The Department of Biostatistics, Epidemiology and Informatics (DBEI) at the Perelman School of Medicine (PSOM) at the University of Pennsylvania seeks excellent candidates for postdoc fellows.

The fellow will join Dr. Jinbo Chen’s research group and the Statistical Center for Translational Research in Medicine which is a key hub of translational Biostatistics at Penn PSOM. The successful candidate will develop statistical and machine learning methods for addressing statistical challenges that arise from large scale biomedical studies, including, but not limited to, data heterogeneity, incomplete data, high-dimensionality, and integration of multiple data sources. The initial projects will be focused on a range of novel methodological issues for analyzing electronic health records (EHRs) data, claims data, and biobank data, including EHR phenotyping, EHR based risk prediction, EHR based translational studies and implementation science, and integration of EHR data with genetic and imaging biomarkers derived from Penn Medicine Biobank. He/she will have rich opportunities to collaborate on translational biomedical research conducted in Penn Institute for Translational Medicine and Therapeutics, Penn Center for Precision Medicine and beyond. Mentoring and support will be provided for developing an independent research program through writing peer-reviewed publications in theoretical and applied biostatistics methodology and participate in grant applications. He/She will also collaborate with other post-doctoral researchers and graduate students in Dr. Jinbo Chen’s group on methodology research. This length of the position is two to three years.

Applicants are expected to have a Ph.D. degree in Statistics or Biostatistics, have strong training in statistical theory, have excellent programming skills preferably in R/Matlab/Python, and have excellent oral and written communication skills.

We offer competitive salary for this position. Medical insurance by University of Pennsylvania and paid vacation will be provided. Please send CV and names of three referees to Dr. Jinbo Chen by March 15, 2021. The University of Pennsylvania is an EOE.