



Postdoctoral Research Associates at University of Wisconsin-Madison

Postdoctoral positions are available for dynamically changing large-scale network modeling project at the University of Wisconsin-Madison. The candidates will work with professor Moo K. Chung (www.stat.wisc.edu/~mchung) on developing new innovative computational, statistical and machine learning methods for large-scale brain networks obtained from fMRI and DTI scanners that are dynamically changing over time. 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 neuroimaging research experience is a plus but not necessary. The candidates are expected to have emerging track records of publishing in journals and conferences, strong analytic and writing skills and capable of working within a collaborative environment. Expertise in the following areas would be useful but not critical: **large-scale computation** (matrices), **dynamic models** (time series), **topological data analysis**, **deep learning** (Boltzmann machine), **prediction models** (recurrent neural networks). Interested candidates should email CV (with the name of references) and representative papers to Moo K. Chung (mkchung@wisc.edu). There is no closing date but qualifying candidates will be hired immediately.