Postdoctoral Research Position in Statistical Genetics and Genomics

Position Details

Title
Postdoctoral Research Position in Statistical Genetics and Genomics

School
Harvard T.H. Chan School of Public Health

Department/Area
Biostatistics

Position Description
Postdoctoral Research Fellow position in statistical genetics and genomics is available at Harvard T. H. Chan School of Public Health. This position involves developing and applying statistical and machine learning methods for analysis of high-throughput genetic and genomic data, including large scale Whole Genome Sequencing association studies, integrative analysis of genetic and genomic data, high-dimensional phenotype analysis, causal mediation analysis and Mendelian Randomization, Polygenic risk scores, and analysis of biobanks. We seek an individual with strong statistical, computing, and genetic backgrounds and who has expertise in statistical and computational methods for big data, statistical genetics and genomics. The work will involve both methodological research with department faculty and collaboration with subject matter researchers and investigators in large consortia.

Basic Qualifications
Ph.D. in a quantitative field, e.g., statistics or biostatistics, computer sciences, strong quantitative research background, statistical and programming proficiency, strong genetic knowledge, as well as good written and oral communication skills.

Additional Qualifications

Administrative questions regarding this position can be sent to Susan Luvisi at biostat_postdoc@hsph.harvard.edu.

Scientific questions regarding this position can be sent to Xihong Lin at xlin@hsph.harvard.edu.

Contact Information
Susan Luvisi

Contact Email
biostat_postdoc@hsph.harvard.edu

Equal Opportunity Employer
We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.

Minimum Number of References Required
3

Maximum Number of References Allowed
5

Keywords

Supplemental Questions

Required fields are indicated with an asterisk (*).

Applicant Documents

Required Documents
1. Curriculum Vitae
2. Cover Letter

Optional Documents