

OHMES Update

#13 September 2019

From the Editor

Fall in Alberta, as beautiful as it is, comes too soon and it leaves too soon. The nights are already drawing in and we will soon be dealing with frosts and after that the snow and ice of winter. On the one hand this also means that we're back in the thick of a new academic year with classes and meetings filling every moment of the day. On the other this may mean that we might get more time to work on that paper or proposal that evaded us through the summer. Either way, this is a busy time and we deeply appreciate any and all your contributions to medical education scholarship in Calgary. We also welcome the new graduate students joining our medical education specialization and all of the other individuals who have or are joining our community.

Medical education scholarship in Calgary is strong and vibrant with so many of you making significant contributions across the continuum, both in Calgary and Southern Alberta, and on the national and international stage. OHMES wishes you every success in this new academic year and we stand ready to help you in your work as educational scholars, innovators, and leaders.



Rachel Ellaway, September 2019



CSM@AMEE 2019

OHMES would like to recognize all of the presenters from the UofC at AMEE 2019. The following scholars were authors on posters or orals, or hosted workshops or sessions at the event:

Cindy Adams
 Aliya Kassam
 Dylan Pillai
 Fabiola Aparicio-Ting
 William Kennedy
 Mitchell Rohatensky
 Heather Baxter
 Martina Kelly
 Candace Rypien
 Allison Brown
 Grace Kwong

Anthony Seto
 Jian Choo
 Irene Ma
 Nishan Sharma
 Sylvain Coderre
 Mackenzie Margetts
 William Stokes
 Sean Crooks
 Kevin McLaughlin
 Clark Svrcek
 Darlene Donszelmann

Bonnie Meatherall
 Jean-Yin Tan
 Rachel Ellaway
 Bayan Missaghi
 David Topps
 Gwendolyn Hollaar
 Mike Paget
 Angela Tucker
 Rahim Kachra
 Wayne Woloschuk

For those who weren't able to attend or who missed certain sessions, OHMES is featuring six of these scholars in the [CSM@AMEE 2019](#) seminar on **October 16, 2019, from 12:00-13:30 in G500**. Join **Fabiola Aparicio-Ting, Rahim Kachra, Aliya Kassam, Anthony Seto, William Stokes, and David Topps** for their AMEE presentations and lunch!



In Our Community



OHMES is pleased to feature Dr. Janet de Groot, a well-known educator and scholar in our community. We asked her to reflect on her career in medical education and scholarship activities which were influenced by her strong interests in professionalism and humanism:

Thank you for inviting my profile. Our 170-member strong community is an important element of what makes it exciting to be here at the Cumming School of Medicine. I have been involved in education coordination, innovative medical education projects with roleplay and video, and collaborative research with trainees and faculty members. My longest-held education roles were as a psychiatry resident training director (1994-2001) for 18-20 residents annually for seven years at what became the University Health

Network in Toronto and later, in the Equity, Diversity and Professionalism portfolio (2008-2017) at the Cumming School of Medicine. I have been honored with local awards (Toronto and Calgary) for postgraduate and continuing education, the 2008 faculty McLeod Education Award and national awards for continuing medical education (2008) and Equity, Diversity and Gender (2014). My Master of Medical Sciences degree from University of Toronto, obtained subsequent to my FRCPC in psychiatry, provided a strong grounding in quantitative research applied to clinical research in eating disorders and psychosocial oncology.

My first collaborative medical education research project was based on a practical question: How do we best integrate new training requirements into an already packed resident training schedule? Our team undertook a mixed methods study of resident training activities and their perceived educational value. We found that a) service and education occurs on a continuum, b) residents experienced the greatest educational value from feedback on clinical work (experiential education) and c) that seminars are best provided 'just in time', or contextual to clinical work. Our findings informed U of Toronto's psychiatry's postgraduate curriculum for some time. Our study team of residents, faculty and PhD educator continued to collaborate on what works best for clinical supervision with qualitative research publications^{i, ii}.

At CSM, I was the founding Associate Dean for the Equity and Professionalism Office (2008-2017). Midway through my term, I had the opportunity to undertake a scholarly institutional action project (IAP) while registered in the longitudinal Executive Leadership for Academic Medicine (2012-2013) program for academic women at Drexel University. The IAP, included a literature review and stakeholder interviews across North America, and informed moving to a four-pillar platform focused on education, celebration, consultation and research for professionalism, equity and diversity with a professionalism network of students, staff and faculty members.

Our professionalism education group including Tom Rosenal, Lara Nixon, Nazia Viceer, and Amanda Roze des Ordons developed a faculty course that fosters clinician educator mentors in humanism and professionalismⁱⁱⁱ. The course continues with the oversight of Amanda Roze des Ordons, Sue Kuhn and Sarah Weeks. An OHMES research award to Drs. Aliya Kassam, Maureen Topps and myself funded two appreciative-inquiry informed interview studies of how a) residents and b) clinician educators successfully address professionalism in the challenging clinical environments.

I am currently undertaking research regarding imposter syndrome among healthcare professionals and evaluating professional identity formation among diverse groups. I am grateful for the many collaborators and individuals who provide wisdom and insights regarding medical education at CSM, not the least of which are the Medical Education Journal club leaders, Aliya Kassam, Kent Hecker, and Rachel Ellaway, and organizer, Gretchen Greer.

- i Sinai J, Tiberius R, de Groot J, Brunet A, Voore P. Developing a training program to improve supervisor-resident relationships, part 1, defining the issues. *Teach Learn Med* 2001; 13(2): 80-85.
- ii Jochimsen-van der Leeuw LGAR, van Dyke N, van Etten-Jamaludin FS, Weirenga-de Waard M. The attributes of the clinical trainer as a role model: a systematic review. *Acad Med* 2013; 88(1):
- iii Roze des Ordon A, de Groot J, Rosenal T, Viceer N, Nixon L. How clinicians integrate humanism in their clinical workplace – ‘Just trying to put myself in their human being shoes’. *Perspect Med Educ* 2018; 7(5): 318-323.



WISHES Education Laboratory

The WISHES team has had a busy summer! We had our second steering committee meeting in July where we continued to discuss the epistemological and ontological underpinnings of wellness innovation and scholarship. As part of the meeting, the committee was requested to form small groups to consider a “wellness wish list” for learners in the CSM, and how scholarship can advance the items on the wish list. Ideas were as follows:

- Improve and increase access to mindfulness opportunities
- Pay students basic income/living wage
- Increase diversity of medical students using upstream, system level policy and interventions in admissions and acceptance
- Examine policies for inequity and discrimination
- Facilitate parenthood in medicine and graduate school
- Create a centralized Wellness Centre (similar to Student Union Wellness)
- Raise awareness for meditation spaces and have a wellness website to list resources of what exists.
- Have a navigator (for wellness resources)
- Have a mechanism for confidential reconciling behaviors
- Increase cultural maturity through interventions
- Role modeling of a respectful, grateful culture while empowering learners to speak up

We have also been preparing for our inaugural symposium that will be held on October 10, 2019 from 11:00-16:00 and will feature keynote speaker Lauren Vogel, local research presentations, and a wellness challenge. Visit the [WISHES webpage](#) on the OHMES website for details.

Aliya Kassam, PhD



OHMES Medical Education Travel Fund Revisions

The Medical Education Travel Fund has been providing CSM scholars with travel funds to present their scholarship at national and international meetings since 2011. Approximately five awards are granted each year, up to \$2,000 each. Due to increased demand and limited award availability, a change to the eligibility requirements has been approved by the OHMES Advisory Committee in order to ensure that the funding remains available to as many of the CSM community as possible. As of June 2019, applicants are limited to receiving one award every two fiscal years, rather than every fiscal year. Please refer to the [OHMES Medical Education Travel Fund](#) terms of reference for full eligibility requirements.



2020 Health and Medical Education Scholarship Symposium SAVE THE DATE!

The sixth annual Health & Medical Education Scholarship Symposium will be held on **Thursday, March 5, 2020**. Keynote speakers will be announced in Fall 2019.

Based on the feedback from participants and smaller attendance numbers on the second day of past symposiums, the 2020 Symposium will have a revised format and move to one full day of events. In an effort to increase attendance at individual sessions, the lunch and poster session will be combined, and there will be fewer conflicting workshops and oral sessions offered. A panel debate is also being considered as a new session.

The planning committee will finalize the format and agenda by Fall 2019, and a Call for Abstracts will be made shortly thereafter. Registration for the Symposium will open in January 2020. We hope to see you there!



Health & Medical Education Scholarship Funding Competition 2019-20

OHMES is pleased to announce the sixth annual Health & Medical Education Scholarship Funding Competition. As in recent years, a Letter of Intent (LOI) process will be used to ensure that the proposed projects are feasible and have a direct link to health/medical education before proceeding to the full proposal stage. LOIs are due **27 September 2019**, PIs must be OHMES members, and funding is to a maximum of \$10,000 per project. Visit the [OHMES website](#) for details.

Please note that conference and publication costs are now eligible expenses for this competition. Total conference travel/publication fees can total up to 20% of the total funding requested. Visit [OHMES Funding Request and Expense Policies](#) for details.



Awards & Grants Received by OHMES Members

Kent Hecker, Thomas O'Neill, Olave Krigolson. *Neuroeducation mechanisms of psychosocial contexts on team-based learning*. Funded by AMEE Research Grants Programme: \$17,000

Aliya Kassam, Leslie Nickell, **Franco Rizzuti**, Stephanie Smith and Glen Bandiera. *A National Initiative to Help Ease the Transition from Medical School to Residency: The Learner Education Handover Pilot Project (LEaPP)*. (2019). Medical Education Research Grant, Royal College of Physicians and Surgeons of Canada: \$38,250.

Aliya Kassam, Sarah Glaze, Pamela Chu, Jaelene Mannerfeldt, Kimberley Thornton. *Implementing and Evaluating a Fatigue Risk Management Plan for Obstetrics and Gynecology Residents*. (2019). Fatigue Risk Management Task Force, Royal College of Physicians and Surgeons of Canada: \$20,000.

Selected Recent Publications from OHMES Members

Anderson S, Jamniczky H, Krigolson O, Coderre S, Hecker K. [Quantifying two-dimensional and three-dimensional stereoscopic learning in anatomy using electroencephalography](https://doi.org/10.1038/s41539-019-0050-4). npj Science of Learning (2019) 4:10. <https://doi.org/10.1038/s41539-019-0050-4>

Brown A, Sreenan S, McGarvey A. [Closing the gap: a transatlantic collaboration to foster quality improvement training in graduate entry medical students using applications of QI methodologies to medical education](https://doi.org/10.1136/bmjopen-2018-000610). BMJ Open Qual. 2019 Aug 1;8(3):e000610. doi: 10.1136/bmjopen-2018-000610. eCollection 2019.

Busche K, Elks ML, Hanson JT, Jackson-Williams L, Manuel RS, Parsons WL, Wofsy D, Yuan K. [The Validity of Scores from the New MCAT Exam in Predicting Student Performance: Results from a Multisite Study](https://doi.org/10.1097/ACM.0000000000002942). Acad Med. 2019 Aug 13. doi: 10.1097/ACM.0000000000002942. [Epub ahead of print]

Tavares W, Eppich W, Cheng A, Miller S, Teunissen PW, Watling CJ, Sargeant J. [Learning Conversations: An Analysis of Their Theoretical Roots and Their Manifestations of Feedback and Debriefing in Medical Education](https://doi.org/10.1097/ACM.0000000000002932). Acad Med. 2019 Jul 30. doi: 10.1097/ACM.0000000000002932. [Epub ahead of print]

Ciechanski P, Kirton A, Wilson B, Williams CC, Anderson SJ, Cheng A, Lopushinsky S, Hecker KG. [Electroencephalography correlates of transcranial direct-current stimulation enhanced surgical skill learning: a replication and extension study](https://doi.org/10.1016/j.brs.2019.06.010). Brain Research. 2019

Desy J, Coderre S, Davis M, Cusano R, McLaughlin K. [How can we reduce bias during an academic assessment reappraisal?](https://doi.org/10.1080/0142159X.2019.1638503) Med Teach. 2019 Jul 22:1-4. doi: 10.1080/0142159X.2019.1638503. [Epub ahead of print]

Smith D, Ramesh S, Smith M, Jensen A, Ellaway R. [The Calgary student run clinic in context: a mixed-methods case study](https://doi.org/10.1080/0142159X.2019.1638503). Can Med Educ J. 2019 Jul 24;10(3):e27-e38. eCollection 2019 Jul.

Lord JA, Zuege DJ, Mackay MP, des Ordon AR, Lockyer J. [Picking the Right Tool for the Job: A Reliability Study of 4 Assessment Tools for Central Venous Catheter Insertion](https://doi.org/10.4300/JGME-D-19-00107.1). J Grad Med Educ. 2019 Aug;11(4):422-429. doi: 10.4300/JGME-D-19-00107.1.

Patocka C, Cheng A, Sibbald M, Duff JP, Lai A, Lee-Nobbee P, Levin H, Varshney T, Weber B, Bhanji F. [A randomized education trial of spaced versus massed instruction to improve acquisition and retention of paediatric resuscitation skills in emergency medical service \(EMS\) providers](https://doi.org/10.1016/j.resuscitation.2019.06.010). Resuscitation. 2019 Aug;141:73-80. doi: 10.1016/j.resuscitation.2019.06.010. Epub 2019 Jun 15.

Ambasta A, Balan M, Mayette M, Goffi A, Mulvagh S, Buchanan B, Montague S, Ruzycki S, Ma IWY. [Education Indicators for Internal Medicine Point-of-Care Ultrasound: a Consensus Report from the Canadian Internal Medicine Ultrasound \(CIMUS\) Group](https://doi.org/10.1007/s11606-019-05124-1). Canadian Internal Medicine Ultrasound (CIMUS) Group. J Gen Intern Med. 2019 Jun 25. doi: 10.1007/s11606-019-05124-1. [Epub ahead of print]

Girotti JA, Chanatry JA, Clinchot DM, McClure SC, Sein AS, Walker IW, Searcy CA. [Investigating Group Differences in Examinees' Preparation for and Performance on the New MCAT Exam](https://doi.org/10.1097/ACM.0000000000002940). Acad Med. 2019 Aug 13. doi: 10.1097/ACM.0000000000002940. [Epub ahead of print]

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

- [CAME Webinar](#) – Dr. Bernard Charlin, University of Montreal. **Learning by Concordance (LbC): Thinking on authentic tasks with automated feedback from a panel of experienced professionals**
3 October 2019, 10:00-11:00am, G253 OHMES Office, HMRB
- [WISHES Symposium](#)
10 October 2019, 11:00am-5:00pm, Health Sciences Centre
The inaugural WISHES Symposium is a free event open to anyone with an interest in learner and health practitioner wellness research and innovation, and will include a lunch and poster session, keynote address by Lauren Vogel (CMAJ journalist), local research presentations, and a wellness challenge with prizes. [Register here](#)
- [CSM@AMEE 2019](#)
16 October 2019, 12:00-1:30pm, G500 Health Sciences Centre.
Did you miss the conference? Join us for lunch and six CSM presentations from AMEE 2019. Register at ohmes@ucalgary.ca
- Save the date! The **2020 OHMES Health & Medical Education Scholarship Symposium** will be on Thursday March 5. More details to follow soon.

Other Events

- [International Conference on Residency Education 2019](#)
26-28 September, Ottawa, Ontario
- [Sim Summit 2019](#)
7-8 November, Winnipeg, Manitoba
- [AAMC Learn Serve Lead 2019](#)
8-12 November 2019, Phoenix, AZ
- [International Meeting on Simulation in Healthcare \(IMSH\) 2020](#)
18-22 January 2020
- [CCME 2020](#)
18-21 April 2020
- [AMEE 2020](#)
4-9 September 2020, Glasgow, UK

Local Funding Opportunities

- [OHMES Health Science and Medical Education Research & Innovation Funding Competition](#)
Awards up to \$10,000, LOIs due September 27, 2019
- [OHMES Medical Education Travel Fund](#)
Awards up to \$2,000
- [Taylor Institute Teaching and Learning Grants](#)
Applications due 28 October 2019

Other Funding Opportunities

- [Canadian Association for Medical Education \(CAME\)](#)
Health Professions Education Grants – up to \$5,000
LOI due 6 September 2019
- [Spencer Foundation – Small Research Grants](#)
Award maximum: \$50,000 - Deadlines: 1 November 2019, and February 1, May 1, and August 1, 2020
- [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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