

Postdoctoral Associate, Occupational Therapy
University at Buffalo, The State University of New York

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Posted Feb. 28, 2024, set to expire Aug. 4, 2024

Job Title	Postdoctoral Associate, Occupational Therapy
Department	Occupational Therapy
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Feb. 28, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Physiology/Human Physiology Physiology/Exercise Physiology Physical Education & Kinesiology Occupational Therapy
Job Website	https://www.ubjobs.buffalo.edu/postings/48642
Apply By Email	
Job Description	

Position Summary

A **Postdoctoral Associate** position is available in the Brain Function and Recovery Lab (BFR Lab) at the University at Buffalo under the supervision of [Dr. Ghazala Saleem](#). The successful candidate will be involved in cutting-edge research projects aimed at identifying the cognitive and motor effects of traumatic brain injury using various methodologies including for fMRI and EEG in both children and survivors of intimate partner violence. The successful candidate will also use neuromodulation in patients with traumatic brain injury. The BFR lab is equipped with state of the art posturography

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machine and neuromodulation apparatus.

This position will:

- Maintain, troubleshoot and properly use laboratory equipment including computer systems and data acquisition devices
- Recruit and schedule study subjects
- Follow research protocols such as obtaining informed consent and administering clinical assessments
- Prepare subjects for posturography and neuroimaging analyses
- Data collection both in lab using lab equipment and in real-world settings
- Documentation and data management
- Analysis of behavioral and neuroimaging data using software such as MatLab, R, Labview, SPSS, and Microsoft Excel

We are particularly looking for candidates who can operate effectively in a diverse community of students and faculty and share our vision of helping all constituents reach their full potential. We are committed to developing an excellent and diverse community of scholars and students engaged in education, research, and service. We encourage applications from women, members of historically marginalized groups, veterans, and individuals with disabilities.

The **Department of Rehabilitation Science** has a long history of excellence with its clinical education programs in physical and occupational therapy, as well as its PhD program in Rehabilitation Science. For more information, please visit the Department of Rehabilitation Science [website](#). Areas of departmental faculty research include: sensor development for home use in stroke rehabilitation, aging and caregiving, vestibular rehabilitation after brain injury, Interprofessional education research, assistive technology, neuromuscular physiology, spinal cord injury neuromodulation, recovery of motor function and walking, and global health rehabilitation research.

The University's **School of Public Health and Health Professions** (SPHHP) is one of the only schools in the country to include both public health and health professions, providing faculty and students with unique opportunities for collaboration. For more information on UB SPHHP, please visit [our website](#)

About the University

The University at Buffalo is the State University of New York's largest and most comprehensive

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research-intensive university and is its primary center for professional education and training. We are accredited by the Middle States Commission on Higher Education and a member of the prestigious Association of American Universities. UB provides a rich environment for collaborative interdisciplinary research with faculty within the SPHHP, as well as with faculty at other schools located in the Academic Health Center (Medicine and Biomedical Sciences, Dental Medicine, Pharmacy and Nursing), and faculty outside of the Academic Health Center, such as Social Work, Law, Architecture and Planning, Engineering and Applied Sciences, and others.

About Buffalo

Buffalo is the second-largest city in New York State and is located on the shores of Lake Erie, upriver of the majestic Niagara Falls. Buffalo – the City of Good Neighbors – is undergoing a renaissance with a rapidly growing economy, vital academic health sciences center, and affordable cost of living. The Western New York educational system is excellent. Buffalo-Niagara is a region of 1.2 million people, world-class art galleries and museums, a comprehensive city-wide system of parks and green space, a vibrant theater and music community, and major and minor league sports teams.

University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

Minimum Qualifications

- Terminal degree such as PhD, EdD, or SCD
- Basic training in neuroscience or psychology
- 2+ years of human subject research experience with at least 1 year of research at the graduate level
- Strong background in neuro and musculoskeletal anatomy.
- Ability to interact with faculty, staff, students, and research participants
- Organization, problem solving, and analytical thinking
- Effective written and verbal communication
- Initiative to work independently
- Strong interest in using multidisciplinary research approaches and be highly motivated to work independently and as part of a team
- Attention to detail

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Preferred Qualifications

- Experience in research related to neurophysiology, exercise physiology, and/or kinesiology
- Background in traumatic brain injury research
- Biomedical Engineering research background

Contact Information

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

Contact

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