

Quarterly World Report

APRIL 2020



125
YEARS OF CHIROPRACTIC



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23 Clinical Trials	✓	✓	✓			
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Ergonomically Designed	✓	✓	✓			
Specifically Approved by Medicare	✓	✓	✓			
FDA Registered	✓	✓	✓	✓	✓	
Made in USA	✓	✓	✓	✓	✓	

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Never been a more important time to be our EPIC best.

Dr Vivian Kil, WFC Interim President

Only three months ago I was writing the president's message for the first QWR of 2020. I started the message wishing everyone a happy new year and by stating that we, at WFC, were full of excitement for the coming year. Now, three months later, we are dealing with a pandemic which has already hugely impacted society globally. The world is in crisis, and it has struck us without warning.

This pandemic has impacted our profession in so many ways. Chiropractors are having to close their offices temporarily all over the world. Organizations are having to cancel their events, conventions and congresses. Educational institutions are having to close their campuses. Our stakeholders and sponsors are seeing their businesses crumble under economical impact.

Chiropractors, wherever we care for our patients, must recognize that in this time of challenge we must act responsibly and support the efforts of our colleagues in healthcare in general.

This pandemic has changed the world we live in, and we are now living a new reality. We are all in this together. Chiropractors, wherever we care for our patients, must recognize that in this time of challenge we must act responsibly and support the efforts of our colleagues in healthcare in general.

During this challenging time, it is more important than ever to #Be EPIC: evidence-based, people-centered, interprofessional and collaborative. Although there remains a lot that we don't quite understand yet about the coronavirus, there is much we do know and we must take note of the credible evidence and science that is being shared by experts at the World Health Organization. The WFC is in regular contact with our colleagues at WHO and our Advice Notices contain many helpful links to support your work and interactions with other health care professionals, your patients and communities.

We must be considerate of the immense amount of pressure on other health professionals at this time. Doctors, nurses and other health workers are working extremely long hours under very challenging conditions. We salute their work and are grateful to them for what they're doing. Let's be sure not to add to their workload by further exposing those who are vulnerable: the elderly, those with heart disease, diabetics, lung disease sufferers and people with cancer and further likelihood of infection. Many will be anxious at this time and we have a duty to act responsibly.



I know that even in the midst of a global crisis members of our profession are performing great work every day that is changing lives and creating happier, healthier and more active populations. Our training, our

This is a time for solidarity and an opportunity to emerge as key, trusted health professionals providing essential support to those on the front lines.

commitment to excellence and our expertise is making a difference. Now more than ever, let us try to come together as a global profession, united by our commitment to be our EPIC best. This is a time for solidarity and an opportunity to emerge as key, trusted health professionals providing essential support to those on the front lines, whether they be health workers, emergency services, delivery drivers or one of the many other parts of our global workforce on whom we rely to live life safely and securely.

I wish you all health, energy and fortitude in your lives in this time of Covid-19, and thank all of you who, throughout the world, are part of our WFC's global community of EPIC chiropractors. **VK**



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Courage and resilience in the face of adversity.

Richard Brown, WFC Secretary-General

The past few weeks have changed our lives dramatically. Few people saw the emergence late last year of a novel strain of coronavirus, in Wuhan, China as the start of a global pandemic that would affect millions of people and claim thousands of lives.

As countries around the world adopt more and more robust measures to control the spread of the virus, chiropractors, their patients and the communities have all been severely impacted.

We are aware that many have been forced to close their offices and clinics and that this has been enormously distressing from both a social and economic perspective. This is being compounded by the fact that at present we do not have a clear understanding of when the pandemic will pass, measures will be lifted and normal life will be resumed.

We understand that for those of you with young families, school closures have meant disruption and additional pressures on family and home life. We understand the anxieties that many of you will have for elderly relatives and relatives with existing health conditions, such as heart disease, diabetes, chronic respiratory illness and cancer. We understand the fear that many of you will have for loved ones who are unable to isolate themselves because as essential health workers, they are serving humanity by being on the front line of Covid-19, providing life-saving care for critically ill patients in hospitals around the world.

At the WFC, we're in regular contact with our colleagues at WHO and are doing everything we can to communicate current, reliable, evidence-based information that will help you to make informed decisions.

On our website, on our Facebook page and on Twitter we are posting the latest advice about the Covid-19 outbreak.

In our global chiropractic community, it is critical that we follow advice to stop transmission and save lives. The rules are very simple. We must practice physical distancing keeping at least 2 meters or 6 feet from anyone who does not live in our household. We must wash our hands frequently, either with an alcohol-based hand sanitizer or with soap and warm water. If we cough and sneeze, we must do so into the bend of our

elbow. If we use tissues, they must be discarded immediately. We must be scrupulous about disinfecting surfaces, where we know that the virus can survive and be transmitted. We know that this virus is tough and resilient. As members of a global chiropractic community and as members of society, we too must do our best to be tough and resilient.

We know that there are vulnerable countries with fragile health systems who are struggling and will struggle to cope with the coronavirus. Our thoughts are with them. But we also recognize that all countries have vulnerable sections of society: those who struggle with addiction, mental illness, domestic violence and poverty. For these individuals and families, for whom life was already tough, spare a moment to think about them and to realize that all of us need to act to minimize the burden and prevent the spread of this awful disease. At this time, we are all facing a common threat and we must act as one humanity.

In the past week, I have spoken with leaders of many of our chiropractic associations around the world. There are tremendous efforts being made to support chiropractors and provide reassurance in this time of crisis.

We will beat this virus and get through this pandemic. We are all in this together and we are with you. On behalf of the WFC I wish you health, strength and courage as we navigate this most challenging of times. **RB**



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NEWS ITEMS

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

QWR ADVERTISING OPPORTUNITIES

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WFC Vice-President Honored For Dedication To Youth Development.

Dr. Michele Maiers has been recognized for her long-standing work in mentoring and guiding early-career chiropractors.

Dr Maiers, who also serves as Vice-President of the ACA, was instrumental in guiding the creation of the ACA's NextGen group. She has dedicated years of service in supporting and promoting youth leadership, in particular with SACA (Student ACA).

The first ever Dr Michele Maiers NextGen Member of the Year Award was presented at the American Chiropractic Association's Engage 2020 conference, held January 30 - February 1 in Washington DC.

The first recipient of the award was Dr Andrea Ohmann, DC, of Plano, Texas, who was selected for the award by her peers for her passion and dedication to NextGen, and for her leadership within ACA and the profession. Dr. Ohmann is pictured (below left) with Dr. Maiers.



First recipient of the ACA Michele Maiers NextGen Award, Dr Andrea Ohmann with Dr Michele Maiers.

COVID-19 virus severely impacts world's chiropractors as lockdown bites.

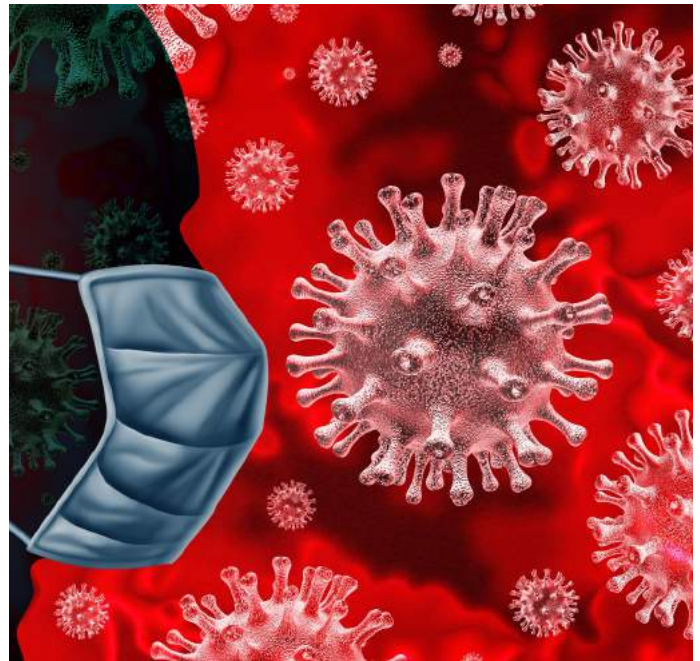
The world is going through unprecedented times. The COVID-19 pandemic has affected every country where the WFC has a constituent member national association and chiropractors' practices have been seriously impacted as a consequence. At the time of writing, the World Health Organization (WHO) is reporting over 1.2 million confirmed cases of COVID-19 with 65,000 people having lost their lives.

In many countries, chiropractors have been forced to close their clinics and offices, causing marked uncertainty and significant financial hardship. Leaders around the world are calling for solidarity and a shared effort to combat COVID-19, focused around physical distancing and a need to save lives by reducing risk of onward transmission.

As the only chiropractic organization in official relations with WHO, the WFC has been in regular contact with staff in Geneva. It has also been producing regular advice notes for chiropractors, which set out clearly the formal WHO advice and recommendations.

Of significant concern to the WFC was the early proliferation of statements made by some chiropractors and organizations that sought to make claims of effectiveness of spinal adjustment / manipulation for conferring or boosting immunity. In response to what it saw a clear danger to public health, the WFC sought advice from its Research Committee, which confirmed that there was no credible, scientific evidence that would permit such claims to be made. Indeed, such was the degree of concern that the WFC Research Committee undertook a rapid assessment of papers, articles and anecdote that were being used to justify claims in relation to immunity. The WFC confirmed its key messaging in response to the outcomes of this assessment. It is also aware that a more detailed review is being conducted, the results of which are anticipated in the coming months.

WFC member associations have been providing tremendous support for their respective memberships in the past weeks, advocating with governments and other agencies on their behalf and helping their members navigate the complex



rules and regulations that have been put in place to support health systems, economies and basic matters of daily life.

Whereas chiropractic has been identified as an essential health service in some countries, most recently by the U.S. Department of Homeland Security, the situation in individual U.S. states is less clear. In the UK, while the statutory regulator has not placed a blanket ban on chiropractors opening their practices, the requirements of the Code of Practice have meant that many chiropractic offices have voluntarily closed. The position in other European countries varies on a case-by-case basis; however, where chiropractic offices have remained open, patient volumes are significantly reduced.

In Australia, chiropractors are continuing to offer services, albeit at reduced capacity. The need to disinfect clinic facilities between treatment sessions mean that there are significant delays between patients and rules on social distancing mean that waiting rooms need to be carefully monitored.

While Africa has not borne the full brunt of the pandemic at this time, governments are being proactive in taking preventive measures, with South Africa in particular having been singled out for praise by WHO for its efforts to flatten the transmission curve.

There have been examples in many world regions of chiropractors moving to telehealth, conducting virtual consultations for spine and musculoskeletal disorders. Private payers are increasingly covering the costs of services being provided by chiropractors in this way.

There have also been many acts of humanitarian support being provided by chiropractors in their communities. From disinfecting ambulances to providing Prime Time TV slots showing the elderly how they can exercise in their homes, chiropractors are stepping up to volunteer and give selflessly of themselves.

WFC events, like so many others, have fallen casualty to the COVID-19 pandemic. Regional seminars and meetings in Africa, Eastern Mediterranean, Latin America and Asia have been canceled, as has the biennial WFC ACC Education Conference that was scheduled for October 2020 in San Francisco.

We know that this pandemic, like those that have gone before, will pass. Life will slowly return to normal and chiropractors will pick up their businesses and thrive once more. We know that it will take time and the immediate future is uncertain. In the meantime, by playing our role as responsible advocates of public health and by obeying physical distancing and hygiene measures our contribution to humanity will not go unnoticed.

FOR AUTHORITATIVE ADVICE FROM THE WORLD HEALTH ORGANIZATION, VISIT THE WEBSITE OF THE WORLD HEALTH ORGANIZATION AT:

who.int

OR CONSULT THE PUBLIC HEALTH AGENCY OF YOUR JURISDICTION

HOW TO PUT ON, USE, TAKE OFF AND DISPOSE OF A MASK

Cover mouth and nose with mask and make sure there are no gaps between your face and the mask



Protect yourself and others from getting sick

Wash your hands

- after coughing or sneezing
- when caring for the sick
- before, during and after you prepare food
- before eating
- after toilet use
- when hands are visibly dirty
- after handling animals or animal waste



Protect others from getting sick



Avoid close contact when you are experiencing cough and fever

Avoid spitting in public



If you have fever, cough and difficulty breathing **seek medical care early** and share previous travel history with your health care provider



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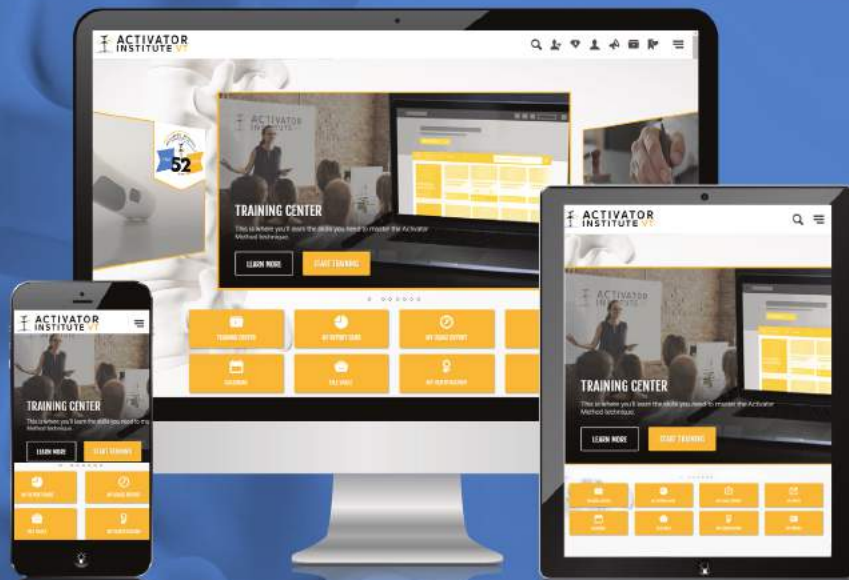
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WFC Secretary-General named 2020 ACA Chiropractor of the Year.

The American Chiropractic Association (ACA) presented its 2020 Annual Awards as part of its annual meeting, ACA Engage, in Washington D.C. The awards recognize chiropractors and other individuals for their exceptional service, achievement and/or leadership within the chiropractic profession.

ACA's highest honor, the Chiropractor of the Year Award, was presented to Richard Brown DC, LL.M of the United Kingdom, Secretary-General of the World Federation of Chiropractic, which comprises national chiropractic organizations representing over 90 countries in seven world regions.

Dr Brown has previously served as president of the British Chiropractic Association (2009-2013) and as Secretary-General of the European Chiropractors' Union (2010-2015).

In delivering the citation, ACA Past President Dr N. Ray Tuck referred to Dr Brown's advocacy for evidence-based, people centered care. He also referred to the championing of chiropractors working collaboratively with other providers for the benefit of patients.

On receiving the award, Dr Brown said, "To be recognized in this way really is a tremendous honor. I've been blessed throughout my career and have been privileged to work with some amazing people."



WFC Secretary-General Richard Brown receives the ACA Chiropractor of the Year Award from ACA Immediate Past President, Dr Ray Tuck

OUR PEOPLE

WFC COUNCIL:

Vivian Kil (Interim President)	European Region
Michele Maiers (VP)	North American Region
Kei Takeyachi (Secretary-Treasurer)	Asian Region
Kendrah da Silva	African Region
Efstathios Papadopoulos	Eastern Mediterranean Region
Gian joerger	European Region
Carlos Ayres	Latin American Region
Ayla Azad	North American Region
John Maltby	North American Region
David Peeace	North American Region
Holly Tucker	North American Region
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Andrew Lawrence	Pacific Region

RESEARCH COMMITTEE

Greg Kawchuk DC, PhD (Chair)	Canada
Christine Goertz DC, PhD (Vice Chair)	USA

PUBLIC HEALTH COMMITTEE

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

Pierre Côté DC, PhD (Chair)	Canada
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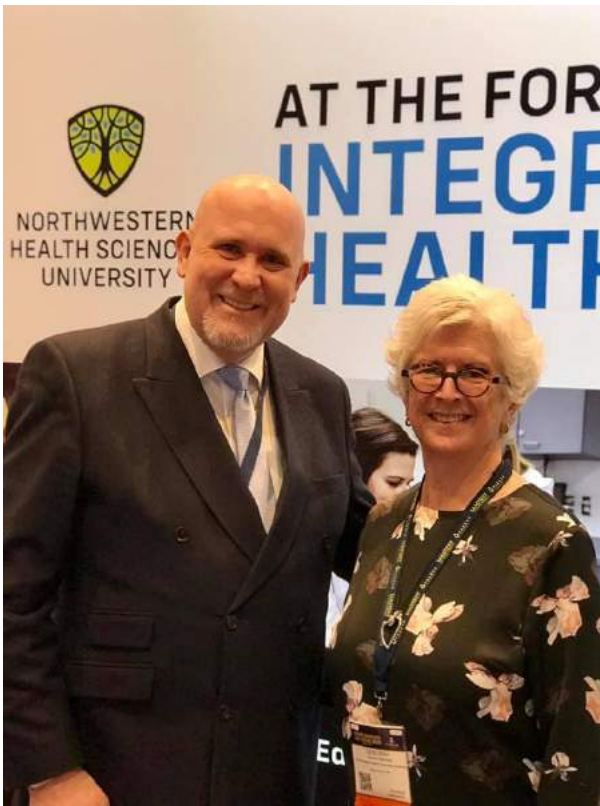
SECRETARIAT

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

WFC acknowledges corporate partners at Parker Seminar



WFC acknowledges corporate partners at Parker Seminar



New rapid review published on SMT safety for children under 10.



In 2019 the College of Chiropractors of British Columbia (Canada) commissioned a review examining the safety of spinal manipulative therapy in children under the age of 10 years. The review findings, authored by Dr Melissa Corso and colleagues, has just been published and can be found at http://bit.ly/Corso_et_al_2020_safety_SMT.

The review describes adverse events, reports the incidence of adverse events and considers whether spinal manipulative therapy increases the risk of adverse events compared to other interventions.

The review found that most adverse events are mild and short lived (soreness and increased crying). One report of a serious adverse event was found (rib fracture). The incidence of mild adverse events in children under 10 was found to range between 0.3% to 22%. The review concluded that whether spinal manipulative therapy increases the risk of adverse events in children is unknown.



College of
Chiropractors of
British Columbia

German Association announces new leadership

The WFC member national association for Germany, the German Chiropractic Association, has announced a change in its leadership.

Replacing longstanding GCA President Dr Timo Kaschel is Dr Steffan Stump. Dr Katharina Schmidt has been named as Vice-President.

Dr Stump is a 2010 graduate of AECC UK. He works as a chiropractor in the Lower Saxony city of Braunschweig.

Dr Schmidt is a 2016 graduate of AECC UK and also works in Braunschweig.

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Low back pain and neck pain leading cause of U.S. health spending, 2020 study shows.

A recently-published study in the Journal of the American Medical Association (JAMA) has shown that spending on spinal (low back and neck) pain outstrips every other health condition in the United States.

The study, conducted by Dieleman and colleagues from the Institute of Health Metrics and Evaluation, reported that health spending in the US now accounts for some 18% of total spending, from \$1.8 trillion in 1996 to \$3.1 trillion in 2016. This figure represents a rise of over 13% spending as a proportion of gross domestic product (GDP).

Examining the 154 health conditions categorized in the Global Burden of Disease study, spending estimates were stratified by health condition, age group, gender, type of care and type of payer (public insurance, private insurance and out-of-pocket).

The study found that spending on low back pain and neck pain in 2016 was \$134.5bn, with other musculoskeletal disorders accounting for \$130bn.

The majority of public spending (Medicare, Medicaid) was for patients aged over 65 (59%), while most private healthcare spending, was for adults aged 20-64 years. Out of pocket expenses accounts for 11% of health care spending.

Of the 5 health conditions with the largest spend, the biggest increases were seen in low back pain and neck pain. Most of this involved working aged adults whose care was funded by private insurance plans.

A significant concern highlighted by the study was that although the prevalence of low back pain and neck pain rose only 1.1% annually and the health burden (years lived with disability) rose by just 1.3% annually, the study found that spending on low back pain and neck pain rose by some 6.7% annually.

This is despite calls for a reduction in testing (diagnostic imaging and laboratory testing) for uncomplicated back pain and data showing that newer therapies show no significant benefit over traditional

interventions.

Commenting on the study, World Federation of Chiropractic Secretary-General Richard Brown said,

"This study makes a very strong case for the wider use of effective, low-cost treatments of low back pain and neck pain. We know that in the majority of cases, pharmacological, spinal injections and surgical interventions are ineffective, and that manual medicine and patient education are recommended treatments.

"Chiropractors are highly-trained health professionals who are excellently placed to deliver cost-effective, evidence-based treatment. This involves working with other health professionals and collaborating effectively with patients, families and carers in both community and hospital settings."

Reference: Dieleman et al, US health care spending by payer and health condition 1996-2016 JAMA 2020 March 3; 323(9): 863-884

New doctorates mean 30 PhD chiropractors in Denmark

Two recent successful PhD defenses in Denmark mean that the total number of chiropractors holding advanced degrees has now reached 30. On a per capita basis, this is thought to be the highest proportion of PhDs in a chiropractic national association in the world.

On 24 January 2020 Bue Bonderup Hesby successfully defended his thesis in front of a packed auditorium at the University of Southern Denmark. His work, validation of the ViMove sensor

system for measuring neck posture and motion, was supervised by Professor Jan Hartvigsen.

In the midst of the Covid-19 pandemic, on 2 April 2020 Melker Johansson successfully defended his thesis virtually. His thesis was titled 'Physical behaviours and risk factors for cardiovascular disease in different age groups and during leisure and work' and was supervised by Karen Sogaard, Andreas Holterman and Mette Korshoj

New Joint Research Institute Announced by Netherlands and Belgium

Leaders from the Netherlands Chiropractic Association and the Belgian Chiropractors Union have announced the launch of a brand new chiropractic research institute.

The Dutch-Belgian Research Institute of Chiropractic is the brainchild of association presidents Dr Gitte Tonner (NCA) and Dr Bart Vandendries (BCU).

The project has been driven by the recognition that in order to develop evidence-based chiropractic and to maximize the contribution of chiropractors to the Dutch and Belgian health systems there is a need to invest in research, education and academia.

In 2018, plans for a joint research institute were initiated by the national associations of the Netherlands and Belgium, inspired by the highly-successful Nordic Institute for Chiropractic and Clinical Biomechanics (NIKKB) and the European Centre for Chiropractic Research Excellence (ECCRE).

The project was formally approved by the NCA General Assembly in November 2019, followed by the BCU General Assembly in February 2020. The initial phase of DBRIC has been financial supported by the European Chiropractors' Union.

The DBRIC fund will be administered by a Board, which will in turn be advised by an Academic Advisory Committee.

The Board will comprise of elected members from each of the NCA and BCU Executive Committees and supported by a director.

As well as supporting research initiatives, DBRIC will contribute to knowledge transfer and research translation into clinical practice.

The longer term aim is also to merge the respective strands of each national association's Graduate Education Programs.

The overarching purpose of DBRIC will be to benefit patients and the wider public by expanding research capacity and supporting and disseminating the production of knowledge and skills relevant to the management of musculoskeletal disorders. DBRIC will provide financial support chiropractors as they pursue knowledge acquisition and further their careers.

PRINCIPAL OBJECTIVES OF DBRIC

- Sponsoring PhD and Postdoctoral projects.
- Supporting aspiring researchers and educators through (part time) post-grad grants.
- Establishing partnerships with universities and wider international collaboration focused on musculoskeletal research.
- Nurturing chiropractic students with an interest in academic/research.
- Bridging academic and clinical through strategic knowledge transfer.
- Being an active participant in public health issues.

The efforts of the DBRIC are specifically focused on the promotion of high quality research projects which will: 1) Increase the research capacity of the profession through the advancement of PhD and post-doctorate studies; 2) Consolidate and support the existing and future research capacity within Belgium and the Netherlands; and 3) Strengthen the knowledge-base to result in evidence-based decisions in chiropractic practice.

WFC Secretary-General Richard Brown commented after the launch, "Research is the currency of the chiropractic profession. Public expectation is that chiropractors as health professionals guide their care of patients through the application of credible, scientific research. We congratulate the NCA and BCU for this forward-thinking initiative, which will advance public trust and maximize opportunities for chiropractors to become key members of health systems both in the Netherlands and Belgium".



A woman in a white lab coat is seen from behind, assisting a woman in a gym. The woman in the gym is performing a squat with a kettlebell and a resistance band. The background shows gym equipment like treadmills and exercise balls.

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NCMIC/JMPT Award Winning Papers Published

The *JMPT* announces the publication of the 2019 NCMIC/JMPT Research Awards which were revealed at the EPIC2019 in Berlin. The following is an interview with each of the lead authors by Claire Johnson, JMPT Editor, about the importance and clinical relevance of their award-winning papers. The NCMIC recognizes these excellent award-winning papers and offers congratulations to both author teams for a job well done.



Diana de Carvalho

NCMIC/JMPT First Prize

Association of Exposures to Seated Postures with Immediate Increases In Back Pain: A Systematic Review of Studies with Objectively Measured Sitting Time

[https://www.jmptonline.org/article/S0161-4754\(19\)30432-4/pdf](https://www.jmptonline.org/article/S0161-4754(19)30432-4/pdf)

Dr. Diana De Carvalho, how do you hope that your research study will inform what people do? There is a greater awareness surrounding the negative health consequences of sedentary behavior. However, for many people sitting is the dominant posture for most of the workday. Our hope is that this research will encourage people to be more active and limit prolonged exposures to sitting.

How do you hope that your research will inform future research studies? We suggest that future research studies will include the objective measures of both sitting exposure and low back pain to better understand the relationship between sitting and clinical episodes.

What insights about this paper would you like to offer clinicians? Share our findings with your patients: they should do more activity and less sitting throughout the day. Consider asking patients if they experience pain in response to sitting regardless if they have a history of low back pain. If so, give advice for strategies such as moving around more at work or breaking up sitting time.



Lisbeth Hartvigsen

NCMIC/JMPT Second Prize

Baseline Characteristics May Help Indicate the Best Choice of Health Care Provider for Back Pain Patients in Primary Care: Results from a Prospective Cohort Study

<https://www.jmptonline.org/action/showPdf?pii=S0161-4754%2819%2930433-6>

Dr. Lisbeth Hartvigsen, how do you hope that your research study will inform what people do? More people should be aware that low back pain is a multifactorial pain syndrome thus many factors are associated with an increased risk of developing persistent disabling low back pain. Clinicians can use this information to identify specific factors that need to be addressed to improve patient outcomes, to inform patients about expected course/outcomes, and to stratify patients for targeted intervention. The practical implications include that when general medical practitioners and chiropractors inform their patients about expected outcomes in their settings, they may need to focus on different factors.

How do you hope that your research will inform future research studies? We need more knowledge on how prognostic factors show different importance in different settings and whether one setting over another is more amenable to the challenges associated with some high-risk subgroups of patients. This is important if clinicians stratify patients for different care pathways as well as for patients when they seek care.



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Principles and Practice

IFEC reports on collaboration with Toulouse hospital

Back in 2017, the Toulouse campus of the Institut Franco-Europeen de Chiropraxie (IFEC) entered into a relationship with the general hospital at Toulouse. Since, then, each Tuesday IFEC students consult with patients in the sports medicine department under the supervision of chiropractor Dr Yannick Audo.

Dr Audo, a 1996 IFEC graduate, undertook an MSc in Rehabilitation at AECC University College in the UK. He works both in private practice and at IFEC, where he oversees the partnership with Toulouse Purpan University Hospital.

The partnership was the idea of two IFEC faculty members, Dr Fabrice Mallard, a chiropractor, and Dr Virginie Pecourneau, a hospital rheumatologist with an interest in sports medicine. For the first time in France, it was agreed to introduce manual therapy into the package of care being offered to injured athletes

and patients presenting with spinal pain.

Patients attending the hospital are screened by a medical doctor in order to establish a diagnosis and their suitability for chiropractic referral. Under the supervision of Dr Audo, all chiropractic consultations are then undertaken by IFEC interns. At the end of each session, the students participate in a multidisciplinary team meeting to discuss the care plan of each patient.

Selected students undertake a 6-week internship at the hospital and treat on average 6 patients per session. The experience provides the opportunity to work alongside health professionals from other disciplines, to present cases and to learn about other approaches to sometimes complex cases.

The presence of chiropractors at the hospital has been very well received, reported Dr Audo. In particular, other clinicians have



Dr Yannick Audo

been impressed with the level of clinical examination and manual therapy skills exhibited by the interns.

The joint initiative between IFEC and the hospital has been a great success and it is clear that the role of chiropractors is valued. With increasing popularity of the program, moves are planned to expand the availability of services.





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NEWS FROM NIKKB

Nordic Institute of Chiropractic and Clinical Biomechanics



Danish CARL II Fellow excited about selection

One of the young researchers selected for CARL II is Danish chiropractor **Steen Harsted** who is currently busy completing his PhD at the University of Southern Denmark. He took time out of his busy schedule to talk about CARL and his ambitions and expectations as a Fellow.

Steen Harsted thought about applying for the original CARL, but eventually decided against it. When the opportunity arose again, he did not hesitate but submitted his application and hoped to be selected. Happily, this happened, and the Danish chiropractor and PhD-fellow is raring to go.

"I followed the original CARL cohort. The collaborations which were created and crisscrossed among the participants looked extremely interesting. It seemed that the Fellows developed a lot over the course of CARL, and while I would have liked to be part of it, I was not ready to apply for a place at that time," Steen Harsted remembers.

He sees his participation in CARL II as an opportunity to develop, both on a personal level and on a career level.

"Research is a demanding field, and you continuously need to develop. For me, CARL II is an opportunity to meet and connect with other ambitious researchers from around the globe. The CARL II cohort is very diverse, and people work in areas of research that are different from my own. This diversity presents an incredible opportunity for development. That is extremely exciting.

"Their research background is different from mine and it means so much that somebody has explored other methods or research areas. It is possible to learn so much by working with people who are experts in different things. My own research area has become quite specialized and I really look so much forward to getting the opportunity to spread out more and work with other researchers".

Specifically, Steen Harsted expects to get a new network of research partners from other parts of the world and become co-author and leading author of papers from his involvement in CARL. Those are his three main

goals, but he also expects to develop as a person and as a researcher.

CARL is also about contributing, so what does Steen Harsted expect to contribute with when he and the other Fellows meet and start collaborating?

"My PHD project has become very technical. I have developed various programming methods and have gained an understanding of technology, which can measure movement. I think I can contribute this knowledge and understanding to CARL. I also have more than ten years of experience from primary clinical practice, and clinical practice is still part of my weekly routine. I can, therefore, contribute to research projects with the viewpoint of a researcher as well as a clinician".

The first meeting of the CARL II Fellows was sadly canceled due to the COVID-19 outbreak. In 2021 the CARL summit will be in Odense and in 2022 in Edmonton in Canada. In-between summits, the CARL Fellows will be collaborating on various projects.



Right CARL Fellows 2020-2022

NYCC Dean named Chair of Council on Chiropractic Education

The Council on Chiropractic Education (CCE) has announced Dr. Jean-Nicolas Poirier, New York Chiropractic College's Dean of the School of Health Sciences & Education and Director of Academic Services, as its new chair for 2020-2022, based on the results of the CCE Council election.

First elected to the Council on Chiropractic Education in 2014, Dr. Poirier most recently served on the Council Executive Committee as associate chair from 2018 to present (2020). In his new role, he will continue to uphold the vision of the CCE, to promote excellence and assure quality in chiropractic education.

NYCC President Dr. Michael Mestan knows the impact of Dr. Poirier's dedication and outstanding work first hand, as an integral part of the College's Academic Affairs leadership. "We are proud of Dr. Poirier's professional accomplishments and his embodiment of the NYCC mission in everything that he does," Mestan said. "I am confident he will continue to be a tremendous leader for the CCE in this new role, and look forward to seeing the great things his tenure as chair will no doubt bring."

The values of the CCE include integrity as the foundation in all interactions, accountability to students and the public, collaboration in a community of people with a culture of respect, quality as informed by the use of evidence, and improvement to advance excellence. The Council of the Council on Chiropractic Education consists of 18 councilors. Of those, ten are educational representatives, five private practitioners, and three public members.

Dr. Poirier earned a D.E.C. in natural sciences from Collège Maisonneuve, Montréal, Québec; his D.C.



Jean-Nicolas Poirier has been named the Chair of CCE (US)

from the Université du Québec à Trois-Rivières, Trois-Rivières, Québec; and his Ed.D. in Executive Leadership from St. John Fisher College in Rochester, N.Y.; he also completed a residency in diagnostic imaging from Parker College of Chiropractic (Now Parker University).

CCE is the national accreditation agency for Doctor of Chiropractic programs in the United States. Accreditation provides assurances of educational quality and institutional integrity to governments, jurisdictional licensing and regulatory bodies, institutions, professional organizations, students, other accrediting agencies and the public at large.

CCE accredits 16 programs at 19 locations across the United States. The purpose of CCE is to promote academic excellence and ensure the quality of chiropractic education.



NCMIC Group, Inc. announces promotions of David Siebert and Tony Dickinson

WFC Platinum Corporate Partner, NCMIC Group, Inc. announced today the promotions of David Siebert to President of NCMIC Insurance Company/Professional Solutions Insurance Company, and of Tony Dickinson to President of NCMIC Finance Corporation/Professional Solutions Financial Services (NFC). These dual promotions are indicative of NCMIC Group's investment in its future as it approaches its 75th anniversary.

Mr. Siebert joined the company in 1995 as a claims representative, before being promoted to litigation consultant and then senior litigation consultant. He became director in 2008 and assistant vice president three years later. In 2018, Mr. Siebert was promoted to senior vice president of NCMIC Insurance Company.

CEO Mike McCoy stated, "For the last 25 years the NCMIC organization has been fortunate to have David as part of our team, in roles that have well equipped him to take the helm. His

knowledge, vast experience and commitment to our company, our community and our customers made this promotion an easy decision. I look forward to continuing to work with David to bring forth our vision for the future of the company."

Mr. Dickinson joined NFC in July 2017 and most recently served as chief operating officer of NFC. Prior to joining NFC, Tony worked at Wells Fargo, with the majority of his time in the role of vice president and marketing manager across the Great Plains region. He is only the third president of NCMIC Finance Corporation/Professional Solutions Financial Services since its inception.

Mr. McCoy commented, "Tony's expertise and background in financial services has been a tremendous asset to our company in the two years since he joined us. I know that his energy, contagious enthusiasm and continued drive to succeed will serve him – and our customers – well in this new leadership position."



Tony Dickinson



David Siebert

Chiropractors in UK to undergo mandatory first aid training in wake of patient death.

The statutory regulator for chiropractic in the United Kingdom, the General Chiropractic Council, has insisted that all registrants undergo first aid training following the tragic death of a chiropractic patient.

A coroner's inquiry into the death concluded in November 2019 with recommendations that chiropractors should undergo mandatory first aid training..

The WFC member for the UK, the British Chiropractic

Association, worked closely with the GCC on their consideration of First Aid training, which is reflected in the guidance which has been sent to all registrants in the UK.

As the UK profession's educational leader, the Royal College of Chiropractors has arranged bespoke courses on First Aid to support the profession in the UK, supported by the BCA.

President Catherine Quinn commented: "We know that BCA members take their responsibility as regulated health professionals seriously, understanding that it provides patient and public confidence. The inclusion of First Aid as an element of our training allows chiropractors to demonstrate our alignment with other health professions. This means we continue to meet patient and public expectations.

UK students flock to BACS conference

More than 100 student delegates attended the British Association of Chiropractic Students (BACS) Conference in February, coming from across the UK and the globe to explore the theme 'Chiropractic: Past, Present, Progressive Future'.

The event, held at AECC University College in Bournemouth and drew attendees from the UK's four established chiropractic educational institutions

Participants reflected upon the origins of chiropractic, the profession today and discussed how the future of the profession lies in the hands of our current students.

The BCA was proud to be lead sponsor of the event, supporting the future of the profession. President Catherine Quinn said, "As the largest professional association in the UK, we recognize that the professional development of students starts from day one of their education and it is a pleasure to see such commitment to understand the whole chiropractic landscape from students in the UK".

The student organizers said, "We were delighted to see the common ground we all have achieved together during the 3 days of the conference. Thank you to the BCA for investing in chiropractic students – and therefore a progressive future".



Students at the BACS Conference, held February 2020 at AECC UK.

Head of school named for new UK chiropractic program

Kenneth Young DC, DACBR, PhD has been named as the new head of school at the newest UK chiropractic institution.

Dr Young, a graduate of Los Angeles Chiropractic College, joins the University of Central Lancashire (UCLAN) from Murdoch University in Perth, Australia. He has broad experience in chiropractic education, with specialist interests in diagnostic imaging and chiropractic history.



Kenneth Young

The chiropractic program at UCLAN will be housed in the School of Sport and Health Sciences and will be accepting its first cohort of students in September 2021.

The program was developed with significant support from the Society for Promoting Chiropractic Education, which has also been behind the launch of university-based programs at London South Bank University and Teesside University.

Canadian chiropractors helping those in their communities with least access to care

Across the vast distances of Canada, chiropractors are finding ways to help those most in need of care in their communities.

The Canadian Chiropractic Association has collected stories of chiropractors involved in community health initiatives and featured them on our website. In these initiatives, chiropractors are members of interdisciplinary teams that allow vulnerable and marginalized populations to benefit from their expertise.

One of these chiropractors is Reginald Gates DC, who for six years has volunteered once a month at the Hamilton Urban Core Community Health Centre (HUCCHC), located in Hamilton, Ontario. Gates says: "I keep coming back because I enjoy the interactions. After working at this clinic, you feel so much better because you've been able to give something from yourself. The best part is the patients are so appreciative."



Professor Steven Passmore, Mount Carmel Clinic

Denise Brooks, executive director of HUCCHC, describes their clientele: "Here in Hamilton, the highest levels of poverty, of marginalization, excluded and vulnerable are in the inner city."

Dr. Gates explains how he is helping clients deal with pain: "A lot of times they cannot afford any type of drug plan so they're trying to find different ways to help themselves. They come to us to find an alternative instead of medications."

At the Mount Carmel Clinic, in Winnipeg, Manitoba, Steven Passmore DC, PhD, has been doing research since 2011 into the effectiveness of chiropractic care within interdisciplinary teams. Some of his findings are that 96% of chiropractic patients did not need a

Community care locations:

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Calgary
Edmonton
Saskatoon
Winnipeg

London
Cambridge
Hamilton
Toronto
Ottawa
Montreal
New Brunswick
St Johns

referral to another healthcare provider upon completion of their chiropractic care and that 95% of participants with acute and chronic spine or extremity pain experienced a reduction in pain.

A chiropractic patient at the Mount Carmel Clinic, Corbett Ducharme, had this to say about his low back pain: "My quality of life was a three out of ten before seeing the chiropractor. Now it's at a nine out of ten. As far as I can see, it's a 100% improvement in my back pain!"

Through community health initiatives, Canadian chiropractors are teaming up and making a difference.

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Iranian chiropractors host multidisciplinary, hospital based post-graduate education

The Iranian Chiropractic Association (IrCA) is reporting significant breakthroughs in its delivery of post-graduate education for chiropractors in the country.

IrCA is the largest chiropractic association in the WFC's Eastern Mediterranean region. Members enjoy one of the widest scopes of practice in the world and are all registered with the Iranian Medical Council.

Post-graduate events are held monthly and for the past 12 months they have been held at the Shohadai Tajrish Hospital conference hall in Tehran. This is one of the largest, medical-university based hospitals with multi specialist departments including neurosurgery and spinal surgery departments.

IrCA President, Dr Hossein Sabbagh reports a keen interest in chiropractic from within the hospital.

"We welcome a broad mix of medical specialists to our meetings, including clinical and surgical experts," he says. "We work hard to promote the conferences and ensure that everyone from the hospital knows that they are welcome."

The strategy of encouraging a multidisciplinary approach to postgraduate education has paid off.

"There is much interest in the chiropractic approach to spine care and we have focused on communicating how we use diagnostic imaging as well as specific treatment protocols for particular conditions," continues Dr Sabbagh.

"We are treated as equals by medical specialists, including neurosurgeons and there is a great interests in working in partnership. As we progress, we shall continue to raise our educational requirements for licensing here in Iran to ensure consistent and continuous advancement."

Opposite top: IrCA members head about the latest innovations in MRI.

Opposite middle: IrCA President Dr Hossein Sabbagh addresses IrCA members and other conference guests.

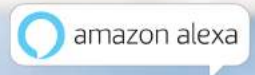
Opposite bottom: Delegates at a monthly IrCA Conference.



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- **Dr. John Maltby**, Former President and Chairman of the Board of the International Chiropractors Association of California (ICAC), and member of the Human Touch Wellness Council

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FICS announces new Secretary-General

Dr Keith Overland, of Connecticut, USA has been appointed as the new Secretary-General for the Federation Internationale de Chiropratique du Sport (FICS).

In addition to being a past president of the American Chiropractic Association (ACA), Dr. Overland has served as an ACA representative to the WFC and as Chairman of the ACA's legislative committee, membership committee, political action committee and liaison to the ACA sports council. He was honored in 2014 as the ACA Chiropractor of the Year. In his home state, Dr. Overland was appointed by the governor to serve as chair of the Connecticut Governors Committee on Physical Fitness, and as a member of the Connecticut Board of Chiropractic examiners. He is the past president of both the Connecticut Chiropractic Association and the New England Chiropractic Council.

A 1981 graduate of New York Chiropractic College (NYCC), Dr. Overland has also made a mark in sports chiropractic, having worked with the New York Mets baseball team, the United State Speed Skating team, the United States Olympic Training Center, multiple World cups, the World Games in Taiwan and Germany with FICS, at the US Open golf championships and with many other state and local sports teams.

Dr Overland has taught undergraduate sports chiropractic courses at the University of Bridgeport College of Chiropractic (UBCC) and New York Chiropractic College. Dr Overland is the medical editor for NorthEast Tennis Magazine and has taught classes for the United States Tennis Association. He has authored over 40 articles and taught seminars worldwide on the prevention and treatment of sports injuries.

Dr Overland's passion as Secretary General will be focused on helping FICS achieve its goal of having a chiropractic care available for every athlete at every sporting venue around the globe.

The WFC congratulates Dr Overland on his appointment and looks forward to furthering ever-closer collaboration with FICS in the coming years. For further information about FICS, visit <https://fics.sport/>



FICS Secretary-General, Dr Keith Overland



FEDERATION INTERNATIONALE
DE CHIROPRACTIQUE DU SPORT

Spine IQ launches new Back Blog

Spine IQ is a community of high performing conservative spine care clinicians who utilize non-pharmacological, non-invasive management of spine-related disorders. Spine IQ's mission is to define quality, demonstrate value, and build trust in spine care delivery. We envision a future in which health care systems treat spine-related disorders by beginning with the safest, most effective approaches possible.

Led by WFC Research Committee Vice-Chair Dr Christine Goertz, Spine IQ provides evidence-based, patient-centered advice and support to help chiropractors be better clinicians by providing resources, including its new Back Blog.

Spine IQ also provides a clinical data registry (SpineIQAir) to gather data with a view to improving care, monitoring safety and ensuring cost-effective interventions. It offers a Quality



Recognition Program and a Patient Satisfaction Data Collection Program.

Spine IQ is a supporter of the WFC's #BeEPIC campaign, which calls on every chiropractor to be evidence-based, people-centered, interprofessional and collaborative. For more information about Spine IQ, visit www.spineiq.org.



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Women Leaders Celebrated at ACA Conference

Drs Kris Petrocco-Napuli (pictured, opposite, left) and Katie Pohlman (right) have been honored by the American Chiropractic Association at its ENGAGE 2020 conference held in Washington DC.

Dr. Petrocco-Napuli (pictured left), President of the ACA Council on Women's Health and a faculty member at Logan University, was named Academician of the Year.

Dr. Pohlman, Vice-President of the ACA Council on Women's Health, Director of Research at Parker University and a CARL Fellow, was named ACA Researcher of the Year.

Congratulations to both of these leaders, whose groundbreaking work is advancing chiropractic and evidence-based, people-centered care.



CCRF Announces Significant Research Funding

The Canadian Chiropractic Research Foundation (CCRF) has announced funding of almost C\$400,000 for four new National Research Grants.

These evidence-based research projects will advance the profession's knowledge base and contribute to improved care for patients living with muscular, skeletal and nervous system pain.

The Request for Proposals launched on October 16 – World Spine Day – and sought dynamic research projects with local, national and global impact. Canadian-based researchers with a doctoral degree were invited to apply.

The four winning submissions led by Drs Steve Passmore, Martha Funabashi, Peter Stilwell and Pierre Côté were reviewed and recommended by the CCRF's Research Committee.

For details of the projects that will be funded, go to <http://bit.ly/CanChiroRF>.

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Scott Haldeman honored for service to TCM and chiropractic

WFC Research Committee Chair Emeritus Dr Scott Haldeman has been presented with the Sheikh Zayed International Award for Complementary Medicine for his work on spine pain and chiropractic. The award was presented in February 2020 in Abu Dhabi, United Arab Emirates.

The award recognises and rewards excellence in complementary medicine by honoring esteemed scientists and medical practitioners for their distinguished contributions to improve the quality of life for humanity, advance knowledge and benefit humanity.

The award bears the name of the late Sheikh Zayed bin Sultan Al Nahyan, Founder of the United Arab Emirates (UAE) and a visionary statesman, who invested heavily in health care in the UAE.

"Dr Haldeman has dedicated his life to improving spine care for the benefit of patients and the public around the world," commented WFC President Dr Vivian Kil.

"He has been an outstanding ambassador for chiropractic and his service to the World Federation of Chiropractic has been immeasurable."

Speaking after receiving the award, Dr Haldeman said, "It is a tremendous honor for me to receive this international award for work I care so passionately about and have spent 45 years of my life pursuing,"

"More importantly, I am pleased that this award recognizes the importance of traditional, complementary and alternative medicine, including chiropractic, and the relief and improved quality of life it brings to patients with spinal pain and other neuro-musculoskeletal disorders around the world."

Haldeman was the first chiropractor to obtain a PhD in a biological science, as well as the first chiropractor to obtain an allopathic medical degree and to specialize in neurology. He practiced as a chiropractor for more than 10 years and as a board-certified neurologist for 35 years, working within a university medical hospital, Veterans Administration hospital and in private practice.

Throughout his career, Haldeman has been an



Dr. Scott Haldeman receives Sheikh Zayed International Award for TCAM-Chiropractic

advocate for the inclusion of evidence-based chiropractic and complementary health care. He has been asked to provide testimony or act as a consultant for the U.S. Department of Defense and Veterans Administration, as well as for commissions of enquiry in New Zealand and Australia.

He helped organize the U.S. National Institutes of Health study on Spinal Manipulative Therapy and chaired the Commission to produce "Guidelines for Chiropractic Quality Assurance and Practice Parameters," the first attempt by any complementary health care profession to set standards of care for itself.



From left: |Dr Mohamad Raslan, Dr Scott Haldeman, Dr Gerry Nastasia, Dr Efstathios Papadopoulos

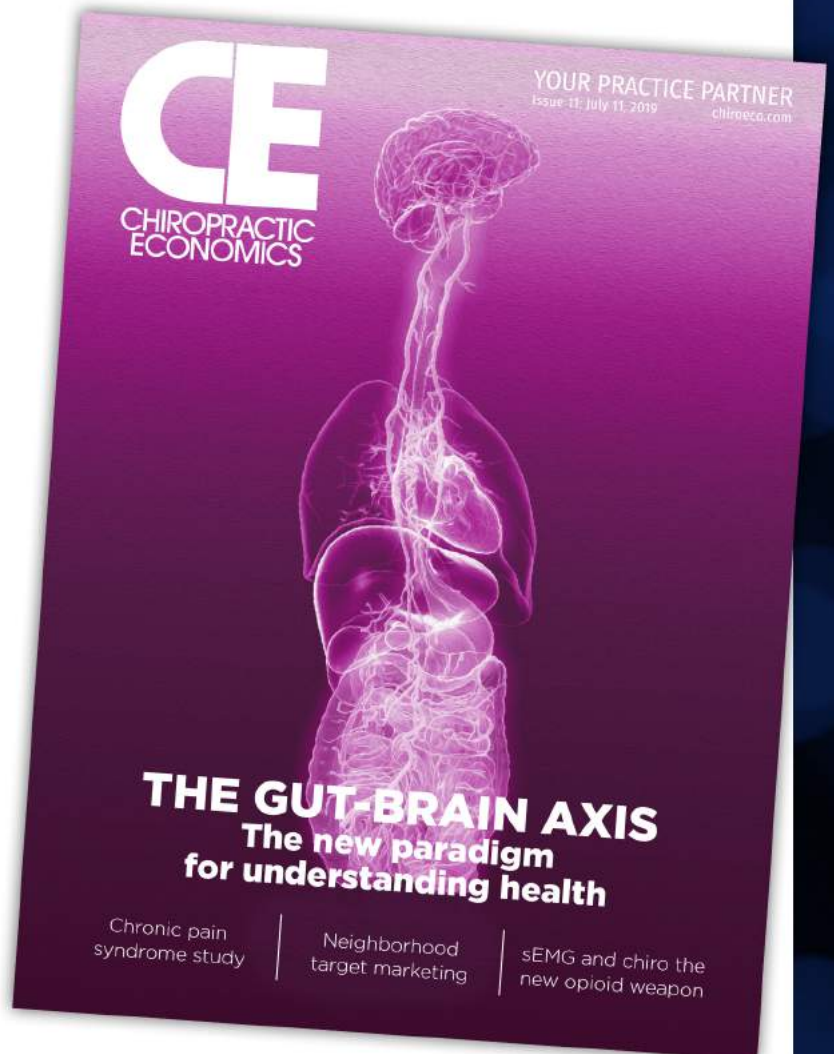
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INTRODUCTION:

PLANTING, CULTIVATING AND IMPROVING THE QUALITY OF THE HARVEST... **A WORK IN PROGRESS**

1. UNIVERSAL VARIABLES

A) SIZE OF A COUNTRY'S MIDDLE CLASS

-A % OF POPULATION BY GDP/PERSON STATS

B) HUMANITARIAN TREATMENT BY GOVERNMENTS TOWARD THEIR OWN CITIZENS.

- i) FAVORABLE
- ii) IMPROVING
- iii) LACKING

C) SOCIO-CULTURAL ASPECTS OF INTEGRATING CHIROPRACTIC WITH TRADITIONAL HEALTHCARE STRUCTURES.

D) LANGUAGE ISSUES REGARDING THE POTENTIAL EDUCATION OF FUTURE CHIROPRACTORS.

- i) ENGLISH
- ii) NON-ENGLISH
- iii) MISCELLANEOUS

2. MEASURING GROWTH

RATING THE 4 CRITERIA OF PROFESSIONAL GROWTH:

- TOTAL # OF DCs IN PERMANENT PRACTICE.
- LEVEL OF LEGAL RECOGNITION.
- NATIONAL ASSOCIATION ORGANIZATION.
- TOTAL STUDENT ENROLLMENT IN THE COUNTRY.

3. COUNTRY STATUS

A) ESTABLISHED: DC RATIO PER POPULATION IS

1: <10,000

FOCUS IS ON INCREASING THE DEMAND FOR CARE (☒ % UTILIZATION ☒ UNIVERSAL ACCESS)

B) ADVANCING:

RATIO IS 1:>10,000 & <100,000
FOCUS IS ON PROFESSIONAL DEVELOPMENT AND PUBLIC EDUCATION. (CREATE VALUE)

C) PIONEER:

RATIO IS 1:>100,000

FOCUS IS ON INCREASING THE NUMBER OF DCs, GETTING ORGANIZED TO START A SCHOOL AND PASS AN INTERNATIONAL LEVEL LAW.

D) UNSUITABLE:

NO LEGAL CHIROPRACTORS AND ENVIRONMENT IS UNFAVORABLE OR TOO HOSTILE.

4. NATIONAL ASSOCIATION

A DISCUSSION IN FAVOR OF GREATER SUPPORT FOR THE STRUCTURING OF A NATIONAL ASSOCIATION IN PIONEER COUNTRIES AND BEYOND - SHIFTING INTO HIGHER GEAR THROUGH BETTER ORGANIZATIONS.

5. INTERNATIONAL EDUCATION

GLOBALIZING THE CHIROPRACTIC EDUCA

-TION PROCESS AND PRESERVE OUR UNIQUENESS:

PHILOSOPHY CONTENT
INTERNSHIP STANDARDS
PROJECTING GROWTH
BUILDING RESOURCES

6. NON-CHIROPRACTOR ACTORS

THERE ARE MANY COUNTRIES WITH NON-CITIZEN BUSINESS OWNERSHIP RESTRICTIONS THAT RESULT IN PARTNERSHIPS BEING FORMED BETWEEN CHIROPRACTORS AND NON-CHIROPRACTORS. IS THIS A GOOD THING OR A BAD THING?

7. HUMANITARIAN MISSIONS

PRACTICAL GUIDELINES TO SUCCESSFUL MISSIONS:

CONTACTS & LOCATIONS
TIMING
PUBLIC RELATIONS
DOCTOR RECRUITMENT
PROSPECTIVE STUDENTS

8. MODEL INT'L LAW

IDENTIFYING THE INGREDIENTS FOR A MODEL LAW

TITLE PROTECTION
DEFINITIONS & SCOPE
PRIMARY DOCTOR
REGISTRATION
REGULATORY STRUCTURE

CORPORATE PLATINUM PARTNERS

Activator Methods International – USA
Chiropractic Diplomatic Corps – Philippines
Chiropractic Economics – USA
Dynamic Chiropractic Magazine – USA
Erchonia - USA
Human Touch – USA
International Board of Chiropractic Examiners – USA
Logan College of Chiropractic – USA
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