

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 clinical neuroscience group. We conduct neuro-imaging, MEG/EEG, behavioral, and clinical studies of severe psychiatric illness. Most of our work uses Deep Brain Stimulation, Vagal Nerve Stimulation, and similar devices as tools to both treat disease and understand the brain.

The CRC II will be responsible for both data collection and analysis. Data collection includes application of neuroimaging and electrophysiology (fMRI and MEG/EEG), behavioral/psychophysical tasks, and standardized questionnaires. The CRC II will be responsible for performing fMRI and behavioral data analysis for several studies involving neural mechanisms underlying psychiatric illness. Data analysis will include a variety of statistical methods, and will likely require learning new software tools (i.e. SPM, Freesurfer). The CRC II will also 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 CRC II will work closely with Investigators, study staff and the Institutional review Board (IRB) to implement and oversee studies and submit appropriate regulatory forms, document, compile and maintains clinical research data, patient files, regulatory binders and study databases. The CRC II can expect to conduct clinical assessments and work closely with patients by coordinating and administering, scoring, and evaluating study questionnaires/interviews. There will be opportunities to shadow clinicians in the division and/or observe surgeries as part of our research data collection.

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. . The CRC will be working closely with severely ill psychiatric patients for data collection, and so should be comfortable around clinical populations. We give preference to candidates who are interested in clinical/translational work as part of their long-term career.

Qualifications: Bachelor's degree with at least 1 year of related research experience not for course credit required. Candidates of all majors are welcomed, but must possess a strong interest in clinical problems and neuroscience. Strong interpersonal skills are a must, and experience with psychiatric clinical populations is highly preferred. Candidates must be organized with attention to detail and able to work independently. Candidates must also possess good writing and editing skills, and basic programming skills in a scientific language such as MATLAB, Python, or R. Candidates must have prior neuroimaging experience, including familiarity with fMRI data analysis. Proficiency in FreeSurfer, SPM, or similar programs is a plus.

Start Date: May-June 2017

Principal Investigators: Darin Dougherty MD, Thilo Deckersbach PhD, Alik Widge MD PhD and Joan Camprodon MD PhD MPH.

Ongoing/upcoming projects: Projects in the laboratory include multiple DBS studies funded by the Brain Initiative, multi-site studies of the neural basis of consciousness, and neuro-imaging studies of trichotillomania, eating disorders, and endocrine dysfunctions. Our laboratory is part of the Martinos Center, one of the world's largest and most diverse human neuroscience centers. There will be many opportunities for a broad exposure to cognitive and emotional neuroscience through seminars, workshops, and peer interactions.

Please send a copy of your relevant CV and cover letter to Anna Gilmour at agilmour@mgh.harvard.edu