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2016 Emergency Medicine Interest Group Grant - \$500

“Emergency Medicine Basics Preparing 1st Year Medical Students with Essential Skills Before Clerkships”

We propose hosting an emergency medicine (EM) “boot camp” for first year medical students consisting of several skills-based workshops. Specifically, we will host workshops during the academic year at the Carl J. Shapiro Simulation and Skills Center (SASC) at Beth Israel Deaconess Medical Center (BIDMC). The workshops will be geared towards fundamental skills that are both critical to the practice of EM yet relevant for all medical students, regardless of their field. The workshops will focus on the following essential skills:

1. General ultrasound review and Focused Assessment with Sonography in Trauma (FAST)
2. Airway management, intubation, and basic life support
3. Radial arterial line, intravenous (IV) line, and central venous catheter placement using mannequins
4. Basics of splinting, joint dislocations/reductions
5. Cardiac ultrasound and electrocardiogram basics, including relevant ECG findings in emergency situations

Harvard Medical School (HMS) has recently adopted a 1-year pre-clinical curriculum, and we feel that it is essential for all medical students to learn the proposed skills before entering their clerkships. Because HMS is currently in a period of curricular reform, these workshops have the potential to lead the way towards greater EM involvement in the HMS curriculum. Aside from arming first year students with essential skills, this boot camp will also increase their exposure to the field of EM, as well as introduce them to several EM residents and faculty.