



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

Characterizing developmental prosopagnosia subtypes and administering/testing the effectiveness of web-based cognitive treatments

Objectives of the Project: Developmental prosopagnosics (DPs) are individuals with lifelong face recognition deficits. DP is a heterogeneous disorder and the cognitive and neural mechanisms underlying DP remain to be characterized. Also, though there have been attempts to enhance face recognition in DPs, treatments have not been individualized to specific DP deficits. This project aims to 1) Characterize face perception heterogeneity in DPs using measures of holistic and feature processing, 2) Examine the neural mechanisms of differences within DPs and between DPs/controls using functional MRI, EEG, and diffusion tensor imaging, and 3) Determine whether DPs with and without perceptual deficits have differential responses to face perception vs. face memory web-based training programs.

Description: We are looking for a highly motivated, organized research coordinator to join our team and be involved in all aspects of an innovative NIH-funded project aimed at characterizing and treating DP. The research coordinator would be involved in recruiting participants, collecting/analyzing behavioral and clinical assessments, and will assist the postdoctoral fellow in collecting structural (MRI, DTI) and functional neuroimaging data (fMRI, EEG). This position will also involve overseeing prosopagnosics' use of novel, innovative computer-based training programs aimed at enhancing face perception and face memory processes and performing pre/post-training assessments. The research coordinator will manage and analyze data, help with manuscript/grant preparation, and perform various administrative tasks (e.g., IRB) as needed. Finally, the research coordinator will have several opportunities to be involved in writing and publishing papers and present their work at local and national conferences. This position will also involve supervising and coordinating other undergraduate research assistants involved in this project. Our lab is based at the Boston VA Medical Center in Jamaica Plain, MA. We are looking for someone who can start in July/August and commit for a least one year with the option of longer. 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.

Our Team: This project involves working with an experienced group of cognitive neuroscientists with expertise in face recognition/prosopagnosia (Joe DeGutis and Brad Duchaine), EEG (Kevin Spencer), and structural and functional MRI (Mike Esterman and David Salat). It also involves being a member of the Boston Attention and Learning Laboratory, an interdisciplinary group of ~10 cognitive neuroscientists and clinical psychologists/neuropsychologists interested in characterizing the cognitive and neural mechanisms underlying deficits in patient populations and developing theoretically motivated, innovative cognitive training, TMS, and pharmacological treatments.

Background required: College degree in psychology, neuroscience, or a related field and interest in pursuing 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: 45K plus full benefits, depending on experience

**Must be a US citizen

**Our lab values diversity and inclusion and is striving to attract and retain diverse staff. We encourage members of traditionally underrepresented groups, including Race and Ethnicity, Gender, Religion, age, or disability, to apply.

If interested, please email Dr. Joe DeGutis (degutis@wjh.harvard.edu) with your CV and cover letter by **April 15, 2024**. Interviews will begin shortly thereafter.