

Postdoctoral Associate, Microbiology and Immunology  
University at Buffalo

Direct Link: <https://www.AcademicKeys.com/r?job=259025>

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Posted Jul. 3, 2025, set to expire Aug. 4, 2025

<b>Job Title</b>	Postdoctoral Associate, Microbiology and Immunology
<b>Department</b>	
<b>Institution</b>	University at Buffalo Buffalo, New York
<b>Date Posted</b>	Jul. 3, 2025
<b>Application Deadline</b>	07/02/2026
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Biomedical Sciences Biology - Microbiology
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**Job Description**

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**Postdoctoral Associate, Microbiology and Immunology**

**Position Information**

**Position Title:** Postdoctoral Associate, Microbiology and Immunology

**Department:** Microbiology and Immunology

**Posting Link:** <https://www.ubjobs.buffalo.edu/postings/57862>

**Job Type:**

## Postdoctoral Associate, Microbiology and Immunology University at Buffalo

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Full-Time

### Posting Detail Information

#### Position Summary

We are looking for motivated a **postdoctoral associate** to pursue a Cystic Fibrosis Foundation / NIH-funded study focusing on the role of bacterial-mediated mucus degradation in the progression of cystic fibrosis lung 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. The ideal candidates will have a PhD in microbiology, biochemistry, or related field, demonstrated research productivity, and expertise in any of the following areas: microbial genetics, physiology & metabolism, analytical biochemistry (FPLC/HPLC/LC-MS/MS), animal infection models, multi-omic approaches and data analysis, and/or anaerobic bacterial culture.

*Learn more:*

- Our [benefits](#), where we prioritize your well-being and success to enhance every aspect of your life.
- Being a part of the [University at Buffalo community](#).

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

#### Minimum Qualifications

Doctoral degree or equivalent degree in Microbiology or related field

#### Preferred Qualifications

Expertise in microbial genetics, analytical biochemistry (FPLC/HPLC/mass spectrometry), animal infection models, and/or anaerobic bacterial culture.

Experience with computational multi-omic data analysis

#### Physical Demands

#### Salary Range

\$56,484 - \$68,604

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### Special Instructions Summary

**Is a background check required for this posting?**

No

### Contact Information

**Contact's Name:** Ryan Hunter

**Contact's Pronouns:**

**Contact's Title:** Assistant Professor

**Contact's Email:** rhunter2@buffalo.edu

**Contact's Phone:** 716-829-2701

### Posting Dates

**Posted:** 07/02/2025

**Deadline for Applicants:** Open Until Filled

**Date to be filled:**

jeid-bd56451586e6d741abdcc0ad419eb657

### Contact Information

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

### Contact

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N/A

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