

Postdoctoral Fellow Translational Sciences Group

A postdoctoral position is available in the Section on Developmental Electrophysiology within the Translational Sciences Group at the Lieber Institute for Brain Development, a private non-profit research institute on the campus of the Johns Hopkins University School of Medicine.

A little about us:

The Lieber Institute for Brain Development (LIBD) was conceived from the realization that a new approach is needed to fully exploit the unprecedented opportunities to accomplish the critical goal of helping affected individuals and their families. The LIBD aims to transform the research landscape in two ways: by providing new tools for scientific discovery and by developing new collaborative approaches to achieve our ambitious mission.

The mission of the Lieber Institute for Brain Development is to translate the understanding of basic genetic and molecular mechanisms of schizophrenia and related developmental brain disorders into clinical advances that change the lives of affected individuals.

Job Summary:

The Section on Developmental Electrophysiology, headed by Dr. Brady Maher, is dedicated to identifying pathophysiology and molecular mechanisms associated with neuropsychiatric disorders. This laboratory uses a variety of techniques including molecular biology, CRISPR-Cas9 genome-engineering, *in utero* electroporation, iPSC-derived human neurons, optogenetics, electrophysiology and imaging to identify how alterations in expression and/or mutations within risk associated genes alter neuronal development and synaptic function.

Principal Responsibilities:

The laboratory seeks an applicant who is interested in performing electrophysiology to study pathophysiology in patient-derived human neurons and animal models.

Professional and Education Requirements:

- PhD in Neuroscience, Physiology, Cell Biology, or related field.
- Experience in electrophysiology is preferred, but not required, if applicant has a strong desire to acquire electrophysiology training.
- Excellent interpersonal skills
- Ability to work in a professional manner as both a self-starter and a team member
- Excellent written and oral communication skills

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 and cover letter to jobs@libd.org with “Translational Sciences – Maher” in the subject line.