Full-time Research Assistant Position at Harvard Medical School/Boston VA Medical Center

Measuring Behavioral and Neural Changes after Cognitive Training in Prosopagnosia

Objectives of the Project: 1) To test a cognitive training program aimed at enhancing face processing and functional outcomes in developmental prosopagnosics (individuals with severe lifelong face recognition difficulties). 2) To record EEG as well as MRI/fMRI/DTI and eye-tracking during face processing tasks before and after training to understand the neural changes related to behaviorally-relevant changes in face processing. 3) To measure behavioral and neural differences between prosopagnosics and controls.

Description: We are looking for a highly motivated, organized research assistant to join our team and be involved in all aspects of this innovative cognitive training study. In particular, the research assistant will perform and assist postdoctoral fellows in collecting/analyzing structural (MRI, DTI) and functional neuroimaging data (fMRI, EEG). This position will involve recruiting prosopagnosics, administering pre/post cognitive tests, and overseeing prosopagnosics' use of an innovative computer-based training program aimed at improving face processing. The RA will also perform pre/post neuroimaging, including MRI scans (structural MRI, DTI, fMRI) and EEG sessions. The RA will also manage and analyze data, help with manuscript and grant preparation, and perform administrative tasks as needed. The RA will also have opportunities to assist with implementing novel treatment programs. Finally, the RA will have chances to author papers and present his/her work at local and national conferences. This position will be based at the Boston VA Medical Center in Jamaica Plain. We are looking for someone who can start as soon as possible and commit for at least one year. The position will provide an excellent opportunity for training in the fields of cognitive neuroscience, cognitive rehabilitation, and neuropsychology and will uniquely prepare the individual for cognitive, clinical, or neuroscience graduate school programs.

Background required: College degree in psychology, neuroscience or related field and interest in making a career in such a field. Previous research experience.

Skills: The candidate must be highly organized and have excellent people skills. Technical skills such as knowledge of neuroimaging techniques, statistical methods, and programming are also a plus.

Salary: 42K plus full benefits

**Minorities, women, and members of other under-represented groups are encouraged to apply. We are able to sponsor non-US citizens.

If interested, please contact Dr. Joe DeGutis (degutis@hms.harvard.edu).