

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

Two-year, renewable post-doctoral position to work in the areas of infectious disease modeling (specifically applied to tuberculosis and COVID-19) and/or surveillance and monitoring of substance use disorders. The successful applicant will be part of a team of biostatisticians, epidemiologists, and clinician researchers, with primary mentoring by Dr. Laura White.

This position will allow for the development and implementation of advanced, innovative statistical and machine learning approaches in one or both of these areas of application. Additionally the position will allow for mentoring and supervision of doctoral and or MS students. We are particularly interested in applicants who have experience with large administrative datasets, machine learning methods, Bayesian statistics, and/or infectious disease modeling. However, we will consider qualified applicants with relevant and related training and interest in these areas. A PhD or equivalent in statistics, biostatistics, or related field, with good computing skills is required.

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. Experience with Linux cluster computing environment is strongly preferred.

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

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.

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 [lfwhite@bu.edu](mailto:lfwhite@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.



## **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 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. 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 in the area of genetics and genomics of diabetes and Alzheimer's disease. Participation in large consortium studies provides rich data (phenotype, sequencing and 'omics) and opportunities for broad networking and collaboration. 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.

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

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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 Josée Dupuis ([dupuis@bu.edu](mailto:dupuis@bu.edu)) with the subject line "Post-doctoral Associate."

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

**Position Information.** Two-year, renewable post-doctoral position to work in the areas of statistical genetics and genomics. This position will allow for the development and implementation of innovative statistical and machine learning approaches for analysis of genetics and genomics data. We are particularly interested in applicants who have experience with methods and analysis of big data, especially genetics and genomics datasets. 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 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.

Candidates should hold a PhD or equivalent doctoral degree in statistics, biostatistics, or closely related quantitative fields with strong computing skills. Applications will be considered until the position is filled.

**Institution Information.** 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.

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**Application.** Interested applicants should send the following materials to Dr. Ching-Ti Liu ([ctliu@bu.edu](mailto:ctliu@bu.edu)) with subject line "*Application for Postdoctoral Associate Position: [Your Name]*": curriculum vitae, a cover letter detailing research experience, career goal, and how they will contribute to our goals to engender a more inclusive and diverse school, and contact information for three references.

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