

# Annual Report 2022



Chiropractic  
Educators  
Research  
Forum

**Over the next decades,**

**CERF will provide opportunities to  
engage in academic scholarship  
for *hundreds of educators*,**

**which will improve the  
knowledge, skills, and attitudes of  
*thousands of chiropractors*,**

**which will impact the lives of  
*millions of people*.**

**This report reflects the steps of  
our journey in 2022.**

Report prepared by  
Claire Johnson, DC, MEd, PhD  
CERF volunteer administrator  
January 14, 2023

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# Chiropractic Educators Research Forum (CERF)



Chiropractic  
Educators  
Research  
Forum

## What is the CERF Mission?

To build scholarship and research capacity  
for chiropractic educators throughout the world.

## What is CERF?

CERF is a volunteer run organization created for chiropractic program faculty, staff, and administrators to build education research capacity and to develop and advance academic scholarship. CERF is a place for chiropractic and other health professions educators to engage in research and the scholarship of discovery, integration, application, teaching, and engagement.

## How Does CERF Work?

**CERF provides supporting infrastructure for faculty, staff, and administration to learn to be better at what they do.** CERF engages members to participate in discussions, projects, and other activities to advance chiropractic education research and scholarship. Chiropractic educators who develop their skills and engage in research and scholarship will ultimately improve the quality of the chiropractic programs. Thus, improving the quality of education improves the quality of the graduates and the profession, resulting in improved care for patients and the public.

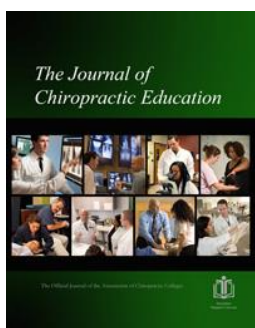


"CERF is a great platform to help programmes build research capacity within themselves as well as with other universities. CERF conferences help delegates connect and build professional networks. CERF members learn from those from other universities and share their knowledge and resources. CERF helps with building better networks and collaborations."  
*CERF board member: Yi Kai Wong, MSc, BSc(Chiro) Program Director, Centre for Complementary and Alternative Medicine, International Medical University, Malaysia*

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## Accomplishments Overview 2022

- CERF membership grew to **454 members** in **14 countries**.
- **2 virtual CERF conferences:** provided members with opportunities to participate in the latest research and scholarship, with a total of **24 research presentations** and **193 registrants**.
  - Academic Integrity - June 2022
  - Building Research Capacity - December 2022
- **Publication of 2** proceedings in the *Journal of Chiropractic Education*
- **18 newsletters** included upcoming events, conferences, collaborations, research and scholarly opportunities and recognition of sponsors.
- **Brag board** included announcements and recognition of excellent scholarly work done by **52 CERF members**.
- **9 blog posts** addressed perceptions of student cheating, interests in education research interests, authorship criteria, barriers and motivators for doing research, and reasons why faculty members should present at the CERF conferences.
- **32 CERF members** on the Peer Review Committee.
- **1 best paper award** was announced, and the authors were recognized for their excellent scholarly publication.
- **CERF abstract mentoring program** assisted author teams in improving their submitted abstracts and presentations.
- **CERF share board** was expanded with a section on academic integrity.
- **New tutorials** on academic integrity and scholarship development were created and posted to the 5-Minute Mentor page.
- Engaging with international chiropractic organizations: World Federation of Chiropractic, National Board of Chiropractic Examiners, Council on Chiropractic Education, International Chiropractic Regulatory Society, Federación Latino Americana de Quiropráctica.



## CERF Awards and Publications

### CERF Conference Best Paper Award Announced

Award winning papers are published in the *Journal of Chiropractic Education* ([www.JournalChiroEd.com](http://www.JournalChiroEd.com)). Authors receive a monetary award and are invited to serve on the JCE Editorial Board. The CERF

Best Paper Award from the conference: Preparing for the Future: Diversity in Chiropractic Education, December 2021

***Awareness of LGBTQ+ health disparities: A survey study of complementary integrative health providers*** Video Abstract <https://youtu.be/3rOFiBLa00>

Kara Burnham, Suzanne Lady, Cecelia Martin

### CERF Conference Proceedings

Published in the *Journal of Chiropractic Education*, indexed in PubMed, Scopus, Web of Science, and other international databases. Abstracts include links to the video presentations so that they may be enjoyed by a wide audience.

- Preparing for the Future: Diversity in Chiropractic Education: Chiropractic Educators Research Forum (CERF), December 4, 2021 Click here <https://doi.org/10.7899/JCE-21-49>
- Academic Integrity for All: Building Better Professionals: Chiropractic Educators Research Forum (CERF), June 25, 2022 Click here <https://doi.org/10.7899/JCE-22-15>



“CERF provides chiropractic educators a unique opportunity to develop their education research skills. The resources provided by CERF, the conferences, and the network of colleagues provide, multiple ways for us to develop our knowledge and skills. Networking is key because this is how we discover similar interests and potential projects to work on together. Meeting colleagues allows us to see if our personalities click and if our skill sets bring a unique aspect to the collaboration.

CERF conferences are inviting, interesting, and supportive. This allows CERF members to attend and learn in a relaxed and scholarly environment. Attendees can ask questions for clarification, get inside knowledge on specific topics from the tutors, and learn new things to apply in the practice of education.

CERF provides a critical entry point for chiropractic educators to engage in various types of scholarship to develop their skills and knowledge. CERF sets the environment and brings resources to chiropractic educators to advance their careers.” CERF board member: Bart Green, DC, MSED, PhD Stanford Health Care and National University of Health Sciences, USA



## 11th WFC ACC Global Education Conference 2022

### CERF-WFC Alan Adams Education Research Award

This award recognizes excellence in research education, highlights current and relevant research, disseminates new information, and increases awareness of education research.



Read about the *spirit, ethos, and enduring impact* of Dr. Alan Adams as a person, educator, and researcher



He contributed to improving chiropractic education, research, and evidence-based practice for chiropractic.

- Beautiful Human Being
- Teacher and Colleague
- Fearless
- Meticulous
- Mentor and Friend
- Dedication to Life-Long Learning
- Impactful Leader
- Dedicated Educationalist
- Supreme Ambassador
- Fostered Interdisciplinary Relations

In memoriam of Alan H. Adams, DC, MS, MEd: Health professions educator and chiropractic research pioneer.  
*J Chiropr Educ* 2021 <https://doi.org/10.7899/JCE-21-35>



### CERF-WFC Alan Adams Education Research Award Chairs

- Richard Brown, DC, LLM - World Federation of Chiropractic
- Bart Green, DC, MEd, PhD - Journal of Chiropractic Education

### Award Selection Committee (WFC World Region)

- David Byfield, DC, MPhil - Welsh Institute of Chiropractic, University of South Wales (Europe)
- Michael Mestan, DC, MS, EdD - Northeast College of Health Sciences (North America)
- John Mrozek, DC, MEd, EdD - Texas Chiropractic College (North America)
- Stephney Whillier, BSc, BEd, PhD - Macquarie University (Pacific)
- Yi Kai Wong, MSc, BSc(Chiro) - Centre for Complementary and Alternative Medicine, IMU Malaysia (Asia)

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**CERF-WFC Alan Adams Education Research Awards designated at the 11th WFC ACC Global Education Conference 2022**

First Prize

WFC Education Conference

***Measuring the quality of the OSCE in a chiropractic program: A review of metrics and recommendations***

Alice Cade, Nimrod Mueller



Drs Bart Green, Alice Cade, and Richard Brown

Second Prize

WFC Education Conference

***Contrast bias in grading student clinical interns across the transition between trimesters***

Michael Sheppard, Stephanie Johnson, John Ward



Drs Bart Green, Michael Sheppard, and Richard Brown

Honorable Mention Awards

***Chiropractic faculty experiences of burnout and the COVID-19 pandemic***

Krista Ward, Bradley Francis, Ricky Wong, Melinda Pham, Monica Smith

***Burnout syndrome in chiropractic interns: A pilot longitudinal study***

Gary Tam, Jesse Cooper, Gregory Priest, Katherine Pohlman

***Interprofessional collaboration: Hospital rotation experience for chiropractic interns and medical doctors at a neuromusculoskeletal department in an acute care hospital***

Mayda Serrano, Waleska Crespo



“CERF contributes to building research capacity through ongoing engagement of participants in research preparation and presentation. It provides a regularly scheduled platform for discussion and dissemination that are essential components of research without the costs of travel and accommodation.

Research is inert until shared. The online format of the CERF conferences provides an important format for sharing and building collaborative relationships. It’s almost like being there.

All faculty in chiropractic programs are encouraged to attend and listen to the presentations on topics that should be of interest to them. They will see that there is a viable pathway to scholarship in education and also see that others share many of their interests and concerns. Perhaps from that interest and concern will arise a collaboration and further engagement leading to dissemination through a future CERF conference.” CERF board member: John Mrozek, DC, Med, EdD *President’s Liaison: Education & External Affairs at Texas Chiropractic College, Pasadena, Texas, USA*

## CERF Coaching Program

**Purpose:** This coaching program helps build knowledge and skills for writing and submitting abstracts to scientific conferences. This program helps educators further develop their abstract writing skills builds research capacity.

**The Need:** Most conference abstract submission processes are summative: either the abstract is accepted or rejected. There is no learning involved and new submitters often walk away from the experience discouraged from ever trying again. This is an impediment to building educational research capacity.

**How it works:** All abstracts are submitted to the peer review process. Each author is given individualized feedback from the Peer Review Committee. Authors who may need assistance are given personal tutorial sessions by phone or virtual conference to discuss questions or concerns and to talk through difficulties they may encounter. Ultimately, abstracts that are finally accepted are improved from the originally submitted version and only the best abstracts are accepted for presentation.





“CERF has definitely encouraged building research capacity from a global perspective. The frequency of the meetings and the themes have stimulated thought and contribution from a wide cross section of the profession globally. It has also demonstrated how much work is currently ongoing around the chiropractic educational world. CERF conferences have created a vibrant collaborative environment, and this is particularly evident during the conference itself. The CERF Conferences are an excellent vehicle for CERF members to stay connected to the organisation and participate at various levels.” CERF board member: David Byfield BSc (Hons), DC, MPhil, FCC, FBCA, FFEAC, Head of Clinical Services, Welsh Institute of Chiropractic, University of South Wales.

“CERF helps to strengthen research capacity by enabling participants to continue their research initiatives and create new knowledge. CERF also offers resources like mentoring and training to aid researchers in honing their abilities and improving their comprehension of the research process. CERF promotes research collaborations amongst many institutes and researchers, which may serve to improve the impact of research and produce ground-breaking responses to research problems.



CERF is crucial to developing cooperative relationships because it gives participants a chance to network and establish close relationships with other experts. These professional meetings are also an excellent place to debate new research and ideas, exchange resources, and learn new information. Professionals can build ties that might result in future partnerships and obtain a better understanding of their colleagues’ work by attending such meetings. These gatherings are also a great opportunity to broaden one’s professional network by meeting new people and learning about new prospects.

CERF conferences offer chances to discuss best practices in education and research, network with other professionals in the area, and learn from subject-matter experts. These conferences give attendees access to novel and important research ideas, and a variety of viewpoints. Members can learn about new concepts and network with peers at CERF conferences, which may result in collaborations, employment opportunities, and more. The conferences give participants a place to display their contributions and successes.” CERF board member: Niu Zhang, MD, MS Professor, Academic Affairs, Palmer College of Chiropractic, Port Orange, Florida, USA

## Detail of CERF 2022 June Conference

### Academic Integrity for All Building Better Professionals



CERF Virtual Conference June 25, 2022

### Purpose of Conference

The June 2022 Conference specifically focused on research related to academic integrity and professionalism. Academic integrity is fundamental to learning, teaching and research and is the commitment to and demonstration of honest and moral behavior in an academic setting. Therefore, academic integrity is much more than managing the negative side – plagiarism, cheating, misconduct, and dishonesty – but also incorporates promotion of the positive side, which includes improving and

maintaining academic standards, developing, and promoting skills and attitudes of honesty, integrity, and professionalism of students, faculty, and graduates. This conference looked at both the negative and the positive aspects of integrity.

This conference aimed to expand:

- 1) the scholarship of discovery through the peer-reviewed abstracts and the publication of the abstracts and video presentations; and,
- 2) the scholarship of application through the panel discussions which will lead to the development of a position/white paper on the conference theme.
- 3) The sharing and acquisition of skills and knowledge through tutorial presentations.

### Collective thoughts of CERF

#### Members

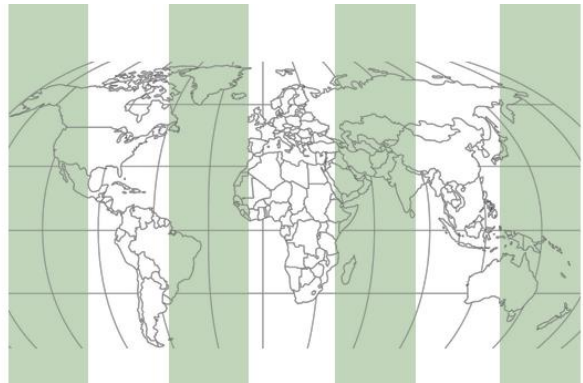
The following word cloud was created from the registration form and provides insights into the thoughts of those registering for the conference. CERF Members who registered were given an opportunity to enter their response to the question “What are you most interested in sharing or learning about?”



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## Summary of Participation

- The June conference had a later start time allowing CERF members around the world access to earlier or later sessions.
- This CERF conference provided a platform for 4 scholarly/research presentations, 3 tutorials, and 3 panel discussions.
- 17 Presenters and panelists offered tutorials, abstracts, and participated in discussions.
- The conference ran 6 hours across multiple time zones.
- Presenters represented various world regions including Australia, Canada, Europe, Israel, Malaysia, New Zealand, Puerto Rico, South Africa, and United States.
- 84 CERF members registered for this conference.



## CERF Scientific Peer Review Committee - June 2022

The following CERF members provided volunteer services for peer review of the contributed abstracts.

- Matthew Funk, DC - University of Bridgeport, College of Health Sciences, School of Chiropractic; USA
- Bart Green, DC, MEd, PhD - National University of Health Sciences; USA
- Adrian Hunnisett, MPhil, PhD - McTimoney College of Chiropractic; UK
- Fatima Ismail, MTech Chiro - University of Johannesburg; South Africa
- Claire Johnson, DC, MEd, PhD - National University of Health Sciences; USA
- John Mrozek, DC, MEd, EdD - Texas Chiropractic College; USA
- Niu Zhang, MD, MS - Palmer College of Chiropractic, Florida; USA


Tutorials: Three unique tutorials were developed on the conference theme. During the session, the video was followed by a live interview and discussion. The tutorials are available online so CERF members may continue to learn from these videos.

- Why are academic integrity and building professionalism essential in the education of health care professionals? <https://youtu.be/L4NeP3NAS-E>
- What are the responsibilities of faculty and/or administrators in academic integrity and building professionalism? <https://youtu.be/tDA68AvF9A4>
- Why is a student-centered approach important when considering academic integrity and building professionalism? <https://youtu.be/jDcUlf2yQQo>



## June 2022 Conference Schedule

### SESSION 1 June 25 at 1100 to 1300 (Pacific Time Zone)

|   |  |   |  |  |
|---|--|---|--|--|
| <b>Why are academic integrity and building professionalism essential in the education of health care professionals?</b> |  | <b>A retrospective comparison of test scores with and without supervision to assess the potential for academic cheating</b> | <b>Building better environments to support academic integrity and professionalism</b><br>Additional Panel Participants: Waleska Crespo-Rivera and Marc McRae<br>Moderators: <i>Bart Green and Claire Johnson</i> |  |
|                                        |                       |    |   |               |
| <b>Waleska Crespo-Rivera, BS(nutr), MHSA, DPH</b><br>President · Universidad Central del Caribe                         | <b>Chris Yelverton, MTech(Chiro)</b><br>Head of Department of Chiropractic, University of Johannesburg | <b>Marc McRae, MSc, DC</b><br>Professor, National University of Health Sciences   | <b>Jorge Elías Castillo Hernández, DC</b><br>Coordinator of Chiropractic Program at Universidad Veracruzana  | <b>Donna (Liewer) Cohen</b><br>Executive Director, International Chiropractic Regulatory Society |

### SESSION 2 June 25 1300 to 1500 (Pacific Time Zone)

|   |  |   |  |   |
|---|--|---|--|---|
| <b>What are the responsibilities of faculty and/or administrators in academic integrity and building professionalism?</b> |  | <b>From student to doctor: an analysis of the chiropractic oath as an allegory of the transition from academic integrity to ethical professionalism</b> | <b>Development of Adaptive Statistical Methodology to Detect Aberrant Behavior in Chiropractic Qualifying Examinations</b> | <b>Building better environments to support academic integrity and professionalism</b><br>Additional Panel Participants: Dana Sims, Igor Himelfarb, Marshall Deltoff<br>Moderators: <i>Bart Green and Claire Johnson</i> |
|   |        |   |                                        |   |
| <b>Dana Sims, PhD</b><br>Provost, University of Western States  | <b>Marshall Deltoff, DC</b><br>Professor of Radiology, Barcelona College of Chiropractic | <b>Igor Himelfarb, PhD</b><br>Director of Psychometrics and Research, National Board of Chiropractic Examiners  | <b>David J Paris, DC</b><br>Chiropractor, U.S. Department of Veterans Affairs  | <b>Gary Schultz, DC</b><br>Professor, Clinical Sciences University of Western States  |

### SESSION 3 June 25 at 1500 to 1700 (Pacific Time Zone)

|   |   |  |  |   |
|---|---|--|--|---|
| <b>Why is a student-centered approach important when considering academic integrity and building professionalism?</b> |   | <b>Exploring links between academic dishonesty and future practitioner misconduct: a review of the literature and disciplinary reports</b> | <b>Building better environments to support academic integrity and professionalism</b><br>Additional Panel Participants: Stephney Whillier, Yi Kai Wong, and Stuart Kinsinger<br>Moderators: <i>Bart Green and Claire Johnson</i> |   |
|                                    |                                      |   |   |  |
| <b>Stephney Whillier, PhD</b><br>Senior Lecturer Department of Chiropractic, Macquarie University                     | <b>Yi Kai Wong, MSc(public health), BSc(chiro)</b><br>Chiropractic Programme Director, International Medical University | <b>Stuart Kinsinger, DC, MA</b><br>Faculty member, Center for Personalized Education for Physicians  | <b>Marina Fox BSc(Physiol), BSc(Chiro), MEd</b><br>Vice President Academics, New Zealand College of Chiropractic   | <b>Navine Haworth, PhD, DC</b><br>Academic Dean, Australian Chiropractic College      |



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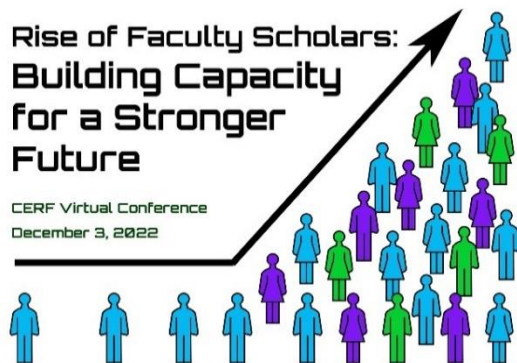
## Feedback from Attendees

All CERF members who were registered for the June 2022 conference were invited to provide feedback through an online survey (SurveyMonkey). Open-ended comments from 37 attendees were received. Sample comments are below.

- I really enjoyed hearing from everyone on the panel. A common theme of modeling professional behavior seemed to emerge. It spurred some research ideas for me.
- It was interesting to see the different processes with which institutions dealt with the procedures around breach of appropriate conduct within the sphere of academic life.
- I very much enjoyed the focus on academic integrity and professionalism, as these topics are rarely discussed in a conference setting in chiropractic education to allow for sharing of ideas and approaches across programs.
- It was highly informative to hear both the issues encountered by colleagues and the positive solutions, policies and processes in place in some programs. I found this sharing to be invaluable.
- It was helpful that the panel discussed the importance of understanding students' possible motivations and thoughts when they engage in improper academic or professional behavior. Strategies for fostering better student behavior were discussed rather than just how to deal with problems.
- The presenters all had excellent content knowledge and presented their material and responses to the Q+A with poise and thoughtfulness. This was difficult content to delve into. I appreciated all the perspectives- from the emotional why as to the reason behind cheating, the supportive coaching faculty can do to prevent it ahead of time or in terms of how to handle it if it happens, to the connection between cheating in school and how it affects the behavior of the practicing doctor. The content experts really impressed me.
- I really liked the variety of well-qualified speakers and their varied perspectives. The overall tone of optimism and commitment to growing good docs was invigorating.
- Learned a lot about why students feel the need to cheat, and some of the strategies we as educators can use to help them overcome that urge. I will be sharing those with my department faculty.

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## Detail of CERF 2022 December Conference



### Purpose of Conference

The December 2022 Conference specifically focused on education research and what chiropractic programs are doing to build faculty scholarship. Educational research refers to the “systematic collection and analysis of data related to the field of education. Research may involve a variety of methods and various aspects of education including student learning, teaching methods, teacher training, and classroom dynamics.”

### Summary of Participation

- Presenters represented various world regions including Australia, Canada, New Zealand, Puerto Rico, South Africa, United Kingdom, and United States.
- This CERF conference provided a platform for 20 scholarly/research presentations, 4 tutorials, and 4 panel discussions.
- 30 presenters and panelists offered tutorials, abstracts, and participated in panel discussions.
- The conference ran for 8 hours across multiple time zones.
- 109 CERF members registered for this conference.

Tutorials: Four unique tutorials were developed on the conference theme. During the session, the video was followed by a live interview and discussion. The tutorials are posted online so CERF members may continue to learn from these videos.

- Scholarship and research as viewed through the lens of accreditation  
<https://youtu.be/ou2wDjrJHCo>
- How to use your professional development plan to maximize your scholarship  
<https://youtu.be/-urYkhOlq9o>
- How to use your resume to build your scholarship portfolio  
[https://youtu.be/L4WuWI8WM\\_w](https://youtu.be/L4WuWI8WM_w)
- What 3 things you must have in your toolkit to succeed at scholarly writing  
<https://youtu.be/rsJarOEt2Y4> and <https://youtu.be/hVlpISwJFI>  
for handouts and other details, visit the CERF website.

## December 2022 Conference Schedule

| Rise of Faculty Scholars SESSION 1 Dec 3 at 0800 to 1000 (Pacific Time Zone)   |  |  |  |   |
|--|--|--|--|---|
|  <b>Tutorial (15 min)</b><br><b>How to use your professional development plan to maximize your scholarship</b><br>This presentation will discuss how faculty members can use a professional development plan to advance their academic careers and maximize plans for scholarly outcomes.<br>Discussant: <b>John Mrozek</b> Moderators: <b>Claire Johnson and Bart Green</b>  |  |  |  |   |
| <b>Research Presentations (30 min)</b><br>Abstract presentations are selected through blinded peer review. The research abstracts build capacity in the scholarship of discovery, which expands our current knowledge. <a href="#">And, announcement of the 2021 CERF Best Paper Award!</a>  |  |  |  |   |
| Reinigorating scholarly output through faculty-led programs:<br>A descriptive report   | Chiropractic student to student peer support activity: A descriptive report  | Passion Driven Project: Development of an innovative capstone experience to integrate biomedical knowledge and promote students' wellness using design thinking principles | A mentorship program to increase chiropractic staff research skills and productivity at the University of Johannesburg   | Development of a mentoring and coaching process to help lecturers in chiropractic education apply for Higher Education Academy qualifications: A descriptive report |
|  <b>Christie Kwon</b> , Erin Gilligan, Eric Russell   |  <b>Lisa E. Rubin</b>   |  <b>Martha Garcia</b> , Francisco Dávila, Jose Quidgley                                   |  <b>Christopher Yelverton</b> , Fatima Ismail, Caroline Hay, Cynthia Peterson |  <b>Adrian Hunnisett</b> , Christina Cunliffe                                    |
| <b>Panel Discussion Rise of Faculty Scholars: Building Capacity for a Stronger Future (40 min)</b><br>The presenting authors and invited speakers will participate in the scholarship of application through a live panel discussion to address issues related to chiropractic education and the conference theme. After the conference, the panelists generate a position paper, which includes translation of knowledge and theory into practical interventions to help solve problems.<br>Panel Participants: <b>John Mrozek, Christie Kwon, Lisa E. Rubin, Martha Garcia, Christopher Yelverton, Adrian Hunnisett</b> Moderators: <b>Bart Green and Claire Johnson</b>           |  |  |  |   |
| Rise of Faculty Scholars SESSION 2 Dec 3 at 1000 to 1200 (Pacific Time Zone)   |  |  |  |   |
|  <b>Tutorial (15 min)</b><br><b>Scholarship and research as viewed through the lens of accreditation</b><br>This presentation will help attendees better understand the process by which CCE accreditation looks at scholarship and research. In addition to an overview, this presentation will include reflection questions that programs can use to better prepare for an evaluation of program outcome expectations.<br>Presenter: <b>Craig Little, DC, EdD, President, Council of Chiropractic Education</b> Moderator: <b>Claire Johnson</b>  |  |  |  |   |
| <b>Research Presentations (30 min)</b><br>Abstract presentations are selected through blinded peer review. The research abstracts build capacity in the scholarship of discovery, which expands our current knowledge. <a href="#">And, announcement of the 2021 CERF Best Paper Award!</a>  |  |  |  |   |
| RAISE-ing capacity and scholarship: Development of a faculty ad hoc committee for research   | Chiropractic continuing education: A descriptive analysis of cultural competence and special health topics requirements globally   | Implementation and capacity of a faculty research registry to monitor ongoing faculty research activities  | The Global Chiropractic Research Enterprise: Lexical and social network analyses of education research from 2011 to 2022   | Comparison of mistakes on multiple-choice question and fill-in-the-blank: A retrospective analysis  |
|   <b>Stacie Salsbury, Lia Nightingale</b> , Kira Baca, Brian Anderson  |  <b>William K. Foshee</b> , Danielle C. Howard, Maria A. Buscemi, Nakiesha E. Pearson |  <b>Zakary Monier</b> , Katie Pohlman   |  <b>Brian Budgell</b>   |  <b>Xiaohua He</b>   |
| <b>Panel Discussion Rise of Faculty Scholars: Building Capacity for a Stronger Future (40 min)</b><br>The presenting authors and invited speakers will participate in the scholarship of application through a live panel discussion to address issues related to chiropractic education and the conference theme. After the conference, the panelists generate a position paper, which includes translation of knowledge and theory into practical interventions to help solve problems.<br>Panel Participants: <b>Craig Little, Stacie Salsbury, Lia Nightingale, William K. Foshee, Zakary Monier, Brian Budgell, Xiaohua He</b> Moderators: <b>Bart Green and Claire Johnson</b> |  |  |  |   |



## Rise of Faculty Scholars SESSION 3 Dec 3 at 1200 to 1400 (Pacific Time Zone)

### Tutorial (15 min)



#### How to use your resume to build your scholarship portfolio

This presentation will discuss how faculty members can use their resumes to advance their academic careers by building their scholarship portfolios.

Discussants: **Gregory Cramer and Christine Bradaric-Baus** Moderators: **Claire Johnson and Bart Green**

### Research Presentations (30 min)

Abstract presentations are selected through blinded peer review. The research abstracts build capacity in the scholarship of discovery, which expands our current knowledge. [And, announcement of the 2021 CERF Best Paper Award!](#)

Development and implementation of a pre-professional hybrid undergraduate anatomy course with face-to-face gross anatomy laboratory: A descriptive report

Disseminating current education research through a monthly literature review: A descriptive report of the Education Review

Creating an institutional curriculum vitae: Tracking faculty and staff scholarship at a complementary and integrative health care university

Implementation of a faculty research hours process to increase scholarship amongst teaching faculty

Implementation of an internal support fund to build research capacity amongst teaching faculty



**Gregory Cramer, James Salvatore, Chris Olsen**



**Russell Iwami**



**Judith Pocius, Lynn Zoufal, Gregory D Cramer**



**Christine Bradaric-Baus, Samuel Howarth, Mark Fillery, Silvano Mior**



**Christine Bradaric-Baus, Samuel Howarth, Mark Fillery, Silvano Mior**

### Panel Discussion Rise of Faculty Scholars: Building Capacity for a Stronger Future (40 min)

The presenting authors and invited speakers will participate in the scholarship of application through a live panel discussion to address issues related to chiropractic education and the conference theme. After the conference, the panelists generate a position paper, which includes translation of knowledge and theory into practical interventions to help solve problems.

Panel Participants: **Gregory Cramer, Russell Iwami, Judith Pocius, Christine Bradaric-Baus, Samuel Howarth, Mark Fillery** Moderators: **Bart Green and Claire Johnson**

## Rise of Faculty Scholars SESSION 4 Dec 3 at 1400 to 1600 (Pacific Time Zone)

### Tutorial (15 min)



#### What 3 things you must have in your toolkit to succeed at scholarly writing

In this presentation 2 scientific journal editors will review the 3 essential items that productive scholars should have in their toolkit. Tips and tricks on how to use them will be included.

Discussants: **Claire Johnson and Bart Green**

### Research Presentations (30 min)

Abstract presentations are selected through blinded peer review. The research abstracts build capacity in the scholarship of discovery, which expands our current knowledge. [And, announcement of the 2021 CERF Best Paper Award!](#)

Developing synchronous online research training for chiropractic radiology residents in a master's degree program: a descriptive report

Barriers to publication in peer-reviewed journals for underrepresented racial/ethnic health professionals: A narrative literature review

A survey of chiropractic faculty to investigate motivation and barriers to the pursuit of scholarship

How a community of research and scholarship practice increased the number of scholarly activities at a university

The value of student-lead goal setting and peer review delivered through a coaching lens: An educational descriptive report



**Charles Henderson, Jamie Motley**



**Valerie Johnson, Kaitlin Dick**



**Christine Major, Melinda Novak, Sarah Visconti, Kathryn Ross, Kara Burnham**



**Cortny Williams, Alisa Bates**



**Lisa Baptista, Alice Cade**

### Panel Discussion Rise of Faculty Scholars: Building Capacity for a Stronger Future (40 min)

The presenting authors and invited speakers will participate in the scholarship of application through a live panel discussion to address issues related to chiropractic education and the conference theme. After the conference, the panelists generate a position paper, which includes translation of knowledge and theory into practical interventions to help solve problems. Panel Participants: **Charles Henderson, Valerie Johnson, Melinda Novak, Sarah Visconti, Kathryn Ross, Cortny Williams, Alisa Bates, Lisa Baptista** Moderators: **Bart Green and Claire Johnson**



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## Feedback from Attendees

All CERF members who were registered for the December 2022 conference were invited to provide feedback through an online survey (SurveyMonkey). Open-ended comments from 48 attendees were received. Sample comments are below.

- It was very positive to know some models or strategies about the research field (as how to growth capacity of publications or how to growth research interesse) and also to know what is important to improve research capability at educational programs.
- Great ideas and inspiration from the resume tutorial; also inspiration from the panel discussion.
- It was comforting to know that many of the institutions share the same concerns and successes. Each researcher is working hard to improve their own institution and further the profession.
- It was great to hear the various methods that were being employed at each of the institutions represented on the panel. It definitely gave me some food for thought.
- Everyone was professional and thorough. I was impressed to see how efficiently the sessions played out and how expertly each speaker added to the overall success of the conference.
- Succinct presentations showcasing excellent research by experts in their individual fields. Gives us all ideas that we can introduce and test in our own practice/institutions.
- I enjoyed hearing what is happening at other institutions and putting names to those activities. It will allow for easy introductions and potential collaborations.
- Variety of information about barriers, as well as the organizational interventions being implemented to improve faculty engagement in research and scholarship.
- I found the entire program to be motivating in the same way I experience highly engaging in-person conferences. Today's program felt like a fantastic example of what makes contemporary information pathways so fascinating. The presentations were accessible! That is incredibly important for non-academic clinician, student, and public consumers of research.
- The information was helpful and timely. The various approaches to scholarship across many programs was enlightening.
- I am a young faculty member who is interested in research, so I enjoyed everything about today! It was incredibly helpful!
- How real and accessible this session was for those that may be intimidated by doing research.
- I appreciated the topics that were ultimately selected for presentation as they represented my own perceptions of challenges I face in academia.



"CERF allows faculty to participate in scholarship in a low stress environment. Activities such as blogging, reviewing abstracts, submitting abstracts, and giving presentations either lead to enhanced scholarship (eg, abstracts and presentations) or contribute to scholarship. Making presentations at the CERF conference helps faculty take the next step of writing the paper. All of this helps build research capacity.

CERF meetings allow for exposure to presentations outside of a person's typical experience. By seeing the presenters and hearing them discuss topics related to their field, a person can get a sense of not only how another's work might fit with one's own work, but also if the other investigator is someone that would be a good future collaborator.

The CERF conferences are fantastic! They cover a wide array of educational topics targeted specifically to Complementary and Integrative Healthcare faculty and administrators. The highly organized online format allows for the most efficient exchange of ideas and information imaginable. The panel discussions and ample time for questions also allow for a great deal of give and take."

CERF board member: Greg Cramer, DC, PhD, Professor and Dean of Research, National University of Health Sciences, Lombard, Illinois, USA

"CERF provides the opportunity to contribute to building research capacity by writing papers about the conference themes and having conference participants engage in this process." CERF board member: Stacie Salsbury, PhD, RN Associate Professor, Palmer Center for Chiropractic Research, Davenport, Iowa, USA



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# What is ahead?

## Planning for 2023 and Beyond

### Conferences in 2023

We look forward to the following virtual conferences:

- ***Keeping it Real: Practice-relevant Education***, June 24, 2023
- ***Battling Burnout: Raising Resilience in Education***, December 2, 2023

### Publications in 2023

We will ***publish the conference proceedings*** in the ***Journal of Chiropractic Education***, which will allow prior conferences to be indexed in PubMed. Included in the proceedings will be links to the videos so that others may benefit from these presentations.

### Awards for 2023

The paper competitions from the June and December 2022 CERF conferences will conclude in 2023 at which time we will announce the ***award-winning papers***.

### Mentorship

We are conducting a **collaborative research project** with participant representatives from chiropractic programs from around the world.

### Special Interest Groups

We will begin special interest groups to see if the CERF membership is interested in maintaining discussions in focused topics and collaborative relationships.

### Membership

We will focus on the needs of the membership and aim to help them ***build knowledge*** and skills to ***support education research***. We will continue to expand the awareness of CERF member benefits. We will provide information to academic administrators about how CERF supports ***scholarly development for their faculty***.

### More tutorials

We will develop more ***5-minute mentor*** videos and include ***additional education modules*** that will help educators.

### More polling

We will continue to provide CERF members with ***opportunities to participate*** in polls, to share important information within the CERF community.

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## Who Are We?

**CERF Board** Through the tireless work, input, inspiration, and contributions of our CERF Board members, CERF is made possible. The following 18 Board members are passionate about education research and building capacity. They are volunteers and receive no remuneration for their work with CERF.



**Sira Borges, MD, DC -**  
Federación Latino  
Americana de  
Quiropráctica



**Bart Green, DC, MEd, PhD -**  
Stanford Health Care and  
National University of Health  
Sciences



**David Byfield, DC, MPhil -**  
Welsh Institute of  
Chiropractic, University of  
South Wales



**Navine Haworth, DC, PhD -**  
Australian Chiropractic  
College



**Gregory Cramer, DC, PhD -**  
National University of  
Health Sciences



**Igor Himelfarb, PhD -**  
National Board of  
Chiropractic Examiners



**Andrew Dunn, DC, MEd -**  
VA Western New York  
Healthcare System,  
Chiropractic Residency  
Program



**Claire Johnson, DC, MEd,  
PhD -** National University of  
Health Sciences and  
Brighthall



**Ricardo Fujikawa, MD, DC**  
- Fujitega Foundation



**Theodore Johnson, Jr, DC -**  
National University of Health  
Sciences



**Valerie Johnson, DC -**  
Veterans Administration of  
Greater LA Healthcare  
System



**Stephney Whillier, BSc, BEd,  
PhD -** Macquarie University

CERF Board continued next page



## CERF Board continued



**Charmaine Korporaal, M.Tech(Chiro)** - Durban University of Technology, Department of Chiropractic



**Yi Kai Wong, MSc, BSc(Chiro)** - Centre for Complementary and Alternative Medicine, IMU Malaysia



**John Mrozek, DC, MEd, EdD** - Texas Chiropractic College



**Christopher Yelverton, M.Tech(Chiro)** - University of Johannesburg



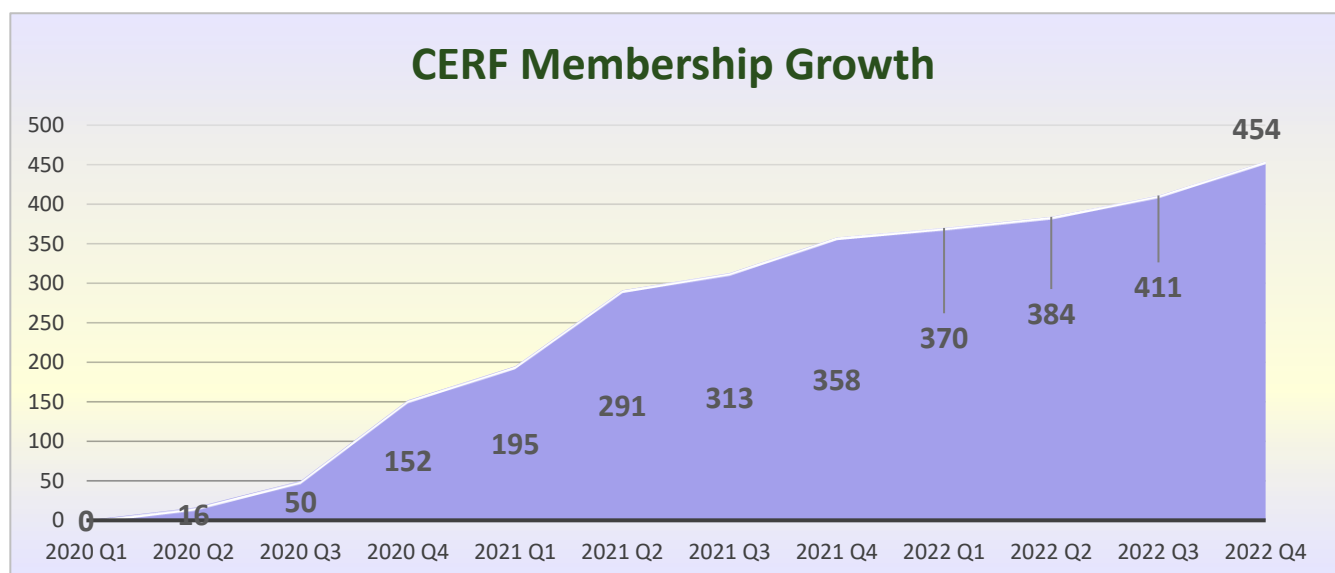
**Stacie A. Salsbury, PhD, RN** - Palmer College of Chiropractic



**Niu Zhang, MD, MS** - Palmer College of Chiropractic, Florida

## CERF 2022 Membership

CERF membership is free, thanks to our sponsors and volunteers. Free membership allows all interested educators to join CERF's mission. CERF currently represents the international teaching community from Australia, Brazil, Canada, Chile, Israel, Malaysia, Mexico, New Zealand, Puerto Rico, South Africa, Spain, Sweden, Switzerland, United Kingdom, United States. CERF is pleased to serve the regions around the world.



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## Below are the 2022 CERF members - faculty, staff, administrators, sponsors, and others – all who are dedicated to building education research capacity.

(Presented in alphabetical order by family name)

|   |   |
|---|---|
| Ashura Abdul-Rasheed, Durban University of Technology           | Peggy Carey, National University of Health Sciences                 |
| Mustafa Agaoglu, AECC University College                        | Winston Carhee, American Black Chiropractic Association             |
| Sumaya Ahmed, London South Bank University                      | Beth Carleo, Palmer Chiropractic College- Florida                   |
| Lyndon Amorin-Woods, Murdoch University                         | Jonathan Carlos, Southern California University of Health Sciences  |
| Whitney Amos McNary, Palmer College of Chiropractic             | Joel Carmichael, Universidad Centrale del Caribe                    |
| Brian Anderson, Palmer College of Chiropractic                  | Zosha Carroll, Northwestern Health Sciences University              |
| Elisabeth Angier, Welsh institute of Chiropractic               | William Carter, Life University                                     |
| Robert Appleyard, National University of Health Sciences        | Shane Carter, Palmer College of Chiropractic Florida                |
| Ilija Arar, Northeast College of Health Sciences                | Mary Lee Carter, Parker University                                  |
| Courtney Arnold, Parker University                              | Alexander Castellano, Keiser University                             |
| Samuel Ascoti, Parker University                                | Kimberly Cerf, Logan University                                     |
| Victor Asemota, Life Chiropractic College West                  | Michelle Chambers-Lewis, Palmer College of Chiropractic, Florida    |
| Kira Baca, Palmer College of Chiropractic                       | Keith Charlton, Central Queensland University                       |
| Mirjam Baechler, University of Zurich                           | Paul Chesterton, Teesside University                                |
| Lisa Baptista, New Zealand College of Chiropractic              | Grand Choi, Canadian Memorial Chiropractic College                  |
| Jeremy Barthels, Northwestern Health Sciences University        | Suellen Christopoulos-Nutting, Northeast College of Health Sciences |
| Philippa Bates, AECC University College                         | William Chromey, National University of Health Sciences, Florida    |
| Alisa Bates, University of Western States                       | Katherine (Katie) Clark, Palmer College of Chiropractic             |
| Angelo Battiston, AECC University College                       | Tammi Clark, Palmer College of Chiropractic West                    |
| Dalbir Bedi, Palmer College of Chiropractic - West              | Eric Clark, Life University   |
| Jaci Bergstrom, University of Western States                    | Michael Clay, VHA residency   |
| Silvia Bielser, Life Chiropractic College West                  | Danny Clegg, London South Bank University                           |
| Edward Bifulco, National University of Health Sciences          | Donna Cohen, International Chiropractic Regulatory Society          |
| Jessica Billham, Logan University                               | Scott Coon, Northeast College of Health Sciences                    |
| Marc-André Blanchette, Université du Québec à Trois-Rivières    | Kate Coysh, Palmer College of Chiropractic West                     |
| Gina Bonavito-Larragoite, Miami VA                              | Gregory Cramer, National University of Health Sciences              |
| Fredrik Borg, Scandinavian College of Chiropractic              | Waleska Crespo, Universidad Central del Caribe                      |
| Christopher Borgerding, Northeast College of Health Sciences    | Terry Crisp, Council on Chiropractic Education Australasia          |
| Sira Borges, Federación Latino Americana de Quiropráctica       | Louis Crivelli, II, Clinical Compass                                |
| William Borman, University of Western States                    | Christina Cunliffe, McTimoney College of Chiropractic               |
| Amanda Bose, National University of Health Sciences             | Dawn Dane, Central Queensland University                            |
| Patrick Boylan, Logan University                                | Clinton Daniels, VA Puget Sound Health Care System                  |
| Robin Bozark, Logan University                                  | Blake Daniels, Southern California University of Health Sciences    |
| Christine Bradaric-Baus, Canadian Memorial Chiropractic College | Jeannette Danner, The Council on Chiropractic Education             |
| Davis Brian, VA Western New York Healthcare System              | Sue Darby, National University of Health Sciences                   |
| Danica Brousseau, Université du Québec a Trois-Rivieres         | Vanessa Davidson, McTimoney College of Chiropractic                 |
| Kathryn Brown, University of Western States                     | Kym Davis, Australian Chiropractic College                          |
| Richard Brown, World Federation of Chiropractic                 | Kim Davis, Palmer College of Chiropractic West                      |
| Brian Budgell, Canadian Memorial Chiropractic College           | Hernán de la Barra Ortiz, Universidad Central Chile                 |
| Casey Buns, Palmer College of Chiropractic                      | Katie de Luca, Central Queensland University                        |
| Kara Burnham, University of Western States                      | Loik de Tienda, Barcelona College of Chiropractic                   |
| Katie BurnsRyan, Northwestern Health Sciences University        | Faye Deane, Teesside University                                     |
| Christopher Burrell, Macquarie University                       | Irina Dedova, Macquarie University                                  |
| Maria Buscemi, American Chiropractic Association                | Christine Deines, David D. Palmer Health Sciences Library           |
| David Byfield, Welsh Institute of Chiropractic                  | Marshall Deltoff, Barcelona College of Chiropractic                 |
| Alice Cade, New Zealand College of Chiropractic                 | Lisa DeMarco, D'Youville  |
| P. Herbert Caldwell, Logan University                           | Francine Denis, Barcelona College of Chiropractic                   |
| Verónica Camacho Zarco, Universidad Estatal del Valle de Toluca | Lydia Dever, Life University  |
| Jerrilyn Cambron, National University of Health Sciences        | Philip Dewhurst, AECC University College                            |
| Mairianne Campbell, Barcelona College of Chiropractic           | Anak Dharmapatni, Australian Chiropractic College                   |
| Christopher (Chris) Cantu, Parker University                    | Kaitlin Dick, Greater Los Angeles Veteran Affairs Healthcare System |
| Kristy Carbonelli, Parker University                            | Mathew DiMond, University of Bridgeport                             |

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 Cirene D'Monte, Canadian Memorial Chiropractic College  
 Natacha Douglas, Logan University  
 Aron Downie, Macquarie University  
 Michelle Drover, Palmer College of Chiropractic  
 Ashlee Drover, Palmer College of Chiropractic  
 Alister Du Rose, AECC University College  
 Scott Dunham, Canadian Memorial Chiropractic College  
 Andy Dunn, VA Western New York Healthcare System  
 Carrie Ebling, University of Western States  
 Micheala Edwards, American Black Chiropractic Association  
 Jorge Elías Castillo Hernández, Chiropractic Program at Universidad Veracruzana  
 Melissa Engelson, Logan University  
 Vince Erario, Life University  
 Anna Esparham, Logan University  
 Rodrigo Espinoza, Programa Quiropraxia Univesidad Central de Chile  
 Ana Facchinato, Southern California University of Health Sciences  
 Kimary Farrar, Texas Chiropractic College  
 Jocelyn Faydenko, National University of Health Sciences  
 Amberly Ferguson, Palmer College of Chiropractic  
 Sergio Fernando, Life Chiropractic College West  
 Mark Fillery, Canadian Memorial Chiropractic College  
 Rob Finch, Royal College of Chiropractors  
 Sean Finnegan, Life University  
 Alexandra Fiore, Northeast College of Health Sciences  
 William Foshee, Continuing Education  
 Marina Fox, New Zealand College of Chiropractic  
 Ray Foxworth, ChiroHealthUSA  
 Patrick Frank, University of Toledo  
 Martha Friesen, Texas Chiropractic College  
 Martin Frutiger, Macquarie University  
 Frank Frydrych, National University of Health Sciences  
 Arlan Fuhr, Activator Methods  
 Ricardo Fujikawa, Fujitega Foundation  
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 Matthew Funk, University of Bridgeport  
 Giulia Fuschini, Barcelona college of chiropractic  
 Jayme Gallegos, University of Western States  
 Kathleen Galligan, University of Western States  
 Martha Garcia, Universidad Central del Caribe  
 Diana Giannoulis, Canadian Memorial Chiropractic College  
 Gilda Gilak, Southern California University of Health Sciences  
 Erin Gilligan, Life University  
 Lorraine Ginter, University of Western States  
 Dominic Giuliano, Canadian Memorial Chiropractic College  
 Luis Enrique Gómez Carreño, Quiropráctica Universidad Central  
 Jannet Gonzalez, Southern California University of Health Sciences  
 Christopher Good, University of Bridgeport School of Chiropractic  
 Susan Goodwin, Life Chiropractic College West  
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 David Gryfe, Canadian Memorial Chiropractic College  
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 Maruti Gudavalli, Keiser University

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 Marty Hall, Parker University  
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 David Hannah, Australian Chiropractic College  
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 Cheryl Hawk, Texas Chiropractic College  
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 Greg Hollandsworth, Parker University  
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 Karmen Hopkins, Palmer College of Chiropractic  
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 Jennifer Illes, Keiser University's College of Chiropractic Medicine  
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 Jodi Jacobs, College of Westchester school of health professions  
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 Lisa Jian, New Zealand College of Chiropractic  
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 Keri Johnson, Southern California University of Health Sciences  
 Valerie Johnson, Veterans Administration  
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 Ward Jones, Palmer College of Chiropractic  
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 Sonia Joubert, National University of Health Sciences  
 Michelle D. Jourdan, National University of Health Sciences, Florida  
 Anna Jurik, National University of Health Sciences  
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 Rebecca Katchmark, Northwestern Health Sciences University  
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 Enya Katz, Southern California University of Health Sciences  
 Amilliah Kenya, Sherman College of Chiropractic  
 Caroline Khalil, Council on Chiropractic Education Australasia  
 Lisa Killinger, Palmer College of Chiropractic

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 Carolina Kolberg, Universidade Feevale  
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 Charmaine Korpelaar, Durban University of Technology  
 Ralph Kruse, Keiser University College of Chiropractic Medicine  
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 Celia Maguire, Parker University  
 Michele Maiers, Northwestern Health Sciences University  
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 Alexander Margrave, Palmer College of Chiropractic  
 Mike Marinus, Logan University  
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 Cecelia Martin, University of Western States  
 Diana Martin, Palmer College of Chiropractic West  
 Brett Martin, National University of Health Sciences, Florida  
 Anne Maurer, Cleveland University - Kansas City  
 Dionne McClain, California Board of Chiropractic Examiners  
 Camille McClendon, Parker University  
 Marc McRae, National University of Health Sciences  
 Scott Meisel, Palmer College of Chiropractic, Florida  
 Craig Mekow, Palmer College of Chiropractic  
 Hiwot Melka, Southern California University of Health Sciences  
 Brittni Melnychuk, VA Portland Healthcare System  
 Danilo Messa da Silva, Feevale University  
 Meredith Meyers, Palmer College of Chiropractic Florida  
 Susan Miller, Parker University  
 JaHyeon Min, IMU Malaysia  
 Silvano Mior, Canadian Memorial Chiropractic College  
 Zakary Monier, Parker University  
 Daniel Moore, Teesside University  
 Scott Mooring, Northwestern Health Sciences University  
 Vanessa Morales, Parker University  
 W. Earnest Mounce, National University of Health Sciences  
 John Mrozek, Texas Chiropractic College  
 Nimrod Mueller, Barcelona College of Chiropractic  
 Eddie Mui, IMU Malaysia  
 Mark Murdock, Palmer College of Chiropractic  
 Quintin Murray, Logan University

Jason Napuli, VA St Louis Health Care System  
 Hasan Nazik, National University of Health Sciences, Florida  
 Gordon Newell, Parker University  
 Lia Nightingale, Palmer College of Chiropractic  
 Saharut Nilchavée, Southern California University of Health Sciences  
 Gloria Niles, University of Hawaii West Oahu  
 Brian Nook, Palmer College of Chiropractic  
 Paul Noone, Australian Chiropractic College  
 Jenny Nordeen, University of Western States  
 Sean Norkus, Palmer College of Chiropractic - Florida  
 Sandra Norton, Parker University  
 Melinda Novak, University of Western States  
 Laura O'Connor, Durban University of Technology  
 Anjum Odhwani, Parker University  
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 Andrea Ohmann Albertson, Northwestern Health Sciences University  
 Chris Olsen, National University of Health Sciences  
 Xavier Ortiz Ramirez, Southern California University of Health Sciences  
 Paul Osterbauer, Northwestern Health Sciences University  
 Abigale Owen, Texas Chiropractic College  
 Edward Owens, Life University  
 Keseri Padayachy, Durban university of Technology  
 Per Palmgren, Karolinska Institutet  
 Ed Pappagallo, Palmer College of Chiropractic  
 David Paris, Veterans Administration  
 Lester Partna, University of Western States  
 Candace Passi, National University of Health Sciences  
 Rhina Patania, Life Chiropractic College West  
 Stephen Paterno, Life University  
 D. Ranier Pavlicek, Palmer College of Chiropractic  
 Colette Peabody, VA Medical Center  
 Kim Pearce, Northwestern Health Sciences University  
 Nakiesha Pearson, National University of Health Sciences  
 Kevin Percuoco, Palmer College of Chiropractic  
 Adriana Perez, Canadian Memorial Chiropractic College  
 Alvaro Perez, Universidad Central del Caribe  
 Pablo Perez de la Ossa, invited member  
 Romeo Perfecto, Veterans Administration  
 Jodi Perrin, National University of Health Science  
 Cynthia Peterson, Council on Chiropractic Education International  
 Vanessa Petrini, Canadian Memorial Chiropractic College  
 Kristina Petrocco-Napuli, Logan University  
 Joseph Pfeifer, Logan University  
 Sharné Pillay, University of Johannesburg  
 Loree Pinnavaia, Palmer College of Chiropractic West  
 Judy Pocius, National University of Health Sciences  
 Katherine Pohlman, Parker University  
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 Nicole Poirier, Life University  
 Tamara Pooke, IMU Malaysia  
 Gregory Priest, Keiser University  
 Roger Kevin Pringle, Campbellsville University  
 Lindsay Rae, Northeast College of Health Sciences  
 Muhamad Faizzuddin Razali, IMU Malaysia  
 Katherine Reckelhoff, Cleveland University  
 Tari Reinke, National University Health Sciences  
 Todd Riddle, Texas Chiropractic College  
 Yomarie Rivera, Universidad Central del Caribe  
 Hector Rivera-Melo, Southern California University of Health Sciences



Lora Roberts, Welsh Institute of Chiropractic  
 Paula Robinson, Parker University  
 Christopher Roecker, VA Residency  
 Sandra Rogers, National University of Health Sciences  
 Kimberleve Rolon-Reyes, Universidad Central del Caribe  
 Anthony Rosner, University of Western States  
 Kathryn Ross, University of Western States  
 Inger Roug, AECC University College  
 Nicola Routledge, McTimoney College of Chiropractic  
 Terry Rubin, Miami VA Healthcare System  
 Lisa Rubin, Life University  
 Brent Russell, Life University  
 Eric Russell, Life University  
 Melissa Ryan, Northwestern Health Sciences University  
 Jack Sahagian, Macquarie University  
 Hugo Salazar, Carrera de Quiropraxia Universidad Central de Chile.  
 Stacie Salisbury, Palmer College of Chiropractic  
 James Salvatore, National University of Health Sciences, Florida  
 Deborah Sanderson, Sherman College of Chiropractic  
 Linda Savage, Life Chiropractic College West  
 Alec Schielke, Palmer College of Chiropractic - West  
 Patrik Schneider, Palmer College of Chiropractic  
 Jeffrey Scholten, Life Chiropractic College West  
 Gary Schultz, University of Western States  
 Kyle Sclanders, Durban University of Technology  
 Mayda Serrano, Universidad Central del Caribe  
 Michael Sheppard, Texas Chiropractic College  
 Adrian Sheridan, Macquarie University  
 Janet Sikora, Keiser University College of Chiropractic Medicine  
 Dana Sims, University of Western States  
 Jonathan Slater, Palmer College of Chiropractic  
 Monica Smith, Life Chiropractic College West  
 Dean Smith, Miami University  
 Jennifer Smith, Palmer College of Chiropractic.- Davenport  
 Gregory Snow, Palmer College of Chiropractic West  
 Petina Solly, LSBU Integrated Masters Chiropractic  
 Lorinda Sorensen, National University of Health Sciences  
 Eugene Spilker, Universidad Central del Caribe  
 Carina Staab, University of Western States  
 David Starmer, Canadian Memorial Chiropractic College  
 Timothy Stecher, University of Western States  
 Amanda Stevens, Logan University  
 Misty Stick-Mueller, Palmer College of Chiropractic  
 John Stites, Palmer College of Chiropractic - retired  
 Janice Stone, Keiser University, College of Chiropractic Medicine  
 James Strange, University of Western States  
 Daniel Strauss, National University of Health Sciences, Florida  
 Kent Stuber, Canadian Memorial Chiropractic College  
 Michael Swain, Macquarie University  
 Scott Swanson, Palmer College of Chiropractic West  
 Mignon Sweat, American Black Chiropractic Association  
 Catherine Sybrant, University of Western States  
 Leslie Takaki, University of Western States  
 Steven Taliaferro, University of Western States  
 Melissa Tan, Central Queensland University NSW Australia  
 Cliff Tao, Postgraduate Educator  
 Hans Tapia Teuscher, Carrera de Quiropráctica Universidad Central  
 Patricia Tavares, Canadian Memorial Chiropractic College

David Taylor, Texas Chiropractic College  
 Aaron Teitelbaum, Canadian Memorial Chiropractic College  
 Mark Thomas, London South Bank University  
 Jeff Thompson, Texas Chiropractic College  
 John Thornhill, Life University  
 Anthony Tibbles, Canadian Memorial Chiropractic College  
 Rie Toftgaard, University of southern Denmark  
 Kristine Tohtz, Northwestern University of Health Sciences  
 Lauren Tollefson, D'Youville College  
 Chiara Tomassoni, Murdoch University  
 Steven Torgerud, Palmer College of Chiropractic  
 Bettina Tornatora, Barcelona College of Chiropractic  
 Pamela Tunnell, University of Bridgeport  
 Michael Tunning, Palmer College of Chiropractic  
 Mary Unger-Boyd, DC, Logan University  
 Verena Van Fleet, Northwestern Health Sciences University  
 Nusin Van Winkle, Parker University  
 Sharanya Varatharajan, CMCC  
 Desiree Varatharajulu, Durban University of Technology  
 Anne Venderley, University of Western States  
 Yomika Venketsamy, Durban University of Technology  
 Erica Ventura, Universidad Central del Caribe  
 Robert Vining, Palmer College of Chiropractic  
 Sarah Visconti, Southern California University of Health Science  
 Amanda Vozar, Palmer College of Chiropractic, Florida  
 Emily Waitz, Northwestern Health Sciences University  
 Robyn Wakefield-Murphy, Northeast College of Health Sciences  
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