

Global Health at Home & Abroad Curriculum:

The overall Family Medicine Global Health at Home and Abroad Curriculum has four components: required didactic sessions, an elective seminar series, elective self-directed learning modules and an elective immersion experience. With this format we anticipate that all Brown Family Medicine residents will graduate with some awareness of the needs and challenges encountered in resource poor settings locally and globally. Residents with special interest in global health will be provided with skills and knowledge to better equip them to serve patients in these settings (Concentration or Global Health Track would involve completing all 4 components)

Curriculum Format:

1. **Core Global Health Topics in Family Medicine Noon Conference series – required**
 - a. Primary Learners: All FM residents
 - b. Other Learners: Internal Medicine residents, medical students rotating at MHRI; faculty
 - c. Number of lectures: 3 to 4 per year
 - d. Content: core topics (see list below)

2. **Global Health at Home and Abroad Seminar Series – elective.** This interactive seminar series takes place once a month at noon for one hour at Memorial Hospital Dept. of Family Medicine. This series provides a formal 18 month curriculum with a goal of eventually laying the ground work for a Global Health Track. Concentrators will also be expected to complete self directed modules in certain topics.
 - a. Primary Learners: Longitudinal elective for FM residents
 - b. Other Learners: medical students rotating at MHRI + faculty
 - c. Number of seminars: 12 per year; 18 month repeating curriculum
 - d. Content: variety (see list of topics below)

3. **Self Directed Modules – elective** (being identified/developed)

4. **Immersion “in country” Global Health Experience – elective**
 - a. Primary Learners: Elective for FM residents
 - b. Content:
 - a. Preparation:
 1. Mentored self-study regarding issues unique to the culture/ location of elective
 2. mentored personal preparation and reflection regarding the experience.
 - b. In country experience (Away Elective): Regular reflection during the month (eg. journal, portfolio); recording of interesting experiences and patient cases (facilitated by electronic video recording devices, etc); possible “Skype” conferencing with mentor at home.
 - c. Reflection and Presentation:
 1. mentored “debriefing” about the experience;
 2. formal presentation about the global health immersion experience at the “Global Health at Home and Abroad Seminar series” that includes a didactic component meant to teach fellow residents pursuing a Global Health Concentration one of the lecture topics illustrated by the particular in-country experience
 3. Written product in the form of power point and/or written narrative.

Lecture Topics:

1. Ethical Issues
 - a. Ethical dilemmas in delivery of clinical care in resource poor settings for US volunteers
 - b. Understanding cultural barriers to adherence
 - c. Global Health Disparities/Human Rights
 - d. The Role of International Organizations in Global Health/Disasters/Advocacy
 - e. Incorporating Global Health into a Career as a Physician
 - f. Preparing for a Global Health Elective
 - g. Care of Domestic Vulnerable Populations: Community Health & Mental Health Centers
 - h. Domestic Safety Net : Public Assistance, Public Housing, Food Stamps, Medicaid, Health Care for the Homeless and Free Clinics
 - i. Spirituality, Traditional Medicine
 - j. Death & Dying, Medical futility
2. Maternal Child Health
 - a. Maternal Mortality
 - b. Infant Mortality
 - c. Malnutrition Acute/Chronic
 - d. Vitamin Deficiencies
 - e. Child/Adolescent Development
3. Infectious Disease
 - a. Helminth Infections
 - b. Malaria
 - c. Febrile Illnesses (Emerging Infectious Diseases)
 - d. HIV/AIDS/OIs
 - e. Diarrheal Disease
 - f. Acute Respiratory Infections
 - g. TB
4. Special Populations
 - a. Refugees and Internally Displaced Persons
 - b. International Adoption
 - c. Travel Medicine
 - d. Vulnerable Populations (Trafficking, child soldiers, child labor)
 - e. Disabled Persons
5. Public Health
 - a. Major Causes of Mortality Internationally
 - b. Preventive Medicine
 - c. Injury Prevention
 - d. Environmental impact on communities, effect of racial segregation, location of toxic/hazardous waste sites domestically and globally
6. Region Specific Health Issues
 - a. Latin America: Central, South American and the Caribbean
 - b. Africa: Northern, Eastern, Western, Central and Sub-Saharan
 - c. Asia: South Asia, South East Asia, Middle East & the 'Stans'