

## Open Position: Research Assistant

We are looking for a skilled and highly motivated Research Assistant to join the Solomonov Lab at Weill Cornell Department of Psychiatry. We are an interdisciplinary collaborative team working within the exciting intersection of computational and clinical neuroscience and clinical psychology.

The candidate will participate in randomized controlled trials of psychotherapy for mid- and late-life depression and postpartum depression. The candidate will assist in analysis of datasets spanning clinical, behavioral, and neuroimaging modalities. This position is ideal for a candidate who is interested in pursuing doctoral studies in neuroscience, clinical psychology or medical school later on. The position requires a 2-year commitment, full time in-person at our lab, located at 1300 York Avenue, New York, with possibility of some remote days.

### **Job Responsibilities**

- Contributes to data collection, including clinical and cognitive assessment administration and collection of neuroimaging data at MRI scanning sessions.
- Participate in study visits with clinical populations, including individuals with depression.
- Conducts literature reviews and gains expert familiarity with research protocols and statistical analysis plans.
- Assists in creation of study databases, data cleaning, quality control, and dataset preparation.
- Conducts quantitative coding and computational analysis of study data.
- Performs statistical analysis of clinical, behavioral, and neuroimaging datasets.
- Assists in the preparation of materials, submissions, and renewals to the Institutional Review Board (IRB).
- Work alongside Dr. Solomonov in the preparation of grant submissions and associated documentation, conference abstracts, figures, and manuscripts.
- Prepare results and interpret findings with opportunities for authorship on conference manuscripts and peer-reviewed manuscripts.
- Performs other related duties as directed.

**Education:** Bachelor's degree in Psychology, Neuroscience, Machine Learning, Computer Science, or related field

**Experience:** At least one year of previous research experience preferred.

**Knowledge, Skills and Abilities**

- Statistical analysis experience (R Studio, MATLAB).
- Coding skills (Java, C++, Python, Bash scripting).
- Database management experience (REDCap).
- Functional and structural neuroimaging experience preferred; proficiency with resting-state, task-based, and/or tractography-based neuroimaging software packages (FSL, SPM, AFNI, DSI Studio).

**Competencies**

- Maintains a team-oriented approach and possesses the ability to cultivate positive and collegial workplace collaborations.
- Demonstrates organizational skills and an ability to work effectively in a fast-paced environment.
- Proves to be reliable, responsible, and able to work independently while maintaining close communication with colleagues and supervisors.
- Demonstrates empathy, warmth, and curiosity in interaction with research participants.
- Possesses strong interpersonal skills and a collaborative nature.
- Demonstrates creative thinking and interest in expanding knowledge and learning new skills.

**Start Date:** Flexibility, with the possibility of starting immediately or in the Spring/Summer of 2024.

**Interviews will begin at the end of January and will continue until position is filled.**

**Application Instructions:** Please submit your CV and cover letter to our research coordinator, Aliza Ayaz ([ala4015@med.cornell.edu](mailto:ala4015@med.cornell.edu)).

**[Apply Here!](#)**