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Bringing everyone to the table

There is a scene in the movie Braveheart where William Wallace says it is time to “unite the clans”.

In chiropractic, it can be said that we have many clans. Those who went to this or that school; those who practice this or that technique; those who believe in a certain terminology. Many see this diversity within the profession as a detriment to our progress.

I see it as an opportunity. It is the diversity within our profession that makes us strong. When it comes to detriment, our weakness arises from individual egos, not differences of opinion.

At the recent WFC ACC Education Conference, held at Logan University, I had the privilege of spending time with leaders from around the world. Seeing everyone come together for the advancement of chiropractic education, it was clear that diversity of approach was not a barrier to progress. The ability to disagree without being disagreeable helps the profession to grow and marks a huge step forward for our profession. Everyone I spoke with had one aim in view - to advance the profession. The key? To bring everyone to the table.

At its Annual Meeting of Members, the WFC recently admitted Pakistan as its 94th member. We now see one more country represented at the WFC table as part of our community of members, benefiting from the combined strength of the profession around the globe. Advancement will see more seats being created for national associations for those who share our mission and vision.

In addition to members, we also welcome those individual supporters and those from the world of business and education who wish to contribute to the development of chiropractic globally.

In my last message, I referred to the WFC’s work to support chiropractic on the continent of Africa. By way of update, both Logan University and Cleveland Chiropractic University have offered to support initiatives to boost the chiropractic workforce in the region by way of student scholarships. To help encourage these students to return to their native countries, I have received informal commitments from corporate sponsors to help in establishing graduates in their home countries.

We recognize that it is most important to expand the number of educational programs in Africa if we are to ensure sustainability. We are in dialogue with the African Chiropractic Federation and leaders from our African WFC members with a view to exploring potential venues for the establishing of chiropractic programs. This involves high level talks with political leaders to demonstrate the need and feasibility of how such programs will be delivered.

Part of this initiative will involve attending the African Chiropractic Federation meeting in Rwanda in June and offering whatever support we can to the local association, as well as to the wider region.

I am mindful that one of our strategic pillars is
empowerment. It is not the role of the WFC to impose itself on members but to make available resources and expertise that members can call upon as they develop the profession in their respective countries.

The WFC is not the arbiter of how chiropractic should be practiced from one country to the next. While we consistently advocate for high standards of education and conduct, we recognize that cultural differences and the social determinants of health mean that of necessity chiropractic will not be practiced identically from one country to the other. Differing legal status also means that the practice of chiropractic will contrast dramatically from one jurisdiction to the other.

Despite these differences, the profession has never been better positioned to promote the benefits that are provided to millions around the world each year.

Setting aside entrenched differences and expressing a willingness to come to the table to engage in constructive dialogue is what is needed from all. The WFC has always served as a forum for discussion, coming together, identifying areas of common ground and realizing our vision of a world where all people, of all ages, in all nations may enjoy access to chiropractic so that populations may thrive and reach their full potential.

This is an exciting year for the WFC. I hope as many of you as possible are planning to attend our 17th WFC Biennial Congress in Gold Coast Australia in October, where we shall convene and celebrate the profession.

As I close, I would like to take this opportunity to wish everyone a happy, healthy and successful 2023. JM

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**OUR PEOPLE**

**WFC BOARD OF DIRECTORS (2022-24)**

- John Maltby (President)
- Kendrah Da Silva (Vice President)
- Ryan Coster (Secretary-Treasurer)
- Kei Takeyachi
- Efstathios Papadopoulos
- Gian Joerger
- Jakob Lothe
- Carlos Ayres
- Glenn Guilderson
- Dana Lawrence
- John Maltby
- Holly Tucker
- Andrew Lawrence
- Corrian Poelsma

- North American Region
- African Region
- North American Region
- Asian Region
- Eastern Mediterranean Region
- European Region
- Latin American Region
- North American Region
- North American Region
- North American Region
- Pacific Region

**RESEARCH COMMITTEE**

- Sidney Rubinstein DC, PhD (Chair) Netherlands

**PUBLIC HEALTH COMMITTEE**

- Claire Johnson DC, MSED, PhD (Chair) USA

**DISABILITY & REHABILITATION COMMITTEE**

- Position currently vacant

**SECRETARIAT**

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Consistency and the triad of trust

The themes of the recent WFC ACC Education Conference were leveling up and creating consistency in the chiropractic profession.

Leveling up is critical as we seek to advance as a profession. While a lofty goal, ensuring equity and equality of opportunity for those aspiring to enter chiropractic education is one which we must continue to champion. Until such time as the membership of the global chiropractic profession resembles the communities it seeks to serve, we will never be able to truly celebrate diversity of representation, nor are we likely to succeed in the WFC’s vision, a world where all people, of all ages, in all nations enjoy access to chiropractic services so that populations may thrive and reach their full potential.

Some may question why it is that consistency is so important in health professions education. After all, is diversity in teaching and learning not to be celebrated?

The answer is yes, but when it comes to assuring public confidence and ensuring that core competencies are omnipresent, consistency of outcomes is critical.

Inconsistency makes people feel uneasy. It results in a loss of confidence. It leads to a loss of trust and makes people question whether they can rely on a product or service.

Let’s take air travel. Walking across a jet bridge into a metal tube that is going to take you up to 38,000 feet and propel you at over 500 miles per hour has to be one of the biggest leaps of faith that a human can take. We literally trust our lives to the manufacturers who build these metal tubes, engineers who maintain them and pilots who fly them.

Yet as we all know, regardless of which airline we choose, there are consistent elements with every component of air travel. Cockpit checklists, safety video content, procedures for take off and landing - we become so familiar with them that we can almost recite them.

What is it that consistency creates? First of all, it is an assurance of safety. We see these routines being played out time and time again and understand they are being done because they are tried and tested methods of reducing the risks of failure and harm.

The second thing that these routines create is confidence. Confidence that regardless of which airline we choose, these routines are consistent to all and are constants throughout the whole airline industry.

The third factor is trust. There is nothing sexy about consistency and these unvarying protocols do not take us to the edge of our seats. But even the most unconventional of us value consistency over anything else in many parts of our lives.

Ask any sporting champion. They will all say that consistency - in their training, in their attitudes and behaviors, in their diet - is fundamental to their success. A frequently used quote states, "If you want to be taken seriously, be consistent."
Consistency and the triad of trust (continued)

Let's turn back to consistency in chiropractic education. We all agree that patients are our reason for being as chiropractors and that everything begins and ends with patients. Meeting their expectations is therefore of paramount importance.

We are constantly being tried in the court of public opinion. It is the public, whose expectations are formed by context, culture and the social determinants of health, who set the expectations against which we are measured. They invariably include consistency, high standards of education and training, and a culture of honesty, trustworthiness and integrity. The degree to which we meet these expectations determines the credibility of where we sit as a profession.

The second factor in our triad of trust is professionalism. Unsurprisingly, the public expects chiropractors to act professionally. Professionalism is a key component of the triad of trust and there is an expectation that chiropractors should be trustworthy and behave ethically.

The third part of our triad is partnerships. There is no doubt that (thankfully) the era of siloed professions and siloed specialties in healthcare is coming to an end. Patients are demanding joined-up care and this means professionals in different disciplines talking to each other. As a profession, we must actively seek out partnerships and, once established, we must nurture them to ensure healthy growth and sustainability.

As chiropractic education continues to evolve - and we are at such an exciting time of unprecedented opportunity - I urge all involved in teaching and learning to commit to consistency in meeting public expectations through an unwavering focus on patients, professionalism and partnerships.

Our conference in St Louis was a resounding success because educators from around the world came together and shared ideas, thoughts and beliefs. Consistency will be the glue that cements credibility and helps us all to advance together. RB
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News from the Boardroom

The Board of Directors of the WFC met on November 15, 2022 for its fourth quarter meeting.

The Board approved the minutes of the in-person meeting, held online on August 15, 2022. It noted that the position statement on professional standards had been published on the WFC website.

The Board was advised of the outcomes of World Spine Day, the theme of which was Every Spine Counts. A positive response was expected in respect of the WFC World Spine Day competition.

The Board received a report on the WFC ACC Education Conference, held November 2-5 at Logan University. The President had been in attendance at the conference and spoke positively of the feedback he had received from delegates.

Outcomes of a meeting with representatives from the National Board of Chiropractic Examiners were reported. This related to the design and construction of an international test of competence aimed at self regulating chiropractic organizations where the profession was not subject to statutory regulation.

The Board was advised about a resolution signed between the WFC and the Foundation for Chiropractic Progress (F4CP), designating October 2022 Global chiropractic Awareness Month. The President reported his engagement in an F4CP 'Chirothon' event.

The Board was informed about plans for the WFC to be represented at the AGM of the African Chiropractic Federation in June 2023 in Kigali, Rwanda.

The Secretary-General presented a report of his activities since the date of the last meeting and entertained questions from the Board.

Regional updates were provided by Directors. This included potentially illegal activity from unregistered individuals in the Eastern Mediterranean region and protection of title issues in Latin America.

The Board received a copy of an updated risk register and it was noted that there were no imminent or long term risks to the stability of the organization.

Directors were provided with an update of the financial status of the WFC for the year to date and noted that with two months of reporting to go, there were no issues requiring urgent attention. The Board also approved a draft budget presented to it with the approval of the Finance Committee.

The Board was updated on committee activity and unanimously approved the appointment of Katherine Pohlmans as WFC Research Committee Chair.

An update on meeting and event planning was provided.

The next meeting of the Board will take place on February 14, 2023.

Upcoming events

18th Biennial WFC Congress, October 11-14, 2023, Gold Coast, Australia

12th WFC Chiropractic Education Conference, October 30 - November 2, 2024, Kuala Lumpur, Malaysia

19th Biennial WFC Congress, May 7-10, 2025, Copenhagen, Denmark
Pakistan Chiropractic Association becomes newest member of WFC

Dr Amnah Bhatti Daniyal speaks to the WFC about how it feels to join the WFC's global community of members

The national chiropractic association of Pakistan has been admitted into full membership of the WFC.

At the Annual Meeting of Members, held November 22, 2022, delegates voted unanimously to support the application for membership submitted by the Pakistan Chiropractic Association.

The association becomes a member of the WFC Asia region, which takes the regional membership to a total of 12 members.

The PCA's President is Dr Amnah Bhatti, a Karachi-based chiropractic physician who has been practicing in Pakistan's largest city since 2003. Dr Bhatti is a 2001 graduate of Palmer College of Chiropractic. She says,

"I started working in Pakistan in 2003. Over the past 20 years, I have had the privilege of providing chiropractic care to the men, women and children of this amazing country. Pakistani people, with their patience, love and resilience, are the reason why I love working here."

Asked how she felt about the PCA joining the WFC, she commented, "Family is an integral part of Pakistani society. In our culture, we have very close-knit bonds, not just with our immediate relatives but also with our extended family."

"To belong to an extended chiropractic family around the globe, which shares the same passion as us for chiropractic, is everything."

"The sense of belonging and dedication was evident in the very first meeting I had with the WFC. Every participant is fully committed to their roles and responsibilities for the countries they represent. They are also acutely aware of the challenges that chiropractic is facing in other nations."

"The warmth and compassion were comforting,
Pakistan becomes newest member of WFC (continued)

but it was the resilience in the face of adversity faced by some of the members during the COVID-19 pandemic that truly moved me."

Pakistan is a nation of contrasting socioeconomic status. This, says Dr Bhatti-Daniyal, is reflected in the challenges that the population face from a neuromusculoskeletal perspective.

"In Pakistan, patients often have an overwhelming fear of not knowing why they’re in pain and why they have to live with the pain.

"There is also a perception that the pain they experience is the disease - this fear frequently results in long-term dependency on and abuse of painkillers, heightened anxiety and an increased loss of focus on day-to-day functioning. It’s like going through life in a painful fog where the overwhelming symptom in their brain is pain.

"On the flip side, others have a freeze-or-fawn approach to their issues, with adaptations they have made to their subluxated spines against a backdrop of chronic pain. They put on a brave front against a monster they're having to live with each and every day."

Understanding of these scenarios helps Dr Bhatti-Daniyal formulate a care strategy.

"If patients are given the know-how on how to approach their health, the insurmountability of the challenge converts into achievable goals. Accurate diagnosis of issues surrounding their dis-ease, concrete resolution through chiropractic and a healing deadline that is then transitioned into maintenance healthcare builds trust.

"In addition to this, a chiropractor’s responsibility is to tweak daily lifestyle activities, break old dysfunctional attitudes and beliefs, and establish new better musculoskeletal habits. What I noticed early on in my career was that it was challenging for people to understand the importance of functioning and functionality. I am now seeing a trend away from reliance on medication and a move towards self-empowerment. Similarly, preventative care is was also becoming more commonplace, with spinal screening and patient education helping people to understand why they should not wait until they're in pain to get adjusted."

Pakistan is a country of 243m people, making it the fifth most populous country in the world. Its land area is approximately equal to the size of France and the United Kingdom combined. It is a nation prone to natural disasters and is currently recovering from devastating floods which occurred during 2022.

"Karachi, where I practice, is essentially a port city and was not directly in the path of physical destruction from the floods. However, the devastation from climate change and the impact that these floods have had on our population, food security and economy, have been
Pakistan becomes newest member of WFC (continued)

far-reaching.
"It would be safe to say that the economic, social and nutritional impact has been felt by every family from the north to the south of the country.
"With our crops destroyed, millions left homeless, railway connections broken and massive livestock eradication, we will feel the physical and emotional brunt of these floods for decades to come.

In terms of health workforce challenges, it is quite clear that chiropractors are a rare commodity.
"In Karachi, there are 3 chiropractors for a population of 27 million," she says. In many major cities there are no chiropractors at all. As we develop the association, I'm looking forward to connecting with other chiropractors to broaden our influence across the country. Providing care in an interprofessional environment, it is rewarding to see how beneficial integrated care is for our patients.
"I look forward to a new generation of girls and boys training to become chiropractors."

Update from WFC Public Health Committee Chair

Chiropractors naturally see patients who have additional health issues such as cardiovascular disease, diabetes, hypertension, cancer, or depression. These are common conditions, which are known as non-communicable diseases (NCDs). A recent study by the World Health Organization, noted that physical activity is an important modifiable risk factor for NCDs, saying that “499.2 million new cases of preventable major NCDs would occur globally by 2030 if the prevalence of physical inactivity does not change, with direct health-care costs of INT$520 billion.”

Chiropractic care normally has a positive impact on patients’ ability to be physically active. Often treatment goals include improved motion or being able to perform work or daily activities. Chiropractic care commonly includes exercise as either part of the treatment or as education for patients to do at home.

Chiropractors can help contribute to improving health for our patients and the public by helping to keep them physically active. Not only does physical activity help with reducing NCDs, but mental health can also be improved as well. The WHO study stated, “Incidence and prevalence of those mental health disorders can also be effectively reduced by increasing physical activity levels, which would also help to reduce costs to health-care systems and increase wellbeing.”

Because improved physical activity is an integral outcome of what we do as chiropractors, the WFC Public Health Committee is focusing the public health 2023 campaign on physical activity using WHO recommendations. By keeping our patients active and encouraging them to participate in recommended physical activity levels, chiropractors contribute to improving health globally. The WFC-PHC invites you to join the Physical Activity Public Health campaign for 2023. Please visit the WFC website for more information or click here bit.ly/PhysActive to sign up and receive updates about chiropractic and physical activity.


Dr Claire Johnson, DC, MS.Ed, PhD
The 17th WFC Biennial Congress, hosted by the Australian Chiropractors Association, takes place October 11-14, 2023 at the Gold Coast Conference and Exhibition Centre.

As the world’s largest chiropractic scientific meeting and premier global event for the chiropractic profession, it will be an unmissable experience. Save the date and start planning now.
Azerbaijan welcomed into provisional WFC membership

The national association of chiropractors representing Azerbaijan has become the latest association to join the WFC.

Following a valid application for membership submitted to the WFC in November, the Board of Directors unanimously voted to grant provisional membership. Full membership can only be granted by the WFC Assembly of Members, which meets in October 2023 in Gold Coast, Australia.

Association President, Dr Vüqar Aslani is the first national association president to have graduated from the program at Bahçesehir University in Turkey. He practices is Azerbaijan’s capital city of Baku.

The Republic of Azerbaijan is located at the border of Eastern Europe and Western Asia. It has a population of 10.3bn. It will officially be part of the WFC Europe region.

WFC Secretary-General Richard Brown commented, “We are delighted to expand membership of the WFC with another new member and look forward to supporting the development of chiropractic in Azerbaijan. Dr Aslani is a pioneer and we wish him every success in building the profession in the country.”

Secretary-General Brown extends contract through to 2025

WFC Secretary-General Richard Brown has signed a new contract with the WFC that will take him through to 2025.

Dr Brown, 54, who joined the WFC in 2015, was invited by the Board of Directors to remain in post beyond his contract end date of June 2023 and it was announced at the Annual Meeting of Members held on November 22 that a contract extension had been agreed.

Speaking at the Annual Meeting, WFC President Dr John Maltby said, “The Board unanimously voted to extend Richard’s contract. I cannot begin to thank him enough for the sacrifice and effort he puts into the WFC.

"In due course, we will put in place a search process to identify a replacement, but in the meantime, Richard will be with us until just after our 18th WFC Congress in Copenhagen."

The Secretary-General serves as the WFC’s chief executive officer and leads the WFC’s secretariat headquartered in Toronto, Canada.
WFC NEWS

WFC co-signatory in call for better access to rehabilitation and assistive technology on UHC day

On December 12, 2022, along with many other organizations around the world, the WFC celebrated Universal Health Coverage Day.

Universal health coverage (UHC) ensures all people, everywhere, can get the quality health services they need without financial hardship. Every 12 December, advocates worldwide mobilize on UHC Day to call for strong, equitable health systems that leave no-one behind.

As part of its work to highlight the need for rehabilitation and assistive technology, the WFC has joined other global organizations as a signatory to a joint statement, released to coincide with UHC Day on 12 December. The joint statement in full can be read at www.wfc.org/UHC2022.

WFC Secretary-General Richard Brown remarked, “The vision of the WFC is a world where all people, of all ages, in all nations are able to access chiropractic services so that populations can thrive and reach their full potential.

"We are pleased to work alongside other stakeholders that share our support of the need for access to rehabilitation and assistive technologies. As a founding member of the World Rehabilitation Alliance, we believe that supporting people to return to functioning and full participation in society is paramount.”

It is estimated that 30% of the world's population do not have access to essential health services, with almost 2 billion people facing catastrophic or impoverishing health spending. The COVID-19 pandemic further disrupted essential services in 92% of countries.

WHO's recommendation is to re-orient health services to primary health care. Most (90%) of UHC health services can be delivered through primary care. WHO further claims that 75% of the Sustainable Development Goals can be delivered through UHC.

Universal Health Coverage covers the full continuum of essential health services, from health promotion, to prevention, treatment, rehabilitation and palliative care across the life course.

Achieving UHC is one of the targets the nations of the world set when they adopted the 2030 Sustainable Development Goals (SDGs) in 2015.

At the United Nations General Assembly High Level Meeting on UHC in 2019, countries reaffirmed that health is a precondition for and an outcome and indicator of the social, economic and environmental dimensions of sustainable development.

WHO's Thirteenth General Programme of Work aims to have 1 billion more people benefit from UHC by 2025, while also contributing to the targets of 1 billion more people better protected from health emergencies and 1 billion more people enjoying better health and well-being.
Veteran researcher steps down from Research Committee

After years of loyal service to the WFC, Dr Mitch Haas has stepped down from its Research Committee.

Dr Haas, who earned his Masters degree from the University of California (Berkeley) and his Doctor of Chiropractic degree from Western States Chiropractic College, served as Associate Vice-President of Research at the University of Western States.

Renowned for his work as principal investigator for a number of federally funded trials evaluating chiropractic care for low back pain and headaches, Dr Haas was also involved in trials on construct validity and efficacy of indicators for spinal manipulation.

In addition to this, Dr Haas sits on the editorial board of six journals and has published many papers in peer reviewed journals. In 2022, he attended his thirtieth consecutive meeting of the American Public Health Association.

Now fully retired from University of Western States, Dr Haas felt it was the right time to step down from the Research Committee. He said, "I have been “retired” for five years now and have been involved in minimal research.

"I have enjoyed working with everyone over the years during my tenure. Change is hard but inevitable. I will keep my hand in with some unfinished work still on the table, not to mention peer review for the journals. However, my increasing focus will be on travel with my wife and friends."

Chair of the WFC Research Committee, Associate Professor Sidney Rubinstein commented, "On behalf of the Research Committee, I want to thank you for your years of contribution to the profession in general, and to the work of the Research Committee in particular. We have undoubtedly benefited from your wisdom and experience."

With Dr Haas’s resignation along with that of Professor Christine Goertz, the Research Committee is currently looking for two members of the committee to fill the vacancies.

Expressions of interest are sought from distinguished researchers, early career researchers and clinician researchers to populate the committee. Applicants need not be chiropractors but are expected to have a broad understanding of chiropractic.

The terms of reference for the Research Committee can be found at www.wfc.org/research_committee
Online global gathering celebrates professional unity

In November, over 40 national association members of the World Federation of Chiropractic (WFC) came together for the Annual Meeting of Members.

The Annual Meeting of Members serves as the official general meeting of the WFC, where official business is conducted in accordance with the Canada Not-for-profit Corporations Act.

With representation from each of the WFC’s 7 world regions - Africa, Asia, Eastern Mediterranean, Europe, Latin America, North America and Pacific - members learned about the work and achievements of the WFC over the past 12 months.

Chaired by WFC President Dr John Maltby, the meeting included formal business as well as the receipt of reports about the WFC’s program of work.

Members voted unanimously to accept the Pakistan Chiropractic Association as its newest member and heard about plans for the development of underserved communities as part of the WFC’s mission to advance awareness, utilization and integration of chiropractic internationally.

The 2023 meeting will take the form of an in-person Assembly of Members, held October 9-10 in Gold Coast, Australia, ahead of the 17th Biennial Congress.

ICEA Steering Committee announced

After having been officially launched at the WFC ACC Global Education Conference, the International Chiropractic Education Alliance (ICEA) has formed a steering committee.

The principal role of the committee will be to provide support, guidance and oversight in relation to the new WFC initiative.

It will also provide input to the development of the alliance, identify priorities, risks and timelines and monitor the quality of the project as it develops.

The ICEA is the first global alliance dedicated to the development and advancement of education relevant to the practice of chiropractic.

While there will be an emphasis of primary chiropractic education, the ICEA will also focus on post-graduate teaching and learning and education research.

INTERNATIONAL CHIROPRACTIC EDUCATION ALLIANCE: STEERING COMMITTEE MEMBERS
Joseph BRIMHALL (USA)
Richard BROWN (WFC)
Deborah BUSHWAY (USA)
Walseska CRESPO (Puerto Rico)
Rosemary GIURIATO (Australia)
Lesley HAIG (UK)
Clay McDONALD (USA)
William MORGAN (USA)
Chris YELVERTON (South Africa)
Katie Pohlman named Research Committee vice-chair

Dr Katherine Pohlman DC, MS, PhD has been appointed Vice Chair of the WFC Research Committee (RC). Dr Pohlman, who serves as Director of Research at Parker University, Dallas, Texas, was appointed by the WFC Board of Directors following the appointment of Dr Sidney Rubinstein as RC Chair.

Dr Pohlman, who is well known in the international chiropractic research community, has been responsible for multiple national and international collaborations since being appointed at Parker and was an inaugural fellow in the Chiropractic Academy for Research Leadership (CARL) program.

Recently, Dr Pohlman has served as the faculty lead in the development of a chiropractor-focused Masters in Clinical Research program.

Dr Pohlman's research focuses on areas of patient safety and special populations, especially women's health and pediatrics, where a number of novel, interdisciplinary projects have been developed.

Speaking after her appointment, Dr Pohlman commented, "I am delighted to have been honored with this prestigious position on the Research Committee."

"I look forward to working alongside Dr Rubinstein to advance and promote research and evidence-based practice within the WFC."

The role of the Research Committee is to advise the WFC Board on matters of science and research and to serve as the scientific committee to the biennial WFC Congresses. Members are drawn from across the WFC's seven world regions.

Secretary-General Richard Brown commented, "The Board was unanimously in favor of Dr Pohlman's appointment as RC vice-chair and we are grateful for her service."
WFC admitted as founding member of WHO World Rehabilitation Alliance

Following a call for applications, the World Federation of Chiropractic has been accepted as one of the founding members of the new World Rehabilitation Alliance (WRA).

The World Rehabilitation Alliance (WRA) is a WHO global network of stakeholders whose mission is to support the implementation of the Rehabilitation 2030 Initiative through advocacy activities.

It focuses on promoting rehabilitation as an essential health service that is integral to Universal Health Coverage and to the realization of Sustainable Development Goal 3: Ensure healthy lives and promote well-being for all at all ages.

With an emerging global focus on rehabilitation, the objectives of the WRA are:

(a) to conduct evidence-based advocacy activities that increase support and raise awareness on rehabilitation and

(b) to strengthen networking and knowledge sharing within the rehabilitation sector.

WRA membership consists of representatives from: Member States and State bodies, intergovernmental organizations, nongovernmental organizations, private sector, philanthropic foundations and academic institutions.

Rehabilitation addresses the impact of a health condition on a person’s everyday life by optimizing their functioning and reducing their experience of disability.

In many countries around the world there is an urgent need to strengthen rehabilitation. Globally, an estimated 2.4 billion people are living with a health condition that could benefit from rehabilitation.

This number is expected to grow due to people living longer and with more chronic disease and disability.

It is estimated, however, that in low- and middle-income countries, more than 50% of people do not receive the rehabilitation they require.

The impact of the COVID-19 pandemic is also yet to be seen

WFC Secretary-General Richard Brown commented, “As a non-state actor in official relations with WHO since 1997, we are delighted to have been accepted as a member of the WRA.

"Chiropractors worldwide can play an important role in addressing disability and restoring functioning through their work as non-surgical, non-drug spine and joint experts.

“We look forward to collaborating with our colleagues across the rehabilitation space to contribute towards happier, healthier and more active populations.”
It endorses 1 office chair.
Every Spine Counts as millions celebrate World Spine Day

Populations across the WFC's 7 regions were galvanized into action to celebrate the 2022 World Spine Day.

World Spine Day takes place every year on October 16 and is organized by the World Federation of Chiropractic.

The 2022 theme of Every Spine Counts emphasized the prevalence of spinal pain and disability as part of the global burden of disease, and addressed the need for access to quality essential spinal health services worldwide.

With an estimated 540 million people in the world suffering with low back pain at any one time, spinal disorders remain 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.

The 2022 theme of Every Spine Counts 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 co-chair, Dr Dani Weisner, 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 through education."

As usual, the WFC's annual World Spine Day competition drew entries from around the world. WSD committee co-chair, Dr Rebekah Wilks, commented, "We were thrilled with yet another year of energy and innovation. Our competition entrants were all incredibly ingenious and we loved the way in which WFC member associations, educational institutions and private clinics all threw themselves into the spirit of World Spine Day."

Winner of the national association category went to the Association of Chiropractic Malaysia. With an outstanding program of innovative activity to celebrate World Spine Day, the judges felt that their range of activities, public engagement and community impact made them worthy winners.

The WFC member for France, Association Française de Chiropaxie (AFC) won the runners-up prize, while a highly competitive entry from the Chiropractic Doctors Association of Hong
Every Spine Counts as millions celebrate World Spine Day (continued)

Kong saw them receive a commendation.

Another award went to Malaysia this year, with Kuala Lumpur’s International Medical University again winning first prize for the educational institution category. Their campaign impressed the judges with its adherence to the theme and its engagement of students and faculty throughout the program.
Every Spine Counts as millions celebrate World Spine Day (continued)

The judges also congratulated the Chiropractic Student Council at the University of Johannesburg, who were awarded second prize.

In the individual/clinic category, first prize went to the New York Medical Group, based in Hong Kong. NYMG ran an outstanding WSD campaign. Their program of community action, utilizing bus and tram advertising, saw thousands benefit from self-help advice, tips and general education to maintain a healthy spine.

WFC Secretary-General Richard Brown said, "I'd like to recognize and thank our brilliant organizing team led by Danielle Wiesner and Rebekah Wilks for once again putting together the event and judging the World Spine Day competition.

"We believe that World Spine Day is the largest single day of action dedicated to care of the spine on the planet. I urge every chiropractor to plan an event in their community on October 16 each year.

"By getting involved in public health in this way, chiropractors can demonstrate their expertise in spinal health and collaborate interprofessionally."

The theme for the 2023 World Spine Day will be announced later in the year.
WFC WORLD SPINE DAY 2022 COMPETITION WINNERS

WFC MEMBER ASSOCIATION CATEGORY

FIRST PRIZE
Association of Chiropractic, Malaysia (Malaysia)
SECOND PRIZE
Association Française de Chiropraxie (AFC)
HIGHLY COMMENDED
Chiropractic Doctors' Association of Hong Kong (Hong Kong SAR, China)

EDUCATIONAL INSTITUTION CATEGORY

FIRST PRIZE
International Medical University (Malaysia)
SECOND PRIZE
Chiropractic Student Council, University of Johannesburg
(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)
Oak Wellness Hub (Ghana)
Global Speakers
Hear from 24 thought leaders and experts in the fields of chiropractic and health sciences as they deliver recent research, best practices and clinical experience for a total of 24 continuing education credits.

New Venue
Hosted on the Logan University campus and the newly renovated St. Louis Union Station - an attraction featuring a hotel, aquarium, restaurants, an 18-hole miniature golf course, carousel and a 200-foot tall Ferris Wheel.

Event App
This year, Symposium attendees will be able to keep track of scheduled workshops and seminars, vendor booths and social events through an event app.

Chiropractic Workshop
New this year, Symposium will offer intimate workshops on Thursday, focusing on chiropractic techniques and taught by Logan faculty members.

Register at logan.edu/Symposium
Foot Levelers partners with firefighters to test InMotion+™

This year, Foot Levelers, the world’s leading provider of custom flexible orthotics, has partnered with a team of Virginia-based firefighters to test their most advanced custom flexible orthotic, InMotion+™.

A case study, published in November, details the factors that led to InMotion+, the high-performance features of the orthotic, and the life-changing benefits the firefighters experienced when using them.

Firefighting ranks among the most physically demanding jobs in the world, with grueling duties, constant risks and long hours. A firefighter’s shift could be 24 hours straight and involve continuous standing, climbing, carrying and moving heavy equipment in extreme elements, all while wearing bulky protective gear that can weigh 45 pounds or more.

These challenging duties put incredible stress on the body. This can lead to pain in the knees, spine and lower back, and foot issues like plantar fasciitis, which impact job performance, increase the risk for injury and affect overall quality of life.

In 2011, Foot Levelers created their original InMotion® custom orthotic, and a team of firefighters helped evaluate them for performance and durability. When Foot Levelers introduced their most advanced orthotic, InMotion+, the company reached out to the firefighters once again to put their product to the test.

The verdict? In-Motion+ was a unanimous hit!

When wearing the InMotion+ orthotics, the firefighters experienced profound improvements in their comfort, performance and energy level. They were eager to share their feedback and effusive in their praise for the benefits they received when they wore InMotion+ during their duties.
Foot Levelers partners with firefighters to test InMotion+™ (continued)

Shortly after receiving his InMotion+, one tester participated in the six-hour rescue of a hiker who had to be transported out of a remote location in the woods and shared the difference his orthotics made during the harrowing ordeal. The team had to navigate steep grades, water, and unstable terrain while locating and transporting the victim to a hospital for medical aid. Afterward, he said his feet felt “phenomenal” and described how he’d experienced zero pain in spite of the severe trial because of his InMotion+ orthotics.

Foot Levelers applied over 70 years of innovation and proven science to produce InMotion+, their best custom orthotic ever.

- Moisture-wicking materials that help keep feet cool and comfortable
- A high-tech top cover with Far InfraRed (FIR) technology that redirects energy back into the body to fight fatigue and enhance muscle recovery
- Available in full or dress length
- The most shock absorption and propulsion of any custom orthotic that Foot Levelers has ever made.
- Enhanced stability for unstable and uneven surfaces

Other comments from the firefighters included:

“Hands down, these are the best orthotics I've ever worn or experienced... if you're on your feet a lot during high-strenuous activity, with a lot of demand on your shoes and feet, you'd be crazy not to own a pair.”

“The moment I put the InMotion+ inserts in my feet felt more comfortable. When I'm outside in the heat my feet are much cooler, and I seem to be able to move around at a much more agile pace for longer periods.”

“We knew that if InMotion+ could help firefighters, who must perform in extreme physical conditions, they would improve the quality of life for all patients,” said Kent S. Greenawalt, chairman and CEO of Foot Levelers. “We're proud to partner with these heroes who selflessly serve our communities and are grateful for their involvement and feedback. We're excited to offer the benefits of InMotion+ to the worldwide chiropractic community.”

Foot Levelers is committed to serving you to help drive chiropractic excellence. Invented by a chiropractor and trusted by doctors for over 70 years, our custom flexible orthotics are the only ones that support all three arches of the foot to stabilize the entire body for better overall health. They're backed by proven science and multiple research studies and shown to reduce low back pain by 34%*. To learn more please visit footlevelers.com or call +1 800.553.4860.

Education Conference delights attendees and breaks records as consistency features on the agenda

The WFC ACC Global Education Conference took place November 2-5, 2022 at Logan University. After a break of four years, this was the first in-person event to have been hosted by the WFC, with the 2018 event having taken place in London, United Kingdom.

Representatives from 65 organizations participated in the event, which included 26 educational institutions. Delegates ranged from institutional leaders and faculty to students and association leaders. In total, the WFC received 206 registrations for the conference, approximately 10% up on the previous record set in London.

The theme of the 12th Global Education Conference was "Leveling Up: Creating Consistency in Chiropractic Education. The focus of the topic for this year’s event was to tackle inequalities in teaching and learning in chiropractic education, meeting competencies and ensuring that the delivery of education achieves and exceeds basic minimum standards - essentially raising the bar for all.

With a wide-ranging remit, the conference covered issues related to diversity, equity and inclusion, competency-based learning, application of evidence, testing and accreditation, supporting faculty, meeting student expectations and achieving consistent graduate outcomes.

The conference kicked off with its traditional welcome reception, held in the magnificent foyer of the William Purser Center. Delegates were able to mingle and enjoy drinks and canapes while meeting old
Education Conference delights attendees and breaks records as consistency features on the agenda (continued)

friends and making new acquaintances. Words of welcome were provided by Logan University President, Dr Clay McDonald, WFC President Dr John Malty, and Activator Methods’ Dr Arlan Fuhr.

Day 1 of the academic program saw a distinct focus on equity, diversity, inclusion and belonging, with outstanding presentations from Celina Caesar-Chavannes, Amy Miller and Shelly Sawalich.

After the break, a series of short presentations covered issues related to student admissions before an international panel of experts, moderated by Natacha Douglas, took a deep dive into factors related to this complex subject.

With a record number of abstract submissions, the afternoon sessions on both Thursday and Friday showcased the very best of educational research and innovations as well as topical workshops.

The plenary session on Day 2 featured a group of presentations related to remote teaching and learning. The session featured the ever-entertaining Dr Shawn Thistle and Parker University’s Dr Michael Moore. Louisa Conradi, World Congress of Chiropractic Students director of external affairs, provided an important student perspective on twenty-first century learning.

Consistency in graduate outcomes was next up on the agenda, with Stuart Smellie from the Royal College of Chiropractors presenting the outcomes of work from the UK. Olivier Lanlo, President of IFEC in France, chaired the second of the panel discussions, looking at whether consistency was required for growth of the chiropractic profession.

Logan University generously hosted an evening reception at the end of Day 2, providing further opportunities for networking and important discussion.

The opening session of Day 3 began with an
Education Conference delights attendees and breaks records as consistency features on the agenda (continued)

outstanding presentation by Dr Rebekah Wilks, who reflected on the challenges of moving from student to early career practitioner. Her presentation was followed by short TED-style presentations from Stu Kinsinger, Anthony Lisi, Lesley aig and Mirjam Baechler. and colleagues and Mayda Serrano and Waleska Crespo.

The importance of consistency in chiropractic education was underscored by WFC Secretary-General Richard Brown in a presentation featuring on ’Consistency and The Triad of Trust’ before celebrated educational leader Professor Thomas Tobin from the University of Wisconsin rounded off the program with a keynote address focusing on Universal Design for Learning.

The conference ended with the traditional development of consensus statements. Led by Drs Shawn Thistle and Craig Little, the conference delegates finalized a series of summary statements reflecting the principal outcomes of the conference.

The WFC would like to recognize the work of the planning committee, peer review team, sponsors and exhibitors, all at Logan University and the conference attendees who made it all possible.

The next education conference will take place October 30 - November 2, 2024 in Kuala Lumpur, Malaysia.
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Education Conference delights attendees and breaks records as consistency features on the agenda (continued)
Education Conference delights attendees and breaks records as consistency features on the agenda (continued)
WFC ACC Global Education Conference

CONSENSUS STATEMENTS

Leveling Up: Creating Consistency in Chiropractic Education

1. Chiropractic education should actively embrace a leveling-up agenda that incorporates cultural competencies and the principles of diversity, equity, inclusion and belonging.

2. Admissions policies and processes in chiropractic education should proactively implement strategies to achieve equitable representation of the wider public and society.

3. Chiropractic education should utilize available technologies that align with the contemporary needs of learners.

4. The international chiropractic community should identify graduate outcomes that may be delivered consistently across institutions.

5. Public trust is fostered when the delivery of ethical, professional care is consistent within the cultural norms and expectations of a given region.

6. The embedding of interprofessional education is paramount in the delivery of consistent, people-centered and collaborative healthcare.

7. Chiropractic education should ensure the demonstration of competencies that best enable portability between jurisdictions.

8. The provision of chiropractic education should be designed to be inclusive such that success is promoted and barriers to learning are removed.

9. Chiropractic education should include competencies which equip graduates to engage in public health for the benefit of communities and wider society.
...Consumer expectation is global consistency for chiropractic treatment....

The WFC invited Dr. Norman Ouzts, IBCE/NBCE CEO, to speak about the benefits of global standardized testing at the 2022 WFC/ACC Education Conference. This concept aligns with the IBCE mission to provide standardized testing that reinforces and strengthens public protection worldwide. Consumer expectation is global consistency for chiropractic treatment. Worldwide standardized testing would achieve expectations, while delivering a uniform regulatory procedure for licensure and providing license portability - allowing chiropractors to practice without borders, to provide humanitarian aid and spread the benefits of chiropractic throughout the world.

Visit IBCE.ORG To Learn More

PICTURED ABOVE (L-R)
Dr. Norman Ouzts - CEO, IBCE/NBCE, Dr. Karlos Boghosian - President, IBCE/NBCE,
Dr. Richard Brown - Secretary General, World Federation of Chiropractic,
Dr. Carol Winkler - President, FCLB, Dr. Jason Jaeger - Secretary, IBCE/NBCE.
CUKC celebrates centenary with historic conference

Cleveland University - Kansas City (CUKC) celebrated its 100th anniversary in October with a convention and expo a short distance from its Overland Park campus.

CUKC began as a chiropractic college in 1922, making it one of the oldest chiropractic institutions in the world. The original college enrolled three students in its first class and graduated its first doctor of chiropractic in 1924.

Led by CUKC President, Dr Carl Cleveland III, and attended by over 400 alumni, students and friends of the institution, the three day event celebrated numerous facets of the chiropractic profession and featured speakers from the U.S. and internationally.

WFC Secretary-General Richard Brown delivered a keynote address setting out the vision, mission and principles of the WFC and the global status of chiropractic.

He also took part in a panel discussion where he, Dr Scott Haldeman and Dr Sherry McAllister responded to questions from Dr Cleveland about developments and innovation in the profession.

The final session of the convention saw Dr Cleveland deliver an outstanding presentation reflecting on 100 years of CUKC, from its inception in 1922 through to the present day.

With his family in attendance, Dr Cleveland received a standing ovation and multiple tributes, including from the WFC, recognizing his life and work and celebrating his 50 years in chiropractic education.
AECC UC cements global credentials with international graduates.

In November, at its annual graduation ceremony, the UK’s AECC University College graduated students from some 24 countries around the world. Held at Bournemouth’s Pavilion Theatre, the university conferred a range of degrees from across its three schools of Chiropractic, Radiology and Rehabilitation, Sport and Psychology.

The Graduation Ceremony also saw the conferral of Honorary Awards by Vice-Chancellor of AECC University College, Professor Lesley Haig. These included the presentation of Honorary Fellowships to Director of Public Health for Public Health Dorset, Sam Crowe, and Medical Director for FIFA, Dr Andrew Massey.

Former Vice-Chancellor of AECC University College, Dr Arvid Thorkelsden, was awarded the Vice-Chancellor’s Award in recognition of his service.

Students’ Union President for the academic year 2021/22, Mollie Stannard, gave an outstanding address, reflecting on her time studying at the University College.

Vice-Chancellor of AECC University College, Professor Lesley Haig, commented: “We now welcome our graduates into our thriving alumni community, a truly global network of talented individuals who are enjoying successful careers and flourishing lives. You will always be welcome back to AECC University College at any time.”
Logan University faculty member named ACA Pediatric Chiropractor of the Year

Logan University's Dr. Allison Harvey has been named Pediatric Chiropractor of the Year by the American Chiropractic Association Council on Pediatric Chiropractic. This honors the individual who has demonstrated exceptional leadership and achievement in the field of pediatric chiropractic.

Dr. Harvey (pictured below) serves as an associate professor for Logan’s online Masters in Integrative Pediatrics.

As well as serving on the Logan faculty, Dr Harvey is a senior clinician in the Montgomery Health Center, where she guides students interested in pediatrics through their clinical rotation.

Dr. Harvey recently completed her pediatric board certification in clinical chiropractic pediatrics and has published numerous articles on the topic of pediatric chiropractic care.

“What an honor to be recognized by the largest professional chiropractic organization in the United States,” said Dr. Harvey.

“I am excited to be helping to trailblaze pediatric chiropractic, not only for our patients and community, but for the students at Logan University. I am grateful for all the support from my mentors and the leadership team at Logan. Big things are happening and I am privileged to be a part of it.”
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CERF conference champions faculty scholars with online event

The Chiropractic Educators Research Forum (CERF) held its fifth conference on December 3, 2022.

The conference Rise of Faculty Scholars: Building Capacity for a Stronger Future focused on education research and building research capacity.

There were 109 CERF member registrants attending the 8-hour conference. Presenters represented various world regions including Canada, New Zealand, Puerto Rico, Spain, South Africa, United Kingdom, and United States.

Twenty peer-reviewed presentations included skill building, education research presentations, and how programs are building faculty scholarship.

Four tutorials emphasized skill building for scholarship, which included:

- How to use a professional development plan to advance academic careers and maximize plans for scholarly outcomes. The discussant was John Mrozek, Texas Chiropractic College.
- Scholarship and research as viewed through the lens of accreditation. This presentation helped attendees better understand the process by which CCE accreditation looks at scholarship and research and how programs can be used to better prepare for an evaluation of program outcome expectations. The presenter was Craig Little (Council of Chiropractic Education).
- How to use your resume to build your scholarship portfolio and advance your academic career. The discussants were Gregory Cramer (National University of Health Sciences) and Christine Bradaric-Baus (Canadian Memorial Chiropractic College).
- What 3 things scholars must have in their toolkits to succeed at scholarly writing, including bonus tips on how to use them. The presenters were Claire Johnson (Editor, Journal of Manipulative and Physiological Therapeutics) and Bart Green (Editor Journal of Chiropractic Education).

Four panel discussions, moderated by Bart Green, focused on the theme of building education research capacity.

The CERF Best Paper Award from the 2021 CERF conference was announced, which was “Awareness of LGBTQ+ health disparities: A survey study of complementary integrative health providers.” (Kara Burnham, Suzanne Lady, and Cecelia Martin, University of Western States)

Their paper will be published in the Journal of Chiropractic Education.

The feedback from conference attendees was overwhelmingly positive. We urge chiropractic educators to consider participating in the upcoming 2023 CERF conferences.
At the end of November, AECC University College (AECC UC) attended Therapy Expo in Birmingham – a multi-professional educational event for Musculoskeletal (MSK) health care professionals.

As part of the event, AECC UC attended The MSK Conference 2022, held in association with Therapy Expo for the first time.

This was the first collaborative conference between the Musculoskeletal Association of Chartered Physiotherapists (MACP), Society of Musculoskeletal Medicine (SOMM), and Advanced Practice Physiotherapy Network (APPN), together with the support of Arthritis and Musculoskeletal Alliance (ARMA).

The conference was designed to unite the MSK community under the theme of ‘Shared goal, one future’ and aimed to encourage multi-disciplinary working, championing MSK practitioners working together as a single team to raise the standard of practice.

Head of the School of Chiropractic at AECC UC, Philip Dewhurst, was invited to join a multi-professional panel workshop on the topic of ‘Multi-disciplinary, Multi-sector MSK Career Pathways’.

Speakers on the panel included representatives from Physiotherapy and Osteopathy, as well as Chiropractic. The panel discussed the opportunities and challenges faced by the MSK workforce, and outlined the resources required to move forward.

“Over the last five years, Physiotherapy has been integral to the NHS Long Term Plan. Physiotherapists have been providing primary care support, working in roles such as First Contact Practitioners, and this has led to a workforce challenge. There are only a finite number of physiotherapists to meet an increase in requirements in the population for care.

“To support this workforce drift, we need to look at where else we can supplement practice within the MSK model.

“There are a range of professions that we can draw in to support community practice, and primary and secondary care practice, to release other professions to support GPs and community pathways.

“Utilisation of chiropractors, sports therapists, sport rehabilitators, osteopaths, across the musculoskeletal family makes sense in terms of workforce redesign, rather than thinking singularly in unique professions.

“This is the multi-disciplinary model that we champion at AECC University College, with our Integrated Rehabilitation Centre and clinical offering.”

Philip Dewhurst

Philip Dewhurst “What came out of this important discussion was a general feeling that an integrated multi-disciplinary approach is essential to the MSK workforce. MSK and Rehabilitation services could really benefit from having a more diverse mix of staff with different skillsets to complement patient care.

“It’s clear to us just how important collaboration is between the different professions and how positive this is. I’m eager to further open up and continue discussions like these, both at a local and regional level.”

Director of Clinical and Rehabilitation Services at AECC UC, Dr. Neil Langridge, said:
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WIOC opens phase 1 of brand new chiropractic facility at USW

Twenty-six years on from the admission of the first students on to the chiropractic program at the Welsh Institute of Chiropractic at what was then the University of Glamorgan, the facility has migrated to a new home. The main Treforest campus at what is now the University of South Wales (USW) is now home to a brand new chiropractic teaching facility.

Opening of the new facility marks the first phase of a two-phase development for the chiropractic program over the next two years. The first phase includes two clinical skills labs complete with 30 new chiropractic tables incorporating Force Sensing Table Technology, a multipurpose diagnostic radiology lab, and an Anatomage-enabled anatomy lab. Two new functional rehabilitation rooms housing high quality exercise equipment complete the new development.

With two workrooms for final year students, staff offices and a series of breakout rooms for small group and one-to-one teaching, the development brings students across all years together in one common space integrated with academic faculty.

Phase 2 will see the construction of a new outpatient clinic directly attached to the teaching space which will consist of 26 treatment rooms, seminar room, rehabilitation suite, DXA suite, diagnostic ultrasound suite and a fully integrated camera system to help support students while managing patients under supervision.

The project represents a major development for chiropractic at the University of South Wales. Its positioning on the main Treforest Campus provides chiropractic students with direct access to other quality facilities offered by USW, including the library, sports hall, student union, halls of residence and a variety of social venues.

Veteran faculty member and Head of Clinical Services at USW, Professor David Byfield commented, "We are very excited about these plans and the confidence that USW has in the chiropractic program, which has now been operating for 25 years. Ironically, our new location is not far from the original couple of rooms we occupied in 1997 when Welsh Institute of Chiropractic was born.

"I see the new facility as a great opportunity to fully integrate teaching delivery, clinic placement training and academic staff in one location and at the same time explore more inter-professional learning, teaching and research with colleagues in other disciplines across the university."
NCMIC establishes business success initiative at NWHSU

Northwestern Health Sciences University (NWHSU), recently announced the creation of a new Business Success Initiative, thanks to generous support from NCMIC, the nation’s largest provider of chiropractic malpractice insurance. The NCMIC Business Success Initiative will enable NWHSU to develop and expand its business curriculum to better prepare its students and alumni to be successful health care practitioners.

“This type of training is a vital need across the health care professions today,” said Dr. Deb Bushway, president and CEO of NWHSU. “We are so grateful to NCMIC for its work in this area, and we’re thrilled to work together to ensure NWHSU graduates are successful health care practitioners – whether in private practice or as partners in larger health care systems.”

NCMIC has supported chiropractors for more than 76 years by providing services and products that help their practices (and the profession) grow. This includes continuing education events, risk management seminars, webinars, podcasts, a complimentary online resource library and Starting Into Practice, a program for students making their transition from school into practice. The NCMIC Business Success Initiative will enhance and expand NWHSU’s curriculum and delivery models for a range of courses critical to starting, operating and working in a business.

“We are pleased to launch this innovative approach and deepen our partnership with NWHSU,” said Dr. Wayne Wolfson, president of NCMIC. “The goal of our work together is to offer rich resources to students and alumni for the ongoing development of their business acumen, resulting in benefits for the communities they serve.”

Through the NCMIC Business Success Initiative Fund, NWHSU will develop elective and required courses, co-curricular offerings and innovative resources that go beyond the classroom and use validated success factors for thriving health care.

The curriculum will cover professionalism, ethics, practical business competencies and financial literacy. The fund will help support a curriculum developer, marketing, course materials and evaluation. NWHSU will work collaboratively with NCMIC on partnership opportunities, including the use of some of NCMIC’s online courses in the new curriculum.

The first courses under the initiative are expected to launch in the fall of 2023.
Adjusting for the future: Northeast College incorporates latest technology into FAST lab

In Fall 2022, Northeast College of Health Science unveiled a new learning space featuring the latest innovation in chiropractic education. The Force Assessment Simulation Technology (FAST) Lab boasts the same ground-breaking technology that has been helping today’s elite athletes improve and optimize their skills and performance.

College President Dr. Michael Mestan said the revolutionary technology incorporated in the FAST Lab will complement Northeast’s already-rich curriculum of lectures, clinical rotations and human cadaveric dissection labs to provide yet another tool in an education designed for student success.

In the FAST Lab, Northeast’s doctor of chiropractic students work with human analogue mannequins on treatment tables, both embedded with Force Sensing Table Technology™ that allows them to receive on-demand data regarding adjustment force, direction, amplitude and speed. This information guides the learning process as students develop the psychomotor skills to make accurate high-velocity, low-amplitude thrust adjustments.

The Lab also uses Dartfish technology, which allows video data of each adjustment to be collected in real-time. FAST Lab mannequins and tables are equipped with sensors and cameras that capture each adjustor’s motions, mapping out the biomechanics of the adjustor’s body. This provides data about each student’s position, stance and movement which, with faculty help, can be analyzed to optimize adjustment efficiency and effectiveness.

Northeast’s FAST Lab provides yet another tool for chiropractic students to improve and perfect their skills. By measuring the force and speed of each adjustment and analyzing the adjustor’s body movements, the new technology provides immediate and objective feedback during interactive learning – revolutionary in chiropractic education.

“The technology is a great tool for providing direct feedback,” said Dr. Brett Carnevale, assistant professor in the Integrated Chiropractic Therapies Department at Northeast.

“Professors can’t feel what students are doing or feel what they feel. This tool provides feedback a person can’t. It adds to our expertise and helps our students build the confidence and technique skills they need to succeed.”
People With Back or Neck Pain Who Utilize Chiropractic Less Likely to Receive Opioid Prescriptions

Approximately a third of the United States adult population experience low back or neck pain within the past 3 months. And, 1 in 5 new low back pain encounters result in an opioid prescription of 20 or more daily morphine milligram equivalence within 30 days of their complaint.

In 2020, there were 16,416 overdose deaths involving prescription opioids, despite 2017 clinical practice guideline recommendations that “opioids should be considered only in patients for whom other therapies have failed because they are associated with substantial harms.” Qaseem et al 2017, Annals of Internal Medicine

A study published in the JMPT evaluated the association between patients seeing a chiropractor and receiving an opioid prescription for back or neck pain. After controlling for age, sex, race, poverty, insurance, comorbidities, and perceived health status, the odds of seeing a chiropractor among opioid users were 0.46 times the odds of seeing a chiropractor among nonopioid users.

People with back or neck pain who sought chiropractic care had 54% fewer odds of purchasing or receiving an opioid prescription for their condition than non-chiropractic users, even after controlling for socioeconomic and clinical variables.

This paper adds to the evidence that the association of chiropractic utilization is negatively associated with opioid receipts for patients with back or neck pain.

*Patients with back or neck pain who saw a chiropractor had approximately half the odds of reporting an opioid prescription compared to those who did not see a chiropractor.*

[INSERT IMAGE]

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[www.jmptonline.org](http://www.jmptonline.org)
Chiropractor appointed instructor at Harvard Medical School

Chiropractor Dr Matt Kowalski has been appointed as an instructor in medicine at Harvard Medical School (HMS), marking another milestone of collaboration between the chiropractic and medical professions.

Dr Kowalski currently serves as the Associate Clinical Director at the Osher Clinical Center at Brigham and Women's Hospital.

Dr. Kowalski’s career has focused on integrating chiropractic treatment and education with the medical professions. He is a 1990 graduate of the National College of Chiropractic. He also completed a multidisciplinary orthopedics residency leading to certification with the American Board of Chiropractic Orthopedics.

As early as 1992, he was the first to bring chiropractic into a Massachusetts hospital. With the leadership of the Osher Center at HMS, he continues to move patient care and the chiropractic profession forward through research and educational programs.

His practice focuses on the evaluation and treatment of patient suffering with headaches, spinal disorders, myofascial pain syndromes and other non-operative musculoskeletal conditions.

Through the support of the NCMIC Foundation, Inc., Dr. Kowalski and Dr. Peter Wayne, established the first chiropractic research fellowship at the Osher Center.

Dr Matthew Kowalski
NWHSU’s Dr Michele Maiers Joins RAND Corporation as co-director of the Center for Collaborative Research in Complementary and Integrative Health

Northwestern Health Sciences University’s (NWHSU) executive director of research and innovation, Michele Maiers, DC, PhD, MPH, has joined the RAND Corporation as co-director of the Center for Collaborative Research in Complementary and Integrative Health (CIH). Dr. Maiers will also continue to serve in her role at NWHSU supporting the mission of providing evidence-based solutions to the healthcare community through its research and policy efforts.

The Center for Collaborative Research in CIH is a collaboration between the RAND Corporation and institutions that train CIH practitioners, including chiropractors. The Center leverages RAND Corporation’s research infrastructure to support collaborative research across CIH institutions, including NWHSU, which has been a member since 2020.

“Our organizations’ visions are closely aligned, and NWHSU has deeply valued our partnership with the Center over the last two years. We are thrilled that Dr. Maiers is joining the RAND Corporation in a leadership role to further enhance evidence-based solutions of CIH,” said Deb Bushway, PhD, President and CEO of NWHSU. “While continuing to advance research, policy, and innovation here at the university, Dr. Maiers will bring great expertise to the Center.”

In her role as co-director, Dr. Maiers will facilitate research activity both within and across participating institutions and develop strategies for advancing the Center. This builds upon Dr. Maiers’ commitment to policy and research efforts at NWHSU for over two decades.

“It is a privilege to serve the community in this new capacity and move the needle on positioning CIH as part of the solution in the healthcare community,” said Dr. Maiers. “Our collective success will not only increase research on chiropractic and other non-allopathic healthcare professions, but also support scholars and faculty at CIH institutions to have a greater influence on the studies being conducted in their field.”
One of the most important parts of a preceptorship is the number of patients and scale of patient conditions students are able to treat before they graduate and enter practice. From May to November, NUHS chiropractic graduate Zachary Shasteen, DC, was able to conduct over a thousand patient visits during the preceptorship at the Bay Pines (Veterans Affairs) Healthcare System in Florida.

“I gained a ton of knowledge through repetition,” Dr. Shasteen said. “Just the volume of patients that I was able to see throughout the day made the preceptorship well worth it.”

At the Bay Pines VA hospital, there was so much demand for chiropractic care that there was a waiting list of 3-4 weeks for new patients.

“Once patients started seeing good results with chiropractors, especially when other methods were failing, everyone started to notice,” Dr. Shasteen said.

Dr. Shasteen worked with veterans and active military members of all ages, many of whom were experiencing chronic pain along with back and neck issues and muscle spasms. Additionally, the patients often had several co-morbidities including cancer, myelopathy, chronic pain, long-COVID and cardiovascular and pulmonary diseases.

“I saw firsthand how chiropractic medicine can contribute to their treatment plan and improve a patient’s quality of life,” he said.

After providing his patients with regular adjustments 2-3 times per month, many experienced improvements, particularly in their pain symptoms.

With the emergency room just down the hall from the chiropractic department, along with orthopedic surgeons, neurologists, acupuncturists, and physical and occupational therapists nearby too, Dr. Shasteen worked in a truly multidisciplinary setting.

“Collaborating with other physicians required a deeper understanding of a patient’s whole health along with the wide scope of medical knowledge I gained at NUHS,” he said.

Dr. Shasteen was also able to help homeless veterans, many of whom experience low back pain from sleeping on various surfaces and upper back issues from carrying heavy backpacks.

Since they were not able to visit the hospital as often due to transportation issues, Dr. Shasteen provided them with tools like hot and cold packs, foam rollers, therabands, and instructed them on self-care routines.

“Our results speak for themselves,” Dr. Shasteen said.

NUHS currently offers rotations at VA sites in Illinois, Michigan, Indiana, Wisconsin, North Dakota and Florida, as well as Scott Air Force Base in Illinois.
CCRF launches research impact dialogue

The Canadian Chiropractic Research Foundation (CCRF) funds research to discover the best, evidence-informed care for patients living with spinal dysfunction and disease. These investments build clinician expertise and validate the role of chiropractors as essential healthcare providers. In the past three (3) years, CCRF has awarded $1,200,000 ($CDN) to over 30 high-impact projects.

But what does “high-impact” really mean? What practical benefits does research deliver? To begin to answer these questions, the foundation is publishing Exploring Research Impact: A CCRF Discussion Paper. Based on a series of interviews conducted with our profession’s thought leaders, this succinct, highly visual and jargon-free paper will link historic research results to important outcomes. For example, advocacy specialists are using the 2018 Coalition for Safe and Effective Pain Management report to draw policy maker attention to opioid alternatives, such as chiropractic care.

At its core, impact is a simple concept, as the aim is to explain the tangible contributions research makes to society and the economy. This, in turn, helps prioritize the types of research influential groups would like to see. “When we sat down to think about the types of cohorts that would benefit from research, we began to see a pattern,” says Robert Harris, CCRF Executive Director. “This helped us draft the 5 Ps of Research Impact. This visual model will be included in the new discussion paper, and we’ll be asking for feedback to see if our supporters feel we’re on the right track.”

CCRF’s grouping of research beneficiaries is an important first step to quantify research impact, as in the past 15 years there’s been an increased focus by governments and institutes on this topic. “We need to be involved in discussions with highly regarded collaborative national networks, such as Research Impact Canada” continues Harris. “Building relationships with these cross-disciplinary specialists will help us identify fresh funding sources, learn more about knowledge translation and mobilization, and create dynamic new project opportunities”.

Delving into the world of research impact is crucial; however, it’s also vital to recognize different approaches have both strengths and limitations. As a case in point, the authors of a recent review paper conclude: (1) different approaches to impact assessment are appropriate in different circumstances, (2) the most robust and sophisticated approaches are labor-intensive and not always feasible or affordable and (3) though most metrics tend to capture direct impacts, more diffuse elements of the research-impact link can and should be measured. Thus, we need to be aware that research impact is a developing field with new methodologies on the horizon. All of this is to say that while the goals of research impact are clear, implementation requires careful planning, continuous learning and ongoing dialogue.

So why is research impact important? It’s directly important to improve patient care and provide reliable evidence of the safety of chiropractic interventions. It’s indirectly important to underpin changes in support for the profession, as insurers and health ministry representatives require data-driven evidence (e.g., cost-benefit analysis, utilization studies) that only well-designed and scientifically sound research can provide.

To learn more about CCRFs work in the emerging area of Research Impact, please contact info@chiroresearch.ca to receive an electronic copy of Exploring Research Impact.
We take care of you first.

- Not the bottom line.
- Not quotas.
- Not our executives.
- Not stockholders.
- You.

Learn more about how we help you and the profession:

ncmic.com
Over 60% of children experience spinal pain, study reports

Sixty-three percent of children reported one or more occurrences of spinal pain in a study recently reported in the European Journal of Paediatrics.

The study, involving a team of researchers from Denmark's Chiropractic Knowledge Hub (CKH), aimed to investigate the trajectories of spinal pain frequency from 6 to 17 years of age and describe the prevalence and frequency of spinal pain and related diagnoses in children following different pain trajectories.

First through fifth-grade students from 13 primary schools were followed for 5.5 years.

Occurrences of spinal pain were reported weekly via text messages. Children reporting spinal pain were physically evaluated and classified using International Classification of Disease criteria.

Trajectories of spinal pain frequency were modeled from age 6 to 17 years with latent class growth analysis. We included data from 1556 children (52.4% female, mean (SD) baseline age = 9.1 (1.9) years) and identified 10,554 weeks of spinal pain in 329,756 weeks of observation.

Sixty-three percent of children reported one or more occurrences of spinal pain. We identified five trajectories of spinal pain frequency.

Half the children (49.8%) were classified as members of a “no pain” trajectory. The remaining children followed “rare” (27.9%), “rare, increasing” (14.5%), “moderate, increasing” (6.5%), or “early-onset, decreasing” (1.3%) spinal pain trajectories.

The most common diagnoses in all trajectory groups were non-specific (e.g., “back pain”). Tissue-specific diagnoses (e.g., muscle strain) were less common and pathologies (e.g., fracture) were rare.

From childhood through adolescence, spinal pain was common and followed heterogeneous courses comprising stable, increasing, and early-onset trajectories.

These findings accord with recommendations from adult back pain guidelines that most children with spinal pain can be reassured that they do not have a serious disease and encouraged to stay active.

New study shows no increased CAD risk in older adults receiving SMT

Cervical artery dissection and subsequent ischemic stroke is the most serious safety concern associated with cervical spinal manipulation. In this new study, published in BMC Geriatrics, authors evaluated the association between cervical spinal manipulation and cervical artery dissection among older Medicare beneficiaries in the United States.

Prior to this research project, the largest study of the association of cervical spinal manipulation with cervical artery dissection (CAD) consisted of 966 cases. In this study, the sample size was more than 9 times as large at 9,021, providing a statistical advantage for studying an uncommon condition. This was also the first study to examine the relationship between cervical spinal manipulation and carotid artery dissection specifically in older adults, who tend to be co-morbid, at risk of stroke in general, and at risk for the adverse effects of analgesic medications (the primary alternative to cervical spinal manipulation for neck pain).

The odds of cervical spinal manipulation versus evaluation and management did not significantly differ between vertebral artery dissection cases and any of the control groups at any of the timepoints. Results for carotid artery dissection cases were similar. The various analyses consistently failed to show any increased risk associated with cervical spinal manipulation.

The paper concluded that in Medicare beneficiaries aged 65 and older who received cervical spinal manipulation, the risk of cervical artery dissection is no greater than that among control groups.


Modifying contextual factors likely to impact back pain, concludes study

A recently published systematic review coming out of AECC University College has suggested that contextual factors may play a role in conservative chronic low back pain care.

Contextual factors can be understood as the physical, psychological and social aspects that are part of the context surrounding a treatment. They are divided into 5 categories: 1) the patient's beliefs/attitudes and characteristics, 2) the therapist's beliefs/attitudes and characteristics, 3) the patient-therapist relationship, 4) the surrounding physical environment and 5) the characteristics of the treatment.

Examples of this are changing the patient's inappropriate or erroneous perception of illness using cognitive strategies for managing thought patterns or emotional responses. For example, modulating the patient-therapist relationship and the use of communication techniques (active listening, paraphrasing, verbal encouragement), as well as empathic and sincere interaction between patient and therapist can optimize patient outcomes.

The systematic review examined 21 primary studies involving just over 3000 participants.

In favor of contextual factor intervention(s), eight studies reported significant improvements in pain intensity, and seven in physical functioning.

The Chiropractic Educators Research Forum (CERF) is an online forum where chiropractic educators share their insights and learn new information about research and scholarship. It is a place for chiropractic educators to engage in research and the scholarship of discovery, integration, application, teaching, and engagement. Our Mission: To build scholarship and research capacity for chiropractic educators throughout the world.

Upcoming CERF conferences CERFweb.org

Keeping It Real: Practice-relevant Education
June 24, 2023
Practice-relevant skills, knowledge, and attitudes throughout education programs

Keeping It Real: Practice-relevant Education
As we help our students develop their cognitive, psychomotor, and affective abilities, we must keep in mind what product we are producing. Our graduates must demonstrate competency in relevant knowledge, skills, and attitudes to practicing healthcare in a professional and evidence-based* manner. Therefore, integrating practice-relevant skills, knowledge, and attitudes is essential throughout our programs. This conference gives chiropractic educators an opportunity to present what they are doing to make their program relevant to practice. Abstracts may focus on education research related to developing competency in practice-relevant skills, knowledge, and attitudes. * evidence-based = the intersection of best evidence, clinical expertise, and patient values.
Abstracts due March 7, 2023
Conference June 24, 2023

Battling Burnout: Raising Resilience in Education
December 2, 2023
Identifying burnout and building resilience in the psychosocial domain

Battling Burnout: Raising Resilience in Education
Burnout is a “syndrome conceptualized as resulting from chronic workplace stress that has not been successfully managed” (WHO) and interferes with daily activities. Resilience is “the process and outcome of successfully adapting to difficult or challenging life experiences, especially through mental, emotional, and behavioral flexibility and adjustment to external and internal demands.” (APA).
This conference gives chiropractic educators an opportunity to present what is being done to diminish burnout and build resiliency in the psychosocial domain. Abstracts may include projects related to measuring or abating burnout, or building resilience for faculty, staff, and/or students.
Abstracts due September 18, 2023
Conference Dec 2, 2023

The World Federation of Chiropractic is a sponsor of CERF
PIE Conference 2023 coming to the Canadian Memorial Chiropractic College in Toronto Canada, this July!

Craig Jacobs, PIE Conference 2023 Co-chair

The Canadian Memorial Chiropractic College (CMCC) is proud to host the 2023 Process of Integrating Evidence Conference (PIE), taking place July 13-15, 2023. The Conference agenda is now finalized and is packed with world class presentations by international leaders in the area of evidence-based clinical practice. This biennial conference, back in person this year, is a must for chiropractic educators and administrators.

PIE 2023 features interactive workshops as well as two streams for educators and administrators. This design allows for small group individualized development in teaching skills or curricular development.

Additional workshops and interactive sessions include:

- Searching the Scientific Literature, Dr. Natalia Tukhareli
- Critical Appraisal of Systematic Reviews, Dr. Jason Busse
- EBP as Reflective Practice and Global Experiences with EBP, Dr. Ted Crowther
- How to Read a Qualitative Paper, Dr. Silvano Mior and Melissa Atkinson-Graham
- How to Teach Shared Decision Making and Empathy, D. Natalia Tukhareli
- Integrating EBP Behaviours on the Clinic Floor, Dr Daphne To
- Critical Appraisal of Diagnostic Studies, Dr Carolina Cancelliere
- Institutional EBP Processes, Dr Anthony Tibbles
- EBP Goal Settings, Drs Katie Pohlman and Scott Dunham
- Becoming an Expert in Minimal Clinically Important Differences, Joshua Goldenberg

CMCC is honoured to host such a robust program in evidence-based practice skills. We invite all chiropractic institutions to send their faculty and administrators/curricular developers to enjoy leading edge current information to further advance this critical skill. Please note a limited number of travel stipends are available for chiropractic faculty.

Dr Gordon Guyatt, McMaster University, one of the founders of Evidence-Based Medicine

Dr Enas El Gouhary, Associate Professor, Pediatrics, McMaster University presents “RCTs: To Treat or not to Treat” and “Steps for Developing and Implementing an EBM Curriculum”.

Dr Carolina Cancelliere, Ontario Tech University and Project Lead for the Canadian Chiropractic Guideline Initiative. Dr. Cancelliere is presenting the journey of the development of the World Health Organization’s guidelines for low back pain from start to finish.

Dr Pierre Côté, Ontario Tech University, Canada Research Chair in Disability Prevention and Rehabilitation. He will present “Shared Decision Evidence Summary (ShaDES) Framework” to learn to incorporate the patient perspective on treatment options.

Dr Jason Busse, McMaster University, presenting new clinical practice guidelines on interventional procedures for spinal pain.

Dr John Stites, recently retired from Palmer College of Chiropractic is a leader in evidence-based clinical practice teaching skills utilizing creative methods such as film to inspire and engage faculty and students in skill development. He will present on the Foundations of Evidence-Based Practice.

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CMCC thanks NCMIC and the CCPA for their generous support.

https://www.thepieconference.org/
Top chiropractic researchers recognized with Sheikh Zayed international awards

Leading researchers Professor Michael Schneider and Professor Christine Goertz have been honored for their achievements at an award ceremony in the United Arab Emirates.

Both were recipients of the Sheikh Zayed Award for Traditional, Complementary and Alternative Medicine (TCAM) for their contributions in the field of chiropractic.

The award gives recognition to eminent TCAM academics and scientists for their distinguished contributions to improve the quality of life for humanity, and for contributing significantly in enhancing TCAM knowledge and practices around the world. Professors Schneider and Goertz traveled to Abu Dhabi in the United Arab Emirates to receive their awards, which were presented during a ceremony in October 2023.

Professor Schneider, a member of the WFC Research Committee, practiced as a chiropractor for over 25 years before obtaining his PhD in rehabilitation science at the School of Health and Rehabilitation Sciences at the University of Pittsburgh and has been conducting physical therapy and chiropractic evidence-based research at the university for 15 years. He says that receiving the award “was international recognition for the Primary Care Practitioner program and how it blends the best of physical therapy and chiropractic care.”

Also receiving an award was Professor Christine Goertz. Professor Goertz is the immediate past chair of the WFC Research Committee. She currently serves as a Professor in Musculoskeletal Research at the Duke Clinical Research Institute and Director of System Development and Coordination for Spine Health in the Department of Orthopaedic Surgery at Duke University.

The award is named after the late Sheikh Zayed Bin Sultan Al Nahyan, the founder of the United Arab Emirates (UAE) and a visionary statesman who devoted his life to building a strong foundation for an advanced society that benefits everyone, placing a high value on human capital and making significant investments in healthcare both within the UAE and abroad.
WFC Public Health
HEALTH PROMOTION CAMPAIGN
Chiropractic helps keep people active!

Let's Be Active
Everyone Everywhere Everyday

Show your support for the WFC Public Health Campaign on Physical Activity!

Sign up here https://bit.ly/PhysActive
Gelley awarded PhD from University of Manitoba

Dr Geoffrey Gelley successfully defended his PhD thesis on 30 November 2022 at the University of Manitoba.

Dr Geoff Gelley

Dr Gelley’s dissertation was titled “Motor performance of participants with chronic neck pain and asymptomatic participants pre- and post-spinal manipulation using separate eye and neck movement Fitts’ tasks”.

His co-supervisors were Dr Steven Passmore (Faculty of Kinesiology & Recreation Management) and Dr. Brian MacNeil (College of Rehabilitation Sciences). His examination committee included Dr. Walter Herzog (Faculty of Kinesiology, and Department of Mechanical and Manufacturing Engineering, University of Calgary) Dr. Kristine Cowley (Department of Physiology & Pathophysiology), and Dr. Cheryl Glazebrook (Faculty of Kinesiology & Recreation Management).

Dr. Gelley has been a chiropractor in practice for more than 30 years. His work resulted in several publications throughout his time in the PhD program.

Greater diversity required in chiropractic

A recently published paper has shown that significant gaps remain when it comes to professional diversity in chiropractic.

All registered members of the Canadian Chiropractic Association (n=7721) were invited to participate in a web-based survey between May and June 2021. Survey questions explored diversity with respect to personal demographics (age, sex, gender, sexual orientation, race, ethnicity, language) and practice characteristics (community setting, practice type).

A total of 3143 survey responses (response rate-41%) were received. The average age of the sample was 44.7 years. Forty-five percent were female with the same proportion (45.2%) self-identifying as women. Ninety-one percent of the sample self-identified as heterosexual. With respect to race, 80% of respondents were Caucasian. Seventy percent of chiropractors in the sample identified with Canadian ancestry and 29% with European ancestry.

(continued)
Chiropractic Care and Quality of Life Among Office Workers with Nonspecific Pain

Nonspecific pain among office workers has gained recognition as a substantial health problem that interferes with quality of life. Prevalence of nonspecific pain has been reported to be as high as 93%. However, until now, no study has evaluated quality of life using World Health Organization's Quality of Life short version survey among office workers with nonspecific pain receiving chiropractic care.

A cross-sectional analysis was performed to explore the quality of life among office workers with nonspecific pain after chiropractic care.

The results found that Numeric Pain Scale scores decreased significantly when compared with baseline (P ≤ .05). The descriptive statistical analysis of quality-of-life dimensions revealed that women had significantly higher scores than men, the 18-to-35 age group had higher scores compared with the 50-to-65 age group, and those married had significantly higher scores than those who were not married (P ≤ .05).

These findings suggest that chiropractic care has positive effects on the quality of life of office workers.

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The Journal of Chiropractic Medicine is a peer-reviewed journal devoted to providing a forum for the chiropractic profession to disseminate information dedicated to the developing primary care emphasis within the profession. The journal focuses on providing practical and applicable information for practicing chiropractors and other healthcare practitioners. Content is devoted to the presentation of cases from a wide variety of conditions, reviews of literature, and original data reports, all of which help keep the practitioner in the field up to date with the latest trends and interests in patient care. It is important to document the full scope of practice activities within chiropractic and adjunct therapies. There is an increasing emphasis upon scientific evidence with respect to treatment protocols, for reimbursement and, most importantly, for better patient care. The JCM provides a place for the profession to share and disseminate this information.
Chiropractic Educational Programs and Recommendations for Celebrating Education on Chiropractic Day

Chiropractic education has grown substantially over the past 125 years. Chiropractic programs are important because they contribute to the future global chiropractic workforce. Whether someone is a student learning to become a chiropractic practitioner or an alumnus fortifying knowledge and skills to stay current in practice, education is an essential component of the chiropractic profession.

Reviewing how far education has come and where it is now can help us to celebrate chiropractic. This article provides an overview of the growth of chiropractic education, a chronological list of current training programs, exemplars of enduring programs, and offer suggestions for how chiropractic practitioners may celebrate chiropractic education on Chiropractic Day.

CLICK HERE for your free copy
Greater diversity required in chiropractic (continued)

In comparison to the Canadian population, some visible minorities were underrepresented. The greatest discrepancy between the Canadian population and the sample was in the proportion of Black and Indigenous chiropractors. The study concluded that there is little racial and ethnic diversity in the chiropractic profession compared to the Canadian population, with Black and Indigenous peoples being underrepresented.

WFC Secretary-General Richard Brown

New paper affirms limited role for surgery in spine care

Spinal surgery for all forms of back pain (other than for radicular pain and disability from neural compression, cancer, infection or gross instability) is unsupported by clinical data, and the broader evidence base for spinal surgery in the management of LBP is poor and largely ineffective, says a new study published in the Medical Journal of Australia.

Instead, the paper concludes, chronic low back pain should be managed with a holistic biopsychosocial approach of generally non-surgical measures.

This narrative review focused on studies of any design involving adult patients (aged ≥ 18 years) with axial pain affecting the region of the lumbar spine. The focus was on patients experiencing axial LBP secondary to non-specific degenerative changes such as facet arthropathy, disc degeneration and soft tissue abnormalities.

“The evidence supporting spinal surgery for the treatment of LBP in the absence of neural compression, infection, cancer, or gross instability is sparse and contrasts with the increasing frequency at which this surgery is being performed,” the study reports. It goes on to note significant bias from sponsoring industry and device manufacturers, where low quality and poorly designed studies reach conflicting conclusions.

The study concludes: “Surgical intervention for LBP has increased substantially among Australian patients, and disproportionately among those with private health insurance. The contribution of industry toward this increase, and their role in the conduct of published research, requires further scrutiny.”

WFC Secretary-General Richard Brown commented, “Chiropractors can play an important and cost-effective role in the non-surgical management of many spine-related disorders. Hands-on care, such as spinal manipulation or adjustment, exercise prescription, lifestyle advice and education, and other rehabilitative approaches, can all contribute positively to patient outcomes.”

“The paper’s recommendation of a holistic, biopsychosocial approach to spine care is also a powerful endorsement for chiropractic’s inclusion in tackling the global burden of spine-related pain and disability.”

Leading researchers gather for Danish conference

Between November 10 and 12, the Danish Chiropractic Association (DCA) and the Chiropractic Knowledge Hub (CKH) welcomed Danish Chiropractors to the 6th Biannual Chiropractic Congress in Odense, Denmark for three days of plenary presentations and discussions, postgraduate development courses, student events and awards.

With over 50% of Danish chiropractors attending the event, the congress is the highlight of the year in the Danish chiropractic community, updating attendees on the state of chiropractic and presenting new knowledge.

The congress is renowned for bringing in the top figures in Danish healthcare and some of the best domestic and overseas researchers in the musculoskeletal field, and the 2022 congress was no exception.

Speakers at the congress included decision makers from the Danish Health Service and guest speakers from the international chiropractic community, including Michael Christensen, chairman of the DCA; Annette Blynel, chairman of the Danish Chiropractic Fund, and Anette Lykke Petri, Director at the Danish Patient Safety Authority as well as Professor Greg Kawchuk from the University of Alberta; Professor Dave Newell from AECC University College (UK), Professor David Byfield, Welsh Institute of Chiropractic (WIOC), and a host of Danish researchers from the University of Southern Denmark, the Chiropractic Knowledge Hub and other Danish institutions.

Chiropractor Mikael Busse received the Chiropractor of the Year award for his commitment to chiropractic and Emma Engelsholm, Fie Hestbech, Inge S. Hvidkaer and Amanda N. Traidl received the Best Graduate Thesis award.

Participants in the congress were treated to an abundance of new information and treatment input intertwined, and a packed social program. This included a welcome reception at the home of world-famous writer Hans Christian Andersen, a tour and dinner at Odense Zoo, and the traditional end-of-congress party.
Process of Integrating Evidence (PIE) for CIH Educators

Thursday, July 13 to Saturday, July 15, 2023
Toronto, Ontario

Registration is now open!

Join us at CMCC for the Process of Integrating Evidence (PIE) for Complementary and Integrative Health (CIH) Educators in July 2023. Details for agenda and speakers are posted on the conference website at www.thePIEconference.org.

Similar to past PIE conferences, two tracks will be available:

- The teaching track is for classroom and clinic educators who will benefit from small group work, prepare and deliver an evidence-based practice (EBP) teaching module and receive supportive feedback.

- The administrative/curriculum development track blends basic EBP education with strategy development, focusing on institutional initiatives and cultural change resources.

Both tracks will attend keynote, plenary and interactive workshops led by international leaders in EBP education. Keynote speaker is Dr. Gordon Guyatt, McMaster University.

www.thePIEconference.org

“Let me start out by saying that the conference was fantastic. You and your team deserve a great big round of applause for how smoothly and effortlessly you made it look. I enjoyed myself and learned so much. I look forward to attending the next PIE conference. Thank you for a wonderful experience.”

Shari Wynd, DC, PhD
First post-pandemic in-person ACA Engage to be held in Washington DC

ACA Engage, ACA’s annual conference, will take place Jan. 25-28, 2023, in Washington, D.C.

It will be the first year since the start of the COVID-19 pandemic that delegates and members will meet in person.

The event brings together doctors of chiropractic, students and industry leaders from across the U.S. to network, learn and advocate for pro-chiropractic issues and legislation.

Engage will feature a full day of lobbying on Capitol Hill, giving attendees the opportunity to meet with their legislators and discuss important issues affecting the chiropractic profession and its patients. The ACA House of Delegates will also convene during the conference to hold elections, deliberate important issues and conduct association business.

In addition, Engage 2023 will offer a variety of education sessions, leadership-development opportunities, presentations by chiropractic thought leaders, and information on products and advances in the industry.

Visit acatoday.org/engage for more information and to register.

Chiropractic features strongly in Philippines health conference

The Integration of Traditional Medicine into Universal Healthcare was the theme of the 14th TAMA month conference hosted by Philippine Institute of Traditional and Alternative Health Care (PITAHC), Department of Health (DOH) this November 16-17, 2022 at the Heritage Hotel Manila. The conference was attended and opened by the Secretary of Health, Hon. Maria Singh-Vergeire, USEC Francia Laxamana, ASEC Charade Mercado Grande and other ranking members of the DOH. They spoke about the importance of Traditional Medicine in creating a healthier population.

Chiropractic is specifically mentioned under the TAMA Act of 1997 which aims to improve health of the nation through Traditional Medicine. In this context the Association of Professional Chiropractors of the Philippines (APCP) was invited to host a breakout session where a range of topics were addressed.
Montreal convention and trade show a hit for CCA

This past October 2022, the Canadian Chiropractic Association’s (CCA) biennial National Convention & Tradeshow (NCT) returned after an unanticipated hiatus with an inspirational, educational, and motivational two days of programming and special events in Montreal, Quebec.

The NCT’22 theme – *Chiropractors: A Part of Every Canadian’s Healthcare Team* – was chosen to align with the CCA’s overarching vision for the integration of chiropractic into Canada’s healthcare system as the primary musculoskeletal care providers wherever possible by the end of 2023. With over 35 keynote and breakout sessions led by more than 50 subject matter experts, 270 Canadian chiropractors and chiropractic students were engaged on the latest research projects, participated in hands-on skills development, learned about new and emerging trends in chiropractic and healthcare, gained insight into how the patient experience can be enhanced. The CCA was also pleased to have WFC Secretary General Richard Brown as a keynote speaker during its National Leadership Summit, which preceded NCT and brought together chiropractic organizations and stakeholders from across Canada to discuss issues and opportunities of mutual interest.

Member feedback was overwhelmingly positive about the diversity of the program, speakers, and the continuing education opportunities. While the CCA is proud of the virtual events it has offered members over the past few years, the chance to come together during NCT’22 to share information and connect again created a palpable energy amongst those in attendance.

Due to capacity constraints and an abundance of caution for Covid-19, attendance was more limited than in previous years, and tickets for NCT’22 were in high demand with both the convention and gala selling out before the deadline. The CCA reports, "As we look ahead to our next National Convention & Tradeshow, planned for April 2024 in Toronto, Ontario, we are excited to welcome more members from across the country for expanded, timely, and relevant continuing education opportunities that aim to best position Canadian chiropractors to deliver positive patient care and experiences.

"We plan to offer enhanced learning streams based on diverse member interests, including workshops with hands-on components, and encourage speakers from around the world to bring international perspectives and insights."

Dr Michele Maiers addresses a packed audience at the CCA Convention and Tradeshow

WFC Secretary-General Richard Brown delivered the keynote address at the CCA Stakeholder Summit
In November 2022, the British Chiropractic Association (BCA) launched its new Patient Charter to its members and the general public, as part of the second phase of its ‘Repositioning Project’ which aims to continue the BCA’s mission to be ‘the home of chiropractors who put patients first’.

The Patient Charter is a pledge, from BCA chiropractors to their patients, to remind them of the quality care they’ll receive which is laid out in such a way that any patient can start a conversation from it, and any chiropractor can explain clearly and easily.

Created by the BCA to provide patients with reassurance, the Patient Charter clearly shows why BCA chiropractors are different from any other chiropractors. It will act as a transparent agreement between patients and BCA chiropractors, ensuring that patient-centered, evidence-informed care is provided at all times.

In a bid to end misconceptions and myths about the chiropractic profession, the Patient Charter highlights that chiropractic is a strongly regulated and rigorous profession, with regulation helping to provide consistency, such as the standard of education and training required. Chiropractors are regulated by law and required to adhere to strict Codes of Practice, in the same way as dentists and doctors.

President Catherine Quinn commented, “The Patient Charter is a pledge that every one of our BCA Chiropractors can be proud of. It proudly reiterates the reputation for BCA chiropractors as being credible, evidence-informed, ethical experts working within the modern healthcare sector.

“Every BCA Chiropractor recognizes their role, as the healthcare professional, to help empower the patient to make an informed decision about their treatment that is based on individual needs. This patient-centered approach is at the core of everything we do at the BCA.”

The ‘Repositioning Project’, which has played a pivotal role in changing the healthcare landscape for the better since it launched last year, is the most far-reaching consultation in the BCA’s 97-year history. Since the completion of the project, the BCA has continued to use its extensive consultation program to further address any gaps found, specifically the way in which the association is communicating its high standards with patients.

The Patient Charter is the second phase of this project, and work will continue into 2023 to further address how the BCA is committed to continuous improvement.
The Patient Charter commits BCA members to delivering patient-centered care.
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Chiropractic represented during Vatican event to promote just and sustainable economy

Dr Kelly Kimball is a 2019 graduate of Palmer College of Chiropractic. Having completed her undergraduate studies at Georgetown University, Dr Kimball returned to Washington D.C., where she has established Agape Family Chiropractic.

As well as making her mark as a student, which included being the valedictorian at her graduation, she interned at the offices of the International Chiropractors Association. Below, she describes her experiences at the Economy of Francesco event in Assisi, Italy.

"In May of 2019, Pope Francis invited young people from around the globe to a conference dedicated to creating a more just and sustainable economy. At the time of my application, I was still in chiropractic school, and I wrote about the importance of individual health in the global economy, as well as the environmentally, socially, and economically sustainable aspects of chiropractic as a profession. When the covid-19 pandemic hit, my application became more relevant than ever, as we watched the relationship between health and economics play out on a global scale.

"My application was accepted, and I was invited to attend the conference, which was originally scheduled for March 2020 in Assisi, Italy. Due to travel restrictions, the Economy of Francesco took place virtually in November of 2020, with a follow-up virtual event in October of 2021. We were finally able to meet in person in Assisi this September 22-24, 2022.

"During the conference, I had the privilege of giving chiropractic a seat at the table with healthcare economists from around the globe as we discussed solutions to inequalities in health and healthcare. We met in small working groups during the first two days of the conference to discuss problems and brainstorm solutions. Chiropractic is a powerful global solution to inequalities in health and healthcare because it requires few resources, produces little to no medical waste, and can have a powerful positive impact on the individual's overall health and wellness. Many of the other participants were excited about the possibilities that chiropractic could offer their respective countries.

"On the last day of the conference, we presented Pope Francis with a commitment to building a more sustainable economy, and Pope Francis offered remarks. He focused on three key concepts: looking at the world through the eyes of the poor, creating dignified and well-paid work, and focusing on the incarnation of our ideas into practical action. When speaking about incarnation, Pope Francis talked about uniting our head, heart, and hands to make a sustainable economy a reality. BJ Palmer often spoke about uniting our head, heart, and hands, borrowing this concept from his friend and mentor Elbert Hubbard. The unity between the three is crucial to actualizing our good intentions and making a positive impact on the global economy."
Chiropractor represents Hong Kong in World Dodgeball Championships

Hong Kong, a former British colony, has been heavily influenced by Western culture. This is especially evident in its sporting scene: horse racing boasts the most spectators, while soccer, basketball, badminton, swimming, table tennis and cycling have the most participants.

The Western influence has continued to grow with the introduction of Dodgeball, a popular sport among American school children. The Dodgeball Association of Hong Kong, China, was created in 2006 to help increase the sport's popularity.

Dr Shun Zhe Piong was born and raised in Malaysia. He moved to Hong Kong to pursue a career as a chiropractor under NYMG (EC Healthcare), which has gifted him the opportunity to work hard and play hard. With his athletic ability and a love of Dodgeball, sport has been his driving force to excel as a chiropractor. His clinical knowledge and skills as a chiropractor have allowed him to seamlessly understand how the body works and how all joints and muscles function as a unit which improves his performance overall.

Dr Piong started playing Dodgeball during college and discovered a flair for the sport. He was selected to represent Malaysia at the World Dodgeball Championship where he was one of the youngest athletes to compete at the highest level.

In 2022, Dr Piong was selected to represent Hong Kong, again at the World Dodgeball Championships, which were held in Edmonton, Canada. Team Hong Kong achieved fourth place in the Mens' (Foam) competition, making history for the country.

Being a two-time Dodgeball world championship competitor reflects Dr Piong's attitude to both sport and chiropractic. He emphasizes the need for discipline throughout:

"Working at NYMG has brought me many opportunities and has helped me to reflect on how the world revolves."

"It has also better exposed me as to what chiropractic can do and what opportunities exist," he commented.

"NYMG has been a great learning place and definitely a pioneer for modern chiropractic.

"All in all, Dodgeball and chiropractic have been my strength and pillars of my life. I'd say, I wouldn't have it any other way."

Dr Shun Zhe Piong has competed for both Malaysia and Hong Kong in the Dodgeball World Championships
World Spine Care Canada and Pimicikamak Okimawin announce new collaborative project to improve access to spine care

World Spine Care Canada and the Indigenous leadership of Pimicikamak Okimawin (Cross Lake First Nation) are pleased to announce a research project and health service in Cross Lake, Manitoba, Canada. The project is made possible through funding from Health Canada, the Canadian Chiropractic Association, the Canadian Chiropractic Research Foundation, and the Skoll Foundation.

Access to spine care is most challenging in remote areas. As part of the project, Cross Lake residents experiencing symptoms and disability due to back and neck pain will be offered spine care services at no cost. The goal is to reduce their symptoms and disability, improving their quality of life and their ability to participate in daily activities. Health Canada funding supports the operation of a new service offered at the Nursing Station in Cross Lake. Dr Jennifer Ward, a Ph.D. candidate at the University of Manitoba, and herself an Indigenous chiropractor from Natoaganeg, NB, who is working in Opaskwayak Cree Nation, will provide the hands-on care.
World Spine Care Canada and Pimicikamak Okimawin announce new collaborative project to improve access to spine care (continued)

Many people seek care and receive prescription opioids for their condition. It is widely recognized that opioids can lead to other serious health issues. Back and neck pain represent a major expense for governments, estimated at over $16 billion annually in Canada. This project facilitates access to high-quality, low-cost, non-pharmaceutical, and non-surgical care for low back and neck pain as the first step in a comprehensive spine care model. This study is funded by a contribution from Health Canada’s Substance Use and Addictions Program (SUAP).

“Indigenous Peoples carry a disproportionate burden of the harms related to substance use, including opioids,” said The Honourable Carolyn Bennett, Minister of Mental Health and Addictions and Associate Minister of Health. “Organizations like World Spine Care Canada make a significant difference in helping Indigenous communities struggling with chronic pain build evidence for the culturally sensitive and trauma informed health supports they need. Initiatives like ‘Reducing barriers to conservative spine care to minimize opioid exposure: A global spine care implementation’ will help improve the quality of life of Indigenous people living with spinal issues and reduce substance use harms in the Cross Lake First Nation Community in Manitoba.”

This initiative also includes training local clinicians on the Global Spine Care Initiative (GSCI) model of care and a community-based, educational movement program informed, in part, by traditional Cree dance styles.

Pimicikamak, a Nation of approximately 8,500 people on the reserve, has suffered from an overburdened healthcare system and its citizens face increasing health concerns.

“Pimicikamak is pleased to participate in the Global Spine Care Initiative (GSCI) research project,” says Chief David Monias, Pimicikamak Okimawin. “This research will provide us with statistics and assist the team in examining and understanding how spinal issues may or may not cause spinal pain and/or poor motor skills. The most important part is the potential to advance best practices in therapies, health, and wellness to help people with spinal pain experience improved motor function and increase their quality of life.”

This project is part of the GSCI, the scientific arm of World Spine Care, which aims to work with underserved communities worldwide. According to the GSCI, rates of chronic back pain are higher in low- and middle-income countries. Still, they can also be high in rural areas of higher-income countries where access to healthcare is limited.

This research aims to better understand the interest and capacity of the community to welcome change and work with individuals, as well as listen to community voices, including those of patients, local leaders, and Nursing Station staff. In partnership with leaders and clinicians, the knowledge gained will facilitate capacity building in the community and culturally adapt and implement the GSCI model of spine care. World Spine Care is honored to work with Pimicikamak Okimawin to reduce the impact of spine-related disability in Cross Lake.
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ICRS feature: how does the public view the trustworthiness of chiropractors?

Donna Cohen, Executive Director

The International Chiropractic Regulatory Society was honored to present this issue earlier this month at a plenary session of the WFC ACC Global Education Conference.

With over 50 programs worldwide now graduating chiropractors, trustworthiness as well as consistency are critical for the profession.

Part of a broader topic of “Preparing Students for Regulatory Compliance”, ICRS executive director Donna Cohen presented an informal research project tabulating the number of negative headlines with the words “chiropractor” or “chiropractic” over a nine-month period as searched through Google.

The result was that over an average of 9.2 out of 10 days a negative headline was published somewhere in the US, Canada, Australia, UK, and other countries throughout the world.

This session also offered an opportunity to explain the mechanics of chiropractic regulation, common offenses (sex, fraud, and record keeping), and how boards most typically respond.

Also present to offer information about the ICRS and regulatory issues was Mrs. Glenys Sharman, registrar of the Chiropractic Board of New Zealand.

Ms Cohen observed how connected we are (and need to be), noting that ideas are not meant to simmer alone on our regulatory stoves, but must be shared, tested, stretched, re-evaluated, modified, and implemented.

The ICRS has a number of other issues currently under review:

- Mobility with accountability
- How do we determine what is in the public interest?
- Professionalism in the public eye / ethics
- Continuing education / continuing professional development
- Regulatory relationships with professional associations
- Transparency vs. confidentiality
- Challenges posed by the COVID pandemic / vaccinations
- Impaired practitioners
- Preparing for cyber disruption
- Overlapping scope of practice: therapies, veterinary care
- Making the case for regulation with other government agencies

Plans for another Zoom-based Forum are underway, tentatively in April 2023. In addition, the first full in-person ICRS Forum since 2019 will be held in conjunction with the WFC’s Biennial Congress in October 2023, taking place at Australia’s Gold Coast.
How many chiropractors does Switzerland need?

ChiroSuisse has commissioned a research and consulting company to carry out a needs analysis of the medium and long-term care situation for patients with back problems. A possible shortage of chiropractors is becoming apparent.

ChiroSuisse has commissioned a needs analysis to assess the future care situation for patients with back pain. The research and consulting company INFRAS concludes that an under-supply of chiropractors is to be expected by 2035. Of the approximately 300 practising chiropractors in Switzerland, one third will retire in the next 10 years. This means that more specialists will give up their practices than those trained by the university will enter the labour market.

Already today, chiropractors have to turn down patients; on average three per week, as a quick survey on the occasion of the annual continuing education in September 2022 in Ticino showed.

Because the number of places for chiropractic studies in the German-speaking part of Switzerland is very limited and no training is possible in its French-speaking part, the supply of chiropractic treatments cannot be guaranteed in the medium term.

In order to counteract the shortage of chiropractic treatment, a chair is needed in French-speaking Switzerland. Efforts are underway to establish this. There is still a long way to go.

FLAQ reports increased activity for 2022

During 2022, the Latin American Chiropractic Federation participated in different events both virtually and in-person to support the region’s chiropractic educational institutions and chiropractors.

In August 2022, the Latin American Chiropractic Federation (FLAQ) held its Annual Meeting 2022 via Zoom, attended by the national associations of 10 countries: Argentina, Brazil, Bolivia, Chile, Colombia, Guatemala, México, Panamá, Perú, and Puerto Rico. The 2023 Annual Meeting will see a hybrid format to enable the maximum participation of chiropractors in the region.

During the year, FLAQ participated in two congresses in México. Held September 23-25 in México City to celebrate the centenary of chiropractic in México, FLAQ representatives (Carlos Ayres and Gabriela Flores) attended and met with representatives of México’s three chiropractic schools. FLAQ also attended an international congress held December 9-10 in Toluca, featuring speakers from around the world.

Furthermore, FLAQ participated on the ABQ (Brazilian Chiropractic Association) Congress held in November. The current president of FLAQ, Juliana Piva DC, gave a presentation about the FLAQ, its mission, vision and objectives in order to have more participation from Brazilian graduate and student chiropractors.

The final FLAQ of the year was held in December. During this meeting, the different commissions of FLAQ delivered reports of their work and presented future projects for 2023.
FICS delivers sports chiropractic training in Malaysia

The Sports Chiropractic Council Malaysia is the representative member of FICS form Malaysia.

In November, the International Chiropractic Sports Federation (FICS) was at the International Medical University in November to deliver an International Chiropractic Sports Certification (ICSC) Upper Extremity Seminar. The seminar, offered to full time chiropractors and final year students, was a sell-out event and arrangements are being made to repeat the event in 2023.

Led by Dr Martin Camara, Dr Christine Foss and Dr Thomas Shawn Halyk, the seminar participants were trained in a range of joint and soft tissue treatment interventions and protocols. These included on-field head injury assessment protocols and concussion evaluation.

Participants were also trained in taping, adjusting and mobilization procedures.

The event was hailed by organizers, instructors and participants as a great success.

The International Certificate in Sports Chiropractic (ICSC) program offers individual chiropractors the credentials required to work at FICS events worldwide. It is the minimum qualification required to be part of a FICS chiropractic delegation at regional sporting events and international events such as the regional and world championships and the World Games. For those interested in starting the program visit the FICS website at https://fics.sport/education/.
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'Chiropractic on the front line for pain' theme of ACA Chiropractic Health Month

During National Chiropractic Health Month in October, the American Chiropractic Association (ACA) promoted non-drug pain management with the theme “Chiropractic: On the Frontline for Pain.”

In the wake of the ongoing opioid crisis in America, ACA brought attention to research and growing support in the healthcare community for non-drug pain management as a first line of defense against common musculoskeletal pain.

Doctors of chiropractic nationwide collaborated with ACA, taking to social media and local government offices to highlight ways that chiropractic is “on the frontline for pain.”

ACA counted a record 74 NCHM proclamations this year, with 17 state governments and 57 cities proclaiming October as National Chiropractic Health Month and celebrating chiropractic in their communities.

Learn more at acatoday.org/NCHM.

Professional footballer balances career with studying chiropractic

Fourth year chiropractic student Ella Pusey juggles her degree work with a full time professional football contract with Southampton FC.

First selected by the Hampshire Centre of Excellence Academy, Ella had the opportunity to play at both Arsenal and Chelsea and at the age of 15 she was selected to play for England. However, her dreams were dashed by an ankle injury, which ruled her out of contention.

She says, "While having issues with my ankle, I saw a chiropractor regularly to support my recovery. Seeing a chiropractor is what made me want to study chiropractic myself. Juggling my contract while studying for my Master of Chiropractic degree takes work - I train four times a week from 10:30am to 6:00pm, which means I get up early and go to bed late.

"I'm really loving studying chiropractic. The teaching staff at AECC University College are really supportive and give me the flexibility I need. My friends come to games and support me. The campus has a real community feel, which I love."
World mourns passing of South African chiropractic legend

Dr Anthony Glynn Till, widely regarded as one of the architects of chiropractic's evolution in South Africa, has passed away at the age of 84 after a long illness.

A 1962 graduate of Lincoln College of Chiropractic, Indiana, USA, Glynn Till quickly became active in chiropractic politics and spent years serving on chiropractic boards.

In his year of graduation, 1962, a Commission of Inquiry into Chiropractic published its findings, which did not favor the chiropractic profession. Further struggles followed and in 1971, the Chiropractors Act was passed. Far from being a positive step, the Act only provided for the licensing of existing chiropractors and chiropractic students, meaning that the profession would eventually die out.

Following a meeting with the Minister of Heath in 1977, an agreement was reached that amendments to the Act would be considered contingent on the provision of three documents: a memorandum of the current state of the chiropractic profession; a rebuttal to the findings of the 1962 inquiry; and answers to questions raised in the South African Parliament during the passing of the Act in 1971.

In response, Dr Till was the principal author of a 316-page document, practicing by day and drafting by night, with the assistance of global figures including Andries Kleyhans and Joseph Janse. The document was augmented by a film, featuring Drs Till and Brian Dallas, demonstrating the orthopedic and neurological assessment of the low back pain patient.

Following five years of tireless effort, in 1982, Act 63 came into being, the Allied Health Professions Act.

In order to implement chiropractic education in South Africa, in 1984 Dr Till, along with Dr Mario Milani and Dr Pim van der Veen undertook a month-long overseas trip visiting 8 chiropractic institutions in the USA, Canada and UK, two accrediting agencies (CCE-US and CCE-Canada), 4 naturopathic colleges, 1 osteopathic school and 5 homeopathic institutions.

On their return, Dr Till wrote a comprehensive report of their findings and submitted recommendations to the Department of Health.

So it was that 18 months after the passing of the Act, regulations were drafted and, in 1985, further amendments addressed the final two issues, those being opening of the Register and provision for chiropractic education in South Africa.

What was then Technikon Natal (now the Durban University of Technology) was selected to become the first institution to offer a chiropractic program in South Africa. Agreements were signed in 1985 and the first cohort of students commenced their studies four years later in 1989.

With no specialist staff available to bring the program into line with international standards, in
World mourns passing of South Africa chiropractic legend education (contd)

order to facilitate the commencement of the program, Dr Till sold his house, closed his practice and relocated to Canada to undertake a four-year residency program in clinical sciences at CMCC. Whilst there, he engaged in research and passed his Canadian Board examinations.

With the new Durban program commencing in 1989, Dr Till remained in Canada before spending a year teaching in Melbourne, Australia, teaching Diagnostics at the Royal Melbourne Institute of Technology in preparation to return to a teaching role on Technikon Natal.

In 1990, Dr Till became the first head of department at a chiropractic educational program in South Africa. At Technikon Natal, he planned each clinical course, developed curricula, taught all of the new courses and structured examinations. He was also responsible for designing the outpatient clinic and planning the clinic internship program.

Further groundbreaking developments followed, with the opening of an integrated clinic at Kimberley Hospital consequent on a landmark agreement with the Northern Cape Department of Health. This allowed sixth year chiropractic students to be exposed to a hospital setting.

In 2000, following decades of contributing to the development of chiropractic profession in South Africa, Dr Till relocated to Canada and, in 2001, he was appointed Associate Dean at Canadian Memorial Chiropractic College. During this time, he converted the academic program to an outcomes-based format and presented at a number of conferences. He stepped down from his role at CMCC in 2007.

From Canada, Dr Till moved to Scotland, where he attempted a brief retirement playing golf and taking singing lessons, performing in opera and at the BBC Proms.

Dr Till returned to South Africa in 2012. After a period renovating his house and garden, he felt a desire to return to practice, rewriting his entrance exam before opening a new practice in Franschhoek in 2014. With governance changes taking place in CASA, he did not hesitate to volunteer as a consultant to its Senior Advisory Panel, providing invaluable insight and contributing to a number of high level activities, including the Health Market Inquiry submission.

Following news of his passing, CASA Past President and WFC Board member, Dr Kendrah Da Silva said, "Dr Till was an inspiration to so many generations of chiropractors in South Africa and the epitome of servant leadership. Chiropractic, both here and around the world, has so much to be grateful for and he will forever remain in our hearts."
Malaysia celebrates first DACBR

Dr Pei Shen Tay has become the first Diplomate of the American Board of Chiropractic Radiology. Here, she reports on her journey to acquire this prestigious qualification.

My humble journey started one ordinary weekday evening when I was working as a chiropractor at International Medical University (IMU) Chiropractic Centre. An elderly lady was brought in by her son following a fall and was unable to move her arm. I decided to refer her to IMU Medical Clinic for x-rays of her shoulder. Unfortunately, there was no radiologist on site in the evening, so I had to write a referral letter to an orthopedic specialist. Being a fresh graduate with minimal exposure to medical referrals, I gathered up my confidence to write up a referral letter for a posterior shoulder dislocation - which is not a common presentation of a shoulder dislocation.

Since then, I decided to pursue the residency in diagnostic imaging to earn a Diplomate of the American Chiropractic Board of Radiology (DACBR) certification to be a chiropractic radiologist who can confidently analyse x-rays and other advanced imaging such as MRI. With the help of my previous chiropractic radiologist lecturer, Dr Kenneth Reckelhoff, I was introduced to the residency program in New Zealand College of Chiropractic (NZCC), the only chiropractic program in the southern hemisphere that offers this opportunity. I was told from the beginning that this journey will be a long one and it was very true!

It all started in 2017 where I wrote an email to Dr John Bassano, the residency director of NZCC, to enquire about the requirements needed to enter this residency program: First I needed to be a registered chiropractor in New Zealand, then pass the residency exam and interview.

And so the adventure towards my goal began, I started preparing for the Council of Chiropractic Education Australasia (CCEA) board exam in order to be registered and practice as a chiropractor in New Zealand. I was lucky to have a senior to guide me and friends to take the board exam with me. After passing my CCEA boards, I traveled to NZCC in 2019 for my residency exam and interview.

It was perfect timing when I was accepted and managed to slip my way into New Zealand to start the residency right before the pandemic started in early 2020. I had the opportunity to be trained under a very knowledgeable chiropractic radiologist, Dr Bassano, who is the residency director in NZCC. He has trained multiple chiropractic radiologists in Los Angeles Chiropractic College (LACC) and in NZCC. I’ve had (continued)
Malaysia celebrates first DACBR (continued)

weekly didactic and film sessions with him as part of my training. This residency program was also designed to train residents to be an educator, so I was taught to assist and teach certain subjects in the chiropractic program in NZCC. During my time there, I got to meet wonderful colleagues who have made my experience in New Zealand even better!

After 2 years of training from Dr Bassano, I went on and sat the American Chiropractic Board of Radiology (ACBR) exam. I was fortunate to be able to sit Part 1 of the examination remotely from New Zealand until the borders opened just in time for me to travel to Palmer College of Chiropractic in Davenport, Iowa for my Part 2 exam! Dr Bassano and I were sponsored by NZCC to attend the ACBR conference this year in Cleveland, Kansas for continuing education and to receive my DACBR certificate. It was a great opportunity and experience to connect and meet other chiropractic radiologists and residents, as well as Dr Reckelhoff, who taught me all my radiology basics way back when I was a chiropractic student.

I am currently juggling a few jobs with my new qualification up my sleeves. While being a full-time chief resident in NZCC, I am also presenting online lectures for the Radiology course in IMU, as well as reporting films for chiropractors in Malaysia and New Zealand.

I am honored to be the first Malaysian chiropractic radiologist and looking forward to share my knowledge to help the profession grow in Malaysia. It had been a crazy, tough journey and I am very grateful for all the support I received from my family, partner, mentor, colleagues and friends.

CDAHK Treasurer meets HK Chief Executive

Dr Valerie Chu, Treasurer of the Chiropractic Doctors Association of Hong Kong (CDAHK), was a guest at the Hong Kong National Day Ceremony and met with the Chief Executive, Mr John Lee Ka-Chiu.

She was able to communicate the CDAHK strategies, which align fully with those of the government: enjoyment of the advantages and implementation of the 'one country, two systems'; enhancement of Hong Kong's competitiveness in healthcare; reinforcement of traditional advantages and development of future chiropractic industry; development of the workforce by establishing the Hong Kong Chiropractic College; and boosting of primary care.

“Our recent enhancement of the Elderly Health Care Voucher Scheme helps those with disabilities to receive chiropractic care. The government strives to safeguard people’s health, provide the community with the strongest economic vibrancy, maintain Hong Kong’s international competitiveness and enhance the city’s impetus for growth. ” she said.

CDAHK Treasurer Valerie Chu pictured with Hong Kong Chief Executive, John Lee Ka-Chiu.
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