Biostatistics Postdoctoral Fellow Position(s): University of Pennsylvania Perelman School of Medicine

The Division of Biostatistics at the Perelman School of Medicine, University of Pennsylvania invites applications for up to 2 post-doctoral fellow positions under the supervision of Dr. Qi Long. The position is open until filled and the appointment is for two years, with a possible extension for a third year. The successful candidate(s) will have opportunities to work on methodology projects a) in analysis of big biomedical data, with applications to electronic health records (EHRs) data, omics data (including gene expression data, SNP data, and metabolomics data etc.), and mobile health data, and b) in causal inference and missing data with a focus in analysis of EHRs data. The successful candidate will also have opportunities to conduct collaborative research in areas such as cancer. Publications in peer-reviewed journals and presentations at scientific meetings are expected and encouraged.

More information about our ongoing research can be found on our research group website, group-qilong.rhcloud.com/.

Position Qualifications: Ph.D. degree in biostatistics, statistics, or related quantitative fields. Strong methodological and theoretical training in statistics, excellent programming skills in R/Matlab/Python and possibly one lower level computer language such as C/C++, and excellent written and oral communication skills are desirable. Expertise and experiences in one or more of the following areas are preferred: integrative analysis of big biomedical data (EHRs and –omics data), causal inference methods, and missing data methods particularly for analysis of EHRs.

Application Instructions: Applicants should email a brief statement of research interest, CV, and contact information (email and phone) for three references to Dr. Qi Long, qlong@upenn.edu (Subject line: Long postdoc, 2017).