Focused Advanced Specialty Track

GLOBAL EMERGENCY CARE

Director: Junaid Razzak, MBBS, PhD
Professor, Department of Emergency Medicine
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Number of residents you can accommodate: 1-2 per director

Available faculty mentors:
- Bhakti Hansoti MBChB, MPH, PhD, FACEP
- Nicholas Risko MD, MPH
- Amelia Pousson, MD, MPH
- Kamna Balhara MD, MA

Are you willing to have your track combined with another one? Yes

Sponsoring Institution: Johns Hopkins Hospital

Program Curriculum

Goal
Our goal is to support emergency physicians-in-training in developing the foundational skills to allow them to become leaders in Global Health and/or Global Emergency Care. We offer opportunities to cultivate knowledge and expertise in several essential areas of global health practice through the global health FAST, including:
- emergency care research in resource-limited settings
- health system development and implementation science related to emergency care delivery
- emergency care education in resource-limited settings

Objectives
The Global Health FAST is designed to address the following core objectives:
1. Residents will work under the direction of a faculty mentor to develop a global health project with field experience during the FAST year
2. Residents will develop their skills related to project development, local stakeholder engagement, cross-cultural literacy, interpersonal effectiveness and dissemination.
3. Residents will develop academic writing skills, protocol development skills, basic data analysis and dissemination skills.

Types of FAST opportunities available to residents
1. Primary Research: Residents who choose a primary research project will participate in the submission of one or more individual grant proposals, project design, proposal writing, Submission of one or more global emergency medicine-related research protocols to an Institutional Review Board (IRB), completion of one or more resource-appropriate global emergency medicine investigative research projects at one or more international sites, data collection, data analysis, presentation of one or more individual research abstracts at a national or international conference and/or publication of one or more manuscripts in a peer-reviewed journal.
2. Emergency Care Education and/or Global Health education opportunities including delivery of training materials to a wide level of learners, process for adaption of learning tools, learning intervention evaluation strategies and/or curriculum development strategies, and participation at an international conference.
3. Health Systems Evaluation projects
Foci of Faculty Mentors & Opportunities for Engagement

Bhakti Hansoti MBChB, MPH, PhD
1. South Africa, ED-based HIV testing & Implementation science
2. South Africa, Clinical research on sepsis in low resource settings
3. West Africa, USAID funded Ending-AIDS in West Africa (EAWA) Project, training implementation for key populations
4. Washington DC, USAID funded training award, for global health technical professionals, activities include development of training curriculum, global health competencies and mentorship models for participants in the US and abroad.

Nicholas Risko MD, MHS
1. Health Systems, Global Health Policy, Human Rights perspectives on EM development
2. Health Economics and Cost-effectiveness evaluations
3. EM development in Portuguese speaking countries
4. Opportunities to support work by the World Health Organization, including implementation of WHO educational and process tools.

Amelia Pousson, MD, MPH
1. Opportunities to support ongoing education programs for emergency medicine residents and general practitioners working in emergency medicine across India and in Kigali, Rwanda.
2. Opportunities to work on research related to curriculum development and evaluation in residency training programs in resource-constrained settings
3. Networking to provide links to ongoing NGO-led work that provides ultrasound-focused and midlevel-training/systems-development focused project work in emergency care in resource-limited settings

Junaid A. Razzak MBBS, PhD, FACEP
Research
1. Emergency and Disaster Response System Evaluation project based in Honduras, Nigeria, Pakistan funded by ELRHA/Wellcome Trust
2. Public health and emergency care response to Heat Waves based in Pakistan funded by ELRHA/Wellcome Trust
3. Capacity building in emergency care research in Afghanistan and Pakistan funded by the NIH. Opportunity for involvement in multiple ongoing projects.

Training and Education
1. Improving Care of Hypertension urgency and emergency based in Pakistan funded by the NIH
2. Developing Mass Casualty Incident Management course in Eastern Europe funded by the World Health Organization
3. Development of Emergency Care Leadership Course for Low Resource Settings – work in progress
4. Pediatric emergency care leadership course being developed with the University of Maryland for LMICs – pilot to be conducted in 2019

Kamna Balhara MD, MA
1. Development and support of educational programs for interdisciplinary emergency medicine practitioners in Kathmandu, Nepal
2. Development and evaluation of in-person and asynchronous, distance-learning curricula for residency training and program building
3. Quality improvement, patient safety, and ED operations in global settings