

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: Kachele: Understanding sexual and social networks among pregnant/breastfeeding women

Number of positions: 1

Short project description: The Kachele study seeks to identify the sexual social network characteristics of HIV-negative and HIV-positive pregnant/breastfeeding women to identify key drivers that may contribute to HIV transmission and prevention. This mixed methods study will collect data on the social and sexual networks of HIV-positive and HIV-negative pregnant and breastfeeding women attending antenatal care (ANC) clinics in Lusaka, Zambia. Audio computer-assisted self-interview (ACASI) and narrative interviews will be used to gather information on social and sexual networks of the participants. The structure, function, and composition of their networks will be examined using egocentric social network analysis (SNA) techniques.

Roles and responsibilities of intern:

- Participate in the mapping of relationships to demonstrate the potential risk-potential linkages and risk-protective linkages that prevent, or increase risk of HIV transmission in pregnant women.
- Contribute to the development of a report regarding how HIV treatment and prevention policies and programs may affect social networks of prevention and risk in pregnant women.

Expected outputs:

- Generate maps of networks using exponential random graph models
- Explore local HIV treatment and prevention programs in the area and create a report of their activities in the local area for the research team.
- If there is an interest, participate in future manuscript development



Skills or experience required:

- Masters-level student with a general understanding of social network analysis
- Experience with ODK 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. Kellie Freeborn

Location: Lusaka, Zambia

Minimum duration required: 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.