

**Position Announcement**  
**Assistant Professor of Electrical Engineering**  
**Department of Electrical, Computer and Biomedical Engineering**  
**University of Rhode Island**

Applications are invited for a tenure-track position in Electrical Engineering at the rank of Assistant Professor beginning in Fall 2012. Candidates are required to have a strong background in the one or more of the traditional EE fields of electromagnetics, circuits and systems, communications and control, micro-electronics and electronic devices, and signal processing; preference will be given to candidates with research interest/experience in the intersection of these fields with sensors and instrumentation. The starting date is negotiable, and salary is commensurate with qualifications and experience.

A PhD in electrical engineering, or closely related field, is required at the time of appointment. The successful candidate must have the ability to teach and develop new undergraduate and graduate courses while conducting high quality research in electrical engineering.

The current 18 full-time faculty in the Department of Electrical, Computer and Biomedical Engineering offer programs leading to the BS, MS, and PhD degrees. The interdisciplinary nature of our Department can provide the new faculty member with opportunities to also teach courses in biomedical engineering or computer engineering. Collaborative, interdisciplinary research and teaching opportunities also exist with faculty from the URI departments of Ocean Engineering, Mechanical, Industrial and Systems Engineering, Chemical Engineering, Civil and Environmental Engineering, Computer Science and Statistics, Physics, Chemistry, Mathematics, and the Graduate School of Oceanography, as well as with engineers from local industry and government labs (e.g. Naval Undersea Warfare Center, Electric Boat, and Raytheon). The current full-time faculty in the department conduct research in the following disciplines: very large scale integrated (VLSI) circuit design; low-power computing; logic circuit design and synthesis; on-chip measurements and testing; signal and image processing; detection and estimation theory; digital communications; control theory; computer-based instrumentation; smart grids, computational intelligence, and self-adaptive systems; computer network security; high performance computer architectures; parallel and distributed computing; computer performance modeling and simulation; bioinstrumentation; medical image and signal processing; cardiac mechanics, electrophysiology, and resuscitation; physiological modeling; assistive technology; neuroengineering; speech and auditory modeling.

The University of Rhode Island is a comprehensive doctoral research, Land Grant, Sea Grant and Urban Grant University. URI's College of Engineering offers innovative undergraduate and graduate programs, stresses links between diverse fields of inquiry, and values outreach, scholarship, and laboratory-based learning. The University of Rhode Island is a medium-sized public university whose main campus is located in Kingston near the southern coastline of the state (URI also has satellite campuses in Providence and directly on Narragansett Bay). Kingston, a picturesque, small New England village, is an established, family-friendly community only five miles from Narragansett Bay and the Atlantic Ocean, and a 15 mile drive to Newport RI with its well known sailing and Jazz and Folk Festival. Rhode Island's proximity to the ocean moderates its weather compared to other New England states. The region offers

excellent outdoor recreational activities, a good public school system, and ready access by car or public transportation to Providence, Boston, Hartford, and the New York City metropolitan areas and airports.

Applications are to be submitted electronically at <https://jobs.uri.edu> (the posting number is 6000573). Applicants are requested to submit a complete curriculum vitae (including contact information for at least three professional references) and three narratives describing (1) their research and teaching background and objectives, (2) how their teaching interests fit within the traditional EE fields, and (3) how their research fits within sensors and instrumentation (please combine these three narratives into one document for uploading to our Human Resources website). Review of applications will begin on or about Dec. 15, 2011 and will continue until the position is filled

The University of Rhode Island is an AA/EEOD employer and values diversity.

Additional information on our program and people is available at the URI Department of Electrical, Computer and Biomedical Engineering website, [www.ele.uri.edu](http://www.ele.uri.edu).