Multiple postdoctoral positions are available at the Department of Biostatistics and Medical Informatics, University of Wisconsin-Madison. The candidates will work with professor Moo K. Chung (www.stat.wisc.edu/~mchung) on developing new innovative methods in one of areas: persistent homology, network sciences, manifold learning on symmetric spaces and Boltzman machine based learning. The developed method will be applied to either dynamically changing large-scale brain networks or cortical brain surfaces obtained from magnetic resonance images. 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 Moo K. Chung (mkchung@wisc.edu). There is no deadline for application and the position can start in the summer or fall of 2022. The following are two recent publications from our group (topological learning on networks: arXiv: 2012.00675, Hodge Laplacian for higher order network connectivity: arXiv:2110.14599).