Postdoctoral Position Opening in Statistical Genetics

Company Information
The Johns Hopkins University is an equal opportunity/affirmative action employer. The Johns Hopkins Bloomberg School of Public Health is the largest school of public health, and ranked number 1 by U.S. News & World Report since 1994. For more details, visit [https://www.jhsph.edu/](https://www.jhsph.edu/).

Position
Dr. Debashree Ray is seeking to hire a postdoctoral fellow in statistical genetics (available to start immediately) for a National Institutes of Health (NIH) funded study of genetic determinants of type 2 diabetes and its biomarkers. The successful applicant is expected to work as part of a team to achieve common goals. Details on Dr. Ray’s most recent research in statistical genetics and genetic epidemiology are available at her website ([https://sites.google.com/view/debashree/](https://sites.google.com/view/debashree/)).

Duties and Responsibilities
The successful applicant will primarily work on development of statistical methods and open-source software/tools in human genetics, with a focus on multi-ancestry, multi-omics, multi-trait research of complex diseases. The applicant will also conduct large-scale data analyses of genetic epidemiologic studies of type 2 diabetes, with the opportunity to work in other disease areas if interested. The applicant will receive one-on-one mentorship from Dr. Ray to help achieve their short- and long-term career goals. The applicant is expected to write multiple peer-reviewed manuscripts as first author; and will be encouraged to present their work in national conferences, and gain teaching/mentoring skills through regular journal clubs and team meetings.

This is a 2-year training position in the Department of Epidemiology (Johns Hopkins Bloomberg School of Public Health), with possibility of extension subject to satisfactory performance and availability of funding. The applicant will get to collaborate not only within the Department of Epidemiology but also with Dr. Ray’s collaborators in the Department of Biostatistics. There will be opportunities to interact with other trainees and faculty through the Statistical Genetics working group ([http://www.jhustatgen.net/](http://www.jhustatgen.net/)).

Position Qualifications
Candidates with Ph.D. or equivalent degree (must receive degree by summer 2022) in statistics, biostatistics, epidemiology, computational biology, bioinformatics, or a closely related quantitative field are encouraged to apply. Preference will be given to candidates who can join soon. Successful candidates will have:

- strong research interest in statistical genetics and genetic epidemiology,
- demonstrated ability to lead statistical methodology research,
- demonstrated computational skills and ability to code in one or more scientific programming languages (e.g., R, Python, C/C++),
- demonstrated ability to conduct efficient and reproducible data analyses,
- ability to work in a collaborative environment, and
- strong communication & writing skills.

Women and members of minority groups are encouraged to apply.

**Salary & Benefits**
Competitive annual salary (NIH-level minimum will be ensured) and benefits such as health insurance and tuition are provided. Further information on postdoctoral fellowships at Johns Hopkins can be found at [https://publichealth.jhu.edu/academics/academic-program-finder/postdoctoral-programs](https://publichealth.jhu.edu/academics/academic-program-finder/postdoctoral-programs).

**Application Instructions**
To apply, please email the following to Dr. Ray ([dray@jhu.edu](mailto:dray@jhu.edu)) with subject line “Ray StatGen Postdoc 2022”:
- a cover letter describing research interests, career goals, prior experience, and how this position is a right fit for you
- a curriculum vitae
- a writing sample (e.g., a published paper or a preprint or a manuscript draft)
- names and contact information of 2-3 references.

*Applications will be reviewed on a rolling basis starting immediately until position is filled.*