

## STATISTICS/NEUROIMAGING POST-DOCTORAL POSITION

Department of Statistics  
Program in Neuroscience  
Indiana University

The Department of Statistics is currently recruiting a postdoctoral fellow interested in neuroimaging statistics, quantitative neuroimaging, and/or computational statistics. Responsibilities include the development and dissemination of statistical methodology, software development, and application to studies of developmental diseases (autism, ADHD) and neurodegenerative diseases (ALS or Lou Gehrig's disease, Alzheimer's disease). The fellow will work as part of a cross-disciplinary collaborative team involving researchers at Johns Hopkins University, the Kennedy Krieger Institute, CUNY, and the University of Utah.

The fellow will work on statistical methodology related to one or more of the following imaging modalities:

- Resting state functional MRI
- Task-based functional MRI
- Cortical surface/grayordinates fMRI
- Diffusion tensor imaging
- Structural MRI

The minimum qualifications for a successful candidate include:

- Completed Ph.D. in statistics, biostatistics, quantitative neuroimaging, or related fields
- Strong skills in applied statistical methods development
- Strong programming skills in R and/or MATLAB
- A strong publication record

Experience with neuroimaging data, Bayesian methods, and spatial or time series analysis are also desirable.

If interested, please submit (1) a CV, (2) cover letter, and (3) contact information for three references to Dr. Amanda Mejia ([afmejia@iu.edu](mailto:afmejia@iu.edu)). Applications will be considered on a rolling basis.