



## **Post-doctoral Associate, Department of Biostatistics, Boston University School of Public Health**

Two-year, renewable post-doctoral position to develop and implement advanced, innovative statistical methods to investigate the role of circulating immune cells across the spectrum of cognitive aging within a longitudinal population-based cohort. The funded project will identify circulating immune cell phenotypes that are risk factors for incident dementia and cognitive aging defined with neuropsychological testing and brain MRI scans. In addition, the study will test whether associations differ by genetic risk and investigate whether vascular factors increase susceptibility to cognitive aging. We are particularly interested in applicants who have experience and interest in: cognitive aging, immune function, missing data, trajectory and longitudinal data analyses; and cardiovascular disease phenotypes. However we will consider qualified applicants with experience in other related research areas.

The successful applicant is expected to participate actively both in collaborative research projects and applied methodological research. The work will involve close collaboration with Biostatistics faculty as well as senior investigators working with the Framingham Heart Study. The position also has potential for teaching opportunities for interested applicants. Successful applicants are highly motivated, dependable, and have excellent communication and writing skills. 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.

The Department of Biostatistics believes that the cultural and social diversity of our faculty, post-docs, staff, and students is vitally important to the distinction and excellence of our research and academic programs. We are eager to have join our ranks a colleague who supports our institutional commitment to ensuring BU is inclusive, equitable, diverse, and a place where all constituents can thrive. The School of Public Health actively seeks to enrich its student, post-doc, and faculty ranks, recognizing that diversity of experience deepens the intellectual endeavor. We seek to embed—within our curricular and co-curricular activities—the principle that pluralism within a learning community is a source of insight and effectiveness.

Candidates should hold a PhD or equivalent doctoral degree in statistics or biostatistics. Applications will be considered until the position is filled.

Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud that we were the first American university to award a Ph.D. to a woman and we continue that tradition of educating a diverse and talented student body. The School of Public Health takes the University's commitment even further with its own detailed plan for fostering a diverse and inclusive community.

Interested applicants should send their *curriculum vitae*, a cover letter detailing research experience and how they will contribute to our goals to engender a more inclusive and diverse school, and contact information for three references to [bio-recruit@bu.edu](mailto:bio-recruit@bu.edu).

Boston University is an equal opportunity employer. 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.