



INTERNATIONAL EMS FELLOWSHIP

Program Description

BIDMC Fellowship in Disaster Medicine

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Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Fellowship in Disaster Medicine

BIDMC Fellowship in Disaster Medicine Fellowship in International EMS

Introduction

Our program mission is the exploration of International EMS Systems with the ultimate goal of discovering best practices through comparison and to assist with the global improvement of Prehospital emergency care and access. The fellowship provides a personalized, dynamic educational experience that focuses on the practice of EMS internationally and prepares our fellows to become leaders and educators in the field of EMS and Disaster Operations.

It is an expectation that all fellows will start the formal fellowship didactics on August 1st prepared to discuss and engage in academic content related to Prehospital Emergency Medicine (EMS) and Disaster medicine on the minimum level expected of an Emergency Medicine physician. To this end, all fellows are required to complete the following curriculum consisting of advance reading, online coursework, and local rotations and preparing a research proposal for review in coordination with the Research Director during their time in July and August.

The fellow will also have access to the full curriculum of the disaster medicine fellowship. BIDMC Fellowship in Disaster Medicine is designed to provide qualified fellows the opportunity to develop an expertise in the related fields of Disaster Medicine (DM) and Emergency Management (EM). This is accomplished through didactic lectures, seminars, readings, goal-related research in a specific area of DM and EM, and participation in hospital-based, local, regional, national, and international Disaster Preparedness agencies and response organizations.

Each fellow is expected to develop an active independent project that can be completed by the end of the academic year, with expectation that it will have been submitted to a conference and be ready to submit to a journal by graduation. It is expected that you will arrive with a research project proposal to

present to the fellowship leadership for review and critique on September 1st week.

To aid in this process, it is recommended you submit your initial ideas for a project to Dr. Mick Molly, the fellowship Research Director, prior to beginning the fellowship. This will allow you to work on developing a formal project for internal review in the division and IRB submission as soon as you arrive in Boston.

Please email Dr. Molloy when you have a list of potential topics to develop. Please also send him any previously published papers or abstracts you have published.

CORE CURRICULUM

AUGUST

- Introduction to EMS
- Anatomy of EMS Systems
- EMS Role in Disaster Medicine

SEPTEMBER

- International history of EMS: how did the two models develop and why
- System Leadership, Organization, Regulation & Policy Subsystem

OCTOBER

- Resource Management Subsystems - Financial
- Resource Management Subsystems- Human Resources

NOVEMBER

- Resource Management Subsystems - Transportation
- Resource Management Subsystems - Facility and Specialty Care
Regionalization

DECEMBER

- Public Access and Communications Subsystems
- EMD / PSAP
- Public Information, Education and Prevention Subsystem

JANUARY

- Clinical Care, Integration of Care, and Medical Direction
- NAEMSP Medical Director's Certification Course
- Information, Evaluation, and Research Subsystem

MARCH

- Large Scale Event Preparedness and Response Subsystem
- Disaster Operations

APRIL

- EMS Education and Training

MAY

- Specialty - Option 1: Tactical, Special Events, Flight Operations, Wilderness EMS , Search & Rescue, Community Paramedicine, etc

JUNE

- Quality Management
- Performance Improvement Programs

JULY

- Specialty - Option 2: Tactical, Special Events, Flight Operations, Wilderness EMS , Search & Rescue, Community Paramedicine, etc