Postdoctoral Fellow positions
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The laboratory of Neuromodulation of Language in Neurodegenerative Disorders at the Department of Neurology of Johns Hopkins Medicine is looking for Postdoctoral Fellows for (2) NIH-funded trials, including a multisite clinical trial between Johns Hopkins University, UPenn and University of Toronto. The projects are generally devoted to the study of neuroplasticity in neurodegenerative conditions such as primary progressive aphasia (PPA), and Alzheimer's Disease (AD). We use behavioral and neuromodulation intervention methods (e.g., transcranial electrical stimulation, tES) and we aim to understand their effectiveness and the brain mechanisms they involve using structural MRI, resting-state fMRI, DTI, perfusion and MR Spectroscopy.

The ideal candidate should have, or will soon have, a doctoral degree in a relevant scientific discipline such as speech-language pathology, neuropsychology, neurolinguistics, neuroscience, biomedical engineering or related field. The Postdoctoral Fellow will have the opportunity to perform behavioral and tES and other neuromodulatory interventions in participants with PPA and AD, analyze the data, present their research at conferences, and write papers. The successful candidate will also assist with grant preparation and IRB protocols. Prior experience with people with PPA and/or neuroimaging research are strongly preferred. Special preference will be given to knowledge of EEG analysis and machine learning methodologies. Programming experience and computational skills with Matlab, Python or R are highly desirable. The successful applicant should be highly motivated, organized, personable, willing to learn, responsible, reliable, and efficient. The successful applicant will also work collaboratively with students, other post-doctoral scientists and other faculty members of the Johns Hopkins community and other universities.

These are full-time, one-year (renewable) positions, preferably with a two-year commitment and can start as early as January 2023. For further information, interested candidates should email a CV, writing sample, and contact information for 3 references to Dr. Tsapkini at tsapkini@jhmi.edu. Johns Hopkins University is an Affirmative Action/Equal Opportunity employer.

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