

Center for Simulation and Professional Development

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To: All Residents and Medical Students at Dalhousie interested in an academic enrichment opportunity

Re: Fellowship in Simulation and Professional Education at Lahey Hospital in Burlington, MA, USA

Lahey Hospital & Medical Center in Burlington, Massachusetts is recruiting applicants for a one year Simulation Fellowship in Health Professions Education, which is accredited by the American College of Surgeons. The goal of this fellowship is to create leaders in medical education who are particularly interested in the use of simulation training to maximize student learning and help achieve institutional educational, patient safety and quality goals. Graduates of the Fellowship Program will obtain the skills necessary to lead graduate and postgraduate medical, nursing and allied health programs as well as conduct research to advance the field of medical education through simulation.

The one year fellowship will be hosted at Lahey Hospital & Medical Center in Burlington, MA. The simulation fellowship does not have a clinical component, so fellows will not require a license to practice medicine in Massachusetts. Depending on the length of time trainees are able to spend on site, it is possible that arrangement for Canadian applicants would include a 6 month on-site option along with a 6 month remote option.

The fellow will be on-site 40 hours per week, and be available to assist, learn and teach in all courses offered at the Simulation Center and affiliated sites. The fellow will participate in weekly meetings and course-work with their fellowship educator, staff meetings, operations and steering committee meetings. Teaching is an integral part of experiential learning, and the fellow will develop these skills by participating in undergraduate, graduate and post-graduate medical education. The fellow will participate in and lead research projects with mentorship from faculty and staff at the medical center. They will present and disseminate their research through participation at regional and national meetings and manuscript submissions. They will receive assistance in manuscript preparation and travel to present their work.

Fellowship Objectives:

- Describe and Apply the educational theories relevant to medical education and simulation
- Independently develop and implement curricula in simulation environments
- Contribute academically in a meaningful way to the field of education and/or simulation

Fellowship Curriculum:

Educational Theory and Curricular Design: Through local on-site course work and affiliated classes at Tufts University, the fellow will learn how to apply educational theory to optimize learning. They will implement key principles of curricular design by designing curricula, teaching courses, and assessing the effectiveness of learning and programs.

Administration and leadership: Through course work and experiential learning, the fellow will learn and apply key principles of educational program administration and leadership, including academic career development, difficult conversations, leadership styles and the creation of an educational portfolio.

Technology support and simulation: Lahey houses an extremely comprehensive array of simulation technology as well as a robust micro-manufacturing facility. The fellow will work with experienced simulation technologists to gain the necessary skill in its implementation in educational programs and research.

Research and design methodology: The fellow will participate in the Research in Medical Education Seminar, a program which focuses on research questions, theoretical frameworks and methods in medical education research. Fellows will also participate in the monthly research meeting. The fellow will receive mentorship support in the conduct of at least one research project for dissemination and publication.

Team training and assessment - The fellow will participate in all simulation sessions and participate as faculty in simulation center team training sessions – such as the Operating Room team training program. They will demonstrate their abilities to lead and debrief these sessions and obtain feedback with opportunities for deliberate practice.

Ideal candidates will be Canadian citizens or permanent residents, who are currently in or have recently completed a surgical residency (in any field of surgery) or anesthesia residency, although other medical specialties will be considered. Candidates should have a demonstrated interest in an academic medical career with emphasis on educational program development and research. In the absence of suitable resident or newly qualified specialist candidate, exceptional medical school graduates not in a residency will also be considered.

Applicants must provide:

- 1) A personal statement no longer than one page outlining their interest in the program
- 2) A current curriculum vitae

3) A supporting letter from their current program director (or undergraduate dean, in the case of medical student applicants).

The fellowship stipend will include a 1-year salary commensurate with the PGY level.
Please submit applications to: dmitry.nepomnayshy@lahey.org

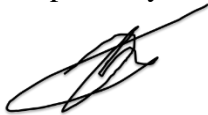
Lahey Hospital & Medical Center is a physician-led, nonprofit group practice with over 500 staff physicians. Our simulation center is an Accredited Level 1 Education Institute of the American College of Surgeons where we train thousands of learners each year. In addition to medical and nursing students, the hospital's Graduate Medical Education programs train more than 200 residents and fellows every year. Lahey is located in the greater Boston area with easy access to top cultural and recreational activities.

For more information, please refer to our website:

<https://www.lahey.org/lhmc/research-residencies/center-for-professional-development-simulation/simulation-fellowship/>

Please e-mail completed applications and inquiries to Dr. Nepomnayshy at the e-mail provided.

Respectfully,



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