University of Pennsylvania Perelman School of Medicine: postdoctoral fellowships

Postdoctoral fellowships are available in imaging statistics as part of the Penn Statistical Imaging and Visualization Endeavor (PennSIVE). PennSIVE is a group of statisticians interested in the study of disease and development through biomedical imaging at the University of Pennsylvania Perelman School of Medicine. This fellowship centers on the development of statistical methodology for the study of structural magnetic resonance imaging. Applicants should have a PhD in biostatistics or statistics, an established methodological research publication record, experience with advanced statistical computation, and excellent communication skills. Expertise in biomedical imaging is also recommended.

Additionally, a joint postdoctoral fellowship between the departments of Biostatistics (Dr. Taki Shinohara) and Psychiatry (Dr. Desmond Oathes) at the University of Pennsylvania is seeking applicants who are willing to learn and to help develop statistical models for functional MRI data acquired in the context of non-invasive neuromodulation. We plan to study predictors of TMS response, change before and after neuromodulation, and better understand how acute and prolonged modulation protocols induce neural plasticity. We prefer individuals who have a PhD in a related field and with methodological research publications as well as experience with statistical computation. Communication skills are also prioritized given that the applicant will learn and share resources across labs and will be encouraged to write papers, grants and to give scientific presentations.

Please forward a curriculum vitae to Taki Shinohara by email (rshi@upenn.edu) to apply. Applications will be accepted until the position is filled.