

## Postdoctoral Associate University at Buffalo

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Posted Feb. 21, 2025, set to expire Jun. 21, 2025

**Job Title** Postdoctoral Associate  
**Department** Microbiology and Immunology  
**Institution** University at Buffalo  
Buffalo, New York

**Date Posted** Feb. 21, 2025

**Application Deadline** Open until filled  
**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Genetics, Genomics & Molecular Biology  
Biomedical Engineering/Biomedical Sciences  
Biochemistry & Cellular Biology

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**Postdoctoral Associate, Microbiology and Immunology**

### Position Information

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

**Classification Title:** Postdoctoral Associate

**Department:** Microbiology and Immunology

**Posting Link:**

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<https://www.ubjobs.buffalo.edu/postings/55896>

**Job Type:** Full-Time

### Posting Detail Information

#### Position Summary

The **Postdoctoral Associate** position is immediately available in the lab of Dr. Yolanda Huang ( [Department of Microbiology & Immunology](#)). The lab's research focuses on discovering new functions encoded among gut anaerobic bacteria and bacteriophages using high-throughput functional genomics. We are also interested in bacteria-phage interactions and how phages alter bacterial physiology and microbial composition dynamics. The overall goal is to advance our understanding of the gut microbiota at the molecular level. Research projects leverage cutting-edge techniques, including DNA barcoding, short and long-read sequencing technologies, and high-throughput functional genomics.

**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 pursuits - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our [benefits 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.

#### Minimum Qualifications

- PhD in Microbiology, Bioengineering, Biochemistry, Bioinformatics or a related field

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**Preferred Qualifications**

- Expertise in one or more of the following: isolation/cultivation of anaerobes and/or phages, anaerobic techniques, functional genomics, sequencing, high-throughput assay development, biochemistry, bioinformatics, analytical chemistry (LC-MS, HPLC), and microbial genetics
- Self-motivation, ability to work independently and collaborative within a team, time-management, and organizational skills, strong communication skills

**Salary Range**

\$56,484 - \$68,604

**Special Instructions Summary**

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

No

**Contact Information**

**Contact's Name:** Yolanda Huang

**Contact's Pronouns:**

**Contact's Title:** Assistant Professor

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

**Contact's Phone:** 716-829-2279

**Posting Dates**

**Posted:** 07/31/2024

**Deadline for Applicants:** Open Until Filled

**Date to be filled:**

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**Contact Information**

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

**Contact**

N/A

University at Buffalo

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