Clinical Neuroscience Researcher Needed

Principal Investigator: Dr. Leanne Williams

Department Name: Psychiatry and Behavioral Sciences at Stanford School of Medicine

Appointment Start Date: The position is open until filled

Group or Departmental Website: http://williamspanlab.com

How to Submit Application Materials: Apply through the Stanford website at: https://careersearch.stanford.edu/jobs/clinical-neuroscience-researcher-4123 or email bholtgos@stanford.edu with a CV and cover letter.

The PanLab for Precision Mental Health and Translational Neuroscience within the Department of Psychiatry & Behavioral Science is currently recruiting for a Clinical Neuroscience Research Associate to perform assessment and data processing duties involved with human clinical neuroscience projects. The PanLab is developing precision medicine approaches for mental health disorders, spanning mood, anxiety and attention disorders. We focus on developing new brain-based classifications that guide an understanding of the individual and subsequent treatment selection.

Specifically, the primary focus of the Clinical Neuroscience Research Associate will be to screen potential human participants, schedule testing sessions, and perform participant assessments using questionnaire, functional MRI and cognitive testing. Some participants may also be tested using wearable sensors, tested with EEG and provide lab-based samples, such as saliva for DNA. The position requires a deep interest in the subject area and a comfort with participant interactions, including in telephone and in-person interviews, and for each of the assessment modalities. These study tasks will include management of study data. There will also be the opportunity to assist with pre-processing and statistical data analysis, including for scientific reports and publications. The position will be supervised and mentored by an inter-disciplinary team of investigators spanning the Schools of Medicine and Engineering. The position will be based within a collaborative team and the PanLab values cooperation, fairness, efficiency and conscientiousness.

Required Qualifications:

- Two year college degree and two years related work experience or a Bachelor’s degree in a related field or an equivalent combination of related education and relevant experience.

Required Knowledge, Skills and Abilities:

- Strong interpersonal skills.
- Proficiency with Microsoft Office.
- Knowledge of medical research terminology.
Preferred Qualifications:

- Previous research experience in the fields of Biology, Psychology or Neurosciences.
- 1-2 years of related hands-on experience in acquiring and/or processing fMRI data;
- Proficiency with basic programming and scripts;
- Familiarity with working in Linux/Unix;
- Beginner to Intermediate level of MATLAB experience;
- Technical skills and familiarity with imaging software packages such as SPM, FSL and/or FreeSurfer;
- Previous work with human participants
- CITI training and certification for human subject's research is preferred.

Working Conditions:

- Occasional evening and weekend hours.
- Position may at times require the employee to work with or be in areas where hazardous materials and/or exposure to chemicals, blood, body fluid or tissues and risk of exposure to contagious diseases and infections.
- May require extended or unusual work hours based on research requirements and business needs.

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