
Job Title	Postdoctoral Fellow
PVN ID	HC-2205-004771
Category	Research
Location	HUNTER COLLEGE
Department	Biology
Status	Full Time
Annual Salary	\$55,000.00 - \$65,000.00
Hour(s) a Week	35
Closing Date	Jul 06, 2022 (Or Until Filled)

General Description

Postdoctoral Fellow Position Available

The Likhtik Lab is seeking a postdoctoral fellow to join one of two funded projects focused on uncovering novel circuit function during cognition. We are a growing, dynamic, and supportive team at Hunter College (City University of New York) studying neural and glial functions that define cross-regional communication patterns during learning and memory. We use animal models to probe changes that occur as a function of stress and anxiety, including altered communication patterns, changes in cellular activity, and molecular expression. Our techniques span *in-vivo* electrophysiology during behavior, circuit manipulation techniques (e.g. optogenetics, pharmacology), neuroanatomical tracing, molecular analysis (e.g. qPCR, RNA Scope), immunohistochemistry, image analysis, and other tools to further our understanding of neural computations associated with learning. We are interdisciplinary, collaborative and interested in translational neuroscience. The lab is located at Hunter College in the heart of New York City, a senior college at the largest public urban university in the US. Hunter is a culturally diverse school that prides itself on contributing to academic excellence and social mobility.

www.likhtiklab.com

Training Environment: There is a strong culture of support and training in the lab. The lab is in the Biology Department where faculty study all aspects of biology, from channel physiology to myelination, and immunology, to cancer and olfaction. The Biology Department is part of a broader interdisciplinary neuroscience community on the Hunter campus, across CUNY campuses, and is knit into the research fabric of New York City as a whole, where neuroscience research thrives. As such, we collaborate with colleagues in the Psychology Dept. at Hunter College, the Advanced Science Research Center (ASRC) at CUNY, at Weil-Cornell, and Columbia University. Postdoctoral fellows have access to a wide array of professional, and personal development courses/events provided through The Graduate Center at CUNY, where Dr. Likhtik also holds an appointment.

Other Duties

Qualifications

Degree Requirement: A doctoral degree in Neuroscience or related discipline (broadly conceived)

Core Competencies : Creativity, ability to problem solve while working in a team setting as well as individually, attention to detail, interest in at least two of the following: physiology, behavior, circuit function, translational models.

Skill that are plus: Electrophysiology, Matlab, Python.