UNIVERSITY OF CALGARY
Cumming School of Medicine
Office of Health and Medical Education Scholarship

OHMES Update #14 December 2019

From the Editor

Well, here we are again at the end of another calendar year of active and productive health and medical education scholarship … and some other things too I'm sure. It's been a busy time for all of us. On top of all of my local activities, I was a guest presenter at the Medical Council of Canada Annual General Meeting in September, I picked up the RCPSC Duncan Graham Award at ICRE in September, I gave the Annual Weston Lecture in Medical Education at the Centre for Education Research and Innovation (CERI) annual Research Symposium at Western in October, and I gave rounds at the McMaster Education Research, Innovation and Theory (MERIT) in December. Meanwhile, everyone else was up to their eyeballs in their scholarly activities. For instance, Dr. Kent Hecker was spending time in a Mars habitat on Hawaii, and Dr. Martina Kelly successfully defended her PhD at Maastricht. All in all, it's been a busy few months for all of us and I would like to thank you for all your hard work and professional commitment over the past few months. I hope you will find time to rest and recuperate over the next few weeks and then jump back in to the fray renewed and invigorated in January!

Rachel Ellaway, December 2019

2020 Health and Medical Education Scholarship Symposium

Dr. Adina Kalet

The sixth annual Health & Medical Education Scholarship Symposium will be held on **Thursday, March 5, 2020**. We are pleased to announce that **Dr. Adina Kalet**, Director of the Robert D. and Patricia E. Kern Institute for the Transformation of Medical Education at the Medical College of Wisconsin, will be the keynote speaker.

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. The event will focus on one keynote speaker, continue to feature local research and innovation in the oral and poster sessions, and will include a new "fringe" session during which participants will present unexpected and unforgettable artsy content related to health/medical educations scholarship.

The Call for Abstracts for orals, posters, workshops and the "fringe" is open until 6 January 2020. Registration for the Symposium will open in late January 2020. We hope to see you there!

In Our Community

*OHMES is pleased to feature **Dr. Alina Smirnova**, a first-year family medicine resident, who is also an accomplished medical education researcher. We are excited to showcase Dr. Smirnova's research, and this is also an opportunity to highlight the education scholarship coming from the active Family Medicine community. We look forward to seeing more from Dr. Smirnova and Family Medicine in the future!*

Hello OHMES community! I'm honoured to be featured in this month's OHMES newsletter and I would like to take this opportunity to introduce myself and share my research interests with you.

Just like many people, I stumbled onto Med Ed research almost by accident. After graduating from the MD program at University of Toronto I moved to The Netherlands with the hope of continuing my medical training there. While arranging for a medical license, I needed another job. Since I enjoyed doing research in my undergrad years, I applied for a PhD position in Medical Education at the School for Health Professions Education (SHE) at Maastricht University in collaboration with the Professional Performance Research Group based at University of Amsterdam. My research focused on the relationship between quality of residency training and quality of healthcare delivery in clinical teaching settings. I was supervised by Dr. Cees van der Vleuten (MaastrichtU), Dr. Kiki Lombarts (UofAmsterdam), Dr. Reneé Stalmerijer (MaastrichtU), and Dr. Onyi Arah (UCLA).

Being challenged with the difficult task of linking residency training to healthcare quality, but being supported by my supervising team, for the next four years I focused on defining and measuring quality in both residency training and care, as well as learning advanced statistical techniques to be able to analyze observational and clinical data from large national quality databases and resident questionnaires. Using quantitative techniques, we focused on how the residency learning climate and teaching quality (measured using resident questionnaires) related to various measures of process, outcome and patient experience across various disciplines. Our findings were somewhat unexpected: we found that a better quality of residency training did not consistently correlate with better measures of care quality at resident training sites as we had hoped. Particularly, we found that tension exists between the two, especially in areas where demands of residency training and patient care diverge. For this work, I was honoured to receive a PhD Cum Laude in April 2018 and the best PhD thesis award at the SHE for 2018.

Currently, I am in my first year of Family Medicine residency at University of Calgary. However, I am still very active in Medical Education research. Together with collaborators at NYU, Stanford University, Veterans Affairs, Cincinnati Children's, Queen's University, McGill University, University of Amsterdam and Maastricht University, we received the Stemmler Grant from the National Board of Medical Examiners to continue researching the connection between quality of residency training and quality of care. Our aim is to study the validity and reliability of Resident-Sensitive Quality Measures (RSQM's) in Pediatric Emergency Medicine across several training sites in the US and Canada. Together we authored the article "Defining and Adopting Clinical Performance Measures in Graduate Medical Education: Where Are We Now and Where Are We Going?" which was published in *Academic Medicine* in May 2019.

If you are interested in learning more about my PhD or current research, I'd be happy to hear from you either through email (alina.smirnova1@ucalgary.ca) or Twitter (@asmirnova7).

CSM at Sim Expo

The SIM Expo was held October 21-22, 2019 in Montreal, and is the largest interprofessional and multidisciplinary simulation conference in Canada. The Cumming School of Medicine was well-represented at the event (see names in **bold** type):

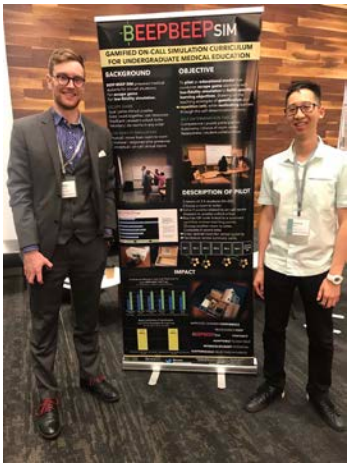
Hospitalist Led Rapid Response Team Activation: An Interprofessional Simulation Program to Improve Competency in Crisis Resource Management. **Presented by: Tahara Bhate**. Authors: **Tahara Bhate**, University of Calgary; **Amanda Roze des Ordons**, University of Calgary; Cherie Serieska, Alberta Health Services; Mirette Dube, Alberta Health Services; Pam Hruska, Alberta Health Services; **Christopher Doig**, University of Calgary.

On-Call Simulation Curriculum for Undergraduate Medical Education. **Presented by: Anthony Seto, William Kennedy**, Authors: **Anthony Seto, William Kennedy, Mackenzie Margetts, Mitchell Rohatensky, Jian Choo, Sean Crooks**, University of Calgary; Nicole Ertl, Alberta Health Services – Palliative Home Care; **Nazia Sharfuddin, Nathan Zondervan, Lucas Streith**, University of Calgary.

Investigating the Impact of Interprofessional Co-Debriefing on Student Learning Outcomes in a Simulated Disaster **Presented by: Amy Poelzer, Gemma Percival**, University of Calgary Authors: **Amy Poelzer, Gemma Percival, Irina Charania, Ian Wishart.**

Double-Black Diamond Debriefing: Strategies For Your Most Difficult Situations Presented by: **James Huffman**, Raegan Gardner, STARS Air Ambulance.

Peer Coaching to Improve Quality in Simulation Programs Presented by: **James Huffman**, Raegan Gardner, STARS Air Ambulance.



Team Calgary at Sim Expo 2019 – Photos kindly provided by Anthony Seto

WISHES Education Laboratory

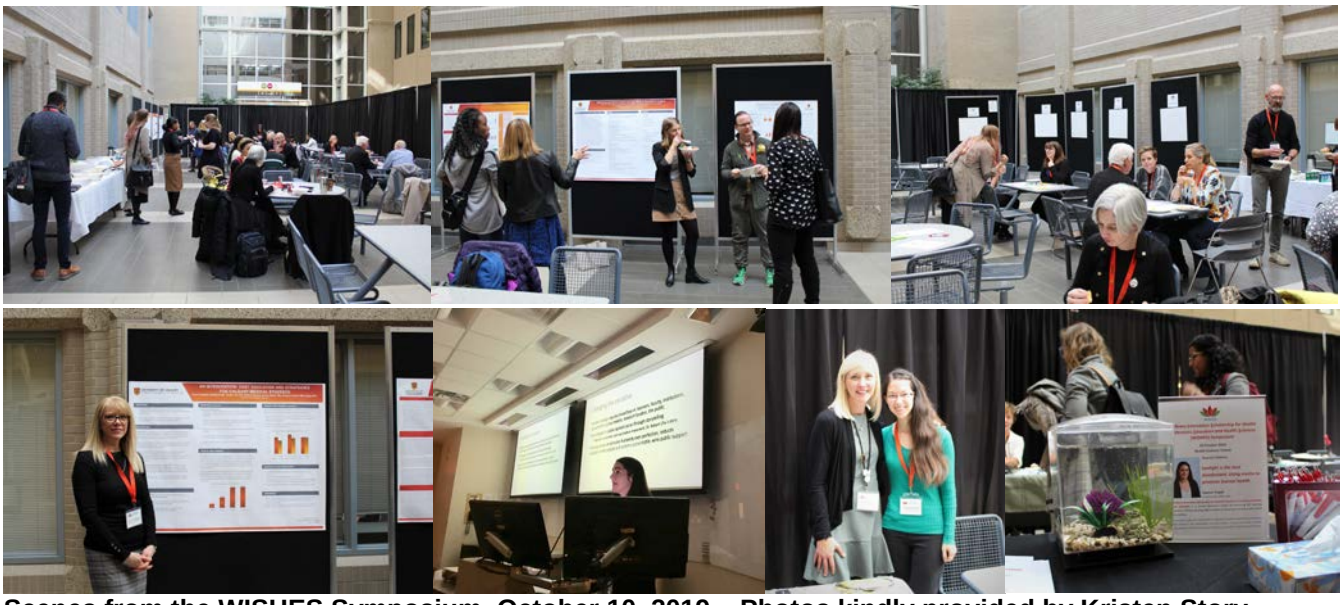
It's been a busy few months for WISHES and we are looking forward to the holiday season to recharge. On October 10, 2019 to coincide with World Mental Health Day, WISHES held its inaugural half-day symposium at the Cumming School of Medicine (CSM). We had 49 attendees with representation from CSM as well as other Faculties such as Nursing, Social Work, Veterinary Medicine and the Werklund School of Education. Ms. Lauren Vogel, a writer from the Canadian Medical Association Journal (CMAJ), was our guest speaker and she shared how personal stories can help with shedding light and raising awareness about learner wellness.

The data collection for the national environmental scan on wellness initiatives across the 17 Canadian Medical Schools is now complete and we are working on collating the data for knowledge dissemination purposes. Some high-level findings include there is an inconsistent and even lacking framework for learner wellness initiatives across the schools, underdeveloped or lacking policies around wellness. Given that the infrastructure of each school is dramatically different, it will be important to understand the relevant contexts, mechanisms and wellness outputs for each school.

To mark the end of the year, WISHES in conjunction with the Student, Advising and Wellness (SAW) Office at CSM hosted a seminar for all learners, faculty and staff to educate themselves on pronouns and LGBTQ2+ terminology. Tiffany Sostar was our guest speaker and is a dynamic bisexual, non-binary, narrative therapist who works within gender and sexually diverse communities. There were 44 people in attendance at the session which gave a brief overview of the changing language landscape and why it matters for the CSM community to keep up with the shift.

Happy Holidays to all! Stay warm and well. See you in 2020!

Aliya Kassam, PhD



Scenes from the WISHES Symposium, October 10, 2019 – Photos kindly provided by Kristen Story

The secret of health for both mind and body is not to mourn for the past, not to worry about the future, or not to anticipate troubles, but to live in the present moment wisely and earnestly – Buddha

Selected Recent Publications from OHMES Members

Wilkes C, Lewis T, **Brager N**, Bulloch A, MacMaster F, **Paget M**, Holm J, Farrell SM, Ventriglio A. Wellbeing and mental health amongst medical students in Canada. Int Rev Psychiatry. 2019 Oct 22:1-4. doi: 10.1080/09540261.2019.1675927.

Cheng A, Eppich W, Kolbe M, Meguerdichian M, Bajaj K, **Grant V**. A Conceptual Framework for the Development of Debriefing Skills: A Journey of Discovery, Growth, and Maturity. Simul Healthc. 2019 Nov 15.

Meguerdichian M, Bajaj K, Wong N, Bentley S, Walker K, **Cheng A**, Ahmed RA. Simulation Fellowships: Survey of Current Summative Assessment Practices. Simul Healthc. 2019 Oct;14(5):300-306. doi: 10.1097/SIH.0000000000000384.

Campbell C, **Lockyer J**. Categorising and enhancing the impacts of continuing professional development to improve performance and health outcomes. Med Educ. 2019 Nov;53(11):1066-1069. doi: 10.1111/medu.13995

Roze des Ordons AL, MacIsaac L, Hui J, Everson J, **Ellaway RH**. Compassion in the Clinical Context: Constrained, Distributed, and Adaptive. J Gen Intern Med. 2019 Oct 21. doi: 10.1007/s11606-019-05467-9.

Bush SH, **Roze des Ordons A**, Chary S, Boyle AB. The Development and Validation of Updated Palliative and End-of-Life Care Competencies for Medical Undergraduates in Canada. J Palliat Med. 2019 Sep 5. doi: 10.1089/jpm.2019.0160.

Ruzycki S, Freeman G, Bharwani A, **Brown A**. Association of Physician Characteristics with Perceptions and Experiences of Gender Equity in an Academic Internal Medicine Department. JAMA Netw Open. 2019;2(1). e1915165. doi:10.1001/jamanetworkopen.2019.15165

Waechter J, Reading D, Lee CH, Walker M. Quantifying the medical student learning curve for ECG rhythm strip interpretation using deliberate practice. GMS Journal for Medical Education 2019, Vol. 36(4), ISSN 2366-5017.

Colmers-Gray IN, Krishnan K, Chan TM, Seth Trueger N, Paddock M, Grock A, **Zaver F**, Thoma B. The Revised METRIQ Score: A Quality Evaluation Tool for Online Educational Resources. AEM Educ Train. 2019 Jul 30;3(4):387-392. doi: 10.1002/aet2.10376.

OHMES would like 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.

Local Events

- Save the date! The **2020 OHMES Health & Medical Education Scholarship Symposium** will be on Thursday March 5.

Other Events

- International Meeting on Simulation in Healthcare (IMSH) 2020
  18-22 January 2020
- Ottawa Conference
  9 February – 4 March 2020, Kuala Lumpur, Malaysia
- CCME 2020
  18-21 April 2020

- Conference on Postsecondary Learning and Teaching
  Taylor Institute for Teaching & Learning (UofC)
  3-5 May 2020
  Call for Proposals due 11 December 2019
- AMEE 2020
  5-9 September 2020, Glasgow, UK
  Research Paper Abstracts due 6 December 2019
  Poster Abstracts due 6 February 2020
- International Conference on Resident Education (ICRE)
  24-26 September, Vancouver, BC
- Sim Expo 2020
  19-20 October 2020, Toronto, Ontario

Local Funding Opportunities

- OHMES Medical Education Travel Fund
  Awards up to $2,000

Other Funding Opportunities

- Medical Council of Canada – Research in Clinical Assessment
  Award maximum $37,500 – Deadline February 1, 2020
- Spencer Foundation – Small Research Grants
  Award maximum: $50,000 – Deadline March 3, 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 & Development 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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