

Faculty Positions in Biological Engineering with Health Applications

The Fulton Schools of Engineering at Arizona State University (ASU) are seeking applicants for tenure-track/tenured faculty positions in the area of biological engineering with health applications. **Areas of interest relevant to human health applications include, but are not limited to: synthetic biology approaches, molecular and cellular engineering, human-microbe interactions, systems biology and computational biology, biopharmaceuticals, and biomaterial development.**

We seek applicants who will contribute to our programs and will leverage investments by the University, including the Biodesign Institute, and collaborations that promote interdisciplinary teaching and research. Our health partners in the Valley include the Mayo Clinic (<http://www.mayoclinic.com>), Translational Genomics Institute (TGEN; <https://www.tgen.org>), Barrows Neurological Institute (<http://www.thebarrow.org>), Banner Health (<http://www.bannerhealth.com>) and Phoenix Children's Hospital (<http://www.phoenixchildrens.org>). The current openings are intended to broaden our expertise and expand collaborations.

Required qualifications include an earned doctorate in Chemical Engineering, Biomedical Engineering, Materials Science and Engineering, Mechanical Engineering or a field related to the search topics. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Desired qualifications include a commitment to a collaborative, transdisciplinary approach to research and teaching.

Faculty members are expected to develop an internationally recognized and externally funded research program, develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and undertake service activities within the university, in the professional community and at the national level.

Appointments will be at the **assistant, associate or full professor** rank commensurate with the candidate's experience and accomplishments, beginning August 2017. Although the faculty appointment may be in any of the six Fulton Schools of Engineering, the Chemical Engineering, Materials Science and Engineering, and Mechanical Engineering programs in the School for Engineering of Matter, Transport and Energy are currently among the most involved in the interest areas of the search.

Review of applications will begin **November 17, 2016** and reviews will occur on the 1st and 15th of the month thereafter until the search is closed. To apply, please submit as a single PDF file containing a cover letter, current CV, statements describing research and teaching interests and contact information for three references to bio-health.faculty@asu.edu.

For more information or questions about these positions, please contact the search committee chair Professor César I. Torres (cit@asu.edu).

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 ASU's full non-discrimination statement (ACD 401) at <https://www.asu.edu/aad/manuals/acd/acd401.html> and the Title IX statement at <https://www.asu.edu/titleIX/>.

ASU offers applicants an opportunity to voluntarily disclose information for the University's affirmative action plan; applicants may complete an [EEO Survey](#) for the position they are applying for online.

Job Number: 11727

Job Title: Biological Engineering

Department Name: Engineering