

Postdoctoral Associate, Microbiology and Immunology
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, Microbiology and Immunology
Department	Microbiology and Immunology
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)	Biology - Microbiology Biology - General
Job Website	https://www.ubjobs.buffalo.edu/postings/48636

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Job Description

The **Postdoctoral Associate** position is immediately available in the lab of Dr. Ryan Hunter ([Department of Microbiology & Immunology](#)) for motivated postdoctoral scholars or research associates to pursue a Cystic Fibrosis Foundation / NIH-funded study focusing on the role of bacterial-mediated mucus degradation in the progression of chronic airway disease. This translational effort will leverage cutting-edge stable isotope probing and proteomic technologies, genomics and microbiome analysis, imaging, epithelial cell culture, and animal models of airway disease to probe *in vivo* bacterial activity and their interactions with the host epithelium.

Responsibilities will include:

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- Conducting routine experiments following appropriate protocols and procedures
- Recording results and maintaining accurate records of experiments
- Performing data interpretation, statistical analyses, data interpretations, and communicating findings with the PI
- Assisting in writing manuscripts related to the project
- Training junior members of the laboratory and assisting others when/where expertise is needed
- Performing weekly lab maintenance duties

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 The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. 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