

Postdoctoral Fellowship in Computational Genomics at The Johns Hopkins University

A postdoctoral position is available in the Department of Biostatistics, Johns Hopkins University Bloomberg School of Public Health. This postdoctoral fellow will work with Dr. Hongkai Ji to develop novel statistical and computational methods and software tools for analyzing high-throughput functional genomic data, including ChIP-seq, DNase-seq, RNA-seq and massive amounts of gene expression data in Gene Expression Omnibus. He/she will also participate in collaborative projects to apply the methods to study stem cell differentiation and/or gene regulation in human cancers. Dr. Ji's research group is part of the Center for Computational Biology. The research interest of Dr. Ji's group and information on the center can be found at <http://www.biostat.jhsph.edu/~hji/> and <http://genomics.jhu.edu/>. Both the Department of Biostatistics and the Center for Computational Biology provide a highly dynamic and supportive environment for junior investigators to grow and develop their future career.

Qualifications:

The ideal applicant should have

1. A PhD degree in computer science, statistics, biostatistics, bioinformatics, computational biology, biomedical engineering, applied mathematics or other related fields with strong quantitative training.
2. Strong programming skills both in C/C++ (or other similar languages such as Python) and in a statistical language (R or MATLAB) are required. Knowledge on building databases and web applications is a plus.
3. A publication record in computational biology, bioinformatics, genomics or related fields.
4. Creativity, enthusiasm, and good communication skills.

How to Apply:

Interested applicants should email curriculum vitae and at least two recommendation letters (with contact information) to Dr. Hongkai Ji (hji@jhsph.edu). Applications will be considered until the position is filled. The Johns Hopkins University is an Affirmative Action / Equal Opportunity Employer. There are no citizenship restrictions for this position.