

International Health Track/Certificate Curriculum

Block Rotation Experiences:

- 1. International clinical experience (required):** Residents should choose an international experience which should be predominantly clinical work, though research may make up a significant part of the rotation. The resident may choose the location but should be supervised by teaching faculty. Our preferred sites for resident physician service and learning, as recommended by the World Health Organization, are district-level hospitals, especially those supervising community health programs. We will maintain an updated database of evaluated sites, but often approve sites suggested by students if those facilities meet preceptorship goals of the WMed Global Health Track. The relevant program director and supervising attending must approve of the proposed rotation prior to starting rotation.
 - a. Madagascar:** Four week rotation in Madagascar. This clinical and community health experience, preceded by an 8 hour orientation course at Western Michigan University School of Medicine, is a faculty-mentored experience. Emphasis is on identifying local health needs, culturally appropriate approaches, clinical care, and linkages with community and government resources in faculty-approved sites in less-developed countries.

Resident will choose at least 1 of the 3 below electives.

- 2. Local clinical experience:** Residents will spend one month working in a US based, resource poor setting. They may choose to work with Intercare or they may find a different working environment (i.e. IHS, prison system). The overseeing attending and relevant program director must approve of the selected rotation prior to the rotation.
 - a. Intercare:** Residents will spend one month working with immigrant migrant workers within the US in a federal qualified health center. Residents will work with resource poor populations or agricultural workers and their families. Challenges faced in this clinic are similar to those encountered in international settings. Spanish fluency is useful but not required.
- 3. Public Health:** Including travel clinic, STI clinic, Maternal/Child Health, Administration, Environmental Health, FEMA Courses.
- 4. Infectious Diseases:** Residents will spend one month with the infectious diseases department at Western Michigan University School of Medicine. Topics covered will include typical infectious diseases seen in developed countries as well as developing countries. Emphasis will be placed on experience working with HIV patients.

Coursework:

Online coursework (required)

1. **[Unite for Sight Global Health Course](#)**: The resident will be expected to complete 11 course modules prior to finishing their residency. This coursework would be most useful if completed prior to any above mentioned clinical coursework. It provides an overview of best practices and principles accepted among global health experts as well as common, sometimes dangerous mistakes often made in the field.

Academic and Training Courses (choose between 1 of 2)

1. **Tropical Medicine and Travelers Health**: Residents seeking certification from the global health track must complete an approved course in Clinical Tropical Medicine and Travelers Health. A list of approved courses can be found at the [American Society of Tropical Medicine and Hygiene website](#).
 - a. **[Minnesota Course](#)**: Upon completion of this two month intensive course residents will be qualified to sit for the Tropical Medicine certification examination. Course includes seven Online modules and 2 weeks in person in MN. Cost is \$375 per module for modules 1-6 (\$2,250), \$395 for module 7, totaling \$2,645
 - b. **West Virginia University**: May attend 3 of four modules online and the fourth module on laboratory medicine and parasitology in person. Each module must be complete within a 16 week period and consists of approximately 50 hours of lecture time. Cost is \$4,750.00
 - c. **Johns Hopkins University**: This 5 week course in June/July can be broken down into two week segments. Cost is \$6,000. (\$11,000 if academic credit is sought through Johns Hopkins University.
 - d. **Baylor College of Medicine**: This 8 week course consists of 4 two week modules. Cost is \$7,755. Modules are offered in June/July and Jan/February.
2. International **[Disaster Relief Course](#)**: Selected from courses provided by [FEMA](#), [CDC](#), [Basic National Disaster Life Support Course](#), International Committee of Red Cross (ICRC)--[Humanitarian Assistance Training](#), [Relief International](#),

Longitudinal Experiences (required)

- 1. Global Health Interest Group/Forum (75% attendance):** Monthly course 1.5 hours covering a variety of topics from tropical diseases, nutrition, global health policy, disaster relief, global health organizations, international experiences, worker safety.
- 2. Global Health Journal Club (75% attendance, 100% participation):** Articles relevant to global health will be reviewed regularly. This will be done with quarterly meetings or in via e-mail summary and synthesis of recent articles when residents are unable to attend a meeting in person.
- 3. Scholarly Activity:** All WMed residents are required to participate in scholarly activity. Residents in the Global Health Track will choose a mentor and should produce a scholarly work related to global health in the form of original research, review article or book chapter. The written work should be of publication quality and should at the very least be presented locally and/or regionally if not nationally and submitted for publication although publication may occur after graduation. The resident will be strongly encouraged to present at our monthly meeting.
- 4. Didactics:** *This course is currently being developed. The participating resident will be required to participate in a semi-annual to annual skill building session. The practice sessions will focus on diagnostic skills and non-pharmacologic forms of treatment.*

