**Emergency Medicine Senior Specialty Track in Global Health**

*Curriculum Guide ­*

**Track Director­- Sinai Residents**

Ben McVane (MSH)

**Affiliated Faculty**

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**Purpose**

The global health specialty track aims to provide an overview of core concepts in global health, a deeper understanding of the role of emergency medicine in global health, and opportunities for early career development to residents interested in the topic. This is a two-year track to encourage longitudinal involvement with the same global health site and project.

**Goals**

1. Exposure to core concepts in global health through regular group didactic sessions with other global health track residents, fellows and faculty.
2. Increased knowledge and clinical experience with “tropical diseases,” diseases of poverty and the practice of medicine in resource-limited environments through clinical time domestically and internationally.
3. Education in global health research and completion of a relevant scholarly project, preferably in emergency medicine development, disaster and humanitarian response, the practice of medicine in resource-limited environments or other relevant global emergency medicine topics.
4. Educational opportunities to share knowledge of global health with other residents and medical students
5. Formal mentorship from fellows and faculty regarding fellowship and career planning

**Expectations:**

1. Didactic and hands-on education:
   1. Completion of core reading (Text: Muennig, Su. *Introducing Global Health: Practice, Policy and Solutions.*)
   2. Participation in group didactic sessions with other global health residents, fellows and faculty
   3. Lead one monthly didactic session
   4. Assist in travel clinic at least one time during year
   5. Completion of specialized online lecture when available
2. Elective time:
   1. At least one month of elective time will be utilized for global health research or clinical work internationally or domestically.
3. Scholarly Project:
   1. Completion of a manuscript-quality scholarly project on a topic relevant to global health internationally or domestically, preferably during elective time.
4. Teaching:
   1. Give one 30-minute lecture to residency conference on global health topic
   2. Medical student mentoring when available
5. Committees:
   1. Participation in relevant committees or interest groups for SAEM, ACEP, or other national or regional organizations

**Timeline:**

June of 2nd/3rd Year: Applications for track due. This senior track requests applications due to limitations on available funding for resident projects. Two residents will be funded through their 3rd and 4th years (rising 4th years applications will be accepted when vacancies in the track exist). Residents not accepted into the track but with an interest in global health are welcome to participate in all components of the track, but funding cannot be guaranteed.

July: Meet with residency track director to begin process of project design, mentor identification and arrange timeline for IRB, travel and electives.

Monthly through 3-4th year: Attend global health didactics / journal club as available.

Fourth year: At least one month of elective time spent at international or domestic global health site.

April of 4th year: Completion of project and manuscript

June 4th year: Senior Night presentation

**General Topics to be Covered through Track Experience:**

1. Principles, History and Trends of Global Health/Public Health

2. Global Burden of Disease

3. The Science and Economics of Global and Public Health

4. Socioeconomic and political determinants of health and disease

5. Global Fund Diseases (Malaria, TB, HIV)

6. Nutrition and Malnutrition

7. Injuries and Surgical Issues in Global Health

8. Non-Communicable Diseases, Mental Health and Aging Populations

9. Immigrant and Refugee Health, Human Trafficking

10. Maternal and Child Health

11. Clinical response to Natural Disasters and Complex Humanitarian Disasters

12. Education and Careers in Global Health

13. International Organizations and their roles

14. Ethics of Global Health 15. Emerging Infectious Diseases and

Pandemics

16. Travel and Tropical Medicine

17. Program Development, Implementation, Management and Evaluation

18. Health Systems and Workforce