

# Neuroscience/Neuropsychology Research Assistant Position in VA Boston Lab

Our cognitive neuroscience and neuropsychology research lab is hiring a full-time Research Assistant to begin Summer 2023. Our laboratory is located at the Veterans Administration Boston Healthcare System in Boston, MA.

This position will support our national center, the Translational Research Center for Traumatic Brain Injury and Stress Disorders (TRACTS). Our mission at TRACTS is to understand the impact of traumatic brain injury (TBI) and stress-related emotional disorders on brain structure and function. This understanding is necessary in order to maximize cognitive and behavioral recovery through the development of informed therapeutic techniques. TRACTS brings together a large, multidisciplinary, highly collaborative team of expert clinician researchers with cutting edge research tools and methodologies aimed at unraveling the complex pathophysiology and related treatment opportunities for post-9/11 veterans with TBI and stress-related disorders. Our research utilizes a range of brain imaging methodologies including structural MRI, functional MRI, diffusion imaging, and arterial spin labeling (ASL) perfusion. Research faculty are deeply committed to mentorship and our staff's career development.

Ideal applicants will possess:

- Bachelor's degree in psychology, behavioral neuroscience, or a related field.
- Prior training in one or more areas of neuroimaging and/or motivated to train in the acquisition, processing, and analysis of multimodal neuroimaging data.
- Strong statistical knowledge.
- Familiarity with Matlab, Python, and/or other programming languages preferred.
- Candidates with related technical experience should also apply.
- Strong oral and written communication skills.
- Candidates are required to be US citizens.

Major duties and responsibilities will include the following:

- Scheduling patient appointments.
- Administering a battery of computer-based and standardized psychometric and cognitive tests.
- Assisting with neuroimaging scan acquisition.
- Interviewing patients regarding mental status and medical history.
- Collecting and coding experimental data for computer analysis.
- Conducting and summarizing literature reviews.
- Assisting with statistical analysis.
- Assisting with grant and manuscript preparation.
- Opportunities are available to present research findings at academic conferences.

A two-year time commitment is required. This is an ideal position for individuals who plan to pursue a career in neuroscience, psychology, medicine, or other health-related fields. See our website for more information: <https://heartbrain.hms.harvard.edu/>

If you are interested in applying for this position, please send your cover letter and resume to Dylan Katz, [dylan.katz@va.gov](mailto:dylan.katz@va.gov).