

OHMES Update

#5 Fall 2017

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From the Editor

Well, the Summer came and went in a puff of smoke and here we are at the start of the new academic year. It's looking to be an exciting year ahead and we're already off to a good start. First of all, following an intense re design process, we have just relaunched the MSc and PhD medical education specialization within the Community Health Sciences graduate degree program with completely new courses this year. Please contact Dr. Kent Hecker as the specialization lead for more details - kghecker@ucalgary.ca

We are launching our Precision in Health Professional Education Scholarship (PiHPES) initiative on Wednesday, November 8, 2017, 8:00am-12:00pm. This first event is a colloquium to explore the concept of precision applied to health professional education scholarship. All members of the CSM educational community are invited to join this conversation - contact ohmes@ucalgary.ca for more details and to register.

The Medical Education Journal Club has got off to a great start this year with a spirited multisession exploration of issues in and around competency-based medical education (CBME). The journal club is open to all members of the Cumming School of Medicine community and runs on Mondays at 12 noon – contact ohmes@ucalgary.ca for details and to be put on the mailing list.

Finally, a reminder to keep an eye on conference deadlines to make sure your work gets out to the broader scholarly community. We at OHMES hope you have a great academic year and we look forward to working with you all in the weeks and months to come.

Rachel Ellaway, September 2017



In our Community: *Dr. Kent Hecker*

Congratulations to Dr. Kent Hecker, PhD, member of the OHMES Executive Committee, and recipient of the Canadian Foundation for Innovation's John R. Evans Leaders Fund (JELF) in 2017. The JELF supports the pursuit of ground-breaking research in world-class facilities, and Dr. Hecker received the award to create his Health Education Neuroassessment Laboratory (THENaL).

THENaL is a state of the art research facility where Dr. Hecker will elucidate how brain data relates to behavioral test performance data in the context of health professional education. To accomplish this, Dr. Hecker with a multi-disciplinary team of neuroscientists and health professionals will systematically study the neural signatures that underlie health professional expertise and quantitatively measure how best to assess these processes within the health professions. We congratulate Dr. Hecker and his team on the award, and look forward to the future achievements of the lab and its contributions to health education!



AMEE 2017

OHMES would like to recognize all of the presenters from the Cumming School of Medicine at **AMEE 2017**. The following scholars presented posters, orals, workshops, or hosted sessions at the event:

Dr. Rachel Ellaway	Dr. Maria Palacios
Dr. Rabiya Jalil	Dr. Maureen Topps
Dr. Martina Kelly	Dr. David Topps
Dr. Jocelyn Lockyer	Dr. Wayne Woloschuk
Dr. Jason Lord	Dr. Yan Yu
Dr. Doug Myhre	

AMEE 2018 will be in Basel in Switzerland in August next year and we urge you to consider presenting your work at this prestigious international meeting.



Selected recent publications from OHMES members

- Ellaway RH, Chou CL, Kalet AL. *Situating Remediation: Accommodating Success and Failure in Medical Education Systems*. Acad Med. 2017 Aug 1.
- Hruska P, Krigolson O, Coderre S, McLaughlin K, Cortese F, Doig C, Beran T, Wright B, Hecker KG. *Erratum to: Working memory, reasoning and expertise in medicine – insights into their relationship using functional neuroimaging*. Adv Health Sci Educ Theory Pract. 2017 Jul 25
- Hruska P, Hecker, KG, Coderre S, McLaughlin K, Cortese F, Doig C, Beran T, Wright B, Krigolson O. *Erratum to: Hemispheric activation differences in novice and expert clinicians during clinical decision making*. Adv Health Sci Educ Theory Pract. 2017 Jul 25
- Paget M, Brar G, Veale P, Busche K, Coderre S, Woloschuk W, McLaughlin K. *The grades that clinical teachers give students modifies the grades they receive*. Adv Health Sci Educ Theory Pract. 2017 Jul 13
- Ross M, Walker I, Cooke L, Raman M, Ravani P, Coderre S, McLaughlin K. *Are Female Applicants Rated Higher Than Males on the Multiple Mini-Interview? Findings from the University of Calgary*. Acad Med. 2017 Jun;92(6):841-846
- Delaloye NJ, Tobler K, O'Neill T, Kotsakis A, Cooper J, Bank I, Gilfoyle E, Teams4Kids Investigators and the Canadian Critical Care Trials Group. *Errors During Resuscitation: The Impact of Perceived Authority on Delivery of Care*. J Patient Saf. 2017 Jun 30
- Tofil NM, Lin Y, Zhong J, Peterson DT, White ML, Grant V, Grant DJ, Gottesman R, Sudikoff SN, Adler M, Marohn K, Davidson J, Cheng A; International Network for Simulation-Based Pediatric Innovation, Research and Education Cardiopulmonary Resuscitation (INSPIRE) CPR Investigators. *Workload of Team Leaders and Team Members During a Simulated Sepsis Scenario*. Pediatr Crit Care Med. 2017 Jun 24
- Kessler DO, Peterson DT, Bragg A, Lin Y, Zhong J, Duff J, Adler M, Brown L, Bhanji F, Davidson J, Grant D, Cheng A; International Network for Simulation-Based Pediatric Innovation, Research and Education Cardiopulmonary Resuscitation (INSPIRE) CPR Investigators. *Causes for Pauses During Simulated Pediatric Cardiac Arrest*. Pediatr Crit Care Med. 2017 Aug; 18(8):e311-e317
- Kelly M, Everard KM, Nixon L, Chessman A. *Untapped Potential: Performance of Procedural Skills in the Family Medicine Clerkship*. Fam Med. 2017 Jun; 49(6): 437-442
- Lockyer J, Carraccio C, Chan MK, Hart D, Smee S, Touchie C, Holmboe ES, Frank JR; ICBME Collaborators. *Core principles of assessment in competency-based medical education*. Med Teach. 2017 Jun;39(6):609-616
- Gruppen L, Frank JR, Lockyer J, Ross S, Bould MD, Harris P, Bhanji F, Hodges BD, Snell L, Ten Cate O; ICBME Collaborators. *Toward a research agenda for competency-based medical education*. Med Teach. 2017 Jun;39(6):623-630

- Lockyer J, Bursey F, Richardson D, Frank JR, Snell L, Campbell C: ICBME Collaborators. *Competency-based medical education and continuing professional development: A conceptualization for change*. Med Teach. 2017 Jun;39(6):617-622
- Harris P, Bhanji F, Topps M, Ross S, Lieberman S, Frank JR, Snell L, Sherbino J: ICBME Collaborators. *Evolving concepts of assessment in a competency-based world*. Med Teach. 2017 Jun;39(6):603-608
- Cooke S, Lemay JF, Beran T. Evolutions in clinical reasoning assessment: *The Evolving Script Concordance Test*. Med Teach. 2017 Aug;39(8):828-835
- Cooke S, Lemay JF. *Transforming Medical Assessment: Integrating Uncertainty Into the Evaluation of Clinical Reasoning in Medical Education*. Acad Med. 2017 Jun;92(6):746-751

We are keen to profile 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

- [Emphasizing Self or Regulation in Self-Regulated Learning?](#) – Dr. Ryan Brydges, University of Toronto
Friday, October 6, 2017, 12:00-1:00pm, O1504 Health Sciences Centre
Learning Objectives:
 1. Define self-regulated learning according to numerous conceptual frameworks.
 2. Explain to a colleague the relative value of emphasizing ‘self’ vs. emphasizing ‘regulation’ in how we study lifelong learning.
 3. Critically appraise the quality of literature on self-regulated, self-directed, and lifelong learning in health professions education.
- [More Expected than Certain: Exploring the Complexity of Translating Outcome Frameworks to Performance Assessment Plans](#) – Dr. Walter Tavares, University of Toronto
Friday, October 6, 2017, 8:00-9:00am, O1504 Health Sciences Centre
Learning Objectives:
 1. Identify the various conversion steps that exist in creating assessment activities and potential threats that make them risky.
 2. Discuss faculty/rater cognition research that illustrates how assessment activities may be more expected than certain.
 3. Identify next steps in exploring and correcting for challenges associated with converting outcome frameworks to performance based assessment activities.
- [The CMEJ as Part of a Canadian Medical Education Community of Practice](#) – Dr. Marcel D’Eon, University of Saskatchewan
Wednesday, October 11, 2017, 12:15-1:15pm, G750 Health Sciences Centre
- [Precision in Health Professional Education Scholarship \(PiHPES\)](#)
Wednesday, November 8, 2017, 8:00am-12:00pm, Room O1500 Health Sciences Centre
The Cumming School of Medicine has made a strategic commitment to Precision Medicine. This OHMES colloquium is a platform to explore what precision means in health professional education scholarship. Email ohmes@ucalgary.ca to register.



Precision in Health Professional Education Scholarship

- [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](#)
SAVE THE DATE – 20-21 February 2018
We have confirmed Glen Regehr (Associate Director Research, Centre for Health Education Scholarship, UBC) and Cynthia Whitehead (Director of the Wilson Centre, University of Toronto) as our keynotes for this annual event. More details to follow in the next issue of *OHMES Update*.



Other Events

- [International Conference on Residency Education \(ICRE\)](#)
19-21 October 2017, Quebec City, Quebec
- [Royal College of Physicians and Surgeons of Canada \(RCPSC\) Simulation Summit](#)
1-2 November 2017, Montreal, Quebec
- [Association of American Medical Colleges \(AAMC\) Learn, Serve, Lead 2017](#)
3-7 November 2017, Boston, MA
- [Asia Pacific Medical Education Conference](#)
10-14 January 2018, Singapore
- [Canadian Conference on Medical Education 2018](#)
28 April – 1 May 2018, Halifax, Nova Scotia
- [Ottawa Conference](#)
10-14 March 2018, Abu Dhabi, United Arab Emirates
Abstract Deadline: 30 September 2017



Local Funding Opportunities

- [OHMES Health Science and Medical Education Research & Innovation Funding Competition](#)
LOI due 29 September 2017
Awards up to \$10,000
- [OHMES Medical Education Travel Fund](#)
Awards up to \$2,000



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

- [Spencer Foundation](#)
Small Research Grants program – up to \$50,000, deadline November 1, 2017
Lyle Spencer Research Awards – up to \$1,000,000, LOI deadline October 12, 2017
Funding for projects that will contribute to the improvement of education.
- [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
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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