

**Title:** Disaster Track

**Faculty advisor:** Kathy Lehman

**Purpose:** To introduce fellows to the knowledge, skills, and resources necessary to effectively lead and participate in disaster preparation and response efforts. Fellows in the Disaster individualized curriculum will be prepared to become leaders in the field of pediatric disaster readiness.

**Learning objectives:**

After completion of this track, the fellow will be able to:

- participate in and lead multidisciplinary pediatric disaster readiness teams
- discuss the roles and responsibilities of the personnel and systems involved in pediatric disaster readiness
- develop and implement their own disaster response plan
- network with other disaster readiness leaders at the state, local, and national level

**Required Activities:**

**Literature Review:**

1. Disaster Triage Methods (self-guided, then discuss with Dr. Lehman)
2. Pediatric Differences (self-guided, then discuss with Dr. Lehman)
3. Family Reunification (self-guided, then discuss with Dr. Lehman)
4. Homeland Security Exercise and Evaluation Program (HSEEP) (self-guided, then discuss with Dr. Lehman)
5. Natural Hazards (self-guided, then discuss with Dr. Lehman)
6. Fleisher and Ludwig chapter reviews including:
  - i. Pre-Hospital Care and Transport Medicine
  - ii. Biological and Chemical Terrorism
  - iii. Toxicologic Emergencies
  - iv. Environmental Emergencies
  - v. Radiation Accidents
7. MUSC Emergency Operations Plan (EOP) found on MUSC intranet
8. MUSC Department Emergency Resource Guide (DERG), hard copy in PED
9. MUSC Pediatric Emergency Department plan review with Dr. Lehman
10. Joint Commission Emergency Management Standards:  
<https://www.jointcommission.org/-/media/tjc/documents/standards/r3-reports/final-r3-report-emergency-management.pdf>
11. Hazards Vulnerability Assessment: <https://www.galaxydigital.com/blog/hazard-vulnerability-analysis>
12. HVA Form: <https://www.calhospitalprepare.org/post/updated-hva-tool- kaiser-permanente>

**Meeting Attendance:**

1. MUSC Emergency Management Committee (EMC) – monthly via Teams (must attend 2+/fellowship)
2. Lowcountry Healthcare Preparedness Program meeting – monthly (must attend 2+/fellowship)
3. SC EMS for Children (EMSC) meeting – monthly with virtual option (must attend 2+/year)

**Online Certifications:**

Recommend completing in year 1:

<https://training.fema.gov/nims/> for courses: IS-100, IS-200, IS-700, IS-800 (required before going to Center for Domestic Preparedness in Anniston, AL for Healthcare Leadership for Mass Casualty Incidents course)

<https://training.fema.gov/is/courseoverview.aspx?code=IS-366.a&lang=en> for course IS-366

<https://training.fema.gov/is/courseoverview.aspx?code=is-907&lang=en> for course IS-907

Recommend completing in year 2:

Search <https://search.usa.gov/search?affiliate=netc&query=> and complete the following courses: IS-120, IS-130, IS-139, IS-230, IS-235, IS-905

Recommend completing in year 3:

Search <https://search.usa.gov/search?affiliate=netc&query=> and complete the following courses: IS-5, IS-242, IS-42, IS-2200, IS-520

[https://cdp.dhs.gov/online\\_course](https://cdp.dhs.gov/online_course) and complete courses: AWR-915, AWR-914, AWR-923, AWR-358, AWR-903, AWR-938

**Activities**

1. Healthcare Leadership for Mass Casualty Incidents course at Center for Domestic Preparedness in Anniston, AL <https://cdp.dhs.gov/training/course/MGT-901>
2. Create Tabletop project to be presented in Fellows' conference
3. Design, plan and implement a functional drill for the Pediatric Emergency Dept. This will include conducting a post-drill hotwash and a subsequent After Action Report (AAR)

**Optional activities:**

1. Decontamination course at Center for Domestic Preparedness in Anniston, AL
2. ALICE Active Shooter Training: <https://www.alicetraining.com/>
3. Advanced HAZMAT Life Support
4. TEEX: Pediatric Disaster Response and Emergency Preparedness
5. Grand rounds talk

**Meetings (Highly Recommended to do 1/year):**

- a. American College of Emergency Physicians (ACEP) Disaster Section
- b. American Academy of Pediatrics (AAP) Disaster Preparedness Advisory Council

**Assessment:**

1. Successful completion of all required activities and modules as determined by faculty advisor.

**Additional Online Resources:**

<https://calhospital.org/calhospitalprepare/>

<https://www.edumed.org/resources/hospital-emergency-preparedness/>

<https://emscimprovement.center/domains/preparedness/disaster-plan-prepare/disaster-checklist/>

<https://www.cdc.gov/orr/index.html>

<https://asprtracie.hhs.gov/>

[https://omh.ny.gov/omhweb/disaster\\_resources/pandemic\\_influenza/hospitals/bhpp\\_focus\\_ped\\_toolkit.html#two](https://omh.ny.gov/omhweb/disaster_resources/pandemic_influenza/hospitals/bhpp_focus_ped_toolkit.html#two)

[https://downloads.aap.org/AAP/PDF/disasters\\_family\\_readiness\\_kit.pdf](https://downloads.aap.org/AAP/PDF/disasters_family_readiness_kit.pdf)

<https://www.aap.org/en/patient-care/disasters-and-children/professional-resources-for-disaster-preparedness/>

<https://www.who.int/docs/default-source/documents/publications/hospital-emergency-response-checklist.pdf>

[https://blog.motorolasolutions.com/en\\_us/life-hospital-emergency-manager/](https://blog.motorolasolutions.com/en_us/life-hospital-emergency-manager/)

<https://2760282.fs1.hubspotusercontent->

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