Position Title: Postdoctoral Research Fellow

Duties and Responsibilities: Applications are invited for candidates with a Ph.D. in biostatistics, statistics, or a related quantitative field for Postdoctoral Research Fellow positions within the Department of Biostatistics, Epidemiology and Informatics, Perelman School of Medicine, at the University of Pennsylvania. The postdoctoral fellows will join Dr. Sharon Xie’s research lab and Penn Alzheimer’s Disease Center Biostatistics and Bioinformatics Core (https://www.med.upenn.edu/adcc/). The fellows can start any time after January 1, 2021. The fellows will be primarily mentored by Dr. Sharon Xie, but are expected to work with a group of excellent statisticians, informaticians, neurologists, neuroscientists, and neuropathologists in the Penn Alzheimer’s Disease Center. The length of postdoctoral positions are flexible and can range from two to three years. The positions primarily involve developing novel statistical methods to address many challenges of analyzing Alzheimer’s disease and related dementia data, which is a fast growing area. Methodological areas of interest include missing data, high-dimensional data/big data, measurement error, survival analysis, longitudinal data, machine learning, electronic health record data, and other statistical areas that are challenging. In addition, the fellows are expected to work on collaborative projects to gain experience and produce publications in medical journals. The fellows will have many opportunities to identify their own research projects of interest through working on real-world problems. The positions are funded via Dr. Xie’s R01 grant and other National Institute of Health research grants including Penn Alzheimer’s Disease Center grant. Sharon Xie's website is http://www.dbei.med.upenn.edu/bio/sharon-xiangwen-xie-phd

Position Qualifications: Required qualifications: Doctoral degree in biostatistics, statistics, or a related quantitative field. Strong methodological and theoretical training in statistics. Excellent communication skills (written and oral).

Salary Range: Competitive

Benefits: Medical insurance by University of Pennsylvania and paid vacation.

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Application Information: Submit CV, research statement, and contact information (email and phone) for three references to Dr. Sharon Xie, sxie@upenn.edu.

Contact Email: sxie@upenn.edu