

**Postdoctoral Associate**  
**University at Buffalo, The State University of New York**

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Posted Sep. 27, 2019, set to expire Jan. 27, 2020

<b>Job Title</b>	Postdoctoral Associate
<b>Department</b>	Biomedical Engineering
<b>Institution</b>	University at Buffalo, The State University of New York Buffalo, New York
<b>Date Posted</b>	Sep. 27, 2019
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Bioengineering (all Bio-related fields)
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**Job Description**

A Postdoctoral Fellow position is available in the Vascular Mechanobiology laboratory of Dr. B. Rita Alevriadou in the Biomedical Engineering Department at the University at Buffalo - The State University of New York. We have a long-standing interest in vascular endothelial signaling mechanisms and (dys)function in response to changes in the cell's mechanochemical environment (fluid shear stress, hypoxia/reoxygenation, simulated ischemia/reperfusion, etc.). This NIH-funded project will focus on the role of mitochondrial calcium uptake and mitochondrial reactive oxygen species on cultured endothelial cell gene expression, protein synthesis, and cell survival vs. inflammation and apoptosis. The Fellow will collaborate with researchers from the UB's North Campus (School of Engineering and Applied Sciences), Downtown Campus (Jacobs School of Medicine and Biomedical Sciences), the Roswell Park, and the University of Texas - San Antonio. The ideal candidate will have experience in tissue culture, immunofluorescence, Western blotting, cell transfection, cell transduction, flow cytometry, qRT-PCR, RNA-seq, and/or mass spec/proteomics.

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**\*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> 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 <http://buffalo.edu/University at Buffalo>. 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.

**Contact Information**

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

**Contact**