Postdoctoral Research Associates at UW-Madison

Multiple postdoctoral positions are available at the **University of Wisconsin-Madison**. The candidates will work with professor Moo K. Chung (www.stat.wisc.edu/~mchung) on developing new innovative statistical and machine learning methods in modeling large-scale **brain networks** obtained from magnetic resonance imaging (MRI). Candidates should be familiar with one of areas: Bayesian statistics, functional data analysis, spatial statistics, topological data analysis, dynamical models, time series data, network science, graph theory, convex optimization or deep learning.

Candidates should have received or expected to receive PhD degree or equivalent in mathematics, physics, CS, EE, statistics, biomedical engineering, psychology, neuroscience or related areas. Previous imaging research experience is a plus but not necessary but programming skill is a must. Interested candidates should email CV (with the name of references) and representative papers to mkchung@wisc.edu. There is no deadline for the positions and we are hiring year round. However you should apply for the position immediately for chance. The following are two recent publications from our group: Topological learning on networks (Annals of Applied Statistics: arXiv: 2012.00675), Hodge Laplacian for higher order network connectivity (IEEE Transactions on Medical Imaging: arXiv:2110.14599).