



JOB POSITION ANNOUNCEMENTS

Tenure-track, Tenured Faculty Positions in Electrical and Computer Engineering

Areas of hiring for Assistant or Associate Professor

- Information & Network Security
- IoT Security
- Security of Autonomous Systems
- Machine Learning & AI Security
- Mobile/Wearable Security & Privacy
- Anonymity
- Cyber Physical System (CPS) Security
- Cloud Security
- Cybersecurity Operations & Analytics
- Intrusion Detection & Prevention
- Blockchain Security & Cryptocurrencies
- Security in 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 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.

In our effort towards inclusive excellence, applications from underrepresented minorities are encouraged.

Qualifications

- PhD in Electrical and Computer Engineering or a closely-related discipline. Must be earned prior to employment
- Strong commitment to teaching and mentoring of students
- A high potential or track record of developing a nationally-recognized research program, supported by external grants and contracts
- Strong track record of peer-reviewed publications commensurate with rank
- Effective communication skills

ECE Department

With 33 full-time faculty members, ECE is the largest department in the UArizona 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 400 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 134-year-old UArizona engineering program external research expenditures exceed \$23 million, has 15 undergraduate engineering majors, and enrolls around 3,000 undergraduate and 1,000 graduate students.

University of Arizona

Generating more than \$690 million in research expenditures, UArizona is ranked 25th in research and development expenditures among US public universities and colleges. In areas such as astronomy, medicine, optics, entrepreneurship, and dance, Arizona is one of the best in the world. The University enrolls 45,217 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 F22138 and must be submitted online at <https://uacareers.com/postings/43207>. Application review begins January 20, 2020 and continues through the 2020 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 a 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, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. 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. For additional info: <https://ece.engineering.arizona.edu/faculty-staff/open-positions>.