



Postdoctoral Research Associates at UW-Madison

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 for understanding brain function and structure using methods in one of areas: Bayesian methods, functional data analysis, spatial statistics, topological data analysis, dynamical models (time series data), network science and deep learning. The brain image and network data obtained from MRI/fMRI/dMRI will be used for the project.

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 beyond scripting is a must. Interested candidates should email CV (with the name of references) and representative papers to Moo K. Chung (mkchung@wisc.edu). There is no deadline for the positions but the position should be filled immediately. The following are two recent publications from our group (topological learning on networks: [arXiv: 2012.00675](https://arxiv.org/abs/2012.00675), Hodge Laplacian for higher order network connectivity: [arXiv:2110.14599](https://arxiv.org/abs/2110.14599)).