

OHMES Update

#6 December 2017

OHMES in 2017

Goodness, it's nearly 2018; didn't this year just fly by? As the Calgary health and medical education scholarship community we had another successful symposium in February, we had a great showing at CCME in Winnipeg, at the Bayfield meeting, at AMEE in Helsinki, and at ICRE in Quebec City. We've had many stimulating invited guest speakers, and we've profiled much of the great work you are doing in and around the Cumming School of Medicine.

The Precision in Health Professional Education Scholarship (PiHPES) meeting in November had a great turnout and was considered by many to be a great success, even though there was still some head scratching as to what 'precision' does or might mean in the arena of health professional education. OHMES will continue to explore opportunities to bring the community together to consider the key strategic issues facing us as a scholarly community.

We thank everyone who submitted proposals to the OHMES Health Science and Medical Education Research and Innovation Funding Competition. We received 21 letters of intent and have invited 18 of these to move forward to submit full proposals.

We are currently putting together our annual symposium in February when we will be delighted to welcome Drs. Glenn Regehr, Cynthia Whitehead, and Marcia Anderson as our keynote speakers alongside many members of our local education scholarship community. See below for more details

As ever, do keep an eye on our local deadlines and opportunities as well as on external conference and funding deadlines to make sure your work gets out to the broader scholarly community. All of us at OHMES hope you have a wonderful break and we look forward to working with you all in the new year.

Rachel Ellaway, December 2017



In our Community

We are delighted to profile Dr. Adam Cheng (Department of Pediatrics at The Alberta Children's Hospital) who, in addition to his prolific research output has been very active on the international stage.

It was 6 years ago that Adam co-founded the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) and he has co-chaired this network since then. INSPIRE now has more than 800 members across more than 200 institutions around the world. INSPIRE just published a paper describing their efforts – see recent publications at the end of this newsletter.



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Adam also recently co-chaired the American Heart Association (AHA) Education Summit, a gathering of the top minds in resuscitation education from around the world. The results of this summit have been written up as an AHA Scientific Statement (a format typically reserved for clinical topics such as hypertension) and is currently under review by the journal *Circulation*. They are currently planning a knowledge translation activity to reach millions of providers and educators all around the world to help inform their educational practice.

When we asked Adam to share some thoughts about educational scholarship he said: do what you love, do it with people you like working with, surround yourself with people who have the skills and **knowledge you don't** have, and make sure you **value your work by sharing it once it's done**.



OHMES Health and Medical Education Scholarship Symposium - February 20-21, 2018

The fourth OHMES Health and Medical Education Scholarship Symposium is scheduled from 12:30pm on February 20 to 12:30pm on February 21, 2018. The keynote speakers are Dr. Glenn Regehr (University of British Columbia) and Dr. Cynthia Whitehead (University of Toronto). Dr. Marcia Anderson will give the Jones Undergraduate Medical Education Lecture on February 20 entitled *Indigenous Medical Education in the Era of Reconciliation*.

This free event is open to anyone with an interest in health or medical education scholarship, and consists of workshops, short research presentations, a poster and demonstration session, an unconference and a Personally Arranged Learning Session (PeArLS), in addition to the keynote talks. Registration will open in January, and an event program will be available at that time.



Precision in Health Professional Education Scholarship

The PiHPES Colloquium was held on November 8, 2017, to explore what precision means in health professional education scholarship. Dean Meddings provided opening remarks regarding the CSM perspective on Precision Medicine and the platforms that support this strategic direction. Drs. Ellaway and Topps each presented different aspects of the current landscape for the PiHPES initiative, including possible links to the CSM Precision Medicine strategy, the use of Big Data, and Competency Based Medical Education. The thirty attendees from the Cumming School of Medicine community engaged in discussions regarding scholarship through a precision lens, and strategic implications regarding funding and resources, graduate programs and faculty development, education and healthcare outcomes, and leadership and mentorship.

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The group agreed that the concept of PiHPES in the CSM should be explored and developed in the form of a white paper, to include a definition of Precision Education, a vision for the CSM, and a strategy to pursue this. Those in attendance will be consulted throughout this process and input will be sought from the wider CSM education community.



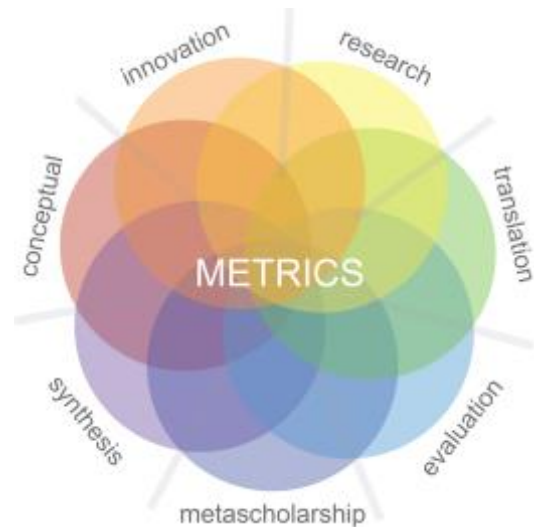
METRICS

We have for some time been building tools to help scholars better express the different kinds of work they do and to help those new to educational scholarship to appreciate the breadth and variation in the kinds of activities constitute our field.

To that end we developed the METRICS model that sets out seven patterns of scholarly inquiry: metascholarship, evaluation, translation, research, innovation, conceptual, and synthesis. We are using the model both as a way to teach and develop thinking in our community around educational scholarship and as a way of expressing a distinctly Calgarian approach to working in this field. We would encourage you to take a look at the model and to join in the conversation around how we can articulate the work of our community and how we can help to nurture and develop it.

We describe this model in more detail in our paper on MedEdPublish here:

<https://www.mededpublish.org/manuscripts/1305.aspx>



Selected recent publications from OHMES members

- Cheng A, Auerbach M, Calhoun A, Mackinnon R, Chang TP, Nadkarni V, Hunt EA, Duval-Arnold J, Peiris N, Kessler D; INSPIRE Investigators. *Building a Community of Practice for Researchers: The International Network for Simulation-Based Pediatric Innovation, Research and Education*. Simul Healthc. 2017 Nov 8.

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- Williams CC, Hecker KG, Paget MK, Coderre SP, Burak KW, Wright B, Krigolson OE. *The application of reward learning in the real world: Changes in the reward positivity amplitude reflect learning in a medical education context.* Int J Psychophysiol. 2017 Oct 27.
- Kalet A, Chou CL, Ellaway RH. *To fail is human: remediating remediation in medical education.* Perspect Med Educ. 2017 Oct 25.
- Ellaway RH, Van Roy K, Preston R, Greenhill J, Clithero A, Elsanousi S, Richards J, Labarda C, Graves L, Mammen M, Assayed AA, Willems S. *Translating medical school social missions to student experiences.* Med Educ. 2017 Sep 26.
- Lin Y, Cheng A, Hecker K, Grant V, Currie GR. Implementing economic evaluation in simulation-based medical education: challenges and opportunities. Med Educ. 2017 Sep 26.
- Desy JR, Ma IWY. In defence of teaching point-of-care ultrasound in undergraduate medical education. Med Educ. 2017 Oct; 51(10).
- Ciechanski P, Cheng A, Lopushinsky S, Hecker K, Gan LS, Zareinia K, Kirton A. Effects of Transcranial Direct-Current Stimulation on Neurosurgical Skill Acquisition: A Randomized Controlled Trial. World Neurosurg. 2017 Aug 31.
- Pethrick H, Nowell L, Oddone Paolucci E, Lorenzetti L, Jacobsen M, Clancy T, Lorenzetti DL. Psychosocial and career outcomes of peer mentorship in medical resident education: a systematic review protocol. Syst Rev. 2017 Aug 31.
- Ellaway RH, Bates J, Teunissen PW. Ecological theories of systems and contextual change in medical education. Med Educ 2017 Dec;51(12).



Local Events

- [Medical Education Specialization Journal Club](#)
Mondays from September through May, 12:00-1:00pm, Rose Room, 3rd floor, TRW
OHMES and Department of Community Health Sciences host a weekly medical education journal club on Mondays from September through June. 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 their article. Information on weekly articles and archived sessions can be accessed on the website.
- [2018 OHMES Health & Medical Education Scholarship Symposium](#)
20-21 February 2018
Registration will open in January 2018.



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Other Events

- [Asia Pacific Medical Education Conference](#)
10-14 January 2018, Singapore
- [Ottawa Conference](#)
10-14 March 2018, Abu Dhabi, United Arab Emirates
- [Canadian Conference on Medical Education 2018](#)
28 April – 1 May 2018, Halifax, Nova Scotia
- [AMEE Conference](#)
25-29 August 2018, Basel, Switzerland



Local Funding Opportunities

- [OHMES Medical Education Travel Fund](#)
Awards up to \$2,000
- [University of Calgary Teaching and Learning Grants](#)
Awards up to \$10,000
Deadline: 7 February 2018



Other Funding Opportunities

- Royal College of Physicians and Surgeons of Canada:
 - [Medical Education Research Grant](#) – call not yet announced but expected deadline is March 2018
 - [CanMEDS Research Development Grant](#) – call not yet announced but expected deadline is March 2018
- [Medical Council of Canada – Research in Clinical Assessment](#)
Award maximum \$37,500
Deadline: 1 February 2018
- [Spencer Foundation – Small Research Grants](#)
Award maximum: \$50,000
Deadlines: 1 February, 1 May, 1 August, 1 November 2018
- [Arnold P. Gold Foundation](#)
Chapter Grants – up to \$1500, intake ongoing
Supports educational projects that increase humanism in medical education learning environments.

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- [Josiah Macy Jr. Foundation](#)
Board Grants – intake ongoing
President Grants – up to \$35,000, intake ongoing
Funding for 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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