

Instructor in Biomedical Engineering

Arizona State University
Ira A. Fulton Schools of Engineering
School of Biological and Health Systems Engineering
Location: Arizona State University – Tempe Campus

The [Ira A. Fulton Schools of Engineering](https://www.asu.edu/ira-fulton-schools-engineering) and the School of [Biological and Health Systems Engineering](https://www.asu.edu/school-biological-and-health-systems-engineering) (SBHSE) at [Arizona State University](https://www.asu.edu) (ASU) seek applicants for an instructor. SBHSE, one of the seven Fulton Schools, houses a vibrant multidisciplinary bioengineering research community with expertise in synthetic biology, systems bioengineering, bioimaging, biosensors, molecular, cellular and tissue engineering, regenerative medicine, and neural rehabilitation engineering (learn more at <https://research.engineering.asu.edu/>).

Appointments will be made at the instructor rank beginning in August 2023. We seek applicants who will contribute to our academic programs, promote transdisciplinary teaching, and help the university to achieve its aspirations, including enabling student success, transforming society, and valuing entrepreneurship. Job responsibilities include teaching undergraduate courses in biomedical engineering in both on-campus and online formats. Other responsibilities include holding office hours, supervising undergraduate design and research projects, and participating in the course and program assessment. This position is a non-tenure track. It is anticipated that the contract will be renewed annually, subject to satisfactory performance and the needs of the unit.

Qualifications

Required qualifications:

- Earned master's degree in Biomedical Engineering, or a field related to the stated teaching focus of this position, by the time of appointment.
- Teaching experience in an undergraduate engineering program

Desired qualifications:

- Demonstrated record of excellence in teaching that incorporates active learning and expertise in Biomedical Engineering curriculum innovation.
- History of university-level instruction related to Biomedical Engineering undergraduate courses and basic applied mathematics with an emphasis on physiology for engineers, biomedical instrumentation, biomaterials, and/or molecular techniques.
- Familiarity with the Accreditation Board for Engineering and Technology (ABET) processes.
- Ideally, the position will include curating and managing interactions with external partners for student projects, including capstone design projects. The ability to manage a cell culture facility for student projects is considered a plus.

Application Instructions

The application deadline is August 6, 2023. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled. To apply, visit <https://hiring.engineering.asu.edu/> and select “apply now” next to the corresponding position. Candidates will be asked to create or use an existing Interfolio Dossier to submit the following:

- Cover letter
- Curriculum Vitae
- Statement describing teaching interests and philosophy (two pages maximum)
- Statement describing commitment and approaches to advance Diversity, Equity, Inclusion, and belonging*
- Contact information for three references

*The ASU Charter states, “ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.” The Fulton Schools of Engineering are dedicated to continuous innovation, student success, faculty excellence, and the cultivation of an environment that is diverse, equitable, inclusive, and promotes belonging. The diversity statement provides applicants an opportunity to demonstrate their past and current activities in promoting diversity, equity, inclusion, and belonging and how future activities will align with upholding the ASU Charter.

For additional information regarding position specifics, please email the search committee chair, Professor Sarah Stabenfeldt, at sarah.stabenfeldt@asu.edu.

Equal Employment Opportunity Statement

A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. (See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>.)

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.