15th Biennial WFC Congress
78th ECU Convention

DRAFT

ACADEMIC PROGRAMME*

*Programme is conditional upon participant acceptance and is subject to change without notice.
Adjust with confidence. Activator is supported by 23 clinical trials and research for over 50 years.*

Activator Adjusting Instruments are the only instruments approved to be used with the Activator Method.

*All research has been done using the Activator Adjusting Instruments.

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**ELECTRONIC PRODUCT COMPARISON**

<table>
<thead>
<tr>
<th>ACTIVATOR V</th>
<th>ActivStim (Impact)</th>
<th>Impulse</th>
<th>Sigma</th>
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<tr>
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Activator V is a superior instrument with a sleek, ergonomic design and is the only fully wireless electronic instrument on the market.

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**MANUAL PRODUCT COMPARISON**

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<tr>
<th>ACTIVATOR IV</th>
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Find out more at [www.activator.com](http://www.activator.com) or call 800-598-0224

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© Activator Methods International Ltd.
Welcome to Berlin

We are at an exciting time in chiropractic's history. Through the visionary foresight of our past leaders, the groundwork has been laid for a profession that now has unparalleled opportunities to be leaders in spine care.

The WFC advocates all chiropractors around the world to ‘Be EPIC’ – evidence-based, patient-centred, interprofessional and collaborative. We are delighted to bring you a Congress that will encompass these elements, which are undoubtedly the guiding principles for health care professionals in today’s world.

Our Congress will be the largest scientific meeting for the profession globally, but for practising chiropractors we are delighted to bring you an exciting and inspiring programme of thought leadership, stimulating debate, fresh ideas and practical workshops. Add to this a vibrant social programme within one of the world’s greatest capital cities and we have an event that you cannot afford to miss.

I look forward to meeting you all in Berlin and welcoming you to what will be a celebration of chiropractic’s global opportunities in spine care.

Laurie Tassell, WFC President

I had the honour of being the president of the Greek Chiropractic Association when the joint ECU/WFC Congress came to Athens. It gives me a special thrill now, therefore, to welcome you to EPIC 2019 in Berlin.

I have set a path for the ECU to embrace evidence-based care, to adapt as the expectations of care develop, and to invest in the bedrock of the profession – research. It is not by accident that the ECU now invests over 25 per cent of its income in research, including support for the most promising young MSK researchers, the CARL Fellows.

EPIC 2019 will relate leading-edge thinking and skills to the collaborative inter-professional approach that is key to the future for our wonderful profession.

But it will not be the leaders of the ECU or the WFC alone who will secure the future. It is clinicians who are prepared to invest bravely in their own and the profession’s development.

We have pleasure in offering a wonderful congress for your enjoyment and enrichment. Welcome to Berlin!

Vasileios Gkoffinopoulos, ECU President
Oxford philosopher and medical researcher Dr Jeremy Howick is the author of Dr You (2017), a book based on his own experience. The book focuses on the issue of how body and mind interact to affect health and wellbeing. It challenges old habits of thinking and promises new ways of exploring what it means to live an integrated life.

Written using the latest, high-quality, conventional evidence, Dr You arms people with the knowledge to empower them to make the right choices about what drugs to take, what drugs to give their children and when to let the body do its thing.

Dr Howick is the Director of the Oxford Empathy Programme at the University of Oxford. He was recently awarded the British Medical Association Dawkins and Strutt Award to pursue research on the health benefits of empathetic care.

Dr Howick has conducted groundbreaking research about placebos and why we need unbiased experiments. He has degrees from Dartmouth College, the London School of Economics and the University of Oxford. He has published in leading journals including the British Medical Journal, Annals of Internal Medicine, and The Lancet.

His textbook, The Philosophy of Evidence-Based Medicine spearheaded a new sub-discipline. He collaborates about placebo treatments and the need for rigorous evidence with the National Institutes of Health Research in the UK, the Canada Institutes of Health Research and Harvard University. He has won three teaching awards, appears regularly on television and writes for The Times and The Huffington Post. He is currently working on a mega-study on the benefits of doctor empathy.

Dr Howick learned many of his lessons as a competitive rower. He competed at the World Rowing Championships for Canada, won a silver medal at the Commonwealth Games and represented Oxford University in the Oxford-Cambridge Boat Race. He has also taught hundreds of students the benefits of mindfulness as a qualified yoga instructor.

Dr Howick’s keynote address titled "We’re All In This Together: How Empathy Is The New Medication" will be delivered on Thursday, March 21.

opening keynote:

JEREMY HOWICK
Jan Hartvigsen is one of the giants of the spinal world and has been named by Expertscape as the world’s leading researcher in musculoskeletal pain.

As Professor in the Department of Sports Science and Clinical Biomechanics and Head of its Research Unit at the University of Southern Denmark. He is also the senior researcher at the Nordic Institute of Chiropractic and Clinical Biomechanics. Jan is one of the most published chiropractors on the planet.

In 2018, his work was published in *The Lancet* alongside a team of world-class researchers as part of a series of papers on low back pain.

The Low Back Pain Series attracted huge international media interest, including over 15 million Tweets. The recommendations were highly favorable to spinal health professionals engaged in non-drug, non-surgical management of back pain. For chiropractors, the Lancet series has been described as chiropractic’s greatest global opportunity.

Jan is a 1989 graduate of Palmer College of Chiropractic, Davenport, Iowa.

In 2017, Jan was awarded the WFC David Chapman-Smith Honor Award and in the same year was named ACA Researcher of the Year.

He has supervised countless PhD and Masters students and in 2016 become one of three mentors in CARL (Chiropractic Academy of Research Leadership) a project to support and develop early career researchers.

Jan led the development of the Danish Center for Muscle and Joint Health at the University of Southern Denmark. His particular research interests include spinal spinal pain and disability, mild traumatic brain injury and the evaluation of musculoskeletal research.

Jan has been heavily involved in the development of national guidelines on the management of low back pain and appears frequently in the media as a commentator and expert.

Jan is a member of the WFC Research Council

**Professor Hartvigsen’s keynote address titled "Lessons from The Lancet: Our Great Global Opportunity" will be delivered on Thursday, March 21.**

**keynote speaker:**

**JAN HARTVIGSEN**
DAY 1 - THURSDAY, MARCH 21, 2019

08:30 - 08:50  Opening ceremony
   A vibrant welcome from Berlin!

08:50 - 09:00  Formal opening of the 15th Biennial WFC Congress / 78th ECU Convention
   Dr Laurie Tassell, President, WFC
   Dr Vasileios Gkolfinopoulos, President, ECU
   Dr Timo Kaschel, President, GCA

SESSION A:  EMERGING EVIDENCE, EMERGING OPPORTUNITIES

Session Chair:  Richard Brown
   Dr Brown is the Secretary-General of the World Federation of Chiropractic. Based at the WFC Secretariat in Toronto, Canada, he previously practised for 25 years in the United Kingdom.

09:05 - 09:50  Opening Keynote Address:
   We're all in this together: how empathy is the new medication
   Jeremy Howick, University of Oxford
   In an age where there has been a pill for every ill, Dr Howick will explain how evidence is showing that a dose of empathy is all some patients need. Beyond that, as health professionals he will also talk about the importance of being empathic with ourselves.

09:50 - 10:25  Keynote Address:
   Lessons from the Lancet: our greatest global opportunity.
   Jan Hartvigsen, University of Southern Denmark
   When the Lancet series of low back pain papers was published in March 2018 they made a huge global impact. What's more, they provided compelling evidence for a non-drug, non-surgical approach to back pain. Professor Hartvigsen will discuss the key findings and how the chiropractic profession may leverage the evidence to support claims for integration.
SESSION B: REALITIES OF PATIENT-CENTERED CARE

Session Chair: Daniel Facchini

Dr Facchini is the Director of Academic Affairs for the Brazilian Chiropractic Association (ABQ). A graduate of Brazil's Feeevale University, Dr Facchini also has a Master of Science degree in Biosciences and Rehabilitation.

11:05 - 11:20

Why emotional intelligence is fundamental to patient-centered care

Stewart Cotterill, AECC University College

Success as a healthcare professional depends as much on EQ as IQ. In this enlightening presentation, Professor Cotterill explores the nature of emotional intelligence and how it can break down barriers in patient-centred care.

11:20 - 11:40

Values and preferences: the many faces of individualised care.

Ayla Azad, Canadian Memorial Chiropractic College

A core component of evidence-based care is respecting patient values and preferences. Dr Azad will discuss how cultural competence and understanding individual patient attitudes and beliefs can determine outcomes in clinical practice.

11:40 - 12:30

Discussion Panel:

Through the looking glass: how do we create a sustainable future for chiropractic?

Alison Dantas, CEO, Canadian Chiropractic Association
Bobby Maybee, Forward Thinking Chiropractic Alliance
Catherine Quinn, President, British Chiropractic Association
Vas Gkolfinopoulos, President, ECU
Laurie Tassell, President, WFC

Members of the panel will each present their 'elevator pitch' for their vision for the future of the profession before being questioned collectively and individually by the Chair and audience members.
12:30 - 12:45  
**Premier Sponsor Recognition: Activator Methods**  
*Arlan Fuhr*

With clinicians needing to focus on more time with their patients as they become busier in their offices and their personal lives, Dr Arlan Fuhr will demonstrate Activator Methods International's new Virtual Training technique program.

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14:00 - 15:30

**LUNCH, POSTER EXHIBITION & TRADE STANDS**

**TRACK A1 - ORIGINAL RESEARCH PRESENTATIONS**  
Multiple presenters

**TRACK A2 - ORIGINAL RESEARCH PRESENTATIONS**  
Multiple presenters

**TRACK A3 - SPORTS CHIROPRACTIC**  
**HAMSTRING INJURY: AND WHEN IT ISN'T.**  
*Ulrik Sandstrom*

This workshop, presented by Olympic Games chiropractor Ulrik Sandstrom, will help chiropractors in the assessment and differential diagnosis of posterior thigh pain in athletes. Return-to-play protocols and prognosis, based on history, examination outcomes and sporting demands, will be presented.

**TRACK A4 - CLINICAL SCIENCES**  
**THE DISSECTION CONNECTION: RECONCILING EVIDENCE AND CLINICAL REALITIES REGARDING STROKE AND CERVICAL SPINE MANIPULATION**  
*Shawn Thistle*

In this highly informative workshop, Dr Thistle will comprehensively review the available evidence in the context of day to day clinical practice. The strengths and weaknesses of the research so far undertaken will be discussed to enable clinicians to knowledgeably discuss the subject with patients and colleagues in other health professions.
TRACK A5 - TECHNIQUE
A PREVIEW OF THOMPSON TECHNIQUE
Rob Jackson

The Thompson Technique is a full spine adjusting technique that emphasizes high velocity, low amplitude and some low force techniques using a drop table as an indispensable adjunct. This 90-minute workshop will introduce key principles in a hands-on setting.

REFRESHMENT BREAK, POSTER EXHIBITION & TRADE STANDS
16:00 - 17:30

TRACK B1 - ORIGINAL RESEARCH PRESENTATIONS
Multiple presenters

TRACK B2 - ORIGINAL RESEARCH PRESENTATIONS
Multiple presenters

TRACK B3 - CLINICAL SCIENCES
IDENTIFYING AND MANAGING PSYCHOSOCIAL FACTORS IN SPINAL PAIN: AN INTERACTIVE WORKSHOP.
David Byfield, Jonathan Field, Tim Raven, Stuart Smellie

With an ever-greater focus on non-physical factors in the management of spinal pain, this workshop will explore evidence based screening and strategies for the management of psychosocial factors to support traditional chiropractic approaches.

TRACK B4 - PAEDIATRICS
CHIROPRACTORS AS PUBLIC HEALTH ADVOCATES IN TACKLING PAEDIATRIC OBESITY.
Sue Weber, Lise Hestbaek, Aurelie Marchand, Amy Miller

This workshop, presented by the EAC’s SIG Paediatrics Faculty, aims to provide an understanding of the epidemiology, prevention, and management of obesity in the paediatric patient. In addition, it will provide strategies for the chiropractor to address these issues, with a focus on the special considerations in the chiropractic management of the obese child. Management includes prevention and treatment embedded in a biopsychosocial context.
The mission of the Global Spine Care Initiative is to provide a practical, evidence-informed spine health care model for communities around the world. This workshop will show participants how to deliver sustainable, biopsychosocial, EPIC care that is applicable to high-, middle- and low-income countries around the world.
POSTER RECEPTION

17:30 - 18:30 Thursday, March 21, 2019
Balcony, Hall Maritim, Maritim Hotel, Berlin

- Experience the poster exhibition in a relaxed atmosphere with complimentary refreshments.
- Learn about new innovations in the fields of chiropractic research.
- Be inspired by the latest research and have a chance to meet the world's leading chiropractic researchers.
JOIN US FOR AN UNFORGETTABLE NIGHT IN INCREDIBLE SURROUNDINGS AT ONE OF BERLIN'S PREMIER EVENT LOCATIONS.

- A unique Berlin experience
- Dramatic illumination
- Sumptuous 3-course dinner
- Fabulous disco with dancing till late!
- Unmissable experience to share with colleagues and friends.

TICKET NUMBERS LIMITED - BOOK NOW AT EPIC2019.NET
Joy Doll is an accomplished TEDx Speaker and is the winner of the 2018 American Occupational Therapy Interprofessional Collaboration Award.

As Associate Professor in the Department of Occupational Therapy, Dr Doll is at the helm of innovative clinical care at Creighton University, Nebraska, USA as the Executive Director of the Center for Interprofessional Practice, Education and Research. Creighton is one of the first in the nation to provide interprofessional education - a team-based approach to care drawing upon the shared knowledge of health care professionals to deliver better patient care.

Dr Doll's work at Creighton has involved building interprofessional health outreach and addressing health needs with communities in Omaha, rural Nebraska and several countries.

Dr Doll graduated from the University of South Alabama with a Bachelor’s of Science in Occupational Therapy (BSOT) and from Creighton University with her Doctorate in Occupational Therapy (OTD).

After receiving her doctorate, Dr. Doll completed a VISTA (Volunteer in Service to America) with AmeriCorps coordinating a volunteer respite program for the Presbyterian Outreach.

After her VISTA, Dr. Doll acted as the Coordinator for the Office of Interprofessional Scholarship, Service and Education (OISSE) designing and implementing community engagement activities for students across Creighton University’s School of Pharmacy and Health Professions.

Dr. Doll joined the Department of Occupational Therapy at Creighton in 2007 and is past Vice Chair and Director of the Post-Professional OTD Program.

Her research interests include interprofessional education and vulnerable populations. She is extensively published and is an acknowledged expert in the field of interprofessional collaboration.

**Professor Doll's keynote address titled "Golden Rules For Interprofessional Collaboration" will be delivered on Friday, March 22.**
Professor Côté’s research focuses on understanding the aetiology, prognosis and management of musculoskeletal pain and disability and mental health. He has published more than 160 scientific papers in highly prestigious journals such as the New England Journal of Medicine, Pain, Annals of Internal Medicine and American Journal of Epidemiology.

Professor Côté holds positions at the University of Ontario Institute of Technology and the Dalla Lama School of Public Health at the University of Toronto.

He is a longstanding member of EuroSpine and is a consultant to the French Chiropractic Association. He presents globally on the topic of research literacy.

Professor Côté is truly a giant in the chiropractic profession and has strengthened the reputation of chiropractic around the world. Attendees at EPIC2019 will not want to miss his presentation.

Professor Côté’s keynote address titled "Interdisciplinary research: a team sport worth playing" will be delivered on Friday, March 22.

keynote speaker:

PIERRE CÔTÉ
SESSION C: QUALITY ASSURANCE THROUGH INTERPROFESSIONAL COLLABORATION

Session Chair: Tom Michielsen
Dr Michielsen is the Chair of the European Academy of Chiropractic. Dual qualified as a medical doctor and chiropractor, he is also the Vice-President of the Belgian Chiropractors' Union.

08:35 - 09:15 Keynote address:
Golden rules for effective IPC
Joy Doll, Creighton University, Nebraska, USA
With patients demanding joined-up thinking when it comes to decision-making about their health and care, chiropractors have opportunities to be key contributors to multidisciplinary teams. In this keynote address, Dr Doll will set out the essentials of interprofessional collaboration and why it is in everyone’s interests to be a team player.

09:15 - 09:45 Keynote address:
Interdisciplinary research: a team sport worth playing.
Pierre Côté, University of Ontario Institute of Technology
With data driving legitimacy in health care, research teams are often drawn from a range of backgrounds. In this presentation Professor Côté will describe how connecting globally with researchers from all backgrounds has strengthened chiropractic and created trust and respect.

09:45 - 10:30 Panel discussion:
Are X-rays still the standard of care in chiropractic?
Trevor Foshang, Northwestern Health Sciences University
George Curry, International Chiropractors' Association
Christine Goertz (CEO, Spine IQ)
Kei Takeyachi, Japanese Association of Chiropractors
Inger Roug, AECC University College
The issue of imaging in chiropractic practice as the standard of care remains the subject of fierce debate. This session will explore the merits of imaging in contemporary chiropractic practice and outcomes in jurisdictions where chiropractors do not have routine access to plain film x-rays.

SESSION D: OBJECTIVES AND EXPECTATIONS OF CONTEMPORARY SPINE CARE

Session Chair: Katie Pohlman

Dr Pohlman is Director of Research at Parker University, Dallas, USA. Her research interest is in research methodology. She has been actively engaged in research since 2009 and is a peer reviewer for a number of journals. She is currently one of the CARL (Chiropractic Academy of Research Leadership) Fellows.

11:00 - 11:30

Great expectations - and how to meet them

Jeffrey Langmaid

Working as part of a dedicated spine care team brings with it expectations in terms of knowledge, skills and behaviours. What does it take to be a competent team player? Jeff Langmaid, founder of The Evidence Based Chiropractor website talks about his experience as a chiropractor in a large, multi-practitioner spine facility.

11:30 - 12:00

Drilling down: why chronic cases are difficult to crack

Edward Cambridge, Private Practice, Ontario, Canada

With 95% of the costs of back pain linked to just 5% of back pain patients, finding a solution for chronic pain patients is a challenge. As a student of the legendary Stuart McGill for 6 years, Dr Cambridge has a deep understanding of the biomechanics of chronic spinal pain. In this enlightening presentation, he will describe the key elements of the expert biomechanical consultation.
12:00 - 12:45  
**Discussion Forum:**

**Pain or function? Global perspectives on chiropractic's core purpose**

Michele Maiers, Northwestern Health Sciences University (Chair)  
Eric Chu, President, Chiropractic Doctors Association of Hong Kong  
Katie de Luca, Sydney University, Australia  
Carlos Gevers Montoro, President, Spanish Chiropractic Association  
Ulrik Sandstrom, Sports Chiropractor, Leicester Tigers RFC

Historically, chiropractic was founded on the principle of improving health by adjusting the spine to remove nerve interference. As the profession evolved it focused on spinal pain and disability. The panel will discuss the contemporary role of chiropractic as a pain-based or functionally-oriented profession.

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**LUNCH, POSTER EXHIBITION & TRADE STANDS**

14:00 - 15:30

**TRACK C1 - ORIGINAL RESEARCH PRESENTATIONS**

*Multiple presenters*

**TRACK C2 - ORIGINAL RESEARCH PRESENTATIONS**

*Multiple presenters*

**TRACK C3 - NEUROLOGY**

**DIZZINESS DIFFERENTIAL DIAGNOSIS: CLUES FROM HISTORY AND EXAMINATION**

*Carlo Rinaudo*

Identifying the cause(s) of dizziness can be complex and time consuming. This 1.5 hour workshop serves to help the chiropractor through the process and improve their clinical competency. Upon the completion of this workshop, participants will be able to utilize clues from the history to create a working / differential diagnosis, perform a bedside examination, assisting with the differential diagnosis of dizziness from the cervical spine, visual, vestibular and cerebrovascular incidents, and identify patients in need of appropriate referral for co-management or medical emergency.
DAY 2 - FRIDAY, MARCH 22, 2019

TRACK C4 - BIOMECHANICS

CRACKING THE TOUGHEST CASES: ELIMINATING PAIN TRIGGERS AND CREATING RESILIENT BACKS.

Edward Cambridge

In this hands-on workshop, Dr Cambridge will demonstrate evidence-based biomechanics techniques, specifically directed at controlled movement, clinical tools and rehabilitation of low back and hip pain.

TRACK C5 - CLINICAL SCIENCES

IS YOUR PATIENT REALLY GETTING BETTER? QUANTITATIVE ASSESSMENT IN PHYSICAL SPINAL ASSESSMENT

John Maltby

With common testing procedures for spinal disorders frequently lacking in specificity, being able to objectively measure improvements in function can be a hit and miss exercise. In this workshop, Dr Maltby will review the accuracy of current orthopaedic testing and describe new methods of objectively measuring range of movement.

REFRESHMENT BREAK, POSTER EXHIBITION & TRADE STANDS

16:00 - 17:30

TRACK D1 - ORIGINAL RESEARCH PRESENTATIONS

Multiple presenters

TRACK D2 - ORIGINAL RESEARCH PRESENTATIONS

Multiple presenters

TRACK D3 - REHABILITATION

EXERCISE AS MEDICINE: EVIDENCE-BASED REHABILITATION IN CLINICAL CARE

Scott Howitt, Chris de Graauw

This workshop will teach chiropractors to incorporate motivational physical activity counselling and exercise prescription into their regular clinical practice. Using a patient-centred approach, techniques will impact particularly on the management of chronic disease.
ACTIVATOR METHOD
Arlan Fuhr, Ricardo Fujikawa, Joseph Steinhouser

Activator Method is one of the most widely used chiropractic techniques in the world. In this workshop, Founder of Activator Methods Inc. Arlan Fuhr and Ricardo Fujikawa will outline the advantages of instrument adjusting and its utility in the treatment of patients across the life course.

ONLINE GUIDELINE IMPLEMENTATION: APPLYING THE EVIDENCE IN CLINICAL PRACTICE
Carolina Cancelliere

An expert in knowledge translation, Dr Cancelliere will present implementation tools to assist chiropractors in using the current best practice recommendations from accepted guidelines for soft tissue shoulder injuries. Promoters and barriers to guideline implementation will be explored within groups using case examples.
POSTER RECEPTION

17:30-18:30 Friday, March 22, 2019
Balcony, Hall Maritim, Maritim Hotel, Berlin

- Experience the poster exhibition in a relaxed atmosphere with complimentary refreshments.
- Learn about new innovations in the fields of chiropractic research.
- Be inspired by the latest research and have a chance to meet the world's leading chiropractic researchers.
Julian Treasure is a global sound and communication expert. He is a five-time TED speaker and his talks have collectively been downloaded over 50 million times.

Julian's vision is a world that listens consciously and expresses itself beautifully.

As the author of best-selling book, How To Be Heard: Secrets For Powerful Speaking And Listening, Julian is a global authority on the science of sound and the art of effective communication.

Julian is the Chair of the Sound Agency, a firm that advises worldwide businesses - offices, airports, hospitals - on how to design sound in their physical spaces and communication. He asks us to pay attention to the sound around us.

Much of Julian's work has been in the healthcare arena, where he has consulted on issues ranging from patient communication skills to diluting the traumatising effect of intensive care instrumentation noise.

Julian maintains that listening is the doorway to understanding but that often it is untaught and usually unpractised. In an age of text message communication, he also considers that the beauty of the human voice is marginalised.

Julian is a graduate of the University of Cambridge. He worked extensively in marketing and communications before founding the Sound Agency in 2004.

A regular media commentator on television and radio, Julian has featured on the BBC, CNBC and CNN and has been interviewed for The Times, the Wall Street Journal, the New York Times and The Guardian newspapers.

In this keynote address, EPIC2019 attendees will learn how to improve their communication with patients, with fellow health practitioners and as platform presenters to lay and professional audiences.

Julian will deliver his keynote address, "The Secrets Of Powerful Communication" on Saturday, March 23
Greg Kawchuk is one of the top-rated speakers in chiropractic today since bursting onto the conference scene some three years ago.

Speaking to standing ovations at the annual conventions of the Canadian Chiropractic Association, National Chiropractic Leadership Conference and European Chiropractors’ Union conventions, Professor Kawchuk will bring his unique and often humorous perspective on science and chiropractic to Berlin.

Professor Kawchuk is a 1990 graduate of the Canadian Memorial Chiropractic College and went on to receive his PhD in bioengineering from the University of Calgary in 2000. He is now a full professor in the Faculty of Rehabilitation Medicine at the University of Alberta, Canada and holds the Canada Research Chair in spinal function.

Professor Kawchuk was the recipient of the Researcher of the Year Award in 2016 by the American Chiropractic Association, a rare honour for a Canadian.

If you don’t know him from these accomplishments, you might have heard about his most recent work, creating the first-ever MRI images of joint cavitation and the resulting scientific paper that went viral on a global level.

Professor Kawchuk is one of the founders and mentors of CARL (Chiropractic Academy of Research Leadership), an initiative committed to developing early career researchers and expanding research capacity.

Since 2013, Professor Kawchuk has been Chair of the WFC Research Committee.

As Professor Kawchuk only speaks at a few events each year, we are thrilled to have him on our roster for EPIC2019.

Don’t miss one of the rare chances in 2019 to hear this renowned speaker give his keynote lecture

**Professor Kawchuk will deliver his keynote address, “Steps to Legitimacy: An EPIC Journey” at EPIC2019 on Saturday, March 23.**

keynote speaker: GREG KAWCHUK
SESSION E: COLLABORATING WITH PURPOSE.

Session Chair: *Vivian Kil*

Dr Kil is the First Vice-President of the World Federation of Chiropractic and the Vice-President of the European Chiropractors’ Union. She has served as President of the Netherlands Chiropractic Association and is in private practice in the Netherlands.

08:30 - 09:15  
*The secrets of powerful communication*  
*Julian Treasure, The Sound Agency, UK*

Communication expert and five-time TED speaker (with over 70 million views) Julian Treasure reveals the power of conscious listening and powerful speaking, explaining practical ways to develop these vital skills and how to address the habits that commonly get in the way. From small patient groups to larger audiences, Julian will cover the key elements of public speaking.

09:15 - 09:45  
*A world of difference: the Global Spine Care Initiative*  
*Claire Johnson, National Health Sciences University*

The GSCI is an initiative of World Spine Care with a purpose of reducing the global burden of disease and disability by bringing together leading scientists, healthcare providers, government agencies and other stakeholders to transform the delivery of healthcare. This series of short presentations will showcase the activities of the GSCI and describe research recently published in the European Spine Journal.

09:45 - 10:00  
*Sports chiropractic: being for the team, being in the team*  
*Pete Garbutt*

FICS is the international voice of sports chiropractic. Pete Garbutt, FICS President outlines the role of chiropractors at all levels of sport and the benefits it can bring to the entire profession.

10:00 - 10:30  
*EPIC: the only path for the future of chiropractic*  
*Greg Kawchuk, University of Alberta, Canada*

Pulling together each of the themes of EPIC2019, Professor Kawchuk will set out the key opportunities for chiropractic and the potential consequences of not seizing them. In this entertaining keynote address, he will emphasize the role of researchers and clinicians in shaping the future.
SESSION F: RECOGNISING EXCELLENCE IN RESEARCH

Session Chair:  Dave Newell

Professor Newell is the Director of Research at AECC University College and is a Senior Research Fellow at the Primary Care Unit of the University of Southampton. His research interests include contextual effects in the provision of non-surgical spine care.

11:00 - 11:30  
Keynote address:  
Investment, integrity and innovation: the essence of research.
Henrik Wulf Christensen

Dr Christensen is the manager of the ECU research arm, the European Centre for Chiropractic Research Excellence and is Director and Head of Research of the Nordic Institute of Chiropractic and Clinical Biomechanics. All chiropractors in Denmark contribute to research by a levy on each treatment provided. This has led to a well-financed research programme that is the envy of the world. In this keynote address Dr Christensen will describe the success of NIKKB over more than a quarter of a century and the benefits it has brought for the wider profession.

11:30 - 12:15  
The 2019 WFC and ECCRE Research Awards
Greg Kawchuk and Tom Michielsen

This session will showcase the prize-winning entries to the WFC and ECCRE Research Competition, including the $10,000 Scott Haldeman Award, the new award for Early Career Investigator and the international IBCE Poster Awards.

12:15 - 12:30  
Preview of the 16th Biennial WFC Congress and the 79th ECU Convention.

12:30 - 12:45  
Closing Addresses
CHIROPRACTORS are an essential part of the health care team of any athlete. At all levels and across disciplines great relationships can be formed with a common goal of athletic rehabilitation, injury prevention and wellness. In this workshop, Dr Sokoloff will focus on how interprofessional relationships are built and sustained in sports chiropractic.

Nobody wakes up and decides that today is the day I will destroy my practice, get divorced and will most likely have to relocate. Yet through misconduct, some chiropractors achieve all three of these things. In this interactive, stimulating and entertaining workshop exploring practitioner violations, ethics and boundaries will be discussed, along with risk management and strategies to avoid allegations of misconduct.

CARL (Chiropractic Academy for Research Leadership) was established to develop, mentor and support early career researchers. The workshop will focus on the importance of academic leadership in expanding research capacity through the development of career pathways.
In this workshop, the focus will be on the sacroiliac joint as the core element of a kinetic chain with resultant dysfunctional syndromes arising as a consequence of ligament instability. Dr Serola will set out principles of rehabilitation, ligament reintegration and global muscle strengthening.

**TRACK E5 - BIOMECHANICS**

**MUSCULOSKELETAL INTEGRATION:**  
**HARMONISING STRUCTURE AND MOVEMENT**  
*Rick Serola*

Trans-Cranial Low Level Light Therapy (LLLT) is now being used for Neuromodulation. It has become an evidence-supported application that fits perfectly in a neuro-rehabilitation and neuro-optimization setting. This fascinating workshop will review the mechanisms of LLLT, present literature on the feasibility and potential outcomes associated with its application, and demonstrate a research-supported protocol for brain injury rehabilitation.

**TRACK F1 - SPORTS CHIROPRACTIC**

**THREE METHODS FOR MANIPULATION OF THE ANKLE:**  
**MANUAL, MECHANICAL, DROP PIECE**  
*Brian Nook, Stephen Perle*

This hands-on session featuring two of the leaders in sports chiropractic will focus exclusively on management of ankle injuries in sport, exploring assessment and workshopping a range of modalities commonly used in chiropractic practice to manage dysfunction.
DAY 3 - SATURDAY, MARCH 23, 2019

TRACK F2 - ORTHOPAEDICS

BOOT CAMP: INNOVATIVE PROGRAMMES FOR THE MANAGEMENT OF SCIATICA

Carlo Ammendolia

The Boot Camp Program for Sciatica is an evidenced-based, non-surgical and non-pharmacological approach developed at Mount Sinai Hospital by Dr. Carlo Ammendolia. It is a systematic and comprehensive approach that includes specific manual therapy techniques, individual exercises and instruction on self-management and preventative strategies. This workshop will provide practical strategies on how to implement an evidence-based treatment approach for sciatica into chiropractic practice.

TRACK F3 - PRACTICE MANAGEMENT

MINI BRAIN SPA: BUILDING THE MINDSET FOR PATIENT-CENTRED PRACTICE SUCCESS.

Cecile Thackeray

Dr Thackeray is an experienced chiropractor and a director of Sidecar, an organisation dedicated to helping chiropractors reach their professional objectives. Sidecar focuses on business excellence, team leadership, practice success and permitting a work-life balance. This 90-minute workshop will introduce attendees to the development of a mindset for success within the context of patient-centred practice management.

TRACK F4 - NEUROLOGY

CLINICAL CONSIDERATIONS IN POST-CONCUSSIVE REHABILITATION

Igor Dijkers, Nicole Oliver, Matthew Antonucci

Mild to moderate brain injury has become a hot topic in the last decade in a variety of research fields. It has become clear that no single field of research or one single clinical discipline is the preferred field when it comes to concussion, contusion and post-concussive disorders. In this workshop an overview of the different and often overlapping clinical phenotypes of (post-)concussive syndrome/disorder will be presented.
TRACK F5 - PAEDIATRICS

TINY TUNE-UPS - ANATOMIC AND CLINICAL CONSIDERATIONS IN NEONATAL CHIROPRACTIC CARE

Lora Tanis

Lora Tanis is a chiropractor with almost 30 years’ experience in paediatric practice. In this focused workshop she will use real-life cases to describe important anatomical and clinical factors that impact on chiropractic care of the neonate. Appropriate examination, technique and management of the most commonly encountered conditions will be described.
Don’t forget to book your ticket to the glittering

**EPIC2019 GALA BANQUET**

Saturday, March 23, 2019  
Maritim Hotel, Berlin

The perfect way to bring the Congress to a close!

19:00 to 00:00

Ticket price includes unlimited wine/beer/soft drinks

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