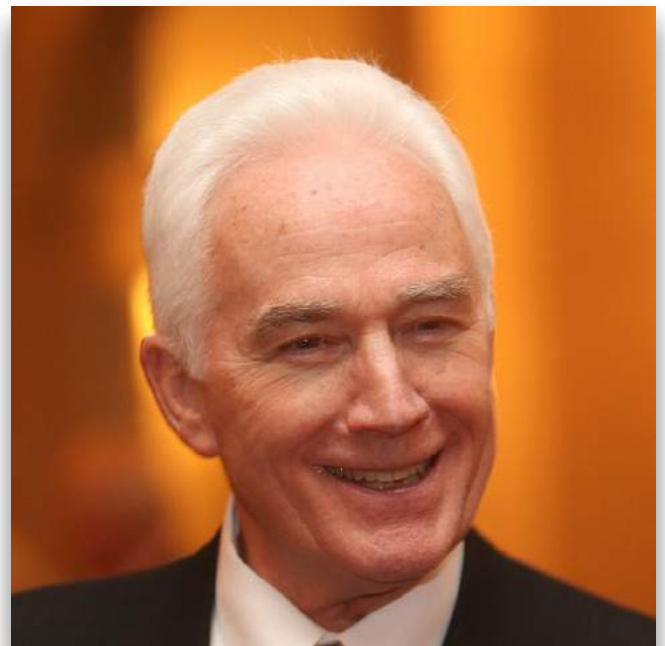
Dr Sweere leaves behind an impressive legacy, both at NWUHS and more widely across the world

of chiropractic. Seen as a mentor, colleague and friend to many, Dr Sweere was regarded as a pillar of the university and was respected broadly within the field of chiropractic. He is remembered fondly for a phrase he often repeated: "We are on the earth to help each other, and therein lies our joy."

In the early part of his career with NWHSU, Dr. Sweere taught many up and coming chiropractors and guided their careers beyond the walls of the University. He was a professor in the Department of Diagnostic and Clinical Sciences in the College of Chiropractic; coordinator of the continuing education programs in occupational health; and coordinator and principal instructor of postgraduate orthopedics.

Beyond his chiropractic degree, Dr. Sweere was a diplomate with both the American Board of Chiropractic Orthopedists and the American Chiropractic Board of Occupational Health.

(continued)



Dr Sweere remained active in chiropractic until shortly before his passing.

Joseph Sweere (August 10, 1939 - November 21, 2021) (continued)

Dr. Sweere was a pillar of the chiropractic community, specifically with regards to occupational health. He was instrumental in initiating continuing education in the occupational health and ergonomics specialty for the Chiropractic profession on a national level, having served on the post-graduate faculty of ten chiropractic colleges.

Dr. Sweere received many awards for his teaching and contributions to the profession. At NWHSU, he was voted teacher of the year in both 1990 and 2006, was awarded the University Brilliant Star Award in 2007, and was the first recipient of the Distinguished Alumnus Award. The Minnesota Chiropractic Association awarded him Chiropractor of the Year in 1997, the John Allenburg Meritorious Award in 2002, Outstanding Educator in 2009, and the Lifetime Achievement Distinguished Service Award in 2019.

Dr. Sweere founded the Sweere Center for Clinical Biomechanics and Applied Ergonomics and the Sweere Clinic, a multidisciplinary holistic healing center on the campus at NWUHS, a premier evidence-based integrative health learning center.

"The opening of the Sweere Clinic is the fulfillment of a dream my late wife Mary and I conceptualized many years ago," he said at the time. "Our mission is to empower our patients as active participants in their own health care, with the goal of providing relief from suffering and pain."

Dr. Sweere was predeceased by his wife, Mary. He is survived by his six children and nine grandchildren. Away from his work, Dr. Sweere lived a life filled with a love for his family, friends, scholarship, travel, art, music, antiques and a menagerie of various pets. Together, he and Mary lovingly restored a crumbling Victorian house into a stunning showpiece of a family home.



Dr. Sweere founded the Sweere Center and the Sweere Clinic

Dr. Sweere lectured widely during his career, including at the World Chiropractic Congress, in Sydney, Australia, in 1988, the year that the WFC was established. He went on to present at WFC Biennial Congresses in London in 1993 and in Rio de Janeiro in 2011, as well as multiple other international scientific meetings.

An author and inventor, Dr. Sweere held a patent for the Helping Hand Load Transfer Device, designed to assist in the prevention of lower spinal disorders.

Dr. Sweere was a Fellow of the International College of Chiropractic (FICC) and represented the chiropractic profession on a number of other bodies, including the International Federation for Holistic Medicine.

All of us at the WFC salute the work of this great man and pay tribute to a lifetime of achievement and contribution to the growth and advancement of the chiropractic profession.

NWUHS launches two fully-online Masters programs

Northwestern Health Sciences University (NWSU) has launched two fully-online Masters programs to support its mission of preparing the next generation of healthcare professionals to deliver and advance health care. The programs are designed to fit into the lives of those already working within the healthcare space, and can be completed in one to two years.

The **Master of Health Science in Functional and Integrative Nutrition** program goes beyond the conventional nutrition coursework and offers learning opportunities in specialized areas to set students up for success. By

interweaving business classes into the curriculum, NWSU's program provides practitioners with critical skills to run a successful practice.

The **Master of Health Science in Integrative Care** program empowers practitioners, administrators and healthcare leaders to create a patient-centric and holistic healthcare ecosystem. With three specialization tracks, students can tailor their offerings to emphasize trauma informed integrative care, integrative health coaching and integrative healthcare administration to meet their patients' needs.

Northeast confers 103 degrees in combined Fall ceremony

The Fall 2021 Commencement ceremony presented 88 Doctor of Chiropractic graduates and 15 Bachelor of Professional Studies students with their diplomas. A number of Doctor of Chiropractic program 2020 graduates were also celebrated and walked the stage for their in-person hooding, as their ceremonies were held virtually during the global pandemic.

During the ceremony, awards

were given to graduating students for excellence in community service, leadership, and clinical practice. Labor and employment lawyer Louis DiLorenzo, Esq., was the keynote speaker and Dr. Frank Lizzio (D.C. '80), chair of the Board of Trustees, addressed the graduates.

"Here at Northeast College, you learned to master your chosen discipline, evolving intellectually

and emotionally into mature, responsible professionals, worthy of a patient's trust and a colleague's respect," said Dr. Lizzio. "Today you complete an academic journey started years before, and move onto a new path toward a successful, rewarding career in which you will fully realize your passion to reimagine health and transform lives."



Royal College President praises 'special year' at 2021 AECC graduation.

AECC University College's 2021 cohort of students graduated on Friday 26th November 2021 at the Pavilion Theatre in Bournemouth.

Graduands, along with their families and friends, celebrated their wonderful achievements at AECC University College and enjoyed a drinks reception and afternoon tea in the beautiful Ballroom at the Pavilion.

The Graduation Speaker was Mark Gurden – President of the Royal College of Chiropractors.

Following a career in research, Mark himself graduated from AECC University College in 2000 and is a member of the Board of

Governors at AECC University College. On speaking to the Graduands, Mark said:

"You really are a special year, aren't you? The class of 2021 have faced adversity.

"I am of course referring to coping with learning and developing your clinical skills in the middle of a pandemic.

"This achievement is not to be underestimated.

"You have gone above and beyond to overcome some of the most significant challenges that have faced education, healthcare and of course our wider society.

This experience will strengthen you and add to your skills and you deserve praise for this."

The WFC was represented at the event by Secretary-General, Richard Brown.



Mark Gurden (L) delivers the 2021 AECC commencement address.

Daniel Murphy named 2021 UWS alumnus of the year



Daniel Murphy DC, DACBO

Daniel Murphy, DC, DACBO, has been named the 2021 University of Western States Alumnus of the Year. This distinction recognizes and honors the accomplishments of outstanding UWS graduates as they advance the science and art of integrated health care.

Dr. Murphy's professional and scholarly work has demonstrated exemplary leadership for the chiropractic profession.

"Dr. Dan Murphy has been a leader in chiropractic practice and clinical education for more than four decades," said President and CEO of UWS Dr. Joseph Brimhall. "

He stays abreast of the rapidly-evolving developments in the sciences of chiropractic and nutrition, and teaches how to apply these advancements to help patients achieve their optimal potential."



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SCUHS graduates range of health professionals in 2021 ceremony

Southern California University of Health Sciences (SCUHS) recently hosted its 2021 graduation ceremony, which featured awards to 456 recipients from a range of disciplines.

As well as 224 Doctors of Chiropractic awards, the ceremony also recognized graduates in Acupuncture and Chinese Medicine, Physician Assistant, Medical Science, Basic Sciences, Ayurveda and Massage Therapy.

With graduating healthcare students stepping into their roles at a most vital time, SCUHS President John Scaringe, DC, EdD spoke about the challenges facing today's graduates as a result of the

pandemic, thanked students for their dedication, and encouraged them as they take the next step in their careers as healthcare providers.

The University's 2021 commencement ceremony is the first SCU event to be held at the LA Coliseum, and the first in-person commencement, since the pre-pandemic era. The event was planned and operated under current Covid-19 health and safety guidelines.

This year's SCUHS commencement speaker was Samantha Simmons, MPH, CEO of the Academic Consortium for Integrative Medicine & Health.



The SCUHS graduation ceremony recognized 456 new health care professionals.

CCE-LA project continues to advance

The pandemic has created an overwhelming obstacle for many academic programs and group activities during the past two years. Despite the otherwise challenging sociopolitical environment, the Council of Chiropractic Education in Latin America (CCE-LA), a committee formed and motivated by the need for a formal educational steering committee in the region, has pushed ahead.

During this time, CCE-LA has been able to incorporate in Puerto Rico and is in the process of submitting its documentation to be admitted by the hacienda (the taxing authority in Puerto Rico) as a "Sociedad sin fin de lucro", or officially recognized as a Non-profit.

In October 2021, chiropractic practitioners and professors across Latin America met in Cancun, Mexico on behalf of CCE-LA, and the Latin America Federation of Chiropractic (FLAQ). This event was sponsored by the International Board of Chiropractic Examiners (IBCE).

The purpose of this two-day meeting was to create a two-part exam that would measure a minimum acceptable competency for graduates of the different chiropractic programs regionally. In addition, the exam would ensure that the graduates of the various programs were competent in their application of chiropractic and did not represent a risk to public health.

Creating an exam for graduates of chiropractic programs across Latin America is one significant step for the CCE-LA; however, there is still much to be done before declaring the CCE-LA as an official accreditation council.

The standards that will detail the accreditation process are still in formation. Directors from CCE-LA have been in consistent communication with CCE International (CCEI), hoping that once CCE-LA is fully functioning, the standards brought forth are accepted by CCEI as compatible with

other programs leading to the chiropractic degree around the world. A curricular mapping study has been completed comparing the educational standards of the different programs in Latin America.

Significant steps that have been accomplished across Latin America include the accreditation of the program Universidad Central del Caribe in Puerto Rico by the CCE-USA and an expansion of the chiropractic program at the Universidad Central de Chile which will lead to a chiropractic degree that may be entered following graduation from high school.

All programs in Latin America are Bachelors level programs (similar to medicine, odontology, etc), except the program in Puerto Rico, which is considered a Doctorate level program, consistent with the standards leading to licensure in the USA.

Any assistance offered by experts across the globe would be greatly appreciated. Send an email to infoclaeq@gmail.com.

FLAQ, as well as CCE-LA, are seeking donations to allow this project to be pushed forward. Any questions may be sent to Sira Borges directora.ejecutiva@flaq.org or infoclaeq@gmail.com



CCE-LA is seeking a system of accreditation across all chiropractic educational providers in the region.

News from WCCS

The WCCS Board of Directors has been engaged in a number of activities over the final months of 2021.

This included a European regional event, which was organised and hosted by the WCCS Chapter Zurich and talks by speakers, including the President of ChiroSuisse, Dr Thomas Thurnherr.

WCCS has hosted a monthly speaker series. The October segment hosted the Canadian Chiropractic Association's Dr Ayla Azad discussing gender equality in professional leadership, practice opportunities and patient perceptions.

The November segment hosted a panel discussion in collaboration with the International Chiropractic Sports Federation (FICS) on the subject of Mentorship for the Future Sports Chiropractor.

Dr Christine Foss and Dr Martin Isaksson shared insights and experiences in the sports chiropractic fraternity with WCCS members.

For many students and soon-to-be graduates this provided a unique occasion to hear from two of the top sports chiropractors internationally and also have the opportunity to directly interact with and ask questions to the panellists.

WCCS was grateful for the opportunity offered to two of our Board members by the WFC to join its delegation to the second special session of the virtual 74th World Health Assembly.

WCCS President Louisa Conradi and Director of External Affairs Muhammed Yaseen Tagari had the privilege of joining the WFC delegation to represent chiropractic on such a massive platform as well as be representatives for the students and youth in the profession.



Meanwhile, the WCCS has announced the date of its 2022 AGM: July 8-10, 2022 for the Board of Directors social and educational component of the AGM and July 16, 2022 for the WCCS business AGM which is only accessible to our active members.

WCCS invites chiropractic students interested in attending the AGM and getting involved to reach out at any time. The WCCS website with all contact details is wccsworldwide.org.

WCCS is in the process of reviving some committees that have been dormant over the past year(s) due to COVID-19. It is working to rebuild the International Mobility Committee, a group dedicated to building "packets" providing information about the requirements to become and work as a chiropractor in other countries.

It has also started to rebuild the ChiroMail committee. The website is back up and WCCS will be soon updating about its projects regarding this committee!

WCCS invites chiropractic students who want to be a part of one of these or other committees to get in touch with its Director of Internal Affairs

Tayla Wagner: internalaffairs@wccsworldwide.org

wccsworldwide.org

SCCA hosts inaugural IGNITE conference

Originally established to connect the Canadian Memorial Chiropractic College (CMCC) with the Canadian Chiropractic Association (CCA), the Student Canadian Chiropractic Association (SCCA) acts as a critical bridge between chiropractic student life and becoming a practicing healthcare professional.

With the recent re-launch of SCCA National, comprised of a board of student leaders from CMCC and other chiropractic colleges in North America, students have more opportunities than ever to stay connected and engaged in their studies and future career in chiropractic.

United by the shared goal of achieving success in a thriving evidence-based, patient-centered practice, SCCA members have access to exclusive resources and forums hosted on the newly launched website as well as a dedicated private Facebook page, in addition to timely webinars and events.

Hosted virtually on November 6, 2021, the inaugural **Ignite** conference presented students with an impressive lineup of over a dozen speakers and panels of practicing chiropractors.

The conference theme, *It's All Connected*, highlighted the key components of chiropractic success: clinical excellence, patient experience, cultural agility and a commitment to continued learning.



Presentations ranged from how to launch a practice during a pandemic, to best practices for implementing diversity, equity and inclusion principles. Participants also enjoyed presentations about social media dos and don'ts, financial management, business lessons and leadership skills from experts in the field.

Keynote speaker Dr. Nikita Vizniak gave students a deep dive into a case study on neurological evaluation in outpatient case pathology identification.

Closing for the day, Alison Dantas, CEO of the CCA, addressed the students, "YOU are the future of the profession – your success means success of the chiropractic profession and we are here to support you in your journey."

Thanks to the leadership and forward-thinking student members of the SCCA National, the future of the chiropractic profession is bright!

Article submitted by the Canadian Chiropractic Association.



2022

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GLOBAL TEST DEVELOPMENT

Advancing Chiropractic Care Throughout The World

Testing continues despite challenges of COVID-19: NBCE reports on progress as pandemic continues

Our lives have changed dramatically as the COVID-19 pandemic continues to disrupt 'normal life' and tests the limits of our health care system. As we start 2022, we begin our third year of battle with this virus and the new variants.

The National Board of Chiropractic Examiners and sister organization, the International Board of Chiropractic Examiners, are the leading international testing agencies for the chiropractic profession. Led by President, Dr. Daniel Côté, Dr. Norman Ouzts, CEO and the NBCE Board of Directors, the response to COVID-19 has been in constant transition.



Dr Norman Ouzts, CEO, National Board of Chiropractic Examiners

Balancing safety with the need to deliver exams responsibly and on-schedule to maintain timely licensure for graduating Chiropractors, has been the principal focus. According to Dr. Ouzts, "The NBCE is proud of our ability to improvise, adapt, and overcome the challenges presented by this

unprecedented environment, to allow everyone who needs to test, the opportunity to do so."

Following recommendations from the CDC and World Health Organization, plans continue to be implemented for preventing the spread of COVID-19 at all our test sites and the NBCE administrative headquarters in Greeley, Colorado.

Consistent communication with chiropractic colleges and universities checking for updated local mandates that may affect examinees, is also critical to remaining on-schedule. With each exam administration, the NBCE determines a standard set of test site safety procedures with our COVID-19 Test Site Policy. This includes a required electronic Health Pre-Screening/Attestation and Release Form, which every examinee must complete in order to be admitted to the test site. The NBCE also provides a handbook for test site staff with comprehensive safety instructions and training, in addition to personal protective equipment and supplies for each individual exam location.

The NBCE has overcome obstacles and made enhancements to chiropractic pre-licensure exams during the 'COVID-era'. The modifications made to the Part III and Part IV exams last year leverage advancements in Objective Structured Clinical Examinations (OSCE), to produce more efficient exams, while maintaining reliability and validity. The research conducted and updates made can be reviewed at <https://www.nbce.org/pad/>.

(continued)



Testing continues despite challenges of COVID-19: NBCE reports on progress as pandemic continues (ctd)

The first priority at the NBCE continues to be the safety of testing candidates and our staff who administer the exams. In spite of the challenges, the NBCE has been fortunate to keep every exam on-schedule in the past year. A total of 20,054 exams (Parts I, II, III, IV and PHT) were developed, administered and scored during 2021, which out-paced 2020 and is consistent with (and even exceeds) pre-pandemic results.



Dr Daniel Côté, President, National Board of Chiropractic Examiners

This new year will certainly present new opportunities and unexpected demands, both personally and professionally. The NBCE will continue our commitment to facilitate the journey towards chiropractic licensure safely, with the confidence to respond decisively to any challenge. For those of you fighting on the front lines to contain the COVID-19 virus, thank you for all you do.

Parker recognizes second set of twins on chiropractic program



Canadian twins Adison and Lachlan Wood

After attending an informational session about Parker University last spring, twins Adison and Lachlan Wood have entered the program at Parker University. The boys have shared that they appreciate Parker's policies and standards, and find it is a blessing to have autonomy over personal health choices.

They are looking forward to their journey into their chiropractic educations with the support of Parker University's faculty, innovative environment, and technological advancements. They comment that everyone is supportive and have common goals.

Parker University Team Wins Blackboard Catalyst Award

Parker University has announced that the university is a winner of the 2021 Blackboard Catalyst Award for Training and Professional Development, which recognizes those who use Blackboard programs to support and enhance professional development within or outside the organization. Due to its educational technology, training, and development throughout the past year, Parker University is being recognized for its remarkable achievements.

Now in its 16th year, the annual Catalyst Awards recognize and honor innovation and excellence in the Blackboard global community of practice, where millions of educators and learners work every day to redefine what is possible when leveraging technology. Winners are selected by a cross-functional team of Blackboard experts.



Parker University is a recipient of the 2021 Blackboard Catalyst Awards

Parker University joins a select group of people from the Blackboard Community worldwide, whose work has been recognized as a significant and exemplary contribution to the education industry.

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Chiropractic Education during the COVID-19 pandemic: CERF award-winning papers



Chiropractic
Educators
Research
Forum

The award-winning papers from the conference *Harnessing the Web: How Chiropractic Education Survives and Thrives During the Covid-19 Pandemic*, which was held in December 2020 by the Chiropractic Educators Research Forum, have been announced.

Presentations from the conference submitted to the competition went through multiple rounds of rigorous peer review. The top papers were selected for the CERF awards and will be published in an upcoming issue of the *Journal of Chiropractic Education* (www.JournalChiroEd.com). The award papers, which represent authors from chiropractic programs across the globe (Australia, South Africa, and the United States), are:

Effects of a sudden change in curriculum delivery mode in postgraduate clinical studies, following the COVID-19 pandemic.

Authors: Martin Frutiger, Stephney Whillier

Exploring student perceptions of their learning adaption during the COVID-19 pandemic

Authors: Cortny Williams, Jenny Nordeen, Chris Browne, Brent Marshall

Perceptions and attitudes of University of Johannesburg chiropractic students toward a blended learning approach and a shift to an e-learning approach necessitated by the COVID-19 pandemic

Authors: Fatima Ismail, Christopher Yelverton, Rolene Rademan, Cynthia Peterson

A comparison of virtual and in-person instruction in a physical examination course

Authors: Niu Zhang, Xiaohua He

Development of a mannequin lab for clinical training in a chiropractic program

Authors: Edward Owens, Lydia Dever, Ronald Hosek, Brent Russell, Stephanie Sullivan

The Editor in Chief of the *Journal of Chiropractic Education*, Dr. Bart Green, remarked, "Not only were these award-winning papers outstanding, but the authors also demonstrated grit and tenacity in their roles as chiropractic educators and rose above the COVID-19 pandemic.

"They clearly exhibited strength and perseverance during adversity to provide the best possible chiropractic education for their students, the future doctors of chiropractic."

The Chiropractic Educators Research Forum, known as CERF, is an online forum where chiropractic educators share their insights and learn new information about research and scholarship. Its mission is to build scholarship and research capacity for chiropractic educators throughout the world. CERF supports education research and holds virtual conferences on focused topics to help build research capacity in selected areas.

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Academic Integrity for All Building Better Professionals



For the June 25, 2022 virtual CERF Conference, we will specifically focus on academic integrity.

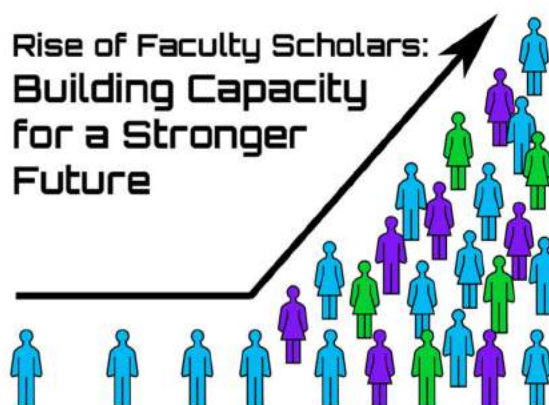
Academic integrity includes improving and maintaining academic standards, developing and promoting skills and attitudes of honesty, integrity, and professionalism of students, faculty, and graduates.

Abstracts are due March 7, 2022

For the December 3, 2022 virtual CERF Conference, we will take an in-depth look at building faculty scholarship and research capacity.

Faculty scholarship consists of: discovery, integration, application and engagement, and teaching and learning.

Abstracts are due September 18, 2022.



ABOUT CERF

The Chiropractic Educators Research Forum (CERF) is an online forum where chiropractic educators share their insights and learn new information about research and scholarship.

Our mission is to build scholarship and research capacity for chiropractic educators throughout the world. Membership for chiropractic educators is free. For more information visit: CERFweb.org

CERF supports education research and holds virtual conferences on focused topics to help build research capacity in needed areas. In addition to building research capacity, these actions are aimed to support other conferences and education venues in the chiropractic profession, such as the WFC ACC Global Education Conference.

CERF greatly appreciates the sponsorship of WFC

WFC Research Committee vice-chair to lead WHO guideline study

The vice-chair of the WFC's Research Committee is to lead systematic reviews of three popular forms of manual therapy as part of a comprehensive World Health Organization guideline on the management of low back pain.

Associate Professor Sidney Rubinstein will head up a team of researchers that will examine the strength of evidence for three forms of manual therapy commonly used in the non-surgical treatment of low back pain.

The research team is drawn from experts in a range of disciplines, including chiropractic, physiotherapy and epidemiology.

Specifically, Dr Rubinstein's team will systematically review the evidence for spinal manipulation, spinal traction and massage.

A systematic review summarizes the results of available published research that meets pre-defined quality standards, ensuring that only the best evidence is used to reach conclusions.

The manual therapies systematic review will identify, appraise and synthesise the evidence that is considered eligible after accounting for



Associate Professor Sidney Rubinstein

various forms of bias.

As well as the overall quality of the available studies, the reviewers will examine validity, methodological quality, sample sizes and statistical analyses.

Given the global significance of the WHO low back pain guideline, it is critically important that the findings from the systematic review are reliable in order to inform decision making and policy by nations in high-, middle- and low-income countries.

Dr Rubinstein is no stranger to systematic reviews, having been a leading author of internationally respected Cochrane Reviews.

He commented, "It is vitally important that we only include studies of the highest quality. In countries with limited resources, great reliance is placed on ensuring guidelines reflect the best current evidence. We therefore have a duty to make recommendations based on what the science is actually telling us, not what we would like it to tell us."

Chiropractic is well represented in the guideline development committee and executive, with Scott Haldeman, Jan Hartvigsen, Geoff Outerbridge and Pierre Côté all named participants.

NCMIC grant funds ground-breaking research study

A collaboration of international scientists has recently been awarded a \$75,000 USD grant from the NCMIC Foundation to study the relationships between spinal disorders and chronic, comorbid health conditions.

As chiropractors treat the whole person, and often patients have multiple health problems, this grant will help to establish evidence about how chiropractic care may contribute to better overall health for people with non-musculoskeletal conditions that are associated with common spinal disorders.



Scott Haldeman DC, MD, PhD

Led by Professor Scott Haldeman (University of California, Irvine, US), the team includes Drs. Eric Hurwitz (University of Hawaii, US), Haiou Yang (University of California, Irvine, US), Katie de Luca (CQ University, Australia), Bart Green (Stanford Health Care and National University of Health Sciences, US) and Patricia Tavares (Canadian Memorial

Chiropractic College, Canada) who will work together under World Spine Care and the Global Spine Care Initiative.

The program of research will systematically review the available literature and access existing data to determine risks and associations between chronic, comorbid health conditions and spinal disorders, as well as to identify existing levels of evidence for spine-related comorbid health conditions.

While most common spinal disorders are co-morbid with general health conditions (1), further evidence is needed to differentiate which health conditions are merely co-morbid as compared to which are risk factors and can be targeted to improve overall health.

For example, diabetes, cardiovascular disease, pulmonary disease, obesity, and health behaviours have been shown to have a relationship with spinal disorders.

Furthermore, there is an incremental increase in the risk of spinal pain associated with increasing comorbidity count (2). This group will work towards building a more robust evidence base about relationships between spinal disorders and poor general health due to chronic, comorbid health conditions such as psychological

conditions, cognitive functioning, systemic diseases, and neurological disorders.

Scott Haldeman states that “this research has the potential to change the way spinal pain and related disability is viewed by clinicians and patients. If spinal pain has a significantly co-morbid association with general health disorders and especially if longitudinal studies show that there is a risk association, in either direction, then the management of such co-morbid conditions would reasonably include a clinician who offers evidence-based spine care such as chiropractic.”

The long-term primary goal is to work towards a large, prospective, longitudinal study to determine causative pathways between spinal disorders and comorbid health conditions.

The research team thanks the NCMIC Foundation for the generous funding of this study.

References

- 1.Green BN, Johnson CD, Haldeman S, Griffith E, Clay MB, Kane EJ, et al. A scoping review of biopsychosocial risk factors and co-morbidities for common spinal disorders. *PLoS ONE*. 2018;13(6):e0197987.
- 2.de Luca KE, Parkinson L, Haldeman S, Byles JE, Blyth F. The Relationship Between Spinal Pain and Comorbidity: A Cross-sectional Analysis of 579 Community-Dwelling, Older Australian Women. *J Manipulative Physiol Ther*. 2017;40(7):459-66.

Knowledge Hub leader recognized by Danish Association

The director of Denmark's Chiropractic Knowledge Hub, Dr Henrik Wulff Christensen, has been honored by the national association with the "Kiropraktorprisen", the Danish chiropractors' honorary award

The award, made at the Danish Chiropractic Association's annual meeting recognized Dr Christensen's outstanding work for the entire chiropractic profession as a researcher, chiropractor, originator and, not least, as director of the Chiropractic Knowledge Hub in Odense.



Henrik Wulff Christensen DC, MD, PhD

Under Henrik Wulff Christensen's leadership, the Chiropractic Knowledge Hub has developed into an internationally recognized research institution that ranks among the world's best in the field of back pain research. In addition, Henrik is responsible for Danish chiropractors' continuing professional education and the newly established quality unit.

Danish researcher named as world-leading spinal stenosis expert

Expertscape's latest ranking of experts in spinal stenosis ranks Rikke Krüger Jensen, Senior Researcher at the Chiropractic Knowledge Hub, and associate professor at the University of Southern Denmark ranks at an impressive 14th in the world out of more than 8,000 researchers in the field of spinal stenosis.

This places Rikke Krüger Jensen in the top 1% of leading researchers in spinal stenosis worldwide over the last 10 years. The ranking includes the title Expertscape Expert in spinal stenosis.

The ranking is based on Expertscape's PubMed algorithm i.e. the number of publications, which Dr Jensen has authored or co-authored during the last 10 years. The ranking in the top 1% of researchers focusing on spinal stenosis and the title Expertscape Expert is an impressive and well-deserved recognition of Dr Jensen's dedicated research effort in spinal stenosis.



Rikke Krüger Jensen

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CCRF signs innovative MoU with Canadian veterans

The Canadian Chiropractic Research Foundation (CCRF) has announced the signing of a Memorandum of Understanding (MOU) with the Chronic Pain Centre of Excellence for Canadian Veterans (CPCoE).

It is well documented that the Canadian Armed Forces and Canadian veterans suffer with nMSK-related chronic pain, disability and health problems at levels far beyond those of civilians. This creates a significant problem – not just for the government and armed forces but for individuals, families and communities.

Chiropractic treatment – as a non-invasive, non-pharmacological intervention – has been shown to help relieve and even reverse these conditions, yet hard, evidence-based data has proven more difficult to establish.

This novel agreement is one of the first MOUs initiated by CCRF's new Partnership Committee whose focus is to expand the footprint of chiropractic research and funding by developing high impact projects with organizations outside the chiropractic community.

The CCRF explains that the traditional way to tackle this would have been to develop a list of contacts from the networks of our volunteer leaders, determine which nMSK-related problems our contacts' organizations might have, identify a solution-based project then start approaching potential funders.

But for CCRF – dependant on a small staff and volunteer leaders – this would have meant that a viable project could have been years in the making.

A different kind of partnership

Instead, CCRF offered CPCoE an invitation to a different kind of partnership where both organizations commit to exploring solutions together.

"In its simplest form, an MOU is a commitment between organizations to work together," said Robert Harris, CCRF's Executive Director. "An MOU is an excellent way to establish trust, identify general assets, areas of expertise and ways in which each partner can add value to the process.

"It creates a pathway for in-depth collaborative research work (e.g., projects, white papers, co-developed grant applications, etc.) and broader collaborative work (e.g., ideation, links to other interested parties, care initiatives beyond research, government relations, etc.).

"At the same time, its informal nature provides flexibility for both organizations to adapt to changing conditions. The relationships built through the MOU leads to quicker, more efficient decision-making in the future".

Design Thinking

CCRF's decision to make MOUs the foundation of its partnerships was inspired by a concept called Design Thinking.

Design Thinking pushes up against natural tendencies to get straight to problem solving.

Design Thinking comes from the perspective that ideas sit at the intersection of feasibility, desirability and viability (organizations have the capability to produce them, people want them and they are financially possible to sustain).

(continued)

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Canadian
Chiropractic
Research
Foundation

CCRF signs MoU with Canadian veterans organization (continued)

When designing products or solutions, most organizations start with thinking about feasibility and viability – just like we did. Design thinking starts with desirability and listening without trying to solve problems immediately.

“By starting with the people we are designing for, the solutions we come up with are sure to meet their needs,” Mr. Harris explains.



There are an estimated 600,000 Canadian Armed Forces (CAF) Veterans

In the case of its MOU with the CPCoE, CCRF brings its deep experience in project identification/screening, grant/partnership development, policy compliance, marketing & promotion, knowledge transfer, governance, and researcher collaboration.

In turn, CPCoE brings expertise in Capacity Building and their ability to identify, assess, and promote new approaches, models, and best practices in pain care for Veterans.

“It is really a case of one plus one equals three,” added Mr. Harris, “where the value of the partnership is greater than the sum of its parts.”

Shift to focus on functioning sees new ICF schedule for LBP

Low back pain (LBP) constitutes the largest single cause of years lived with disability, accounting for 64 million years lived with disability annually. It is the leading contributor to the need for rehabilitation services, yet in many countries, more than 50 per cent of the population has no access to rehabilitation services at all.

Access to evidence-based rehabilitation for those suffering with LBP has been identified as a key priority. With a shift towards a biopsychosocial approach to the management of spinal disorders, an international research team has recently published the findings of preliminary work towards establishing a standardized assessment schedule focused on functioning in manual medicine [1].

Study authors included WFC Disability and Rehabilitation Committee Chair Richard Nicol as well as Professors Jan Hartvigsen and Pierre Côté.

Preparatory studies and a consensus conference took place, which looked specifically at the lived experiences of people with LBP. This led to a default set of essential categories for the assessment and documentation of functioning of manual medicine patients with LBP.

The work is the first step in making the International Classification of Functioning, Disability and Health (ICF) more practical for clinical work and research in manual medicine. The next step is to finalize the assessment toolbox.

Reference: [1] Selb M, Nicol R, Hartvigsen J, Segerer W, Côté P; ICF Manual Medicine Expert Group. An ICF-based assessment schedule to facilitate the assessment and reporting of functioning in manual medicine - low back pain as a case in point. *Disabil Rehabil.* 2021 Dec 17:1-10

Long term healthcare costs almost double for older cLBP patients using opioids versus SMT, research shows.

A recent study looking at the treatment of chronic low back pain in older adults has found that the long term healthcare costs in those prescribed opioids were 1.87 times higher than those undergoing spinal manipulative therapy SMT).

With a sample population of over 28,000 Medicare patients aged 65-84, around a quarter of patients (23%) received SMT.

The study [1], published in the

Journal of Physiological and Manipulative Therapeutics, found that, while the costs for the treatment of low back pain alone with opioids were significantly lower, the overall healthcare costs were much higher than for those Medicare recipients undergoing SMT.

The primary author of the study, Dr James Whedon was also recognized for his work at the WFC's 16th Biennial Congress,

where he and his team were awarded the Scott Haldeman Award for Outstanding Research for a study that compared prescription opioids with chiropractic care.

Reference: [1] Whedon JM, Kizhakkeveetil A, Toler A, MacKenzie TA, Lurie JD, Bezdjian S, Haldeman S, Hurwitz E, Coulter I. Long-Term Medicare Costs Associated With Opioid Analgesic Therapy vs Spinal Manipulative Therapy for Chronic Low Back Pain in a Cohort of Older Adults. *J Manipulative Physiol Ther*. 2021 Dec 5:S0161-4754(21)00106-8.

X-ray use by chiropractors remains in the spotlight amidst new study findings

A recent study, published in *Chiropractic and Manual Therapies* has concluded that diagnostic imaging did not result in better outcomes in patients with low back pain presenting for chiropractic care.

Using an observational study with a one year follow-up, an international team of researchers examined 2162 patients, around a quarter of whom had undergone diagnostic imaging. Patients aged under 18, those with previously identified pathology and those who had undergone related imaging previously were excluded. Methodology examined back pain intensity and disability at two weeks, three months and one year. Additionally, the global perceived effect and satisfaction with care were measured at two weeks.

Reported outcomes were of slightly higher back pain intensity and disability in the imaging group, although the findings were not thought to be clinically meaningful. No difference between the



X-ray use by chiropractors has been the subject of intense discussion in recent years.

groups was found for the other outcome measures.

Reference: [1] Jenkins HJ, Kongsted A, French SD, Jensen TS, Doktor K, Hartvigsen J, Hancock M. What are the effects of diagnostic imaging on clinical outcomes in patients with low back pain presenting for chiropractic care: a matched observational study. *Chiropr Man Therap*. 2021 Nov 23;29(1):46.



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Belgian chiropractors celebrate historic VAT victory

On December 22, 2021, authorities in Belgium finally published a long-awaited circular letter concerning the new law regarding value-added tax (VAT).

The circular provides explanation and interpretation of the new legislation and followed much discussion due to the implications for many health care professions, not just chiropractors.

The legal wrangling concerned two primary questions: (1) What are the criteria for VAT-exempted chiropractors? (2) Which interventions and patient encounters are considered therapeutic and hence VAT-exempted?

With support from their lawyer, Evelyne Maes, the Belgian Chiropractors' Union (BCU) was able to obtain the best possible outcome for chiropractors, such that, from January 1, 2022, all BCU members are deemed exempt from VAT and all patient encounters are considered therapeutic and thereby exempt from VAT.

Those chiropractors who are not members of the BCU (the WFC Member for Belgium and a member of the ECU) will be required to demonstrate evidence of qualification from an educational institution accredited by the European Council on Chiropractic Education or recognized by the Council on Chiropractic Education International.

The decision to exempt chiropractors in Belgium from VAT has been a battle that has lasted decades, with previous BCU Presidents Michel Fossé, Philippe Druart, Pierre Mercier and Thyl Dehameeuw working tirelessly to ensure that chiropractic remained VAT-exempt by means of a non-judicial administrative exemption.

In 2016, due to changes in the VAT laws, this exemption was at risk, such that the current BCU Council commenced legal action at the Constitutional Court. In 2017, the matter was referred to the European Court of Justice (ECJ), which delivered its ruling in 2019, followed by a



BCU President, Bart Vandendries

decision of the Constitutional Court.

While the VAT laws had been rewritten by the end of 2020, it took another year before the circular letter was completed.

BCU President, Bart Vandendries, commented, "From now on, health care provided by BCU chiropractors in Belgium will be regarded in the same way as other registered health care professionals. This is why we are optimistic that this historic legal decision is another step towards formal recognition for chiropractic in Belgium, which will protect patients and ensure that high standards of care are maintained."

The ECJ ruling potentially opens the door for chiropractors in other unregulated jurisdictions within the EU.

There are currently 129 BCU chiropractors in Belgium, which has a population of 11.5 million.

BCA prioritizes patient-centered care in major rebranding exercise



British
Chiropractic
Association

Europe's largest national chiropractic organization, the British Chiropractic Association (BCA), has launched a new brand and a determined commitment to focus on people-centered care.

The move follows a significant strategic project to identify the needs and priorities of members and patients with a goal of redefining the BCA and setting a trajectory for the future.

The project was the most far-reaching in the BCA's history. It was driven by a growing frustration, felt by members, at the lack of recognition shown to them by other health professionals and patients with regards to their skillsets and expertise, in the area of musculoskeletal expertise in particular.

Overcoming this frustration

required a far-reaching consultation and the need to ask truth-seeking questions of ourselves as a profession. Understanding the full spectrum of issues with all stakeholders was an important success factor for the project.

Our findings:

Members told the BCA they liked the services offered: insurance remained a key feature of their reason for membership with the association.

Members also said that they wanted to be respected, valued, appreciated and utilized within the wider healthcare community - in fact, it was their number one ambition.

They said that there were barriers to achieving this, and that these were based on a perceived lack of consistency

and credibility which was undermining trust from outside the profession. Members further reported that they wanted to help patients more.

At the same time, stakeholders in the healthcare world told us that variability was their top concern about chiropractic / chiropractors. While most (90%) had had good experience of chiropractic, around 40% had negative experiences. This lack of consistency raised significant concerns within the BCA.

Bad experiences overshadowing the good

The BCA found it encouraging that healthcare colleagues are hearing so many positive experiences about chiropractors, recognising the great work chiropractors do.

(continued)



9 in 10 MSK professionals regularly hear **positive stories** about chiropractic



4 in 10 MSK professionals regularly hear **negative stories** about chiropractic

BCA prioritizes patient-centered care in major rebranding exercise (continued)

The BCA concluded that the bad experiences heard, although few in number, served nevertheless to taint this. The found that this can largely be attributed to two things: a lack of understanding of the education, training and expertise of chiropractors, leading to unjustified and unqualified criticism; and the presence of poor performing chiropractors, unethical practice and financial exploitation for material gain.

The BCA's consultation highlighted that there are chiropractors who do not build their approach to care delivery in a way which places the patients' needs first. It was felt that while this applies to a small minority, the individuals concerned do the chiropractic profession a great disservice.

The BCA was firm in stating that it is no longer the association for those who are not patient-centered; it is here for the vast majority of the clinicians in the profession, many of whom are already BCA members, who do put patients first. By making such an unequivocal statement, the BCA now feels empowered to achieve everything it has sought for chiropractors.

The BCA is clearly stating that in being patient-centric, it is in every way comparable with other healthcare professions who put their patients first and over time expects this commitment to be



Infographic of new BCA repositioning

acknowledged, respected and welcomed into that wider nexus of patient-centric care that is the hallmark of the UK's healthcare services.

BCA President, Catherine Quinn, said: "Our new brand is the move which the profession has been seeking for years. It should come as no surprise because it was informed by our members. They identified that there was a gap in recognition and appreciation, and our stakeholders echoed this sentiment loud and clear. This new position is simply the bridge that will take us from where we are, to where we should be. Our message is simple – BCA chiropractors are here for their patients and

the BCA supports those chiropractors to progress and develop, at every step, to fulfil their calling, with honour and integrity".

Delivering the Mission

The BCA has set out four simple aims that inform its Vision and Mission:

1. Support every member to put patients first.
2. Deliver best-in-class member services.
3. Build credibility as evidence-informed, ethical, experts within the modern healthcare team.
4. Speak up for good practice across the profession.

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100 years of chiropractic in Norway - a celebration

The Norwegian Chiropractors' Association (NCA) has celebrated a very special anniversary with a record crowd of more than 350 Norwegian chiropractors at its biannual Professional Congress. Taking place in the city in Trondheim the congress took place over the last weekend in October 2021.

While the attendees were attracted by a magnificent program put on by its committee on continuing education, the event also celebrated one hundred (plus one) years of chiropractic in Norway.

To commemorate this special occasion, the NCA hosted a party in the style of the roaring 1920s, the time of the NCA's formation.

Amidst the sartorial elegance of headbands, feathered boas, pearl necklaces, "gangster" hats and braces, an exceptionally well-dressed group of chiropractors assembled for a memorable gala dinner. To ensure everyone was properly prepared to hit the dance floor, two dance instructors were on hand to teach everyone how to dance the Charleston. Once the music started, dancers raised the roof!

(continued)



Chiropractor and photographer Oistein Holm Haagenen captured the attendees of the NCA's centenary celebration

100 years of chiropractic in Norway - a celebration (continued)

The historic celebration was captured by chiropractor and outstanding photographer Øistein Holm Haagensen, who ushered all guests into the venue's lobby to record what is thought to be the largest ever group of Norwegian chiropractors captured on film.

As part of the centennial celebration, NCA Secretary General, Hans Otto Engvold,



Gala diner guests dance the Charleston

conducted extensive research into the early history of chiropractic in Norway.

His detailed investigation led to the exhibition of a number of posters featuring important historical events of chiropractic in Norway.

One of the facts uncovered was that of the very first four European students ever registered in 1906 at Palmer School of Chiropractic, two were Norwegian.

One poster was dedicated to the first chiropractor who started practicing in Norway in



Hans Otto Engvold undertook detailed investigation to produce magnificent posters that were exhibited at the congress

1920. More information, previously unknown and discovered in the archives, was showcased in the exhibition.

Two honorary NCA members and veteran chiropractors, Anfinn Kilvær and Georg Rasmussen, also prepared a richly illustrated booklet to celebrate the centenary. The anniversary publication, **"100 years of chiropractic in Norway"**, was distributed to attendees at the congress. Dr Kilvær delivered a lecture outlining the highlights and significant events of the NCA's history, with a copy of the booklet distributed to those present.

Philippines ministry promotes holistic health and wellness

Celebrating its thirteenth consecutive event, the Philippine Institute of Traditional and Alternative Healthcare (PITAHC), Department of Health hosted its annual TAHC Congress last November 29-30 with the theme "Traditional and Complementary Medicine: Promoting Holistic Health and Wellness".

The 2-day virtual congress was attended by over 190 participants coming from different fields of Acupuncture, Naturopathy, Chiropractic, Osteopathy, Homeopathy, and Traditional Filipino Medicine.

Once again, the Association of Professional Chiropractors of the Philippines (APCP) was tasked with hosting a 2-hour breakout session

treatment algorithms and rationale for chiropractors' management or co-management with dentists of cases of TMD.

The second speaker was Dr. Donald McDowall, Ph.D. His presentation focused on DD Palmer and the concept of neurological tone and its surrogates in modern medicine.

The presentations were followed by comments from the assigned reactor for both presentations, Dr. Martin Camara, APCP's President.

Dr. Camara highlighted that both presentations offered insightful and remarkable information that would sharpen their clinical skills in dealing with TMD, upper cervical-fascial conditions and head pain, as well as enhancing chiropractors' appreciation of philosophy by better understanding the concepts of DD Palmer and neurological tone.

During the APCP's General Assembly, various members updated the chiropractic community on how to manage and operate within the COVID-19 alert levels released by the Philippines government and their possible implications on chiropractic practice.

The breakout session ended with a call to membership and final remarks from the APCP President.



Virtual General Assembly of the APCP

on the first day, which also served as the association's General Assembly for 2021. The association invited two international speakers to provide lectures during the session.

The first speaker was Dr. Scott Cuthbert. His presentation focused on the diagnosis of temporomandibular disorders (TMD) and its underlying neuromuscular etiology. His presentation was of great relevance to chiropractic physicians in their daily management of head, neck, and jaw pain patients. His presentation also discussed



The meeting was hosted by the Philippine Institute of Traditional and Complementary Healthcare (PITAHC)

French partnership sees AFC provide MSK services to police

A groundbreaking partnership between the Association Française de Chiropraxie and a mutual society representing security forces in France has reported high levels of success and satisfaction.

This initiative is part of a campaign to prevent musculoskeletal disorders (MSDs) among police officers and prison administration staff.

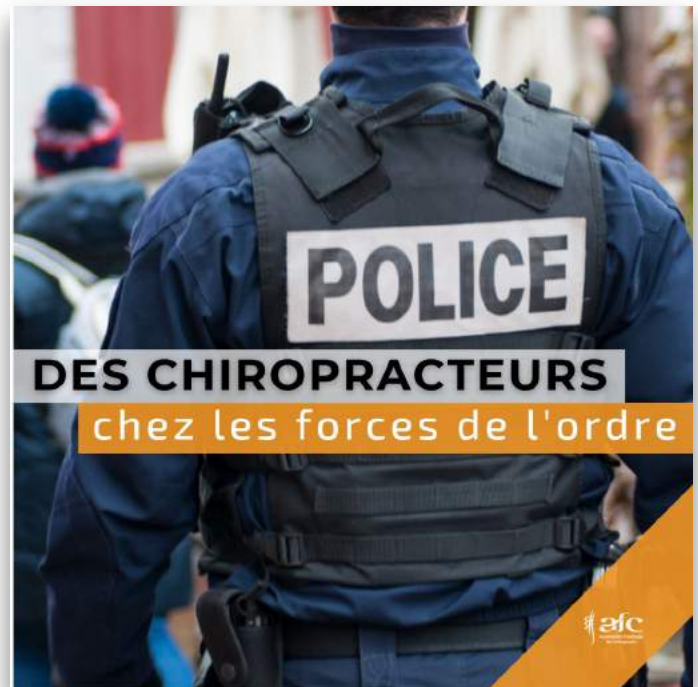
Among the chiropractors participating in the project was AFC chiropractor, Julien Bergos, who has volunteered with the security forces through the partnership between the (AFC) and La Mutuelle des Forces de Sécurité (MGP).



Julien Bergos

Dr Bergos commented, "I was delighted to share the benefits of chiropractic to those security professionals whose bodies are sometimes abused by jobs they do. I am also proud to support the forces who maintain public order and staff our prisons."

Organized by the MGP in police training establishments and police stations, a number of workshops have already taken place, with more to



The scheme has a high level of satisfaction

follow. In total, more than a hundred police officers, in training or in exercise, have been able to benefit from the advice of AFC volunteer chiropractors.

Julien Bergos explains that his work enabled officers to become aware of factors that could place stress on their bodies. During the sessions, preventative solutions were offered.

The workshops, each lasting between 30 and 60 minutes included advice on work posture, rehabilitation exercises and stretching.

Feedback to date has been positive. Officers reported that interventions offered by chiropractors were well aligned with their needs, with advice found to be appropriate and beneficial. Early data, produced by the MGP, showed a satisfaction rate of 91%.

World Spine Care mourns passing of supporter Tutu

At the end of 2021, the world mourned the passing of Archbishop Desmond Tutu. Recognized as one of the world's greatest humanitarians, Archbishop Tutu joined the Advisory Board of World Spine Care (WSC) shortly after it was established and was a strong advocate of its vision and mission to provide evidence-based, sustainable spine care in low income communities.

Speaking in support of WSC, Archbishop Tutu said, "I support the goal of World Spine Care to enable effective spine care, one village at a time, for the hundreds of millions of people around the world who suffer from spinal problems and have no access to treatment.

To view a video of Archbishop Tutu speaking about World Spine Care, [click here](#).



WSC Board Member Geoff Outerbridge with Archbishop Tutu

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wfc.org



World Spine Care - quarterly update

World Spine Care opened its first clinic at the Mahalapye District Hospital in Botswana in November 2011. Since then, six more clinics in four countries (Botswana, the Dominican



World Spine Care patients participate in a yoga class on a hillside in Botswana to celebrate World Spine Day

Republic, Ghana, and India), have been opened. Here, 60+ volunteers have provided over 50,000 patient visits in underserved communities.

In June 2021, World Spine Care opened its newest clinic in Gaborone, Botswana. Clinical Coordinator Dr. Mufudzi Chihambakwe has been busy building a community around the Broadhurst 3 clinic. To celebrate World Spine Day, he held a spinal health awareness campaign at the Gaborone District Health Management Team, part of the Ministry of Health and Wellness. Later that day, patients and community members came together for a hike and yoga class on a hillside overlooking the city of Gaborone.

Reflecting on the recent successes in Botswana, Dr. Chihambakwe said, "The momentum of this clinic continues to build, and we are slowly finding our lane in the healthcare pathways of the city."

In November, the Université du Québec à Trois-Rivières announced funding for the next phase of the Global Spine Care Initiative (GSCI). The grant, which amounts to \$195,000 over two

years, will be used for a project in Pimicikamak (Cross Lake First Nation), Manitoba, Canada.

"What we are proposing in Pimicikamak is for the chiropractor to make the first contact, perform triage, and provide primary care tailored to patient needs on a weekly basis in the community," explains Dr. André Bussi res, who will lead phases 2 and 3 of the project.

World Spine Care convened the GSCI to reduce the global burden of disability by bringing together leading healthcare providers, specialists, researchers, scientists, government agencies, and other stakeholders. It aims to transform the delivery of spine care and advance its vision of a world in which everyone has access to the highest quality spine care possible.

Meanwhile, in India the World Spine Care clinic, in partnership with the Mahatma Gandhi Mission Institute of Health Sciences, has resumed patient care after temporary closure during the coronavirus outbreak.

The program has also received approval for a part-time position for a PhD student. The selected candidate will focus on musculoskeletal research.

Over the past ten years, World Spine Care has pursued its mission to improve lives in underserved communities. They have been able to achieve this because of chiropractors' understanding of the urgent need to provide sustainable, integrated, evidence-based spine care to the people most in need.

Are you interested in expanding your reach as a chiropractor? Apply for the role of Clinic Supervisor at our clinic in Moca, Dominican Republic. This role has a flexible start date in the first quarter of 2022. Review the qualifications and apply on our website.



UQTR professor receives 2021 ACA Pediatric Chiropractor of the Year award

A Canadian academic has been awarded the 2021 American Chiropractic Association (ACA) Pediatric Chiropractor of the Year Award.

Dr Chantale Doucet, an associate professor at the University of Quebec at Trois Rivières, was named in recognition of her exceptional leadership, service and achievement in the field of pediatric chiropractic.

Dr Doucet holds the dual function of being the director of a new graduate interdisciplinary breastfeeding program as well as the pedagogical head of the university's chiropractic clinic.

As well as overseeing the clinic entrance OSCE examination at UQTR, Dr Doucet teaches pediatrics, obstetrics and female care, with an emphasis on musculoskeletal disorders.

In addition to her chiropractic training, Dr Doucet holds a Diplomate in Clinical Chiropractic Pediatrics



Chantale Doucet



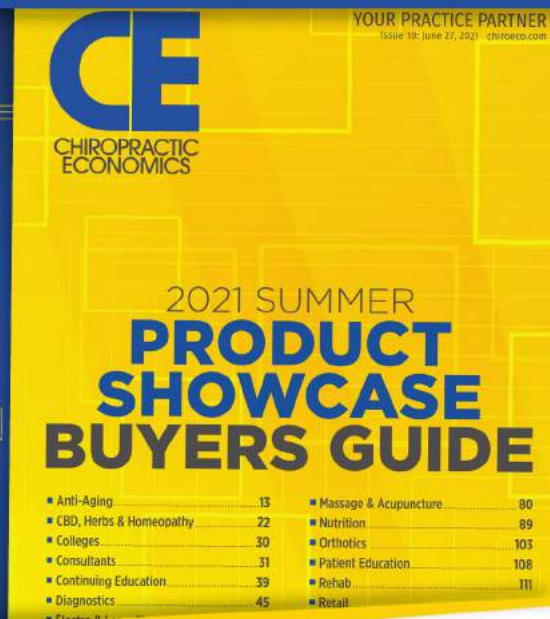
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(DICCP), a Masters degree in clinical sciences from the Faculty of Medicine at the University of Sherbrooke and certification in Principles and Practice of Clinical Research (PPCR). She serves as a junior teaching assistant on the PPCR program at Harvard T.H. Chan School of Public Health.

Dr Doucet has authored a number of publications related to women's health and chiropractic pediatrics. She dedicates time to advanced training in pedagogy in health sciences and is involved in clinical faculty development and continuing education.

The ACA Council on Chiropractic Pediatrics was established in 2005 .



DEAR DOCTOR OF CHIROPRACTIC,

You are essential to the health care of America. Your patients count on you to help them through this difficult time, as do your family and friends. If you're a business owner your employees are counting on you also.

In pre-pandemic times there was less to worry about and it was easier to find mental escapes and downtime. Now we're trying to create that new normal as a society, trying to make it look as close to the old normal we can, for both doctors of chiropractic and their patients.

WE'RE IN IT TOGETHER

Last year we told the story of the two young chiropractors who 30 years ago attained their DC degrees, both near the top of the same graduating class and full of enthusiasm to enter chiropractic care. When they returned for their 30-year reunion, both were married with family and had stayed in touch over the years. But while one worked in a multi-doctor practice, the other had founded his own multi-location practice and as CEO was contemplating an early retirement.

THE DIFFERENCE?

How and why did the two DC's paths diverge? Both sought success. Both were near the top of their class in school. Both entered the field with enthusiasm. The difference-maker was the **business** of chiropractic – learning the economics of the industry. The eventual CEO subscribed to **Chiropractic Economics** and gained the knowledge to take his practice to the next level.

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Sincerely,

Richard Vach
Editor-in-Chief

SCAN TO SUBSCRIBE



F4CP concludes 2021 with strongest ever consumer engagement and awareness

by Sherry McAllister, DC, president, Foundation for Chiropractic Progress



Sherry McAllister, President, F4CP

A main driver for the increased consumer awareness this past year was strongly due to the highly viewed 30-second chiropractic TV commercial, which aired 25 times on *NBC Networks* during the Summer Olympics and reached over 209 million viewers in 58 countries.

The commercial, titled “I Know Pain,” featured past Olympian, now doctor of chiropractic (DC), Dr. Erica Witter-Davis, and her story of competing in the 2000 Sydney Olympics and how it led her to become a DC. To watch/download the commercial, [click here](#).

New Podcast

Another initiative launched in 2021 was the F4CP’s podcast, [Adjusted Reality](#). The podcast

covers not only chiropractic, but all the physical and mental health elements needed to live a strong, healthy and vibrant life. Closing out the year with 20 episodes, the podcast received over 30k downloads and has listeners in 30 countries to date.

Media Coverage for Chiropractic

The F4CP garnered 33 articles that appeared in both consumer and industry trade publications, which reached a potential 27 million. The proactive outreach secured placements in outlets, such as *Babyboomers.com*, *Thrive Global*, *The Self-Insurer* and more.

Awards Won

F4CP’s Olympic commercial won four awards in 2021: it was a Gold Winner in The Telly Awards’ General Not-For-Profit Online Commercial category; it also won a Gold from the prestigious Viddy Awards, bronze in the *Fall* Digital Health Awards competition and a *PR Daily* Communications Nonprofit Award.

Adjusted Reality also won a bronze in the *Spring* Digital Health Awards competition, chosen from more than 700 entries judged by a panel of distinguished experts from AARP, American Medical Association, American University, Optum and WebMD, to name a few.



ACA's Engage 2022 continues in person and virtually

The American Chiropractic Association (ACA) is excited to bring together chiropractors from across the United States for its annual meeting, ACA Engage. Join us in person for Engage 2022, taking place Feb. 2-5 in Washington, D.C. The event will feature advocacy and leadership-development opportunities, as well as presentations by chiropractic thought leaders and other experts. Education sessions will cover topics such as integrated care, collaboration, and chiropractic leadership. Doctors, students and industry leaders from all over the country will gather to network and learn, and the ACA House of Delegates will hold the annual business meeting. The conference will also feature virtual opportunities for participation.

Learn more at acatoday.org/engage.

ACA's virtual opportunities continue to expand, with Learn ACA introducing a subscription model at the start of 2022. This new service follows a redesign of the ACA website, acatoday.org. The site's new look and improved navigation provide a more personalized experience for members and allow everyone better access to important information about the chiropractic profession.

On Feb. 24, chiropractic advocates across the U.S. will convene virtually for ACA's Day on the Hill. ACA members will meet with their congressional representatives throughout the day. The focus of ACA's advocacy efforts is The Chiropractic Medicare Coverage

Modernization Act (H.R. 2654). The bill would ensure that America's seniors and other Medicare beneficiaries have access to all Medicare-covered services that DCs are licensed by their state to provide. Since its reintroduction in the House of Representatives in April 2021, H.R. 2654 had gained 104 cosponsors from 36 states as of December 1. More information about the bill is available at www.HR2654.org. Participation in this annual lobbying event is open to all ACA members. Visit acatoday.org/advocacy for details and registration information.



Clinician, researcher and podcaster honored by OSCA

Dean Smith, DC, PhD of Eaton, Ohio, USA has been awarded the 2021 Ohio State Chiropractic Association's (OSCA) Chiropractor of the Year Award.

"Dr. Smith has not only combined his passion for chiropractic, education and research into a positive career, he has also impacted

students, peers and the OSCA along the way," noted the OSCA. "As the host of a podcast on chiropractic science and research, part of his mission is to get the word out about chiropractic to the masses including chiropractors, other healthcare professionals, and patients."



Dean Smith (R) has been named Ohio State Chiropractic Association's Chiropractor of the Year

ICRS forum focuses on measuring effectiveness of regulation

The International Chiropractic Regulatory Forum (ICRS) recently held another online forum, moderated by Chair, Dr Wayne Minter.

Guest presenters were Mr Nick Jones, Chief Executive and Registrar of the United Kingdom's General Chiropractic Council, and Dr Philippe Larivière, Chair of the Federation of Canadian Chiropractic.

While acknowledging the importance of measuring benchmarks such as the speed of processing applications for licensure or registration, frequency of reporting violations, inclusion of stakeholders, financial management, and regulatory responsiveness to social justice concerns, the presenters concluded that the issue of measuring effectiveness is far more complex.

Speakers agreed that transparency and fairness are paramount characteristics of effective regulatory authorities. The challenges of being a



solid, consistent agency and one that is nimble and responsive to unplanned events such as the pandemic or media reports regarding registrants were acknowledged.

Mr Jones emphasized the importance of understanding the accountability necessary both up and down the chain of authority.

Dr Larivière stressed that a single analysis of a system component is never sufficient. Rather, the tools themselves must be continually reviewed and refined, while still maintaining enough core consistency to discern trends over time.

Speakers noted that requirements must also continually adapt in light of graduates who are far more mobile than registrants years ago. This international portability has resulted in a need for greater flexibility in the licensure / registration process for treating athletes, teaching, helping during disasters, or more permanent relocation when new practice opportunities arise.

Both noted that regulators have to be both tough and steady about fair and consistent enforcement while also being flexible and compassionate. Additionally, effective regulation requires the ability to anticipate future needs and modify systems now to meet demands as yet undefined.

The team concurred that there are no simple metrics that define effective chiropractic regulation. Rather, it is an ever-evolving process. Willingness to assess and continually reassess the many gears in the regulatory machine are the best predictors of regulatory effectiveness.

Zoom-based ICRS Forums are open to all at no charge. To join the mailing list or for more information about international regulation, please visit www.chioregulation.org.



Wayne Minter, Chair, ICRS

Christensen named new president of Danish association

Michael Christensen has been elected unopposed as president of the Danish Chiropractors Association (DCA).

At the DCA General Assembly, held in November members supported Dr Christensen's nomination as the new president.

Michael Christensen takes over from Lone Kousgaard Jørgensen, who served a maximum term of 8 years in office.

Speaking ahead of his appointment, Dr Christensen said, "The Danish Chiropractors' Association must be a major factor in Danish health policy. We must dare more, want more and do more! We must be more offensive politically and in the media and we must not be afraid of being criticized or accused of being incapable."

Michael Christensen is 41 years old and has been a member of the board of the Danish Chiropractors' Association since 2013, of which



Michael Christensen

the last 6 years as vice president.

Michael Christensen owns a clinic in Silkeborg, Denmark. Privately, Michael is married to Lisbet Due Christensen, who is also a chiropractor. Together they have 2 children.

In-person Danish AGM proves huge success



The DCA's Annual General Meeting was held in Odense

Held just a few meters from the childhood home of author Hans Christian Andersen in Odense, this year's "Fagligt Årsmøde" (Annual Professional Meeting) set a record with 745 chiropractors taking part and a new chapter was written in the fairy-tale story of chiropractic in Denmark.

Danish chiropractors meet annually, alternating between the Annual Professional Congress (Faglig Kongres) and the Annual General Meeting. With the 2020 Annual Professional Congress

(continued)

In-person Danish AGM proves huge success (continued)

being cancelled due to the pandemic, this was the first meeting in two years. As a result, organizers decided to extend the 2021 AGM to a two-day event with continued professional development resulting a hybrid "Fagligt Årsmøde".

After two years with Covid-19 and many cancelled meetings, organizers were delighted to see that the chiropractic community was thrilled to be meeting in person professionally and socially once again.

The DCA reports that the "Fagligt Årsmøde" was a huge success in every way, with a record number of attendees participating. The sense of camaraderie was overwhelming, with great enthusiasm for both work and play, highlighted at a glittering gala ball on the final night. Feedback has been extremely positive about all facets of the meeting.

In addition to meeting and expanding professional knowledge, the meeting also serves as a forum for the discussion of major political issues. It is increasingly recognized that for the profession to continue to advance, it must do more than just pat itself on the back.

"We must not be afraid to listen to what others think of us and what role they see for chiropractors in the Danish health service", said Michael Christensen.

Camilla Rathcke, President of the Danish Medical Association, opened the event and welcomed the participants. She delivered a strong message of increased cooperation between chiropractors and physicians:

"We very much appreciate your contribution to the reduction of social inequality in the health services. Your efforts make it possible for many people to return to work and you help others to stay there longer. I hope that we will see even closer collaboration between our associations and

our members in the future. This will benefit our patients," said Camilla Rathcke during her opening remarks.

A new feature this year was "Take That Seat", where several researchers, and politicians including the Managing Director of the Danish Health Authority, Søren Brostrøm, were invited to participate in a debate about the chiropractors' future position in the Danish health service

Søren Brostrøm, arguably the most important voice in the health debate in Denmark, was clear in his view of the Danish chiropractors. He said

"You have managed to position yourselves in the Danish health service. You have a strong academic tradition, which is respected internationally. Research is celebrated on an international scale. You have also created a strong professional environment, illustrated by the creation of a very solid framework for discussion and the development of competences.

"When I view the health landscape in its entirety, these are all characteristics that tell me that you have a strong position and something to offer. And that is what I need in my position as a health authority."



Over 700 chiropractors attended the DCA's meeting

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Chiropractors to have greater legislative influence in Hong Kong

On 19 December 2021, the 2021 Legislative Council elections took place for the 7th Legislative Council of Hong Kong.

Under the drastic Beijing-imposed electoral overhaul, the total number of seats was increased from 70 to 90 seats, with the trade-based indirectly elected functional constituencies staying at 30, and the additional 40 seats being elected by the 1,500-member Election Committee.

The Medical functional constituency, first created in 1985, was combined with Health Services into the Medical and Health Services functional constituency. Electors have been reformed from all MDs and dentists, to all healthcare practitioners, including chiropractors.

This is the first time chiropractors have a say in the election. Dr Valerie Chu, chairperson of Hong Kong Chiropractic Council and Treasurer of Chiropractic Doctors Association of Hong Kong (CDAHK), was selected as one of the 2021 Election Committees for the Medical and Health Services Subsector, and was thereby eligible to nominate the candidate of Legislative Council.

Regrettably, candidate Dr Eric Chu, who serves as chairperson of the Chiropractic Doctors



Association of Hong Kong, lost out by a single vote.

However, many of the candidates of Legislative Council are now actively seeking support from chiropractors, who are seen to have great influence in the allied health community which can in turn influence policies favoring paramedical support.

Dr Valerie Chu actively attended government and election events. She proposed pro-chiropractic policy to the successful candidate, and directed political leaders in the healthcare eco-system.

Quinn elected BCA President for historic third term

Catherine Quinn has been elected president of the British Chiropractic Association for an historic third term. She is the first president in the

association's 97 year history to have been re-elected twice, securing more than 75% of the vote to cement her position as the association's longest

serving president. A graduate of AECC University College, Dr Quinn practices in Bristol, UK and has a specialist interest in sports chiropractic.



Catherine Quinn

Daniel Facchini elected president of ABQ

Dr Daniel Facchin (pictured right) has been elected president of the Associação Brasileira de Quiropraxia (ABQ).

Dr Facchini has for many years served as the ABQ's Director of Academic Affairs and is well known internationally.

Speaking after the elections, Dr Facchini said, "I am very thankful for the opportunity to have the greatest partners

walking the same path alongside me, and guiding me through it! We have put together a board of directors that I'm very proud of! And by their side I shall do my best so that ABQ represents gloriously the chiropractic profession in Brazil."

Dr Facchini takes over from outgoing president, Roberto Bleier. The WFC congratulates Dr Facchini on his appointment.



New president for Australian Chiropractors Association

David Cahill has replaced Anthony Coxon as President of the Australian Chiropractors Association (ACA).

Dr Cahill qualified as a chiropractor in 1991 and practices in Melbourne, Victoria. He is a past president of the Australian Spinal Research Foundation.

The ACA is the largest chiropractic association in the WFC Pacific region and represents the majority of practicing chiropractors in Australia. It has over 3000 members.

The WFC is partnering with the ACA to host the 17th WFC Biennial Congress, which will be held October 11-14, 2023 in Gold Coast, Australia.



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