

ADAM PEETS, MD, MSc (Med Ed)

JUNIOR SCHOLAR



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BIOGRAPHY

Adam Peets obtained his MD degree at the University of Calgary in 2000, followed by a residency in Internal Medicine and subspecialty training in Critical Care Medicine. He subsequently completed his Masters Degree in Medical Education in 2007. He then helped to develop and implement the Master Teacher Program at the University of Calgary. He was the Director of that Program for the following two years until he moved to Vancouver in 2009 to focus on medical education in addition to his clinical work. He is currently a Junior Scholar at CHES and a Research Scientist at the Centre for Health Evaluation and Outcome Sciences at Providence Health Care Research Institute. Within the UBC Department of Medicine, he holds the position of Associate Department Head, Education and is a Clinical Associate Professor within the Division of Critical Care Medicine.

RECENT PUBLICATIONS

Peets, A. D. , & Stelfox, H. T. (In press). Changes in residents' opportunities for experiential learning over time. *Medical Education*.

Peets, A., & Ayas, N.T. (2012). Restricting resident workhours: the good, the bad and the ugly. *Critical Care Medicine*, 40(3), 960-966.

Gregory, A., Walker, I., McLaughlin, K., & Peets, A. (2011). Both preparing to teach and teaching positively impact learning outcomes for peer-teachers. *Medical Teacher*, 33(8), e417-e422.

Peets, A. D., Cooke, L., Wright, B., Coderre, S., & McLaughlin, K. (2010). A prospective randomized trial of content expertise versus process expertise in small group teaching. *BMC Medical Education*, 10, 70.

Lam, G., Ayas, N., Griesdale, D., & Peets, A. D. (2010). Medical simulation in respiratory and critical care medicine. *Lung*, 188(6), 445-457.

Carson, J. A., Peets, A., Grant, V., & McLaughlin, K. (2010). The effect of gender interactions on students' physical examination ratings in objective structured clinical examination stations. *Academic Medicine*, 85(11), 1772-1776.

Billington, E. O., Zygun, D., Stelfox, H. T., & Peets, A. D. (2009). Intensivists' base specialty of training is associated with variations in mortality and practice patterns. *Critical Care*, 13, R209.

Fraser, K., Peets, A. D., Tworek, J., Walker, I., Wright, B., & McLaughlin, K. (2009). Simulator training can improve medical students' acquisition and retention of clinical skills. *Medical Education*, 43, 784-789.

Peets, A. D., Coderre, S., Wright, B., Jenkins, D., Burak, K., Leskosky, S., & McLaughlin, K. (2009). Involvement in teaching improves learning in medical students: A randomized cross-over study. *BMC Medical Education*, 9, 55.

CURRENT ACADEMIC ACTIVITIES

"I'm too tired to think!" Characterizing cognitive strategies physicians use to counteract the negative effects of fatigue on clinical performance. Multi-centre prospective mixed-methods study exploring strategies attending physicians use to continue to perform at a high level despite significant sleep-deprivation. Funded by the Royal College of Physicians and Surgeons of Canada.

The Impact of a Resident Work Schedule Change on Patient Safety. Prospective, randomized study comparing the impact that traditional resident on-call shifts (>24 consecutive hrs) as compared to limited shift length (16 hours) have on patient safety, resident, attending physician, nursing and family outcomes. Funded by the Canadian Institutes of Health Research.

Balancing Act: Exploring the design of structured educational modules to maximize the value of medical students' unsupervised learning in the simulation setting. Prospective, randomized study assessing the effectiveness of different teaching modules on the ability of medical students to learn cardiac auscultation skills on a human patient simulator. Funded by the UBC Teaching and Learning Enhancement Fund.

Creation of simulation modules to teach trainees communication and collaboration skills. Study comparing the effectiveness of online and real-time simulation for teaching communication and collaboration skills to residents in the Intensive Care Unit.

RESEARCH INTERESTS

- Sleep-deprivation in healthcare professionals
- Simulation in healthcare
- Optimizing teaching and learning in the clinical environment



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