



**Professor (All Ranks) in Bio-inspired Computation
Job # 16544**

The Ira A. Fulton Schools of Engineering (FSE) at Arizona State University (ASU) and the Biodesign Center for Biocomputation, Security and Society (CBSS) invite applications for a tenured or tenure-track faculty position. We are particularly interested in tenure-track applicants but will consider exceptionally strong senior candidates. The tenure home may be in any of the Fulton Schools of Engineering, although the School of Computing, Informatics and Decision Systems Engineering is currently the most involved in the interest areas of the search. The position is joint between FSE and the Biodesign Center for Biocomputation, Security and Society (CBSS). CBSS focuses on projects that require tight integration of biological principles and computational abstractions, emphasizing defenses against malicious behavior in natural and artificial complex systems. Areas of interest include: adaptive systems, evolutionary computation, bio-inspired AI and algorithms, computational modeling (especially immunology, evolution, and cancer), cybersecurity, and intelligent systems. Originality, fit with the Center, strong interdisciplinarity, and the potential impact of the candidate are higher priorities than specific research area.

We seek applicants who will contribute to our programs and expand collaborations between the Biodesign Institute and FSE. Located in Tempe with easy access to the outdoors and urban amenities, ASU's vibrant and innovative approaches to research and teaching are charting new paths in education and research in the public interest. Faculty members are expected to develop an internationally recognized and externally funded research program, adopt innovative educational practices in graduate and undergraduate education, 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 a national level.

Required qualifications include an earned doctorate in computer science, engineering, biological sciences, or related field and demonstrated research and teaching excellence appropriate to the candidate's rank. **Desired qualifications** include demonstrated commitment to interdisciplinary research and teaching, history of extramural funding, and record of significant publications.

Appointments are expected to begin August 2021. Teaching responsibilities will be to the School to which the candidate is appointed, and the research program will be closely tied to Biodesign CBSS. Applications should clearly address the candidate's teaching qualifications and experience relevant to a particular FSE program.

Application deadline is **January 21, 2021**. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may be reviewed in the order in which they were received until the position is filled. Apply at <https://hiring.engineering.asu.edu>. Candidates will be asked to submit the following through their Interfolio Dossier:

- Cover letter
- Current CV
- Statement describing research interests
- Statement describing teaching interests
- Diversity statement*
- Contact information for four references



*Candidates are required to submit a Diversity Statement (one page maximum) which outlines their experience and commitment to enhancing diversity and access to education and working broadly with diverse communities.

For further information or questions about the search please contact Professor Stephanie Forrest (steph@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/>.

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.