The Department of Biostatistics is currently searching for a motivated individual to fill a two-year, renewable post-doctoral position to develop and implement advanced, innovative statistical methods for infectious diseases, specifically Tuberculosis (TB). The fellow will be mentored by Laura F. White and W. Evan Johnson. Opportunities exist to work with other faculty in the Biostatistics Department and Section on Infectious Diseases at Boston Medical Center, as well as throughout the School of Public Health.

The successful applicant is expected to have a strong quantitative background and good statistical computing skills. The applicant will have the opportunity to participate actively both in collaborative research projects and methodological research. The work will involve developing novel methods for understanding TB transmission, resistance, and epidemiology, as well as working with TB host and pathogen genomics data in a highly collaborative research setting. The position also has potential for teaching opportunities within the Department of Biostatistics for interested applicants. Successful applicants are highly motivated, dependable, and have excellent communication and writing skills.

The Department of Biostatistics is comprised of 29 full-time faculty, who are internationally recognized for their innovation in research and scholarship in various areas of biostatistics including clinical trials, surveillance, infectious disease modeling, longitudinal studies, statistical genetics, Bayesian statistics and risk prediction. Biostatistics faculty play leading roles in several large clinical trials and observational studies such as the renowned Framingham Heart Study, Long Life Family Study, and the Black Women’s Health Study. Their work has contributed new knowledge on genetic and non-genetic factors for cardiovascular disease, dementia and Alzheimer's disease, osteoporosis and arthritis, nutritional epidemiology, healthy aging and extreme longevity. Many of these findings have been effectively translated into current clinical practice. The department has a rich collaborative environment. It hosts both seminars on broad statistical topics as well as more focused seminars in clinical trials and statistical genetics. BUSPH is ranked as a top 10 School of Public Health and Boston is in the top 10 Best Places to Live by US News.

Candidates should hold a PhD or equivalent doctoral degree in statistics, biostatistics, or mathematics. Applications will be considered until the position is filled. We offer competitive salary and benefits.

Interested applicants should send their curriculum vitae, a cover letter detailing research experience and potential mentors among the Biostatistics faculty, and contact information for three references to bio-recruit@bu.edu.

Boston University is an Equal Opportunity Employer.