

General Description: Non-tenure track **faculty** position, **Research Associate** candidate will devote primary effort to collaborations in neuroscience and neuroimaging research, and secondary effort to statistical consultation within the Johns Hopkins Biostatistics Center. An 80%/20% allocation of primary / secondary roles is envisioned.

In the primary project, the candidate will work under the supervision of a department faculty member who directs neuroimaging research and will support methodological and statistical applications in this substantive area. Data being collected will be related to neuroimaging, basic neuroscience, psychological, behavioral, social measurements, and wearable technology.

In the secondary role, the candidate will provide biostatistical consultations to researchers at the Johns Hopkins Bloomberg School of Public Health, Johns Hopkins Medical Institutions, and external organizations. These consultations range from short in-person sessions to longer-term projects and focus on study design, sample size justification, reviewing of statistical approaches, data management, data visualization, programming, statistical analysis, reporting, and development of software, apps, or dashboards. Project-related final products generally include conference abstract submissions, grant applications, study-specific reporting, and scientific manuscripts. The candidate is expected to work as part of a team of data managers and biostatisticians in the center. They will also regularly interact and collaborate with a broader community of consultative statisticians in the institution and will have access to a variety of data sources, exposure to a broad range of substantive and methodological problems that address scientific and societal challenges.

The appointment is primarily in the Johns Hopkins Department of Biostatistics, founded in 1918, as the first degree-granting department of statistical science in the US and has ranked among the world's best throughout its history. We are located in Baltimore, a multi-ethnic city with a thriving cultural life and a rich history that is older than the nation, a food-lover's paradise, and close to Washington DC, Philadelphia, and New York City. Johns Hopkins University has a deep commitment to diversity, equity, and inclusion.

Benefits include professional development opportunities, including continuing education courses and materials, tuition remission, travel to conferences.

Required Qualifications:

- PhD degree, or Master's with at least 2 years of experience in applied statistics and/or data science disciplines such as biostatistics, computational biology, computer science, epidemiology, health informatics, as well as other quantitative data-intensive fields;
- Proficiency in statistical programming in R;
- Experience analyzing modern, large-scale data;
- Experience contributing to open-source software projects;
- Adapt quickly to new problems and challenges;
- Willingness to stay current with latest data science tools and learn new statistical techniques as needed;
- Commitment to translating data science research into real-world impacts;

- Demonstrated excellence in statistical consulting and cross-disciplinary collaboration;
- Effective team player and ability to work independently;
- Excellent oral and written communication skills

Preferred Skills:

Proficiency in other statistical software programs (in addition to R), such as STATA or SAS

Should you have any questions regarding this position, please direct your inquiries Dr. Brian Caffo (bcaffo1@jhu.edu) and about the Johns Hopkins Biostatistics Center to Dr. Gayane Yenokyan, gyenoky1@jhu.edu or Ms. Jiangxia Wang, jwang135@jhu.edu

To Apply

Submit cover letter and CV/resume to <http://apply.interfolio.com/122246>

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