

UConn

SCHOOL OF ENGINEERING

ELECTRICAL & COMPUTER
ENGINEERING

Position Announcement

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

Department: Electrical and Computer Engineering

Search #2014284

Campus/Location: Storrs Campus

Position Summary

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

- Develop, sustain, and grow an externally funded research program of excellence in mixed-signal/analog/RF circuit/system design and testing with bio- or computer-related applications.
- Teach undergraduate and graduate courses that meet the curricular needs of our 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.

These are momentous times for UConn Engineering as we welcome unprecedented numbers of incoming, highly qualified students to our undergraduate programs; expand our collaborations with industry partners; nurture the entrepreneurial spirit of our students and faculty; and strategically grow our research expertise in core areas of enormous importance to the nation.

In response to transformative new partnerships with industry and a state-bonded \$1.8B investment in STEM infrastructure and education at UConn, the University expects to hire over 500 new faculty in all by 2023. The School of Engineering is accelerating its faculty hiring in strategic areas. For the 2013-14 academic year, UConn Engineering has hired 22 new tenure-track faculty members (including 5 in the ECE Department) in Advanced Manufacturing & Materials, Genomics and Biomedical Engineering, and Human Sustainability & Physical and Cyber Infrastructure Resilience.

Key developments driving this growth also include the establishment in 2013 of a \$7.5M General Electric Partnership for Advanced Materials, \$4.5M Pratt & Whitney Additive Manufacturing Innovation Center, \$4.8M Fraunhofer Center for Energy Innovation, \$1M/year Center for Hardware Assurance & Security Engineering and an anticipated \$10M UTC Institute for Advanced Systems Engineering.

Minimum Qualifications

1. Completion of all requirements for a Ph.D. in Electrical Engineering or Computer Engineering or a closely related field by the time of the appointment. Equivalent foreign degrees are acceptable.
2. Research credentials in Electrical or Computer 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.

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8. Senior candidates at full professor level should have established significant research programs with a track record of external funding as well as demonstration of a leadership role as the PI of large research grants.

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, 2014. 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 upload your curriculum vita, a three- to five- page research plan, a two- to three- page teaching plan, and the names and contact information of four references. 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. Please reference the search number in your application submission.

This job posting is scheduled to be removed at 11:59 PM eastern on January 7, 2014.

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.