



Lecturer/Instructor in Biomedical Engineering Design

Applications are invited for a Lecturer (full-time teaching faculty) in the Biomedical Engineering (BME) Design Program at the University of Michigan. The successful candidate will be part of a dedicated teaching team focused on experiential learning, engineering design, and professional development of biomedical engineers.

The BME Department at the University of Michigan in Ann Arbor (bme.umich.edu) is a joint department between the College of Engineering and the Medical School. It harnesses intellectual and physical resources from across campus to create a world-class learning environment. Applications from individuals in all areas of biomedical engineering and related disciplines will be considered, and we seek candidates who can contribute to our educational mission in the following ways:

- provide instruction and support in the undergraduate and graduate BME Design programs
- contribute to hands-on and other experiential teaching
- enjoy working with student teams

We are particularly interested in candidates with experience in one or more of the following areas:

- Mechanical design and testing
- Computational modeling, simulation, and software
- Biomedical instrumentation
- Product development under design control
- Prototyping, assembly, manufacturing

The main responsibilities of this position are:

- Teaching of biomedical engineering courses, with an emphasis on engineering fundamentals, instrumentation, and design. Teaching load is expected to be up to 4 courses per academic year, and course assignments will depend on expertise and interest.
- Instruction and mentorship of student teams in design-build-test experiences. Projects address unmet clinical needs by developing new medical devices, combination products, and other healthcare technologies.
- Contribution to curricular development and continuous improvement of the BME Design program through departmental service and professional development.

Applicants should have a PhD in engineering or the physical sciences, or a BS/MS degree with significant and relevant industry experience. Desired qualifications include a demonstrated commitment to teaching and education, as well as a strong motivation to improve the educational experience and engage students in experiential learning. We are especially interested in candidates who can contribute through their teaching and service to the diversity and excellence of the academic community.

To apply, please submit the following **as a single PDF document** to the [University of Michigan Careers website](https://careers.umich.edu): cover letter, current CV, teaching statement, diversity statement, and contact information of three professional references. Applications will be reviewed on a rolling basis beginning June 15, 2024 until the position is filled. The start date is flexible between August 2024 and August 2025.

The University of Michigan is an Equal Opportunity Affirmative Action Employer and is responsive to the needs of dual career families. The University has a strong commitment to Diversity, Equity and Inclusion (DEI), as detailed in the [University's DEI strategic plan](https://www.umich.edu/dei).

This position is planned at the level of Lecturer III and is covered under the collective bargaining agreement between the U-M and the [Lecturers' Employee Organization](https://www.umich.edu/leuo). AFL-CIO, which contains and settles all matters with respect to wages, benefits, hours and other terms and conditions of employment.

[Direct link](https://careers.umich.edu/job_detail/249649/leo-lecturer-iii) to position announcement: careers.umich.edu/job_detail/249649/leo-lecturer-iii