

**CLINICAL RESEARCH COORDINATOR II IN DIVISION OF  
NEUROTHERAPEUTICS AT HARVARD MEDICAL SCHOOL/ MASSACHUSETTS  
GENERAL HOSPITAL**

**Responsibilities:** Full-time *Clinical Research Coordinator II (CRC II)* needed in the Division of Neurotherapeutics, a multidisciplinary group conducting a variety of studies of Deep Brain Stimulation, Vagal Nerve Stimulation, and other device-based interventions for severe psychiatric illness. Additionally, this group manages multiple neuroimaging studies.

The CRC II will be responsible for both data collection and analysis. Data collection includes application of neuroimaging and electrophysiology (fMRI and MEG/EEG data), behavioral/psychophysical tasks, and standardized questionnaires. This is likely to include methods development, e.g. programming the visual display of standardized stimuli for various testing environments. Data analysis will include a variety of statistical methods, and will require learning new software tools. This often involves programming scripts and code collections that can then be used by others. Finally, the CRC II also helps produce reports, scholarly clinical research abstracts, posters, and manuscripts for publication and can expect to be credited as an author on many of these.

The position requires high level technical and analytical skills, the ability to manage data software systems, strong research and writing skills, and the ability to work independently.

**Qualifications:** Bachelor's degree *with at least 1 year of related research experience not for course credit* required. This position would be suitable for an applicant with a background in engineering, computer science, or mathematics who had a strong interest and motivation to apply that knowledge in neuroscience. Candidates must be organized with attention to detail, able to work independently, and possess good writing and editing skills. Additionally, candidates must have a strong background in at least one programming language commonly used for scientific data analysis. MATLAB and/or Python are strongly preferred, R or Julia are welcome. Lower-level languages such as C or Java are not required. There should be documented evidence of ability to independently complete programming tasks, including selection and re-use of open-source function libraries and consultation of a variety of online resources when appropriate. Experience with basic statistical analyses (linear and generalized linear regression, ANOVA) is necessary. Additional methods, particularly Bayesian or non-parametric frameworks, will be a plus. Candidates with prior experience with one or more existing neuroscience data analysis tools (e.g., FieldTrip, FreeSurfer, SPM, Brainstorm, MNE) would be given high priority.

Please send a copy of your relevant CV and cover letter to [szorowitz@mgh.harvard.edu](mailto:szorowitz@mgh.harvard.edu)