

Postdoctoral Associate, Physiology and Biophysics
University at Buffalo, The State University of New York

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Posted Jul. 15, 2022, set to expire Nov. 14, 2022

Job Title	Postdoctoral Associate, Physiology and Biophysics
Department	Physiology and Biophysics
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jul. 15, 2022
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Physiology/Human Physiology Biomedical Sciences
Job Website	https://www.ubjobs.buffalo.edu/postings/36103

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Job Description

The University at Buffalo Physiology and Biophysics Department has an exciting opportunity for two Postdoctoral Associate positions in the Neuroscience field available in the <https://medicine.buffalo.edu/faculty/profile.html?ubit=zhenyanlaboratory> of SUNY Distinguished Professor Zhen Yan, Ph.D. (Department of Physiology and Biophysics, School of Medicine and Biomedical Sciences, State University of New York at Buffalo UB).

The research goal is to understand the epigenetic and synaptic mechanisms of a variety of brain disorders, including:

- * Alzheimer's disease and stress-associated mental illnesses.
- * Transgenic mouse models, human postmortem tissues, and human stem cell-derived neurons are used to uncover pathophysiological basis and treatment strategies for these CNS diseases.
- * A combination of cutting-edge biochemical, molecular biological, electrophysiological, chemogenetic,

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optogenetic, transcriptomic and behavioral approaches are used in their research.

More than 150 publications have been generated to report their scientific findings, many of which are on high-impact journals, including Nature Neuroscience, Nature Communications, Neuron, Cell Reports, Brain, Science Advances, Molecular Psychiatry, etc. For more information on publications, lab members, and funding, please visit <http://www.buffalo.edu/~jianfeng> www.buffalo.edu/~zhenyan.

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 <http://www.buffalo.edu/administrative-services/for-faculty-staff/benefits/research-foundation/regular-employees.html> benefits 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 <http://buffalo.edu/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