

Clinical Research Coordinator - (3236773)

GENERAL SUMMARY/ OVERVIEW STATEMENT:

The Laboratory for Neuropsychiatry and Neuromodulation at Massachusetts General Hospital and Harvard Medical School is recruiting a full-time **Clinical Research Coordinator** to join our lab and work on a variety of exciting and innovative human neuroscience projects. Our laboratory is a multidisciplinary group conducting clinical, translational and basic neuroscience research with healthy and neuropsychiatric populations. We use a wide variety of techniques, including brain stimulation/neuromodulation (TMS, tDCS, ECT, DBS, etc.), neuroimaging, EEG, behavioral and clinical assessments. Additionally, the program includes the Transcranial Magnetic Stimulation (TMS) clinical service, which is tightly integrated with our research mission and where we treat neuropsychiatric populations.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

Please note, the functions below are representative of major duties that are typically associated with these positions. Specific responsibilities may vary based upon departmental needs. Similarly, not all duties that have been outlined will be assigned to each position.

- The CRC will be responsible for data collection, data management and particularly data analysis.
- Data collection includes: TMS, tDCS, multimodal MRI, EEG, EMG, behavioral and neuropsychological tasks, and standardized clinical questionnaires.
- One of the CRC's primary roles will be performing MRI, EEG, EMG and behavioral data analysis and data quality control.
- Data analysis will include a variety of statistical methods and may require learning new software tools (e.g., R, SPM, FSL, Freesurfer, EEGLAB, MNE, PsychoPy, Presentation) or programming scripts (e.g., with Python, Matlab, SQL) that can be used by others.
- The position requires high level technical and analytical skills, strong research and writing skills, and the ability and desire to work independently.
- Preference is given to candidates who are interested in clinical/translational research work as part of their long-term career
- The CRC will participate in the production of scholarly reports, research abstracts, posters, and manuscripts for publication (including opportunities for first author roles when appropriate).
- Extensive training in brain stimulation, neuroimaging, neuroscience, translational/clinical research and writing skills will be provided.
- Strong scientific, technical and career development mentoring will be provided, as well as opportunities to publish and present at national conferences.

SKILLS/ABILITIES/COMPETENCIES REQUIRED:

- Bachelor's degree, ideally with at least 1 year of related research experience is required.
- Background in neuroscience, psychology, engineering or data science is preferred.

- Prior neuroimaging and/or EEG experience, including familiarity with fMRI and/or EEG data analysis (i.e. not just data acquisition), is required.
- Coding skills in programming language(s) (e.g. Python, Matlab, Unix, R) are required.
- Applicants with strong technical backgrounds in computer/data science or mathematics and an interest in applying these skills to neuroscience will be given high priority.
- Applicants with experience in psychological task design software (Presentation, E-Prime, Psychophysics Toolbox, PsychoPy) are encouraged to apply.
- A strong background in statistical analysis software (R, SPSS, Stata) will also be given high priority.
- Strong interpersonal skills are a must.
- Candidates must be highly organized, attentive to detail and able to work independently.
- Good writing and editing skills, and solid PC or Mac computer skills required.
- Experience with clinical populations is preferred but not required.

EDUCATION:

- B.A. or B.S. in neuroscience, psychology, engineering or related field.

EXPERIENCE:

- 1+ years of directly related research experience required.

EEO Statement

Massachusetts General Hospital is an Equal Opportunity Employer. By embracing diverse skills, perspectives and ideas, we choose to lead. Applications from protected veterans and individuals with disabilities are strongly encouraged.

Primary Location

MA-Charlestown-MGH 13th Street

Work Locations

MGH 13th Street
149 13th Street
Charlestown 02129

Job

Clinical

Organization

Massachusetts General Hospital(MGH)

Schedule

Full-time

Standard Hours 40

Shift

Day Job

Employee Status

Regular

Recruiting Department MGH Psychiatry

Job Posting

Mar 17, 2023

Apply here: <https://partners.taleo.net/careersection/ghc/jobdetail.ftl?job=3236773&tz=GMT-04%3A00&tzname=America%2FToronto>