

Research Assistant

We are seeking an enthusiastic and self-motivated individual to join our research group. This research assistant position is open to recent college graduates seeking training and experience in a translational research setting with a plan to pursue a graduate or professional degree in science or medicine. The successful applicant will work collaboratively with the research group to advance ongoing projects that investigate the role of activity-dependent signaling in neural circuits that control behaviors relevant to neuropsychiatric disorders. The accepted candidate will be expected to thoughtfully conduct experiments, analyze data, and participate in experimental design. Initiative to learn new methods and perform work efficiently and carefully are essential.

Overview of Duties

- Perform stereotaxic intracranial surgeries of viral constructs
- Conduct and analyze animal behavior experiments
- Immunohistochemistry
- Confocal microscopy
- *In vivo* electrophysiology and calcium imaging
- Programming and data analysis in MATLAB, Python, and R programming languages
- Assist in general lab support

Professional and Education Requirements

The following are required:

- BA/BS in Neuroscience, Psychology, Bioengineering, or a closely related field
- Plan to pursue graduate or professional degree in science or medicine
- Laboratory research experience
- Excellent organizational and communication skills
- Flexible work schedule (occasional weekends and evenings are required due to nature of experiments)

Familiarity with the following techniques is a plus:

- Programming with MATLAB
- Confocal microscopy
- Rodent behavior studies
- Rodent stereotaxic surgeries

EEOC Statement:

The Lieber Institute for Brain Development is proudly an equal employment opportunity and equal professional advancement employer. Employment decisions at the Lieber Institute for Brain Development are based on merit, qualifications, and abilities. It is our policy that the Lieber Institute does not discriminate in employment opportunities on the basis of race, religion, color, sex, age, marital status, national origin or ancestry, citizenship, physical or mental disability, sexual preference/orientation or veteran status with regard to any position or employment for which the applicant or employee is qualified.

To Apply:

Please send your CV to jobs@libd.org with the subject line "Martinowich – Research Assistant"