

**Icahn School of Medicine at Mount Sinai**  
**Department of Psychiatry**  
**New York, NY**

**Language Lab**  
**PI: Cheryl Corcoran, MD**

The Corcoran Language Lab at the Icahn School of Medicine at Mount Sinai is seeking motivated clinical research coordinators (CRCs) to join our growing multidisciplinary team. This is an ideal position for undergraduate or graduate-level candidates interested in gaining hands-on clinical research experience before pursuing advanced training in clinical psychology, medicine, neuroscience, data science, or related fields. Our lab investigates the brain and language mechanisms underlying the development of psychosis using natural language processing (NLP), machine learning, neuroimaging (MRI), electroencephalography (EEG), and clinical assessment methods. CRCs will be fully integrated into both the Language Lab and the Mount Sinai Psychosis-Risk Program, a leading research and clinical program dedicated to identifying early indicators of psychosis and developing innovative approaches to improve early detection and treatment.

**Commitment:** Minimum two-year commitment required.

**Career Development:** Past CRCs have gone on to leading medical schools and clinical psychology doctoral programs, published first-author manuscripts, and presented at national and international conferences. This role provides a strong foundation for future graduate or professional training.

**Learn more about some our funded research projects:**

<https://reporter.nih.gov/project-details/11266178>

<https://reporter.nih.gov/project-details/11009577>

<https://reporter.nih.gov/project-details/11117166>

<https://psychiatricbiomarkers.org/>

**Responsibilities include, but are not limited to:**

- Conduct human subjects research with adolescents and adults at clinical high-risk for psychosis and individuals with schizophrenia spectrum and mood disorders.
- Recruit, screen, and enroll research participants through phone screens, referrals, outreach presentations, and recruitment initiatives.
- Obtain informed consent and administer structured clinical interviews, cognitive testing, questionnaires, and video-recorded language assessments.
- Coordinate and assist with EEG and MRI research visits.
- Maintain organized study records, tracking logs, and participant scheduling while ensuring adherence to research protocols and ethical standards.
- Collect, curate, and manage multimodal datasets including clinical, neuroimaging, electrophysiology, and language data.
- Assist with data cleaning, coding, and analysis
- Assist with IRB submissions, research ethics documentation, and regulatory compliance.
- Support grant preparation, including budgets and application materials.

### **Academic & Professional Development Opportunities:**

- Contribute to manuscript preparation, conference abstracts, and scientific presentations.
- Pursue independent research questions using archival data, with mentorship toward first-author publications.
- Formal training and certification in clinical interviews and cognitive testing
- Close collaboration with psychiatrists, psychologists, engineers, and computational researchers.
- Participation in advanced data science and NLP meetings.
- Opportunities to present research at conferences and co-author scientific manuscripts.
- Individualized mentorship tailored to career goals (clinical, academic, or computational pathways).

### **Qualifications:**

Required:

- Bachelor's degree (or expected completion) in psychology, neuroscience, biomedical sciences, data science, computer science, or related field strongly preferred.
- Strong organizational skills, attention to detail, and the ability to work both independently and collaboratively.
- Interest in clinical populations, mental health research, or computational approaches to behavior and language.

Preferred Experience (not required):

- Programming in Python and/or MATLAB
- Natural language processing or computational linguistics
- Clinical interviewing or neuropsychological assessment
- Neuroimaging, EEG, or quantitative research methods
- Experience working with adolescents or individuals with psychosis-risk

### **To be considered for this position:**

Please send the following materials to Shaynna Herrera, PhD at [shaynna.herrera@mssm.edu](mailto:shaynna.herrera@mssm.edu):

- 1) Cover letter explaining your interest in this particular lab and relevant experience (1 page max)
- 2) CV/resume
- 3) Two letters of recommendation, or the contact information for two references
- 4) Academic writing sample