

Final Program as of December 4, 2020

# Harnessing the Web

## Chiropractic Education During the COVID-19 Pandemic

Virtual Conference December 5, 2020 Register at <https://cerfweb.org/>

Note: day and times are for the Pacific time zone, please convert for your time zone

SESSION 1 Begins 0500 (shown in Pacific Time Zone)

### Welcome to CERF Conference and Keynote addresses

The Future of Chiropractic Education in a COVID-19 World. **David O'Bryon**, Association of Chiropractic Colleges

Chiropractic Education During COVID-19. **Richard Brown**, World Federation of Chiropractic

### Abstract Presentations: Scholarship of Discovery

A randomized controlled trial protocol for a mobile-app mental well-being intervention for students during the COVID-19 pandemic

**Alister du Rose**, Victoria Wheeldon, Caroline Cooke, Francis Longstaff, Zoe Dimov, Fiona Mellor

Conscientiousness personality trait and academic performance before and after COVID-19 teaching conditions

**Pablo Pérez de la Ossa**

Attitudes to returning to on-site teaching following COVID-19 lockdown

**Christina Cunliffe**, **Adrian Hunnisett**

Efficacy and engagement with a flexible academic delivery during the COVID-19 pandemic: A pilot study

**Adrian Hunnisett**, Philip Yalden, Christina Cunliffe

COVID-19 clinical hygiene and safety principles at the University of Johannesburg: Implementation, monitoring and feedback

**Christopher Yelverton**, Fatima Ismail

Perceptions and attitudes of University of Johannesburg students toward the COVID-19 motivated approach from blended learning to e-learning

**Fatima Ismail**, **Christopher Yelverton**

### Moderated Q and A to panelists

#### Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application

The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the *Journal of Chiropractic Education*. Participants: **Alister du Rose**, **Pablo Pérez de la Ossa**, **Adrian Hunnisett**, **Christopher Yelverton**, **Fatima Ismail**, **Igor Himelfarb**, **Andy Dunn** Moderators: **Claire Johnson and Bart Green**

SESSION 2 Begins 0700 (shown in Pacific Time Zone)

### Welcome to CERF Conference and Keynote addresses

The Future of Chiropractic Education in a COVID-19 World. **David O'Bryon**, Association of Chiropractic Colleges

Chiropractic Education During COVID-19. **Richard Brown**, World Federation of Chiropractic

### Abstract Presentations: Scholarship of Discovery

Building a new chiropractic course during the COVID-19 pandemic: considerations from 2 universities in the United Kingdom

**Daniel B Moore**, **Kenneth J Young**

Manual skills teaching: How on earth do we continue one of the educational cornerstones under COVID-19 restrictions?

**David Byfield**, **Annabel Kier**, **Karl New**

Re-opening the Welsh Institute of Chiropractic outpatient training clinic under COVID -19 restrictions: the birth of chiropods

**David Byfield**, **Steph Davey**

Transforming the Clinic Exit Proficiency Exam to an online format at the Welsh Institute of Chiropractic

**David Byfield**, **Steph Davey**, **Sophie Meace**, **Annabel Kier**, **Karl New**

Clinic entrance proficiency assessment: Moving to an online experience due to COVID-19

**David Byfield**, **Annabel Kier**, **Sophie Meace**, **Karl New**

Online clinical training during the COVID-19 pandemic: A pilot study

**Daniel Ruby**, **Kalim Mehrabi**, **Christina Cunliffe**, **Adrian Hunnisett**

Online practical training in chiropractic education during the COVID-19 pandemic: A pilot study

**Christina Cunliffe**, **Laura Pendleton**, **Adrian Hunnisett**

### Moderated Q and A to panelists

#### Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application

The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the *Journal of Chiropractic Education*. Participants: **Daniel B Moore**, **David Byfield**, **Adrian Hunnisett**, **Andy Dunn**, **Ricardo Fujikawa**, **Richard Brown** Moderators: **Claire Johnson and Bart Green**



# Harnessing the Web

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<https://cerfweb.org/>

How Chiropractic Education  
 Survives and Thrives  
 During the COVID-19 Pandemic



SESSION 3 Begins 0900 (shown in Pacific Time Zone)

### Welcome to CERF Conference and Keynote addresses

The Future of Chiropractic Education in a COVID-19 World. **David O'Bryon**, Association of Chiropractic Colleges

Chiropractic Education During COVID-19. **Richard Brown**, World Federation of Chiropractic

### Abstract Presentations: Scholarship of Discovery

Delivering clinical experiences at the Canadian Memorial Chiropractic College during the COVID-19 pandemic  
**Jacquelyn Wingrove**

Development of a mannequin lab for clinical training in a chiropractic program  
**Edward Owens, Lydia Dever, Ronald Hosek, Brent Russell, Stephanie Sullivan**

Booting up online education at NYCC  
**Ilija Arar, Jessica Walker, Dennis Homack**

Instructing information literacy in an asynchronous environment  
**Suellen Christopoulos-Nutting**

A comparison of virtual and in-person instruction in a physical examination course  
**Niu Zhang, Xiaohua He**

Teaching cadaver lab online during COVID-19 pandemic  
**Scott Meisel, Xiaohua He**

### Moderated Q and A to panelists

### Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application

The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the *Journal of Chiropractic Education*. Participants: **Jacquelyn Wingrove, Edward Owens, Lydia Dever, Ilija Arar, Suellen Christopoulos-Nutting, Xiaohua He, Scott Meisel, Greg Cramer** Moderators: **Claire Johnson and Bart Green**

SESSION 4 Begins 1100 (shown in Pacific Time Zone)

### Welcome to CERF Conference and Keynote addresses

The Future of Chiropractic Education in a COVID-19 World. **David O'Bryon**, Association of Chiropractic Colleges

Chiropractic Education During COVID-19. **Richard Brown**, World Federation of Chiropractic

The Future of Chiropractic Education in a COVID-19 World. **David O'Bryon**, Association of Chiropractic Colleges

### Abstract Presentations: Scholarship of Discovery

Using constructive learning theory to construct chiropractic online education  
**Misty Stick-Mueller**

LMSing around: Adapting a group presentation online  
**Siri Leech, Barbara Mansholt**

Creating videos of examination skills to enhance remote learning  
**Ashlee Drover, Robert Rowell, Tracey Littrell**

Assessing clinical examination skills via video conferencing  
**Ashlee Drover, Tracey Littrell, Robert Rowell**

Utilizing Zoom to create virtual "practice days" in skills-based diagnosis classes  
**Ashlee Drover, Michelle Drover**

Venipuncture assessment methods using access database vs video assignment during phases of COVID-19  
**Mark E. Murdock**

### Moderated Q and A to panelists

### Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application

The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the *Journal of Chiropractic Education*. Participants: **Misty Stick-Mueller, Siri Leech, Ashlee Drover, Mark E. Murdock, John Mrozek, Stacie Salisbury, David O'Bryon** Moderators: **Claire Johnson and Bart Green**



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How Chiropractic Education  
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<b>SESSION 5</b> Begins 1300 (shown in Pacific Time Zone)
<b>Welcome to CERF Conference and Keynote addresses</b>
The Future of Chiropractic Education in a COVID-19 World. <b>David O'Bryon</b> , Association of Chiropractic Colleges
Chiropractic Education During COVID-19. <b>Richard Brown</b> , World Federation of Chiropractic
<b>Abstract Presentations: Scholarship of Discovery</b>
Using self-examination as an online asynchronous teaching tool for heart auscultation and blood pressure in a physiology lab as a response to COVID-19 <b>Steven Taliaferro</b>
Using short videos and short cases to engage in learning outcomes for distance learners <b>Cortny Williams</b>
Exploring student learning adaptations during the COVID-19 pandemic <b>Cortny Williams, Jenny Nordeen, Chris Browne, Brent Marshall</b>
Pivoting to online education: Responding to student concerns during COVID-19 <b>Cecelia Martin, Martha Kaeser, Catherine Sybrant, Denise Dallmann</b>
Using rubric-guided video assignments and peer evaluation to refine manual skills in remote learning <b>Carrie Ebling</b>
Combining the old and the new: observations in using a virtual microscope in online histology lab <b>Jayme R Gallegos</b>
<b>Moderated Q and A to panelists</b>
<b>Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application</b>
The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the <i>Journal of Chiropractic Education</i> . Participants: <b>Steven Taliaferro, Cortny Williams, Jenny Nordeen, Cecelia Martin, Carrie Ebling, Jayme R Gallegos, Navine Haworth</b> Moderators: <b>Claire Johnson and Bart Green</b>
<b>SESSION 6</b> Begins 1500 (shown in Pacific Time Zone)
<b>Welcome to CERF Conference and Keynote addresses</b>
The Future of Chiropractic Education in a COVID-19 World. <b>David O'Bryon</b> , Association of Chiropractic Colleges
Chiropractic Education During COVID-19. <b>Richard Brown</b> , World Federation of Chiropractic
<b>Abstract Presentations: Scholarship of Discovery</b>
Synchronous online course design in conjunction with asynchronous assignments increases student engagement <b>Kathryn Brown, Chad Lambert</b>
Navigating a shift in clinic education for chiropractic interns during the COVID-19 pandemic <b>Amanda Armington</b>
Rapid development and implementation of new activities for learning normal radiographic anatomy in a remote learning environment <b>Melinda Novak</b>
First person video experiences as a vicarious, virtual alternative to in person science labs <b>Christine Major, Kara Burnham, William Borman</b>
Teaching clinical neurology to master of chiropractic students in the COVID-19 pandemic <b>Stephney Whillier, Martin Frutiger, Jack Sahagian</b>
<b>Moderated Q and A to panelists</b>
<b>Panel: Solutions for Chiropractic Education and COVID-19 White Paper: Scholarship of Application</b>
The second half of this session focuses on problem solving. Panel discussions will focus on COVID-19. Information will be collated and developed into a white paper, co-authored by all panelists, and will be published in the <i>Journal of Chiropractic Education</i> . Participants: <b>Kathryn Brown, Chad Lambert, Amanda Armington, Melinda Novak, Christine Major, Martin Frutiger, Jack Sahagian, Navine Haworth, Stephney Whillier</b> Moderators: <b>Claire Johnson and Bart Green</b>

**Registration:** Go to <https://cerfweb.org/> CERF members may register for this conference for **free**. To register, please log in as a CERF member, then click on the Events page and then Register.

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

**Conference format:** For the December 5 conference, there are 6 sessions. Each session has 3 parts:

1. Welcome and keynote addresses

**2. Abstract Presentations: Scholarship of Discovery**

The best abstracts were selected through blinded peer review. Each research/abstract presentation focuses on the theme of the conference, which is where chiropractic, education, and the COVID-19 pandemic intersect. Each presenter provides a 6-minute presentation, after this, questions that are submitted through the chat will be moderated and answered by the presenters. 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 presenting authors, CERF Board members, and keynote speakers have been invited to participate in the second half of the session, which is a panel discussion to address issues related to chiropractic education and the conference theme. The audience may provide input through the chat. After the conference, the panel discussions will be combined to generate one white 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.

**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.

**CERF Scientific Committee and Advisory Board (CERF Virtual Conference December 2020)**

- |                     |   |
|---------------------|---|
| • Gregory Cramer    | National University of Health Sciences            |
| • Andy Dunn         | VA Western New York Healthcare System             |
| • Ricardo Fujikawa  | Real Centro Universitario Escorial-María Cristina |
| • Bart Green        | Journal of Chiropractic Education                 |
| • Navine Haworth    | Australian Chiropractic College                   |
| • Igor Himelfarb    | National Board of Chiropractic Examiners          |
| • Claire Johnson    | National University of Health Sciences            |
| • John Mrozek       | Texas Chiropractic College                        |
| • Stacie Salisbury  | Palmer College of Chiropractic                    |
| • Stephney Whillier | Macquarie University                              |
| • Michael Wiles     | Keiser University                                 |

**Thank you to our sponsors!**

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