

Post-Doctoral Associate, Electrophysiology and Structural
Biology
University at Buffalo, The State University of New York

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Posted Jun. 1, 2022, set to expire Jun. 13, 2023

Job Title	Post-Doctoral Associate, Electrophysiology and Structural Biology
Department	Physiology and Biophysics
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jun. 1, 2022
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - General Anatomy/Physiology
Job Website	https://www.ubjobs.buffalo.edu/postings/35256

Apply By Email

Job Description

The Qin Lab at the Jacobs School of Medicine and Biomedical Sciences is seeking an enthusiastic, self-motivated postdoctoral research associate to spearhead a NIH funded investigation directly alongside a principal investigator with 20+ years experience dedicated to nurturing young scientists.

The lab's work focuses on temperature-sensitive ion channel structure and function. We study the channels in native and artificially constructed environments using a variety of advanced biophysical techniques (patch-clamp, cryo-EM, fluorescence spectroscopy, etc). Previous experience in related areas, for example, electrophysiology, protein purification, structural biology or other biophysics, is preferred but not required. The PI is committed to training, and will spend ample time orienting the candidate to these skills. The lab is renowned for its state-of-the-art techniques (eg: ultra-fast temperature clamp in a controlled cell environment) and will supply the candidate with abundant

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exposure to cutting-edge techniques.

This position serves as an ideal launchpad for recent graduates looking to pursue an academic career and will provide ample opportunities to lead several high-impact projects as primary author. The candidate will also receive direct mentorship from a senior PI and gain access to world-leading research expertise. For more information about the lab, research or Dr. Qin, please visit: Jacobs School of Medicine and Biomedical Sciences

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our benefit packages.

About UB

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB amplifies ambition for faculty and staff by offering endless possibilities to achieve more. Here, people from all backgrounds and cultures challenge and inspire each other to discover, learn and succeed. Dedicated staff and engaged faculty collaborate to further knowledge and understanding, and develop tenacious graduates who are valued for their talents and their impact on global society. Visit our website to learn more about the University at Buffalo.

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact