Post-Doctoral Research Associate or Research Scientist - Infant Longitudinal Neuroimaging

Emory’s Marcus Autism Center and the GSU/Georgia Tech/Emory Center for Translational Research in Neuroimaging and Data Science (TReNDS) are seeking talented postdoctoral fellows or Research Scientists interested in applying cutting edge analytic tools to the study of human brain development in very early infancy. Jointly led by Dr. Vince Calhoun (Director of TReNDS) and Dr. Sarah Shultz (Director of the Pediatric Neuroimaging Research Core at Marcus Autism Center), our work leverages novel analysis tools to understand the neural correlates of social cognition in infancy and how brain development may unfold differently in Autism Spectrum Disorder.

Under the guidance of Drs. Calhoun and Shultz, the candidate will develop new and innovative tools for longitudinal infant brain research and leverage these tools to chart the development of infant structural and functional brain networks in early infancy. The candidate will work with a large sample of diffusion and functional resting-state data collected from infants at low- and elevated-likelihood for Autism Spectrum Disorder and will collaborate with an interdisciplinary team of MRI scientists, engineers, developmental neuroscientists, and clinical psychologists, all focused on improving early detection and treatment of Autism Spectrum Disorder.

The initial term of the position is two years, with the possibility of extension and/or conversion into a tenure-track faculty position contingent upon performance and the availability of funding.

Job Specifications
Required: Ph.D. in a related field is required

Preferred:
- Experience processing neuroimaging (e.g. fMRI, diffusion, and structural MRI) data
- Brain imaging expertise, particularly pediatric neuroimaging
- Experience with Matlab and Python

How to Apply

Please send resumes/CVs to sarah.shultz@emory.edu

Application review will begin immediately and continue until the position is filled.