**University of Florida**  
Global Health Equity Track (GHET) Project Proposal

**Partnering Institution or Organization:** Emerging Pathogens Institute, UF

**Local Project Mentor:** Drs. Madsen Beau de Rochar, Glenn Morris  
**UF Project Mentor:** J. Glenn Morris, Jr., MD, MPH&TM

**Project title:** Cholera Transmission in Haiti

**Specific Aims:** Describe briefly your goals/ objectives for the project.
1. Gain understanding of clinical presentation/pathophysiology of cholera
2. Understand how cholera is transmitted, and participate in ongoing studies of transmission pathways
3. Learn about laboratory diagnosis of cholera, and genetic/molecular epidemiologic methods for tracking strains
4. Work on development of interventions to reduce disease load of cholera in Haiti

**Background and Significance:** Describe here the rationale for the project (why it important).
Epidemic cholera appeared in Haiti for the first time in over 100 years in October 2010. UF investigators were “on the ground” within two weeks of onset of epidemic. Current studies (funded by NIH) include work on identification of environmental reservoirs; defining transmission pathways, including transmission within families; and studies of water systems, and their potential contribution to illness.

**Preliminary Work in the Area:** Describe here any past work you or others have performed in this area.
Recent publications attached

**Project Design and Methods, including role for the student:** For a research project describe the design, setting/participants, and specific procedures. For a service project explain plan for its development and implementation.
For students: for the first summer, activities would focus on collaborative work with the current research team, learning about cholera and about Haiti. At the end of the first summer, student and mentor would develop an appropriate project for the student, linked with the core research activities, which would be undertaken in subsequent summers/elective periods, building on the student’s knowledge and clinical capabilities.

**Project Evaluation:** Describe how you will assess the impact of the proposed project.
Impact of the overall project will be assessed based on publications, and on impact on occurrence of cholera and diarrheal disease in the region of Haiti under study.

**Project Timeline:** Describe the timeline for your project development, implementation, and assessment.
Work being conducted under existing NIH grant – anticipate ongoing studies across next 3 year time frame.

**Human Subjects Protections:** Is IRB approval required? If so, please describe the process for IRB approval. IRB approval already obtained