

Opening for Postdoctoral Position in Genetic Epidemiology / Statistical Genetics

Description of position: Dr. [Genevieve L. Wojcik](#) is seeking to hire a postdoctoral fellow for a National Institute of Health (NIH) funded study of the role of genetic ancestry in the estimation and transferability of genetic risk for human health. A successful application will primarily work on the development of statistical methods and analytical frameworks to better understand the role of ancestry and population-specific epidemiology in genome-wide association studies, as well as the development and validation of polygenic risk scores (PRS), with a focus on diverse admixed populations. The applicant will have the opportunity to work with large-scale diverse datasets through with the [Population Architecture using Genomics and Epidemiology \(PAGE\) Study](#) and the newly formed [Polygenic Risk MEthods in Diverse populations \(PRIMED\) Consortium](#). The postdoctoral fellow will be expected to write multiple peer-reviewed manuscripts as first author and will be encouraged to present their work in national conferences. In addition to receiving one-on-one mentorship from Dr. Wojcik to help achieve their short- and long-term goals, the postdoctoral fellow will have the opportunity to participate in grant writing and/or apply for independent grants/funding.

This is a 2-year training position in the [Department of Epidemiology](#), with possibility of extension subject to satisfactory performance and funding availability. The applicant will get to collaborate not only within the Department of Epidemiology but also with Dr. Wojcik's collaborators in the Department of Biostatistics and at other institutions through the aforementioned collaborative consortia. There will be opportunities to interact with other trainees through the [Statistical Genetics working group](#). 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 <http://www.jhsph.edu/academics/postdoctoral-training>.

Qualifications: Candidates with Ph.D. or equivalent degree in epidemiology, population genetics, computational biology, biostatistics, statistics, bioinformatics, or a closely related quantitative field are encouraged to apply. Successful candidates will have:

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

Applications will be reviewed on a rolling basis starting December 2021 until position is filled. To apply, please email the following to Dr. Wojcik (gwojcik@jhu.edu) with subject line "*Wojcik Postdoc*":

- a cover letter describing research interests, career goals, and prior experience
- a curriculum vitae
- a writing sample, if any (e.g., a published paper or a preprint or a manuscript draft)
- names and contact information of 2-3 references

The Johns Hopkins University is an equal opportunity/affirmative action employer. There is no citizenship restriction for this position. Women and members of minority groups are encouraged to apply.