

Technology in Education: Riding the Wave of the Future

Chiropractic Educators Research Forum Virtual Conference
June 22, 2024

This CERF conference specifically focuses on education research related to technology.

Registration to attend is free for CERF members. CERFweb.org

Preliminary Program May 2, 2024

Technology in Education SESSION 1 June 22, 2024 at 0700 to 0900 (Pacific Time Zone)

Keynote: tba

Practice-relevant Education - Research Presentations (35 min)

These peer-reviewed research abstracts build capacity in the scholarship of discovery, which expands our current knowledge.



Perceptions of chiropractic students on digital literacy skills at A South African University: A cross-sectional study
Candice Pyper, Brittney Moore, Fatima Ismail



Utilization of full body patient simulators for teaching, learning and assessment of cardiac and respiratory auscultation sounds and emergency scenarios: An education descriptive report
James Oldham, Mark Thomas



Opportunities and challenges of scotia medical observation and training system in chiropractic education: An education descriptive report
James Oldham, Mark Thomas



Student experience and perception of educational value of high-fidelity simulation in chiropractic education: a qualitative study
Amanda Jones-Harris, Peter Miller



Impact of integrating electronic dissection packages into a master's degree program: A descriptive report
Adrian Hunnisett, Anna Palmer, Sally Bannerman, Christina Cunliffe



An analysis of technology embedded in 2 chiropractic course curricula
Brittany Baggett, Wong Vi Vien, Vey Lian Chan, Daniel Moore

Panel Discussion - Technology in Education (35 min)

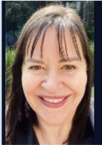
The presenting authors and invited speakers will participate in the scholarship of application through a live panel discussion to address issues related to chiropractic education and the conference theme, which will generate a position paper. Panel Participants: *Candice Pyper, James Oldham, Amanda Jones-Harris, Adrian Hunnisett, Brittany Baggett* Moderators: *Bart Green and Claire Johnson*

Technology in Education SESSION 2 June 22, 2024 at 0900 to 1100 (Pacific Time Zone)

Keynote: tba

Practice-relevant Education - Research Presentations (35 min)

These peer-reviewed research abstracts build capacity in the scholarship of discovery, which expands our current knowledge.



Using Sway archives to build digital storytelling on chiropractic education: A descriptive report
Maria Ines Martins, Krisanna Matchmes



Implementation of the Anatomage table in gross anatomy courses: A descriptive report of student perception in the pre-clinical phase of the chiropractic curriculum in the pre-clinical phase of the chiropractic curriculum
Robyn Wakefield-Murphy



Student perception of 3D anatomy technology in a soft tissues procedures course: A descriptive report
Scott Coon, Robyn Wakefield-Murphy



Comparison of student performance on in-person gross anatomy laboratory practical examinations in face-to-face and hybrid undergraduate anatomy courses
James Salvatore, Jaceyln Faydenko, Chris Olsen, Gregory Cramer



Feedback on the use of video analysis to augment teaching of complex psychomotor skills in chiropractic education: A descriptive report
Brett Guist, Simon Wang, Matthew Carinci, David Starmer

Panel Discussion - Technology in Education (35 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, which will generate a position paper. Panel Participants: *Maria Ines Martins, Robyn Wakefield-Murphy, James Salvatore, Brett Guist* Moderators: *Bart Green and Claire Johnson*

Technology in Education SESSION 3 June 22, 2024 at 1100 to 1300 (Pacific Time Zone)

Keynote: tba

Practice-relevant Education - Research Presentations (35 min)

These peer-reviewed research abstracts build capacity in the scholarship of discovery, which expands our current knowledge.



RAISE-ing a high-tech faculty workgroup: a descriptive report of information technologies used to support chiropractic educational research
Patrik Schneider, John Crouse, Brian Anderson, Amberly Ferguson, Kira Baca, Meredith Meyers, Breanne Wells, Michael Van Natta, Lia Nightingale, Stacie Salsbury



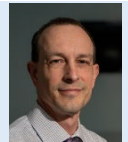
Clinical communication skill confidence in chiropractic education through virtual reality: A descriptive report
Rose Olson-Long, Mary Lee Carter, Ashley Long



Chiropractic clinical clerkship orientation using ai-assisted standardized educational media: A descriptive report
Xavier Ortiz Ramirez, Hiwot Melka



Integrating force sensing table technology in chiropractic clinical skills remediation: A retrospective case report
Xavier Ortiz Ramirez, Hiwot Melka, Amber McCallum



Developing a web-based diagnosis and clinical management support tool for low back pain: A descriptive report
Robert Vining, Robert S Rudin, Patricia M Herman

Panel Discussion - Technology in Education (35 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, which will generate a position paper.

Panel Participants *Patrik Schneider, Rose Olson-Long, Mary Lee Carter, Ashley Long, Xavier Ortiz Ramirez, Hiwot Melka, Robert Vining* Moderators: *Bart Green and Claire Johnson*

Information about CERF: The Chiropractic Educators Research Forum is an online forum where chiropractic educators share their insights and learn new information about research and scholarship. Our mission is to build scholarship and research capacity for chiropractic educators throughout the world. Membership is free. <https://cerfweb.org/> CERF supports education research and holds virtual conferences on narrow topics to help build research capacity in these focused areas. In addition to building research capacity, these actions are aimed to support other conferences and education venues in the chiropractic profession.

Conference proceedings: Research abstracts will be published in *The Journal of Chiropractic Education*.

Conference format: Each session has 3 parts, which contribute to building chiropractic education research capacity.

What do the colors stand for in the conference program as they relate to Boyer’s model of Scholarship?

1. Invited presentations, tutorials, or workshop

These invited presentations focus on knowledge and skill building for the topic of the conference. Attendees learn new information or skills.

2. Abstract Presentations: Scholarship of Discovery

The best abstracts are selected through blinded peer review. Each research/abstract presentation focuses on the theme of the conference. After the research presentations, questions that are submitted through the chat are moderated and answered by the presenters in a live video format. The Research/Abstract part of each session builds capacity in the *scholarship of discovery*. The *scholarship of discovery* expands our current knowledge.

3. Panel Discussion: Scholarship of Application

The invited speakers, presenting authors, and CERF Board members participate in a live panel discussion to address issues related to chiropractic education and the conference theme. Attendees ask questions and provide input through chat. After the conference, the panel discussions will be combined to generate a position paper. The panel discussion part of each session builds capacity in the *scholarship of application*. The *scholarship of application* is when we translate knowledge and theory into practical interventions to help solve problems.

CERF members register to attend for **free**.

To register, <https://cerfweb.org/> log in as a CERF member, then click on the “Engage” tab.

Thank you to our sponsors!

CERF and this CERF Conference are made possible by the support from the following sponsors



The Journal of
Chiropractic Education

