

Focused Advanced Specialty Track

Disaster Medicine

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Available faculty mentors:

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

- International
- EMS
- Tactical Emergency Medicine

Sponsoring Institution: Johns Hopkins Hospital

What other divisions/schools participate:

- Johns Hopkins Bloomberg School of Public Health
- National Institutes of Health

Program Curriculum

Goal

We will introduce residents to the specialty of disaster medicine in regards to preparedness, response, and mitigation as well as to the practice of providing healthcare in an austere setting (post-disaster, wilderness medicine and global health).

The focus will start with emergency and hospital preparedness response, but will extend to the national and international scene as opportunities arise. Practical experiences include possible rotations with the CDC and American Red Cross.

Objectives

The Disaster FAST is designed to address the following core objectives:

1. Residents will develop a solid base of knowledge about disaster preparedness and response,
2. Residents will participate in disaster response activities.
3. Residents will participate in disaster research activities.
4. Residents will learn the skills of providing care in a resource-constrained environment.

Opportunities available to resident(s)

1. Training and education:
 - a. Certification classes
 - i. Basic Disaster Life Support (BDLS): 1 day course

- ii. Advanced Disaster Life Support (ADLS): 2 day course, limited availability
 - b. Online courses
 - i. IS-700.A: National Incident Management System (NIMS), an Introduction
 - 1. <http://training.fema.gov/is/courseoverview.aspx?code=IS-700.a>
 - ii. IS-800B: National Response Framework (NRF), an Introduction
 - 1. <https://training.fema.gov/is/courseoverview.aspx?code=IS-800.b>
 - iii. IS-100.HCB: Introduction to the Incident Command System (ICS 100) for Healthcare/Hospitals
 - 1. <https://training.fema.gov/is/courseoverview.aspx?code=is-100.hcb>
 - iv. AWR-160: WMD/Terrorism Awareness for Emergency Responders
 - 1. <https://teex.org/Pages/Class.aspx?course=AWR160&courseTitle=WMD/Terrorism+Awareness+for+Emergency+Responders>
 - v. IS-200.HCA: Applying ICS to Healthcare Organizations
 - 1. <https://training.fema.gov/is/courseoverview.aspx?code=is-200.hca>
 - c. FEMA's Center for Domestic Preparedness in Anniston, AL
 - i. Healthcare Leadership for Mass Casualty Incidents (<https://cdp.dhs.gov/training/courses/hcl>)
 - ii. EMO PER-267 Emergency Medical Operations for CBRNE Incidents
 - iii. FRAME AWR-900 Framework for Healthcare Emergency Management
 - iv. HERT PER-902 Hospital Emergency Response Training for Mass Casualty Incidents
 - d. Security in Humanitarian Operations (SHOP) course (as of now, there are 3 dates in June, August, and October).
2. Teaching:
 - a. Possible leadership opportunities (Teaching Assistant) in the Wilderness Medicine Course.
 - b. Lectures in the Hopkins School of Medicine Disaster course
 3. Primary Research/Writing: Based on interests of the resident
 4. Potential organizational collaboration:
 - a. American Red Cross
 - b. Centers for Disease Control
 - c. National Institutes of Health

Ongoing Projects

- Quality assessment in disaster response
- Development of an emergency department triage tool for disaster surge
- Disaster rapid assessment
- Volunteer disaster response management
- Systematic review of stress and resilience programs for disaster workers

Possible Future Projects

Projects are dependent on the occurrence of national and international disasters. If an event occurs, there is the potential to deploy into the field for assessment and intervention activities. In addition, there is the potential for opportunities with the hospital disaster response team, Hopkins GoTeam.