

## Research Technician at Harvard MGH's Dickerson Neuroimaging Lab

The [Dickerson Lab](#) is looking to hire a Research Technician.

### **GENERAL SUMMARY/ OVERVIEW STATEMENT:**

The MGH Frontotemporal Disorders Unit and Dickerson Neuroimaging Lab, affiliated with the Martinos Center for Biomedical Imaging, is seeking an individual with a bachelor's degree in psychology, neuroscience, cognitive science, mathematics, computer science or related field for a full-time position investigating the neurobiological basis of cognitive and affective systems in healthy adults and those with neurodegenerative diseases. The applicant should have at least one year of experience working with neuroimaging data in a lab setting. This position reports to the Principal Investigator, Dr. Brad Dickerson, and supports the technical and analytical capabilities of a talented multidisciplinary research team.

### **PRINCIPAL DUTIES AND RESPONSIBILITIES:**

- Creating and maintaining a neuropsychological/neuroimaging database
- Adhering to a standardized protocol for neuroimaging preprocessing and analysis.
- Performing quality control on raw and processed data: viewing and rating MRI images for quality and usability
- Developing search tools to prepare cohorts of subjects on the basis of diagnosis, quality, or available data for specified research needs.
- Performing statistical analysis (e.g. regression, ANOVA) and visualization as-needed for research projects and presentations
- Developing visual and text-based stimuli for new in-scanner fMRI tasks
- Serve as a consultant for FTD Unit members as-needed for basic technical training and troubleshooting

### **QUALIFICATIONS:**

- A bachelor's degree in psychology, neuroscience, cognitive science, mathematics, computer science or related field
- 1-2 years of related experience working with neuroimaging data in a lab setting
- Comfort working in a linux-based computing environment

### **SKILLS/ ABILITIES/ COMPETENCIES REQUIRED:**

- Excellent organizational, oral, and written communication skills
- Strong interpersonal skills and comfort interacting with research participants that may have cognitive impairment and/or motor disorders
- English language fluency
- Ability to work independently and as a member of a team
- Excellent attention to detail

### **WORKING CONDITIONS:**

Full-Time (40 hrs/wk).

### **APPLICATION:**

For enquiries please email [collins21@mgh.harvard.edu](mailto:collins21@mgh.harvard.edu)