

Associate or Full Professor, Empire Innovation Professor,
Biomedical Engineering
University at Buffalo

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Posted Oct. 21, 2025, set to expire Aug. 4, 2026

Job Title	Associate or Full Professor, Empire Innovation Professor, Biomedical Engineering
Department	
Institution	University at Buffalo Buffalo, New York
Date Posted	Oct. 21, 2025
Application Deadline	10/20/2026
Position Start Date	Available immediately
Job Categories	Associate Professor Professor
Academic Field(s)	Biomedical Engineering & Bioengineering
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Job Description

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Associate or Full Professor, Empire Innovation Professor, Biomedical Engineering

Position Information

Position Title: Associate or Full Professor, Empire Innovation Professor, Biomedical Engineering

Department: Biomedical Engineering

Posting Link: <https://www.ubjobs.buffalo.edu/postings/59564>

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Posting Detail Information

Position Summary

The **Department of Biomedical Engineering** (BME) at University at Buffalo (UB) invites candidates to apply for a position at the **Associate Professor** or **Full Professor** level to be known as Professor of Empire Innovation. Selected candidates will receive support through the SUNY Empire Innovation Program (EIP) which recognizes high caliber faculty with proven track records of externally funded research.

We invite applications from prominent leaders in the broad fields of AI and Biotechnology. Priority will be given to research areas such as AI-assisted diagnostics, AI-accelerated drug discovery and development, AI-enabled personalized medicine, AI-optimized healthcare delivery, and AI-enhanced biomanufacturing.

The Department of Biomedical Engineering is a joint venture between the School of Engineering and Applied Sciences (SEAS) and the Jacobs School of Medicine and Biomedical Sciences (JSMBS). Previous University investments in faculty and facilities have enabled BME Department to play a key role in the expanding biomedical and biotechnology corridor in the Buffalo-Niagara region.

The successful candidate should have a record of scholarly accomplishments, a sustained externally funded research program, and teaching experience. The successful candidate will be expected to maintain an active research program, teach courses at the graduate and undergraduate levels, mentor graduate students, and advise students at all levels.

The successful candidate will be expected to collaborate with scientists, engineers and clinicians in a multidisciplinary research environment spanning all Schools of the University as well as the Institute for Artificial Intelligence and Data Science, the Gates Vascular Institute, the Jacobs Institute, the New York State Center for Excellence in Bioinformatics & Life Sciences, Roswell Park Comprehensive Cancer Center, and Great Lakes Cancer Care Collaborative. Additionally, the newly launched Innovation Hub provides opportunities and resources to commercialize technology and launch new companies.

About the University at Buffalo

The University at Buffalo (UB), a member of the prestigious American Association of Universities, is the largest, most comprehensive, and a flagship university in the State University of New York (SUNY) system. UB is tied for No. 36 among 225 public universities in the 2026 U.S. News Best Colleges rankings and comes in at No. 75 in best national universities, which includes major public and private colleges and universities nationwide. UB enrolls approximately 22,000 undergraduates, 10,000

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graduate students, and employs 1,600 full-time faculty. More details about the UB BME department can be found here: bme.buffalo.edu.

About Buffalo

Buffalo is a city with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, the Lake Erie waterfront, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, ready access to the outdoors and related activities (hiking, skiing, fishing, swimming, golfing, boating); four seasons; and both major league (Bills [football], Sabres [hockey], Bandits [lacrosse]) and minor league (Bisons [baseball; Triple-A affiliate of the Toronto Blue Jays]) sports teams. Buffalo sits proximal to two Great Lakes (Erie and Ontario); awe-inspiring Niagara Falls; and southern Ontario, Canada, including the greater metropolitan area of Toronto. The BME department is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living.

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](#).

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.

Minimum Qualifications

- Applicants must possess a PhD or MD/PhD in biomedical engineering or a closely related field.
- Candidates must demonstrate excellence in research, teaching, service and mentoring.
- Candidates should be internationally recognized scholars as evidenced by peer-reviewed publications, citations and sustained externally funded research programs.

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Preferred Qualifications

Physical Demands

Salary Range

Commensurate with Experience

Job Type

Full-Time

Special Instructions Summary

The application package should consist of a cover letter, a curriculum vitae, a teaching statement (no longer than two pages), a research statement (no longer than three pages); a service statement (no longer than two pages) and contact information for three references. When selected for interview referees will be emailed to upload their reference letters.

Is a background check required for this posting?

No

Contact Information

Contact's Name: Jun Xia

Contact's Pronouns:

Contact's Title: Professor

Contact's Email: junxia@buffalo.edu

Contact's Phone: 716-645-8628

Posting Dates

Posted: 10/20/2025

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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