

OHMES Update

#9 September 2018

From the Editor

Between the heat and the smoke, it was quite the summer in Calgary and now, at the start of a new academic year, we seem to have slipped into an early Fall. As much as this may mean you have spent or will spend a little less time outside than usual, at least the time was well-spent on education scholarship ... right? August means the AMEE conference and this year it was in Basel Switzerland. It was great to see many members of the OHMES scholarly community presenting their work and taking a very active role in this international medical education community. Recognizing that many of colleagues were not able to travel to AMEE we ran our first 'CSM at AMEE' session in September where OHMES members gave their AMEE presentations to a local audience. Seeing the interest and engagement this engendered we are planning to continue with this for AMEE and other conferences in the months and years ahead. With the new academic year, we have restarted the Medical Education Journal Club (MEJC) and we would like to encourage all members of the OHMES community to get involved. The MEJC runs 12-1pm on Monday lunchtimes in the Rose Room in Community Health Sciences, 3rd floor TRW Building at Foothills – you can also join via telephone or Adobe Connect. For more details please contact ohmes@ucalgary.ca We are currently in the middle of a major OHMES Strategic planning process and we would like to thank all those who have got involved so far and we encourage everyone to get involved to help shape the direction of OHMES in the years ahead. Finally, we would like to congratulate Dr. Lorelei Lingard from Western University (who was a keynote speaker for the 2017 OHMES symposium) in being the recipient of the 2018 Karolinska Institutet Prize for Research in Medical Education.

Rachel Ellaway, September 2018



In Our Community

OHMES is pleased to feature Dr. Elaine Gilfoyle, a current OHMES grant recipient as well as an active member of the Medical Education specialization group in Community Health Sciences. Dr. Gilfoyle is a clinician education-researcher in the Section of Critical Care, Department of Pediatrics, and is a practicing pediatric intensive care physician at Alberta Children's Hospital. She has 3 children and has loved living in Calgary for the past 13 years.

Dr Gilfoyle became involved in medical education during her critical care residency at McGill University, while completing her fellowship research project entitled "Development of a leadership skills workshop in pediatric advanced resuscitation", which was subsequently



published in *Medical Teacher* in 2007. This interest grew while completing her Master of Medical Education degree at the University of Dundee. Her thesis focused on the work she started during her residency, where she pilot-tested an interprofessional team training course for pediatric resuscitation team members.

Soon after she completed her master's degree, Dr. Gilfoyle was fortunate to receive one of the largest grants ever given by from Heart and Stroke Foundation of Canada for a resuscitation education research project. This study, called *Teams4Kids*, was a simulation-based multi-centre study that evaluated the impact of team training on adherence to pediatric resuscitation guidelines. This study revealed that, although team training improved resuscitation guideline adherence (as measured by Clinical Performance Tool), teamwork performance (as measured by Clinical Teamwork Scale), and time to completion of key clinical tasks (time to starting CPR and time to defibrillation), many errors, delays and team challenges were commonly observed even after training. Secondary analyses have begun to reveal the causes of some of these team challenges, such as team distraction and deference to authority. So far, three manuscripts have been published as a result of this work, with more coming in the near future. Her current OHMES grant is supporting a national needs assessment examining health care providers' educational needs regarding family presence during resuscitation. Future work will move her out of the simulation lab and into the real world, with the aim of better understanding of resuscitation team performance so that ultimately team training can be improved.

In addition to trying to improve the care that resuscitation team members deliver to children in cardiac arrest, Dr. Gilfoyle has dedicated much time to the national critical care education community. She is now the Chair of the Royal College Physicians and Surgeons Exam Board for Critical Care Medicine, and as such, applies her knowledge of assessment to this important work to help maintain the high standards of specialist certification that Canada enjoys with the Royal College.



AMEE 2018

OHMES would like to recognize all of the presenters from the Cumming School of Medicine at AMEE 2018. The following scholars presented posters, orals, workshops, or hosted sessions at the event:

Sarah Anderson
Susan Bannister
Irina Charania
Edward Choi
Lara Cooke
Suzette Cooke
Melinda Davis
Janet de Groot
Rachel Ellaway

Reuben Eng
Ward Flemons
Kristin Fraser
Michael Gysel
Rahim Kachra
Martina Kelly
Nadine Lam
Jason Lord

Kathleen Moncrieff
Anthony Seto
David Topps
Maureen Topps
Sonja Wicklum
Ian Wishart
Wayne Woloschuk
Keith Wycliffe-Jones



OHMES Strategic Planning

The Office of Health & Medical Education Scholarship was created in 2013 to be a catalyst and enabler for educational scholarship in the Cumming School of Medicine. In May 2018, OHMES hosted two retreats to seek ideas and feedback for the community on future strategic directions. Based on this feedback, we drafted a five-year outline strategic plan that was shared with OHMES community members at a public consultation session in September. Following this session, a full strategic plan is being put together for release later in 2018. We appreciate the input, guidance and support of our community in this endeavour, and look forward to working with you all to create a vision for the future of health professional education scholarship in Calgary.



Health & Medical Education Scholarship Funding Competition 2018-2019

The call for Letters of Intent (LOI) for the Health Science and Medical Education Research and Innovation Funding Competition 2018-19 is now open. This competition provides funding awards up to \$10,000 each for CSM faculty investigators pursuing a research or innovation project driven by education scholarship. This year we have a particular focus on projects exploring topics in Competency-Based Medical Education (CBME). The LOI due date is **28 September 2018**. Please visit the [OHMES website](#) for further details.



2019 Health & Medical Education Scholarship Symposium



The 5th annual OHMES Symposium will be held **Wednesday, February 20 and Thursday, February 21, 2019**. The focus of this event will be on competency-based medical education.

Dr. Stan Hamstra of the Accreditation Council for Graduate Medical Education (Vice President for Milestones Research and Evaluation) and the Feinberg School of Medicine (Adjunct Professor) will be a keynote speaker. Dr. Kevin O'Brien (Associate Professor and Clerkship Director, University of Southern Florida) will be the keynote speaker for the Jones Medical Education Lecture, and will be addressing the topic of student mistreatment. A third keynote speaker will be announced soon.



The symposium would not be successful without the participation of the local medical education community. The Call for Abstracts for oral presentations, as well as posters and demonstrations, is now open with abstracts due **9 November 2018**. As noted above, we will prioritize abstracts that address competency-based medical education within any level and area, however we will also consider abstracts in other areas. Authors of successful abstracts will be notified by early January. Please visit the [OHMES website](#) for more details.

We look forward to your submissions, and your participation in the event!

Selected recent publications from OHMES members

- **Cheng A**, Duff JP, Kessler D, Tofil NM, Davidson J, Lin Y, Chatfield J, Brown LL, Hunt EA; International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) CPR Investigators. [Optimizing CPR Performance with CPR Coaching for Pediatric Cardiac Arrest: A Randomized Simulation-based Clinical Trial](#). Resuscitation. 2018 Aug 24.
- Brown LL, Lin Y, Tofil NM, Overly F, Duff JP, Bhanji F, Nadkarni VM, Hunt EA, Bragg A, Kessler D, Bank I, **Cheng A**; International Network for Simulation-based Pediatric Innovation, Research, Education CPR Investigators (INSPIRE). [Impact of a CPR feedback device on healthcare provider workload during simulated cardiac arrest](#). Resuscitation. 2018 Sep;130:111-117.
- **Cheng A**, Calhoun A, **Topps D**, Adler MD, **Ellaway R**. [Using the METRICS model for defining routes to scholarship in healthcare simulation](#). Med Teach. 2018 Jul;40(7):652-660.
- **Ciechanski P**, **Cheng A**, Damji O, Lopushinsky S, **Hecker K**, Jadavji Z, **Kirton A**. [Effects of transcranial direct-current stimulation on laparoscopic surgical skill acquisition](#). BJS Open. 2018 Mar13;2(2):70-78.
- **Coderre S**, Ripstein I, **Veale P**, **McLaughlin K**. [Are we failing to "build on the scientific basis of medicine?"](#) Can Med Educ J. 2018 Jul 27;9(3):e97-e100.
- **Ellaway R**, Bates J. [Distributed medical education in Canada](#). Can Med Educ J. 2018 Mar 27;9(1):e1-e5.
- **Ellaway RH**, Mackay MP, Lee S, **Hofmeister M**, Malin G, Archibald D, Lawrence K, Dogba J, Côté L, Ross S. [The Impact of a National Competency-Based Medical Education Initiative in Family Medicine](#). Acad Med. 2018 Jul 31.
- Schrewe B, **Ellaway RH**, Watling C, Bates J. [The Contextual Curriculum: Learning In the Matrix, Learning From the Matrix](#). Acad Med. 2018 Jul 3.
- **Kelly M**, Dornan T, Ruparell T. [When I say ... understand](#). Med Educ. 2018 Jul 1.
- **Kelly M**, **Ellaway RH**, Reid H, Ganshorn H, Yardley S, Bennett D, Dornan T. [Considering axiological integrity: a methodological analysis of qualitative evidence syntheses, and its implications for health professions education](#). Adv Health Sci Educ Theory Pract. 2018 May 14.
- **Myhre D**, Szafran O, Schipper S, Dickinson J, Janke F. [Scope of practice of family medicine graduates who completed a rural versus urban program](#). Rural Remote Health. 2018 Jul;18(3):4514.
- Konkin DJ, **Myhre D**. [Attending to relationships: a necessary evolution in the clerkship](#). Med Educ. 2018 Aug;52(8):780-782.
- **Patocka C**, Lin M, Voros J, Chan T. [Point-of-care Resource Use in the Emergency Department: A Developmental Model](#). AEM Educ Train. 2018 May 30;2(3):221-228.
- **Ruzycski SM**, **Desy JR**, Lachman N, Wolanskyj-Spinner AP. [Medical Education for Millennials: How Anatomists Are Doing it Right](#). Clin Anat. 2018 Aug 16.
- Fong S, **Tan A**, Czupryn J, Oswald A. [Patient-centred education: How do learners' perceptions change as they experience clinical training?](#) Adv Health Sci Educ Theory Pract. 2018 Jul 26.

- **Veale P, Busche K, Touchie C, Coderre S, McLaughlin K.** [Choosing Our Own Pathway to Competency-Based Undergraduate Medical Education.](#) Acad Med. 2018 Aug14.

OHMES wants to profile and promote the educational scholarship of OHMES members. Please contact ohmes@ucalgary.ca to tell us about your publications and other activities so we can profile them in future editions of OHMES Update.



Local Events

- [Health & Medical Education Scholarship Symposium 2019](#)
The 5th annual OHMES Symposium will be held **Wednesday, February 20 and Thursday, February 21, 2019**. Abstract submissions are due **9 November 2018**. Confirmed keynote speakers include Dr. Stan Hamstra and Dr. Kevin O'Brien (Jones Lecture). More details available soon.
- [4th Annual PGME Simulation Education and Research Symposium](#) – 4 October 2018
This symposium sponsored by the Office of Postgraduate Medical Education showcases collaborations among educators and researchers with common simulation interests.
- [OIPH Friday Seminar](#) – 12 October 2018, G500, Health Sciences Centre
Dr. Rachel Ellaway will present *Precision, Economics & CBME*.
- [OIPH Friday Seminar](#) – 29 March 2019, G500 Health Sciences Centre
Dr. Keith Wycliffe-Jones will share lessons learned about CBME implementation in Canada from a Family Medicine perspective.
- [Medical Education Specialization Journal Club](#)
Mondays from September 2018 through May 2019, 12:00-1:00pm, Rose Room, 3rd floor, TRW
OHMES and Department of Community Health Sciences host a weekly journal club. Anyone with an interest in medical education is welcome, and attendance can be in-person, via teleconference or Adobe Connect. Article topics vary, and special guests are occasionally invited to present. Information on weekly articles and archived sessions can be accessed on the website.

Other Events

- [Royal College Simulation Summit](#)
28-29 September 2018, Ottawa
- [International Conference on Residency Education \(ICRE\)](#)
18-20 October 2018, Halifax, Nova Scotia
- [AAMC Learn Serve Lead 2018](#)
2-6 November 2018, Austin, Texas
- [IMSH 2019](#)
26-30 January 2019, San Antonio, Texas
- [CCME 2019](#)
13-16 April 2019, Niagara Falls, Ontario
Abstract deadline: **14 September 2018**

- [AMEE 2019](#)
24-28 August, Vienna, Austria
Pre-conference Workshop and Symposia submission deadline: **30 September 2018**
Research paper submission deadline: **5 December 2018**
All other abstracts submission deadline: **6 February 2019**

Local Funding Opportunities

- [OHMES Medical Education Travel Fund](#)
Awards up to \$2,000
- [Health Science & Medical Education Research & Innovation Funding Competition 2018-19](#)
Awards up to \$10,000
LOI Deadline: 28 September 2018
- [Taylor Institute Teaching & Learning Grants](#)
Deadline: 29 October 2018

Other Funding Opportunities

- [Medical Council of Canada – Research in Clinical Assessment](#)
Award maximum \$37,500 - Deadline: 1 February 2019
- [Spencer Foundation – Small Research Grants](#)
Award maximum: \$50,000 - Deadlines: 1 November 2018, and 1 February, 1 May, 1 August 2019
- [Arnold P. Gold Foundation](#)
Chapter Grants – up to \$1500, intake ongoing
Supports educational projects that increase humanism in medical education learning environments.
- [Josiah Macy Jr. Foundation](#)
Board Grants – intake ongoing, President Grants – up to \$35,000, intake ongoing
Projects related to IPE and teamwork, new curriculum content, new models for clinical education, career development in HPE, education for the care of underserved populations.
- [Max Bell Foundation](#)
Project Grants – up to \$200,000, intake ongoing
Funding for projects that impact public policies and practices with an emphasis on health and wellness, and education.



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