

Professor (all ranks) in Molecular, Cellular, and Tissue Engineering

The Ira A. Fulton Schools of Engineering (FSE) at Arizona State University (ASU) and the School of Biological and Health Systems Engineering (SBHSE) seeks applicants for tenure-track/tenured faculty positions in molecular, cellular, and/or tissue engineering with emphasis in regenerative medicine. Appointment will be at the assistant, associate, or full professor rank commensurate with the candidate's experience and accomplishments, beginning August 2021. Although appointments may be in any of Fulton Engineering's six schools, the School of Biological and Health Systems Engineering is currently most involved in regenerative medicine.

Specific areas of expertise and interest include, but are not limited to, development of synthetic biology tools and technologies related to cellular pathway engineering, biomanufacturing systems, and gene editing strategies; developmental biology using animal or stem cell-based systems; translational regenerative medicine approaches including, but not limited to, *in vivo* applications of human-derived stem cells, *in vivo* gene delivery technologies; innovative biomaterials and biomanufacturing including, but not limited to bioinspired materials, protein-based materials, and 3D bioprinting; bioinformatic and computational biology as it relates to above mentioned areas; and epigenetics and chromatin structure, next generation sequencing, single-cell omics.

We seek applicants who will contribute to our programs and will leverage investments by the university in promoting interdisciplinary teaching and research. These investments include, among others, collaborations with our health partners in the local area including the Mayo Clinic (www.mayoclinic.org/), Translational Genomics Institute (www.tgen.org), Barrow Neurological Institute (www.barrowneuro.org), Banner Health (www.bannerhealth.com) and Phoenix Children's Hospital (www.phoenixchildrens.org).

Faculty members are expected to develop an internationally recognized and externally funded research program, teach undergraduate and graduate courses, mentor undergraduate and graduate students, foster and contribute to inclusive work environment, and undertake service activities.

Required qualifications:

- Ph.D. in biomedical engineering or a related field or an MD in a related field; and
- Evidence of excellence in research and teaching as appropriate to the candidate's rank

Desired qualifications:

- Commitment to trans-disciplinary teaming;
- Ability to engage in well-established research initiatives with numerous health care providers within the Phoenix area; and
- Commitment to promoting diversity, equity, and inclusion that align with upholding the ASU Charter.

Application deadline is December 23, 2020. 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
- Research Statement (4 page limit)
- Teaching Statement (2 page limit)
- Diversity Statement* (2 page limit)
- 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 diversity statement provides applicants an opportunity to demonstrate their past and current activities in promoting diversity, equity, and inclusion and how future activities will align with upholding the ASU Charter.

For more information or questions about this position, please contact the search committee chair, Professor Sarah Stabenfeldt, via email at Sarah.Stabenfeldt@asu.edu.

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.