

Title: Global Health Track

Faculty advisor: Chris Daly

Purpose: To provide fellows an introduction to the knowledge and skills necessary for a career in Pediatric Global health. Fellows will learn key concepts in global health and international medicine and will have mentored educational and experiential learning opportunities designed to prepare them to be future leaders within the field.

Learning objectives:

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

- Understand key concepts of pediatric global health including epidemiology, sustainability, ethical considerations, and social determinants of health
- Develop a working knowledge of common tropical diseases and their clinical management
- Develop connections across the field of pediatric global health both locally and internationally
- Engage in global health scholarship and understand the unique challenges associated with international research

Required Activities:

1) **Global Health Core Curriculum:**

a. **Tropical Disease Modules:**

- i. Complete 4 of the following CUGH Infectious disease modules of your choice:
- ii. [Infectious, Parasitic & Communicable Diseases - Consortium of Universities for Global Health \(cugh.org\)](https://cugh.org/)
 1. It is recommended that fellows complete the modules on AIDS, TB Basics, Malaria, and at least one neglected tropical disease.

b. **Global PEM:**

- i. Read 3 of the articles of your choice in the GOALS “Pediatric Emergency Medicine” Section: <https://sugarprep.org/goals/>

c. **Global Health Ethics and Cultural Humility:**

- i. Complete the following module: [GCHEMP Module](#), “Culture and Global Health”

d. **Educational Resources (all are free):**

- i. Sign up for a free account with Sugar Prep to access resources: <https://sugarprep.org/>
- ii. Download the GOALS curriculum <https://sugarprep.org/goals/>. Hyperlinks to readings are available in the PDF.
- iii. Residents should register a free account on the Global Health e-Learning Center <https://www.globalhealthlearning.org/>

- iv. The following has a thorough list of Pediatric-Specific GH education resources:
<https://www.abp.org/sites/abp/files/pdf/ghpdgchap2table4.pdf>
- v. WHO Fact Sheets: [Fact sheets \(who.int\)](#)

2) Global Simulation:

- a. Develop and lead 1 simulation case of a topic in global medicine or resource-limited medicine with EITHER the PEM fellows (during fellow simulation time) or with the EM residents (Global EM Yearly Simulation Day)
- b. Mentor a Pediatric resident for case development for a Pediatric Resident GH Track Simulation journal club meeting. Fellow will be expected to help the resident lead the case at that session

3) Global Education:

- a. Attend at least 1 Pediatric Resident GH Journal Club per semester
- b. Attend at least 1 Global EM Resident Journal Club per semester
 - i. Fellows will be added to both the Peds and EM GH track email list for opportunities
 - ii. Fellows can also be added to the Peds Resident GH Teams Page
- c. Lead a Journal Club with the PEM fellows on a global health article during conference journal club time.
- d. Give one global health fellows lecture during PEM fellowship conference (Chris has a list of lecture topics, or you can develop one of your choice with him)

4) Working in Resource-Limited Global Settings:

- a. Complete one international rotation during fellowship (sites must be approved by MUSC and paperwork with GME/Center for Global Health needs to be completed in advance)
- b. Give one lecture or teaching session with the providers or learners during your international rotation.
- c. Review the following resources prior to travel:
 - i. [“Ethics and best practice guidelines for training experiences in global health.”](#) Crump et al. Am J Trop Med, 2010.
 - ii. [“Partnerships for global child health.”](#) Steenhoff et al. Pediatrics, 2017.
 - iii. Read [“Global Health: Preparation for Working in Resource-Limited Settings.”](#)
 - iv. Watch [“First do no harm”](#) video
- d. Resources for clinical medicine abroad:
 - i. [WHO Pocket Book of Hospital Care for Children](#)
 - ii. [WHO Essential Medications for Children](#)
 - iii. IMCI ([Integrated Management for Childhood Illnesses](#)) chart booklet

5) Capstone Project:

- a. Fellows will be expected to complete one Capstone project during your fellowship related to a global health topic. This can include:
 - i. A QI project at one of our partner sites (OWH Uganda)
 - ii. An international research project (consider time needed for this!)
 - iii. Developing an educational curriculum for an international site OR for MUSC medical students or other learners
 - iv. A local QI or education initiative related to immigrant or refugee health
 - v. A presentation at a national or international conference related to global medicine.

Assessment:

1. Successful completion of all required activities including global health capstone project and signoff from faculty advisor Dr. Daly.