

**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 Spring 2010. Candidates are required to have a strong background in the one or more of the traditional EE fields of electromagnetics, antennas, wireless communications, radar, micro-electronics, electronic devices, circuits and systems, and power optimization and control; preference will be given to candidates with research interest/experience in the intersection of these fields with alternative, renewable energy.

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

The current 19 full-time faculty in the Department of Electrical, Computer and Biomedical Engineering offers programs leading to the BS, MS, and PhD degrees. The interdisciplinary nature of our Department will provide the new faculty member with optional 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 Engineering, Chemical Engineering, Industrial and Systems Engineering, Civil 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. NUWC, Electric Boat, and Raytheon). Examples include multidisciplinary research efforts in sensors, optimization, distributed sensing, offshore wind/wave renewable energy, fuel cells, and electronics for microfluidic Lab-on-chip. The current full-time faculty in the department conduct research in the following disciplines: very large scale integrated (VLSI) circuit design; low-power computing; reliable 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; 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 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 the 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.

Review of applications will begin on Oct. 9, 2009 and continue until the position is filled. The starting date is negotiable, and salary is commensurate with qualifications and experience. Applicants should send the following information as an attachment to the email address given below: (a) a complete curriculum vitae; three narratives describing (b) their research and teaching background and objectives, (c) how their teaching interests fit within the traditional EE fields, (d) how their research fits within alternative, renewable energy; and (e) the names and contact information of at least three references to:

Prof. Peter Swaszek, Search Committee Chair  
[ee\\_position@ele.uri.edu](mailto:ee_position@ele.uri.edu)  
Posting number 6000003

We hope to attract applicants who can teach in a diverse University community and have demonstrated ability in helping students from diverse backgrounds succeed. We are committed to building a multicultural work force and strongly encourage women, racial/ethnic/gender minorities, persons with disabilities, and covered veterans to apply. The University of Rhode Island is an Equal Opportunity/Affirmative Action and also is an NSF ADVANCE institutional transformation university, working to advance the careers of women faculty, especially in the science and engineering disciplines. **URI is an E-Verify employer.**

Additional information is available at the URI Department of Electrical, Computer and Biomedical Engineering web site, [www.ele.uri.edu](http://www.ele.uri.edu) or [www.uri.edu/hr](http://www.uri.edu/hr) .