ARIZONA | ece
Department of Electrical and Computer Engineering

POSITION ANNOUNCEMENTS
Tenure-Track, Tenure Faculty Appointment in Electrical and Computer Engineering
Areas of hiring for Assistant or Associate Professor

- Artificial Intelligence
- Machine Learning
- Mixed-Signal Circuit Design

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 of engineering 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 million. More than 450 declared undergraduate majors and 350 graduates are enrolled in the department, which offers BS, MS and PhD programs in electrical and computer engineering.

College of Engineering

The 133-year-old UA engineering program external research expenditures exceed $23 million, has 15 undergraduate engineering majors, and enrolls 2,970 undergraduate and 953 graduate students.

University of Arizona

Generating more than $600 million in research expenditures, UA is ranked 22nd in research and development expenditures among US public universities and colleges. In areas such as astronomy, medicine, optics, entrepreneurship, and dance, UA is one of the best in the world. The University enrolls 44,831 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 F21668, and must be submitted online at https://uacareers.com/postings/33395. Application review begins January 15, 2019 and continues through the 2019 calendar year until the position is filled. At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As an Hispanic-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, or disability. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness. 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