Temple University
College of Public Health

Research assistant(s) in infectious disease epidemiology

The Wiens Lab in the Department of Epidemiology and Biostatistics at Temple University is looking for 1-2 research assistants with strong quantitative and coding skills to contribute to 1-2 research projects focused on cholera epidemiology and modeling.

Job and project summaries:

The first project involves building a chain-binomial statistical transmission model using data from case-ascertainment studies to estimate secondary attack rates following exposure to household members that are infected with *Vibrio cholerae*, the bacterium that causes cholera. The research assistant will work closely with Dr. Kirsten E. Wiens (project PI) to conduct data cleaning and contribute to model building in the R statistical programming language.

The second project involves conducting a random-effects meta-analysis of data from studies that have been collected as part of a systematic review to estimate the proportion of individuals that seek care medical care when they have diarrhea. The research assistant will work closely with Dr. Kirsten E. Wiens (project PI) to conduct data cleaning, contribute to model building in the R statistical programming language, and conduct analyses. The research assistant may also help with eligibility screening, data extractions, and data quality and study bias assessments.

Qualifications:

- Proficiency in R.
- Strong quantitative and analytical skills.
- Experience building statistical models.
- Familiarity with version control systems like Git preferred.
- Ability to work independently and as part of a team.

To apply: Submit 1) your CV or resume, 2) a cover letter describing your interest in this position and qualifications, 3) a sample of code written for a previous project, and 4) contact information for three references to Dr. Kirsten E. Wiens at kirsten.wiens@temple.edu.