Research Assistant Faculty Position in Biostatistics

The Department of Biostatistics at the Boston University School of Public Health is excited to announce a new Research Assistant faculty position to start in Spring or Summer 2022 to develop and implement advanced, innovative statistical approaches for analysis of genetics and genomics data with a focus on complex disease. We are particularly interested in applicants who have experience with methods and analysis of big data, especially genetics and genomics datasets.

The Department of Biostatistics believes that the cultural and social diversity of our faculty, staff, and students is vitally important to the distinction and excellence of our research and academic programs. We seek a colleague who will support our institutional commitment to ensuring that BU is inclusive, equitable, diverse, and a place where all constituents can thrive. BU is an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud to be the first American university to award a Ph.D. to a woman, and we continue our tradition of educating a diverse and talented student body. The Boston University School of Public Health pursues a detailed plan for fostering a diverse and inclusive community recognizing that diversity of experience deepens the intellectual endeavor.

The Department of Biostatistics is comprised of 30 faculty, who are internationally recognized for their innovation in research and scholarship in a diverse range of areas of biostatistics including statistical genetics, clinical trials, surveillance, longitudinal studies, Bayesian statistics and risk prediction. Biostatistics faculty play leading roles in several large observational studies with genetic data such as the renowned Framingham Heart Study, and the Black Women's Health Study. Their work has contributed new knowledge in the fields of cardiovascular disease, dementia and Alzheimer's disease, osteoporosis and arthritis, nutrition, healthy aging and extreme longevity. Many of these findings have been effectively translated into current clinical practice.

The department has a large and successful graduate program (PhD and MS in Biostatistics), an MS in Applied Biostatistics, and a Summer Institute in Biostatistics (SIBS) for undergraduates.

Position Qualifications. Candidates should hold a PhD or equivalent doctoral degree in statistics, biostatistics, human genetics, data science, or bioinformatics, with strong computing skills. Successful applicants are highly motivated, dependable, have a demonstrated research record, the ability to conduct efficient and reproducible analyses, have excellent communication and writing skills, and a strong desire to work in a team setting. Strong programming skills are required in R and/or SAS. Additional background with high-level programming languages such as Python, and experience with Linux cluster computing environment is strongly preferred. Successful applicants will participate actively both in collaborative research projects and applied methodological research in the area of genetics and genomics of blood lipid levels, diabetes and Alzheimer's disease. The position also has potential for teaching opportunities for interested applicants.

Applicants should provide their curriculum vitae; a cover letter; a research statement describing their research interests and previous experience; and a diversity statement that details how their research and mentoring will promote diversity and inclusivity at our school; and three letters of reference at https://academicjobsonline.org/ajo/jobs/19697.

Application review begins November 1, 2021 and will continue until the position is filled.

Boston University is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.