

Assistant Professor - Mechanical and Biomedical
Engineering
Boise State University

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Posted Jul. 1, 2025, set to expire Aug. 15, 2025

Job Title	Assistant Professor - Mechanical and Biomedical Engineering
Department	Mechanical and Biomedical Engineering https://www.boisestate.edu/coen-mbe/
Institution	Boise State University Boise, Idaho
Date Posted	Jul. 1, 2025
Application Deadline	Aug. 15, 2025
Position Start Date	August 2026
Job Categories	Assistant Professor
Academic Field(s)	Robotics Mechatronics Mechanical Engineering Manufacturing & Quality Engineering Bioengineering (all Bio-related fields)
Apply Online Here	https://jobs.boisestate.edu/en-us/job/499087/assistant-professor-mechanical-and-biomedical-engineering

Apply By Email

Job Description

The [Department of Mechanical and Biomedical Engineering](#) at Boise State University invites applications for up to two tenure-track **Assistant Professor positions with an anticipated start in Fall 2026**. We are seeking candidates who can collaborate with faculty within our department and with other departments and centers across the campus and state (e.g., Idaho National Lab), and can utilize our interdisciplinary PhD programs in Engineering, Computing, Electrical and Computer Engineering, Biomedical Engineering, and Materials Science and Engineering. All outstanding candidates will be

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considered, but preference will be given to candidates with the following research areas:

- Robotics, Mechatronics, and Control
- Biomedical Engineering
- Advanced Manufacturing

The successful candidate is expected to maintain an externally funded research program, foster a collaborative learning environment using evidence-based practices, communicate effectively with colleagues and students, and collaborate with faculty and industry/community partners on interdisciplinary research initiatives. You will also contribute to the department's growth through teaching, mentoring students, and participating in departmental, college, and/or university committees. Our department is committed to balancing the research and teaching commitments of junior faculty so that our new colleagues can establish a thriving research program.

Department Overview:

Welcome to the Department of Mechanical and Biomedical Engineering within the [College of Engineering](#) at Boise State University, where innovation and impact drive our community of educators and learners. The College of Engineering (COEN) at Boise State is the largest engineering college in Idaho. With over 500 students, the Mechanical and Biomedical Engineering department is one of the largest of the seven COEN departments and is affiliated with five separate transdisciplinary PhD programs. Our department is founded on a set of core values that define our culture and guide our actions: development of people, respect, integrity, and community.

Our department offers a diverse range of undergraduate and graduate programs to equip students with the knowledge and skills they need to excel in the field of engineering. Our teaching philosophy emphasizes experiential learning, with hands-on design opportunities integrated throughout the curriculum. Our state-of-the-art fabrication facility, the Engineering Innovation Studio, provides students access to cutting-edge equipment and expert guidance. Faculty in our department lead groundbreaking research in a variety of areas while also contributing to a collaborative and inclusive environment.

Research expenditures in the department have tripled in the past five years to nearly \$3 million annually, and MBE faculty have been successful in obtaining funding from a wide variety of agencies, including the Department of Energy, National Science Foundation, and National Institutes of Health. Current faculty include four NSF CAREER awardees, two NIH R01 awardees, a Beckman Young Investigator, two Golden Apple winners (University award for best instructor), and an ASEE national award winner for Outstanding Teaching.

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Joining us means becoming part of an enthusiastic team of faculty and staff that fosters a culture of innovation, publishes groundbreaking research, and nurtures a collaborative and inclusive environment. Together, we empower students to make a meaningful impact in the world of engineering.

About Boise State:

Nestled along the Boise River and steps from the state capitol, Boise State University fosters a vibrant and welcoming academic environment that fuels student and employee success. We're a trailblazing institution, nationally recognized for our innovative spirit and commitment to positively impacting Idaho and beyond.

We're building a thriving community of faculty and staff whose unique skills, experiences, and perspectives come together to create a rich and rewarding academic experience. Applications from all backgrounds are welcome.

[Learn more about faculty careers at Boise State and the City of Boise.](#)

Minimum Qualifications:

- Ph.D. in Mechanical Engineering, Biomedical Engineering, or a closely related field
- Potential to develop a successful, independent research program
- Ability to work collaboratively
- Strong communication and interpersonal skills

Preferred Qualifications:

- Competency to instruct courses in at least one of the following areas is highly desired: **Solid Mechanics, System Modeling & Control, and Design.**
- A track record of **research and publications**
- Experience in **teaching undergraduate and graduate mechanical engineering courses**
- Experience in **interdisciplinary research collaborations**

Required application materials:

- A cover letter detailing the following:
 1. Your interest in the position
 2. Your research and teaching experience
- Detailed curriculum vitae

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- **Statement of Research Interests** (3-page maximum, please detail your ongoing and future research plans)
- **Statement of Teaching Philosophy** (3-page maximum, please state the topics and courses you are qualified to teach)

EEO/AA Policy

Boise State University is committed to providing equal employment opportunities to all employees and qualified applicants for employment as provided for by federal, state, and local law. The University endeavors to recruit, hire, train, and promote the most qualified employees in all job titles. All other personnel actions are administered without regard to protected class under federal, state, or local law. The University may also have specific legal obligations as a federal contractor. The Chief Human Resources Officer is responsible for monitoring University practices and procedures to ensure compliance with this policy and federal, state, and local laws. If you require an accommodation at any step in our recruitment process, you are encouraged to contact (208) 426-1616 or hrs@boisestate.edu

Contact Information

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

Contact Mahmood Mamivand
Mechanical and Biomedical Engineering
Boise State University
Boise, ID

Contact E-mail mahmoodmamivand@boisestate.edu