Zambia Hub – Summer 2020 Student Opportunities
Due: Friday, January 31, 2020

Zambia Hub

To give more focus to the School's global work, we are establishing a small number of geographic hubs to increase students' skills. A consistent presence at particular sites, working with a select group of partners, will allow us to provide quality experiences and deliver on strategic themes to improve public health. For summer 2020, we are pleased to partner with UNC Global Projects Zambia, UNC School of Medicine's Office of Global Health Education and the Institute for Global Health and Infectious Diseases to offer up to seven placement opportunities for **UNC Gillings residential MPH students** and **UNC School of Medicine first year students**. We expect to award up to $5,000 per student (final amount TBD).

Position title: Developing new algorithms to improve birth outcomes

Number of positions: 1

Short project description: Limiting Adverse Outcomes in Resource Limited Settings (LABOR) is a multinational observational cohort study of 15,000 pregnant women and their fetuses/newborns. The primary objective of this study is to exhaustively document the labor, delivery, and early postpartum course of 15,000 mother-newborn pairs in settings where the occurrence of adverse birth outcomes is high. We gather detailed laboratory, physiologic, and clinical information, and precisely characterize major adverse diagnoses and outcomes. The resulting high-quality, granular, and generalizable data will be used to develop new algorithms to signal actionable intrapartum diagnoses and prospectively stratify women according to their risk for adverse maternal and neonatal outcomes.

Roles and responsibilities of student:

- Assist investigators to ensure complete and accurate intrapartum data collection. This will include work to identify gaps in existing data quality queries and quality control efforts.
- Participate in the development and implementation of a quality improvement project to address one or more of these identified gaps.
- Participate in daily LABOR study activities in Lusaka to be determined by needs on the ground. Activities may involve leading training activities, developing and implementing QC tools, reworking data collection processes, and other study activities as appropriate.

Expected outputs:
- Presentation on identified gaps in data quality and proposal for QI project
- Final presentation on quality improvement project and outcomes

Skills or experience required

- Masters student with an interest in quality improvement and quantitative data analysis
- Interest in global maternal and child health
- Proficient in Excel
- Experience with QI project implementation preferred
- Good verbal and written communication skills
- Ability to adapt to an ever changing environment
- Experience working abroad and in cross-cultural situations
- Must be organized, self-motivated, and able to work independently

In-country supervisor: Dr. Bridget Spelke (please note that the in-country supervisor may be out of the country for several weeks in July)

Location: Lusaka, Zambia

Minimum duration (minimum 8 weeks): 8 weeks

How to apply:
If you are applying to multiple positions, please do not apply until you have ALL cover letters written and ready to upload for each position.
 1. Fill-out the online application form and upload the materials below to the form:
     - Cover letter for *each position* you are applying (*If applying to multiple positions, please write a cover letter for each position*)
     - CV/Resume (*If applying to multiple positions, only upload it once*)

 2. Faculty Evaluation: Please identify a UNC Gillings faculty member who is able to evaluate you on the specific skills listed in the position description(s) you are applying for. Please tell the faculty member which position(s) you are applying for. *If applying to multiple positions, the faculty member only needs to complete one evaluation form (they will evaluate you for all your positions on one form).*

    Send the Faculty Evaluation Form link to the faculty member: https://unc.az1.qualtrics.com/jfe/form/SV_cMfN7vun0ORYWdD

Questions?
Please contact Naya Villarreal, MPH, at naya@unc.edu.