

Position Announcement

Title: Assistant /Associate Professor – Faculty Position in Electrical and Computer Engineering

Department: Electrical and Computer Engineering

Search #2017108

Campus/Location: Storrs Campus

Position Summary

The Electrical and Computer Engineering (ECE) Department invites applications for a tenure-track faculty position to conduct research, education and outreach related to electrical and computer engineering.

The successful candidate will:

- Develop, sustain, and grow an externally funded research program of excellence in his/her area of expertise.
- Teach undergraduate and graduate courses that meet the curricular needs of the ECE department.
- Advise and mentor undergraduate and graduate students.
- Provide service and leadership to all units of the University of Connecticut, to external academic and scientific communities, and to the general public.

The University of Connecticut (UConn) is entering a transformational period of growth supported by the \$1.7B *Next Generation Connecticut* (<http://nextgenct.uconn.edu/>) and the \$1B *Bioscience Connecticut* (<http://biosciencect.uhc.edu/>) investments and a bold new *Academic Plan: Path to Excellence* (http://issuu.com/uconnprovost/docs/academic-plan-single-hi-optimized_1). As part of these initiatives, UConn has hired more than 450 new faculty at all ranks during the past three years.

The ECE Department (<http://www.engr.uconn.edu/ece>) offers ABET-accredited undergraduate majors in electrical and computer engineering as well as a doctoral program in electrical engineering, which was highly ranked by the National Research Council (NRC) in its latest ranking. The Department currently has 27 faculty members, 246 undergraduate and 125 graduate students, and actively engages in research in fields including systems and energy, communications and signal/image processing, biomedical engineering, microelectronics, photonics and optoelectronics, electromagnetics, nanotechnology, VLSI, computer engineering, and security. Scholarly productivity stimulated by research is strong. During 2015-16, the faculty publications included approximately 131 refereed journal articles and 159 full conference proceedings. The faculty worked on 118 sponsored grants with annual expenditures of \$6.9 million.

The successful candidate will be expected to contribute to research & scholarship through extramural funding, high quality publications, impact as measured through citations, and national recognition as through honorific awards. In the area of teaching, successful candidate will share a deep commitment to effective instruction at the undergraduate and graduate levels, development of innovative courses and mentoring of students in research, outreach and professional development. Successful candidates will also be expected to broaden participation among members of under-represented groups; demonstrate through their research, teaching, and/or public engagement the richness of diversity in the learning experience; integrate multicultural experiences into instructional methods and research tools; leadership in developing pedagogical techniques designed to meet the needs of diverse learning styles and intellectual interests.

Minimum Qualifications

1. Completion of all requirements for a Ph.D. in Electrical Engineering or a closely related field by the time of the appointment. Equivalent foreign degrees are acceptable.
2. Research credentials in Electrical Engineering.
3. A background that provides preparation for teaching excellence in undergraduate and graduate courses in the ECE department.
4. Excellent oral and written communication skills.
5. Strong interpersonal skills.
6. Demonstrated success in original research, and publication of that work in archival journals.
7. Experience with oral presentations at national or international scientific meetings.

Preferred Qualifications

1. Research credentials in a specialty that is of interest to the ECE department and that complements existing faculty expertise.
2. Experience as a post-doctoral or industry researcher in a research-competitive environment.
3. Exposure to developing research grant applications to federal funding agencies.
4. Interest in collaboration with industry.

This is a 9-month tenure-track position with an expected start date of August 23, 2017. The successful candidate's primary academic appointment will be at the Storrs campus with the possibility of work at UConn's regional campuses across the state. Salary and rank will be commensurate with qualifications.

Applications must be submitted using Husky Hire (www.jobs.uconn.edu). Please submit the following and include the search #2017108: a cover letter, curriculum vita, a three- to five- page research plan, a two- to three- page teaching plan, and the names and contact information of four reference writers. The requested submission format is a single PDF file in the order listed. Any questions should be sent to: marymc@engr.uconn.edu.

Review of applications will start immediately. Employment of the successful candidate will be contingent upon the successful completion of a pre-employment criminal background check.

This job posting is scheduled to be removed at 11:59 PM eastern on January 06, 2017.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.