



Office of Student Opportunities

Emergency Management Track Curriculum

The Emergency Management Track will provide students with exposure and experience in medical disaster planning, preparedness and response.

Track Objectives

- To understand mechanisms of injury in natural and man-made disasters, as well as injuries due to biological, chemical, radiological and nuclear terrorism
- To learn all aspects of hospital preparedness including emergency preparedness plans, personal protective equipment, isolation capacity, decontamination capability, etc.
- To understand the incident command system
- To become familiar with federal, state, and local response agency assets such as the National Disaster Medical System, the Emergency Management Agency, the Emergency Medical and Health Services Administration, and The American Red Cross
- To understand issues surrounding mass casualty response such as mass triage, surge capacity, mass prophylaxis, volunteer credentialing and multi-agency coordination

Track Activities

Required First & Second Year Activities

- Attend lecture series
- Participate in an Experiential Opportunity in the Summer following first year
 - Students must submit a project proposal including scope of work, a timeline, objectives/goals, and the organization/mentor with which the student will be working including contact information.
 - After project completion, students are required to submit a 4-6 page paper to include the student's project scope, the role the student played in the project, how the project changed from the original proposal, and reflections on the experience.
 - Present a summary of the experience in the Fall following the project to the MS I class
- Complete the following FEMA Independent Study courses found at <http://training.fema.gov/IS/>
 - IS-100.HC Introduction to the Incident Command System for Healthcare/Hospitals
 - IS-200.HC Applying ICS to Healthcare Organizations
 - IS-700.A NIMS An Introduction
 - IS-800.B National Response Framework, An Introduction

Required Third-Fourth Year Activities

- Practice of Medicine Scholarly Project will be related to track of study
 - Students are required to turn in documentation related to their Scholarly Project into the OSO in addition to the POM office

- Fourth-Elective related to Emergency Management

For students electing the 2 Week IDIS EM 361 Course:

- Present to EMED 302 students during your emergency medicine rotation a 2 hour lecture on emergency management – to be precepted by Dr. Petinaux and/or EMS/Disaster Fellow
- Attend four GWUH Emergency Management Committee Meetings during your fourth year of medical school (takes place @ 1 pm on the fourth Monday of every month within the Administration Board Room on the ground floor) (students are expected to attend 4 out of 12 meetings)
- Provide proof of your completion of the ICS courses by the start of your Capstone course during your fourth year (information available on Blackboard)
- Participate in quarterly track meetings for two hours (journal club etc.) (students are expected to attend 3 out of 4 meetings – each quarterly meeting will be held twice for scheduling purposes)
- Write a 10 page referenced Emergency Management Topic Paper (see attachment for sample topics)
- This elective can be done asynchronously

For students electing the 4 Week IDIS EM 361 Course:

- Present to EMED 302 students during your emergency medicine rotation a 2 hour lecture on emergency management – to be precepted by Dr. Petinaux and/or EMS/Disaster Fellow
- Attend four GWUH Emergency Management Committee Meetings during your fourth year of medical school (takes place @ 1 pm on the fourth Monday of every month within the Administration Board Room on the ground floor) (students are expected to attend 4 out of 12 meetings)
- Provide proof of your completion of the ICS courses by the start of your Capstone course during your fourth year (information available on Blackboard)
- Participate in quarterly track meetings for two hours (journal club etc.) (students are expected to attend 3 out of 4 meetings – each quarterly meeting will be held twice for scheduling purposes)
- Take a 4 week elective at an organization or work on a project in emergency management
- Write a 2 page paper on your elective experience
- This elective can NOT be done asynchronously

Additional notes:

- Should you perform an away EMED rotation, you are highly encouraged to perform work at your EMED rotation site related to emergency management in addition to their EMED rotation (attendance at hospital emergency management committee

- Should you perform a required military rotation, you will be highly encouraged to review the emergency management plan of that facility with the presiding official

Track Lecture Series

Topic Areas for Years I & II (sampling)

- Biological agents and principles of isolation and prophylaxis; case study of the anthrax attack
- Chemical agents and principles of decontamination; case study of the Tokyo subway sarin attack
- Response to radiation disasters
- Introduction to incident command structure; case study of the first World Trade Center bombing
- Healthcare system emergency preparedness
- NDMS response to the Florida hurricanes of 2004
- The Toronto SARS experience
- Collapsed structure rescue; case study of the Turkish earthquake
- The 2005 presidential inauguration and the role of the Strategic National Stockpile
- Humanitarian disaster relief
- The terrorist attacks of September 11th
- Psychological response to terrorism
- Personal preparedness for disasters

Other Extracurricular Opportunities

- Students will have opportunities to work with faculty members on projects, research, and publications
- Students will have opportunities to sit in on other related subject matters to Emergency Management

Experiential Opportunities

Summer Internships/Senior Elective Host Sites (sampling)

- Center for Emergency Preparedness
- DC Emergency Management Agency
- DC Department of Health
- DC Emergency Medical Services (EMS)
- Federal Emergency Management Agency (FEMA)
- Pan American Health Organization (PAHO) Program on Emergency Preparedness and Disaster Relief
- USAID, Office of U.S. Foreign Disaster Assistance (OFDA)
- Serve DC/Citizen Corps
- The Center for International Emergency, Disaster, and Refugee Studies (CIEDRS) at John Hopkins University
- Department of Homeland Security (DHS)
- Department of Health and Human Services (HHS)
- Centers for Disease Control

