

Postdoctoral Associate, Microbiology and Immunology
University at Buffalo

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

Job Title	Postdoctoral Associate, Microbiology and Immunology
Department	
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)	Microbiology & Virology Immunology & Infectious Diseases
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Job Description

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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

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Physical Demands

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:

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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