



Global Health Curriculum- Elective
NGMC- Family Medicine Residency Program
Gainesville, Ga

PGY: 3

Description of Rotation:

This is a four-week block experience with direct supervision.

Overall Goals:

The United Nations and later the International Conference on Primary Health Care have affirmed that health and access to adequate health care is a basic right of every individual. Nevertheless, there remains a need to address international health and access to basic health care around the world and the need for focus on the health of immigrants, refugees and asylum seekers in this country. The AAFP "Recommended Guidelines for Family Medicine Residents-Global Health" (AAFP Reprint 287) says, "It is imperative for residency programs to create a learning environment that inculcates in all residents the attitudes and behaviors that foster lifelong learning as it pertains to changing health care populations (e.g., acceptance of differing cultures and contexts; willingness to explore different political and religious systems' influence on health; desire to be a change agent for improved health in the community)."

Through required lectures, elective seminars, online courses and immersion experiences in different cultures we hope to graduate residents who will have a strong awareness of the needs and challenges encountered in different cultures, economic settings, political settings and in different medical systems around the world. Residents with a special interest in Global Health will have the opportunity to gain the necessary skills and knowledge to enable them to work in these settings.

Curriculum Format:

- Global Health Topics in Family Medicine Series-required
 - ✓ Primary Learners: All FM residents
 - ✓ Other learners: IM residents, medical students, faculty and other interested medical personnel
 - ✓ Number of lectures: 1per month
 - ✓ Content: core topics (see list)

- Global Health at Home and Abroad Seminar Series-elective
 - ✓ Primary Learners: Longitudinal elective for FP residents
 - ✓ Other learners: Medical students, faculty, other medical personnel
 - ✓ Number of seminars: 6-8 per year
 - ✓ Content: Guest lecturers, returning residents from international experience, core topics (see list)



- ❑ Language and Culture learning-required
 - ✓ Primary learners: All FM residents
 - ✓ Content: Medical Spanish for all residents. (Elective other language in preparation for international experience). Cultural lectures by community leaders from other cultures, focusing on attitudes toward health
 - ✓ Number of lectures: Medical Spanish-30 minutes per month.
 - ✓ Other lectures as able to schedule-hopefully 2-3 per year

- ❑ Self-Directed Modules-required/elective
 - ✓ Primary Learners: All residents
 - ✓ Content: www.thinkculturalhealth.org (Required for all residents)

- ❑ Immersion "in country" International Experience-elective
 - ✓ Primary learners: Elective for FM residents
 - ✓ Content:
 - Preparation:
 - Mentored self-study regarding issues unique to the culture/location of elective
 - Mentored personal preparation and reflection
 - In country experience:
 - Regular reflection and reporting during the month by way of blog, journal. photography
 - Recording of interesting experiences and cases
 - Possible electronic conferencing with home base
 - Possible preparing lecture for teaching local health care personnel
 - Return and reflection
 - Debriefing by mentor/faculty
 - Formal presentation about immersion experience to seminar series
 - Written report which will be kept on file for review by others interested in Global Health
 - Other elective activities encouraged and supported:
 - Involvement with Travel Clinic
 - Attendance at Global Health conferences, such as AAFP Global Health Summit

Competencies:

At the completion of residency training, the family medicine resident should be able to:

- ✓ Understand and discuss how the issues of social determinants of health, health equity, social justice and governmental policy affect the distribution of health services in various settings in the US and internationally. (SBP-3)
- ✓ Assess the health care and public health needs of communities and make evidence-based decisions about resource allocation and delivery of health services. (SBP-1, PBLI-1)
- ✓ Demonstrate sensitivity to sociocultural and health literacy issues. (C-2)
- ✓ Demonstrate the ability to communicate effectively with people from different sociocultural, religious, health literacy backgrounds in order that diagnosis and care plans are clearly understood. (C-4)



- ✓ Demonstrate the ability to use interpretation and translation services effectively when needed.

Knowledge

The resident should demonstrate the ability to apply knowledge of the following: (MK-1, MK-2)

- ✓ Socioeconomic, environmental and political factors affecting health care and disease
- ✓ Specific needs of the underserved and underinsured
- ✓ Varied cultural approaches to health, death and dying
- ✓ Disease specific consequences due to regional and genetic influences of health (G6PD, SCD and TB, etc.)
- ✓ Unique health care delivery methodology and outcomes data for specific international settings
- ✓ Epidemiology of global infectious and chronic disease
- ✓ Resources and issues pertinent to travel medicine, health risk prevention, health maintenance and variations in health care services for non-citizens that are specific to international travel.
- ✓ Non-medical issues unique to international travel and tourism.
- ✓ Financial aspects of providing health care while residing in an international setting.

Skills

The resident should demonstrate the ability to perform or appropriately refer the following:

- ✓ Interact in a cross-cultural manner sufficient to deliver basic health care, including working with interpretation and translation services. (CBP-4)
- ✓ Practice within the context of local cultural beliefs. (PC-1)
- ✓ Perform comprehensive physical exams when practicing in an internationally located office/hospital, being mindful of cultural factors, including gender, modesty and religious practices. (PC-1)
- ✓ Use clinical skills to appropriately diagnose and treat patients in the context of local resource availability (PC-2)
- ✓ Select, perform and interpret diagnostic procedures within the context of limited resource health care settings (SBP-1)
- ✓ Formulate a plan of care that is relevant and practical in a specific cultural setting (PC-3)
- ✓ Communicate with the patient and caregivers regarding the proposed evaluation and treatment plan to promote understanding, adherence and appropriate health behaviors specific to the cultural or international setting. (PC-4)

Lecture Topics:

- Ethical Issues
 - ✓ Ethical dilemmas in delivery of clinical care in resource poor settings for US volunteers
 - ✓ Understanding cultural barriers to adherence
 - ✓ Global Health Disparities/Human Rights
 - ✓ The Role of International Organizations in Global Health/Disasters/Advocacy
 - ✓ Incorporating Global Health into a Career as a Physician
 - ✓ Preparing for a Global Health Elective
 - ✓ Care of Domestic Vulnerable Populations: Community Health & Mental Health Centers
 - ✓ Domestic Safety Net: Public Assistance, Public Housing, Food Stamps, Medicaid, Health Care for the Homeless and Free Clinics
 - ✓ Spirituality, Traditional Medicine
 - ✓ Death & Dying, Medical futility



- Maternal Child Health
 - ✓ Maternal Mortality
 - ✓ Infant Mortality
 - ✓ Malnutrition Acute/Chronic
 - ✓ Vitamin Deficiencies
 - ✓ Child/Adolescent Development

- Infectious Disease
 - ✓ Helminth Infections
 - ✓ Malaria
 - ✓ Febrile Illnesses (Emerging Infectious Diseases)
 - ✓ HIV/AIDS/Ois
 - ✓ Diarrheal Disease
 - ✓ Acute Respiratory Infections
 - ✓ TB

- Special Populations
 - ✓ Refugees and Internally Displaced Persons
 - ✓ International Adoption
 - ✓ Travel Medicine
 - ✓ Vulnerable Populations (Trafficking, child soldiers, child labor)
 - ✓ Disabled Persons

- Public Health
 - ✓ Major Causes of Mortality Internationally
 - ✓ Preventive Medicine
 - ✓ Injury Prevention
 - ✓ Environmental impact on communities, effect of racial segregation, location of toxic/hazardous waste sites domestically and globally

- Region Specific Health Issues
 - ✓ Latin America: Central, South American and the Caribbean
 - ✓ Africa: Northern, Eastern, Western, Central and Sub-Saharan
 - ✓ Asia: South Asia, South East Asia, Middle East & the 'Stans'