



POSITION ANNOUNCEMENTS

Multiple Tenure-Track, Tenure Faculty Appointments in Electrical and Computer Engineering

Areas of hiring for assistant or associate professor; full professor for exceptional candidates

- Information Theory
- Signal Processing
- Wireless Networks
- Machine Learning
- Computer Architecture
- Mixed-Signal Circuit Design
- Cybersecurity
- Quantum Computing

The Successful Candidate

Successful candidates will join a highly respected faculty team and will have the opportunity to engage with industrial partners as well as faculty throughout the University and from partner universities. New faculty members will develop and maintain a vigorous, nationally recognized and externally funded research program; contribute to an academic environment that nurtures collaboration and participation in outreach and contribute to departmental, college, and university service. In these, and other ways, the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity, and expanding collaborations with community and business partners.

Qualifications

- PhD in Electrical and Computer Engineering or a related discipline. Must be earned prior to employment
- Minimum 2 years of research experience in academia, industry or government
- Commitment to excellence in teaching courses at undergraduate and graduate levels in the areas of recruitment
- Potential to establish a strong, high-visibility, high-quality, externally-funded research program
- Ability to engage in existing and future large collaborative research endeavors
- Contribute to mentoring students, including those historically underrepresented in higher education
- Ability to work effectively with faculty from a variety of disciplines in colleges across campus

ECE Department

With 33 full-time faculty members, ECE is the largest department in the UA College of Engineering. The department research areas include electromagnetics, wireless networks, information theory, biomedical technologies, optical communications, signal and image processing, autonomic computing, sensor networks, artificial intelligence, and reconfigurable computer architectures. Annual external research expenditures exceed \$5.4 million. More than 480 declared undergraduate majors and 320 graduates are enrolled in the department, which offers BS, MS and PhD programs in electrical and computer engineering. U.S. News & World Report ranks ECE among the top 40 electrical/computer engineering programs.

College of Engineering

The 132-year-old UA engineering program external research expenditures exceed \$23 million, has 16 undergraduate engineering majors, and enrolls 2,830 undergraduate and 850 graduate students.

University of Arizona

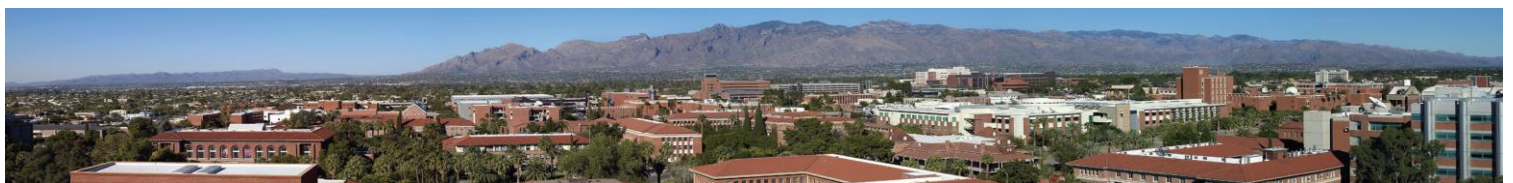
Generating more than \$600 million in research expenditures, UA is ranked among the nation's top 25 of public research universities. In areas such as the environment, optics, space sciences and biosciences, UA is one of the best in the world. The University enrolls 43,625 students.

Tucson

Tucson is a technology and bioscience hotspot with concentrations of business representing advanced materials, environmental technology, aerospace and space technologies, and bioscience.

Application Submission

To be considered, applications must cite job number F21229, and must be submitted online at <https://uacareers.com/>. Application review begins February 1, 2018 and continues through the 2018 calendar year until positions are filled. The University of Arizona is an EEO/ AA Employer – M/W/D/V and is committed to the support and encouragement of a multi-cultural environment. ECE seeks candidates who can make a positive impact on and contributions to ethnic, cultural and intellectual diversity. More info: <http://ece.arizona.edu/faculty-openings>





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