



CENTER FOR FUNCTIONAL AND MOLECULAR IMAGING
GEORGETOWN UNIVERSITY MEDICAL CENTER



Research Assistant Position in Functional Neuroimaging

The Center for Functional and Molecular Imaging (CFMI) located in the Georgetown University Medical Center, is looking to hire a full-time research assistant with a strong interest in cognitive and computational neuroscience and brain imaging.

CFMI is a fully equipped research imaging center with a 3T Siemens MRI system, a near-infrared spectroscopy optical imaging systems, a high-density EEG (256 channels), fMRI-compatible EEG, and a transcranial magnetic stimulator. Our investigators are conducting a number of studies examining the neural mechanisms of language, perception, developmental disorders, decision making and reward processing, substance abuse, and brain plasticity.

This position will involve being trained to run our MRI scanner, working on data analyses, and interacting with a wide variety of participant populations including children with autism and other neuropsychiatric disorders as well as individuals with strokes and mild cognitive impairment. Some specific requirements include:

- Bachelor's degree required upon start date
- Requires some experience collecting data with human subjects/working in a research environment
- Programming and/or scripting experience preferred (bash, python, and/or Matlab)
- Experience with MRI / fMRI preferred but not necessary
- Working in a team environment

Major projects that will be undertaken in the lab include working a pre- vs post-Prisma upgrade comparison paper, setting up real-time fMRI system, and implementing cloud computing solutions for neuroimaging data analyses.

If interested please email Rachel Schroeder at ras370@georgetown.edu, subject line "Research Assistant Application", with a CV or resume, cover letter, and list of 2-3 references