

The Cognition and Affect Regulation Lab directed by Dr. Jonathan Stange at the University of Illinois at Chicago (UIC), Department of Psychiatry, is seeking a Non-Benefits Full-time Academic Hourly (Research Associate I) position. Our lab seeks to identify cognitive and affective processes that are involved in the regulation of negative affect, in an effort to identify vulnerability factors for mood disorders and suicide. This work involves laboratory-based measures of brain activity (using fMRI), autonomic nervous system functioning (electrocardiogram and respiration), and behavior (computer tasks and questionnaires). In addition, to understand behavior outside of the lab, we utilize ambulatory assessment to measure autonomic functioning (with wearables), sleep quality (with actigraphy), affect and regulation strategies (using ecological momentary assessment), and digital phenotyping approaches to measuring behavior (using smartphone keyboard data).

This position is ideal for a recent graduate from a Psychology, Neuroscience, Cognitive Science, or other STEM program who is interested in gaining clinical research experience in mental health and/or neuroscience in preparation for graduate or medical school.

**Duties and Responsibilities:**

- Preprocesses psychophysiological and neuroimaging data.
- Employs various tools and recruitment efforts to enroll and retain young adults with major depression, suicidal ideation, or healthy controls (e.g., social media, digital advertising, referral management, advocacy outreach).
- Learns to conduct diagnostic interviews to assess history of psychopathology.
- Interacts with participants and performs lab experiments using neuroimaging, psychophysiology, and behavioral methods.
- Assists in study tasks (e.g., help with data entry, generating REDCap reports for data analysis).

**Required Qualifications:**

- Bachelor's degree in psychology, neuroscience, or related field required.
- Previous experience working with human subjects and conducting independent research projects.
- Excellent analytical skills, the ability to resolve technical or research problems and the ability to critically check data to prevent errors.
- Knowledge and adherence of clinical research methods and design, and research protocols.
- Extremely careful attention to detail (required for data entry and processing of neuroimaging, psychophysiology, and behavioral data).
- Excellent planning, organization, and prioritization skills, with the ability to independently monitor and complete a variety of complex tasks.
- Strong interpersonal and customer service skills and excellent communication, organization, presentation and computer skills.
- Ability to work effectively as part of a team (e.g., share duties with other research assistants when recruiting and running study participants; complete components of data analysis, slide presentations and manuscript preparations with the PI).

**Additional Desirable Qualifications:**

- Experience with processing physiological and/or fMRI data (e.g., Biopac, Matlab, SPM).
- Experience working with patients with mood disorders including familiarity with clinical assessments.
- Proficiency with database management (e.g., merging multiple data sets from various sources).
- Programming experience (e.g., Matlab, Python).

**To apply or for more information:**

Please apply and submit your resume/CV, cover letter detailing your interest in and perceived fit for the position and how it aligns with your career goals, salary requirements, and contact information for two references to hiring manager, Dr. Jonathan Stange, at [jstange@uic.edu](mailto:jstange@uic.edu). Applicants are encouraged to submit their materials as soon as possible. Review will be on a rolling basis until the search is successful. More information about the lab is available here: <https://www.psych.uic.edu/research/lab-directory/cognition-and-affect-regulation-car-lab>

***The University of Illinois at Chicago is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. The University of Illinois may conduct background checks on all job candidates upon acceptance of a contingent offer. Background checks will be performed in compliance with the Fair Credit Reporting Act.***