

Biostatistics / NEUROIMAGING POST-DOCTORAL POSITION

S.M.A.R.T. working group

Department of Biostatistics

Johns Hopkins Bloomberg School of Public Health

Center for Neurodevelopmental and Imaging Research

Kennedy Krieger Institute

Johns Hopkins School of Medicine

The Statistical Methods and Applications for Research in Technology (SMART) working group in the Department of Biostatistics and the Center for Neurodevelopmental and Imaging Research (CNIR) at Kennedy Krieger Institute is currently recruiting a post-doctoral fellow interested in quantitative neuroimaging for identifying and/or characterizing abnormalities in the neural substrates of fundamental cognitive processes, as related to developmental disorders (e.g., ADHD and Autism). The fellow will work and be mentored as part of a multidisciplinary team by the SMART group under Dr. Brian Caffo and Dr. Martin Lindquist and Dr. Stewart Mostofsky at CNIR.

The fellow will work on statistical methodology across a broad range of modalities and measurements including:

- resting state functional MRI
- task-based functional MRI
- movement analysis (i.e. Kinect-based motion tracking)
- diffusion tensor imaging
- anatomic MRI (i.e. surface-based analysis, large deformation diffeomorphic metric mapping)

The minimum qualifications for a successful candidate include:

- completed PhD in biostatistics, statistics or quantitative neuroimaging
- prior neuroimaging experience
- strong skills in applied statistical methodology development and programming
- programming experience in Matlab and R

If interested, please contact Dr. Brian Caffo ([bcaffo@gmail.com](mailto:bcaffo@gmail.com))