

Assistant Professor in Electrical Engineering (2 Positions), The University of Rhode Island, United States.

Job Title Assistant Professor, Electrical Engineering – (2 Positions)

APPLICATION DEADLINE: The search will remain open until the position is filled. First consideration will be given to applications received by January 15, 2020. Second consideration may be given to applications received by February 15, 2020. Applications received subsequent to second consideration date (February 15, 2020) may not be given full consideration.

**Job
Description
Summary,
Duties and
Responsibilities,
Required
Qualifications
and
Preferred
Qualifications**

Applications are invited for two tenure-track positions in Electrical Engineering at the rank of Assistant Professor beginning in Fall 2020. We are seeking candidates in Electrical Engineering with expertise in the broad area of signal processing and/or electronics. This includes, but is not limited to the following: (1) **signal processing position:** signal processing for machine learning, audio, image and video signal processing, statistical inference (Detection and Estimation Theory), biological/neural signal processing, sensor array signal processing, and signal processing for communications; (2) **electronics position:** power electronics (power management integrated circuits, power converters design, smart grids), RFIC, mixed analog/digital design, and VLSI. A doctorate in Electrical Engineering, or closely related field is required at the time of appointment.

Our new (opened Sept. 2019) 180,000+ square foot engineering building provides an excellent environment for interdisciplinary research collaborations. The department has 22 full-time faculty. Current significant research areas within Electrical Engineering include machine learning, cyber-physical security, instrumentation, robotics, VLSI design, detection and estimation theory, high performance computer architectures, parallel and distributed computing.

The University of Rhode Island is a medium-sized public university located near the southeastern end of the state situated in picturesque New England. The main campus is located in Kingston, an established, family-friendly, small community only five miles from the Narragansett Bay and the Atlantic Ocean. 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, New Haven, and New York City metropolitan areas and airports.

Qualifications

Required:

1. An earned doctorate in Electrical Engineering, or closely related field at the time of appointment.

2. Demonstrated ability to teach at the undergraduate and/or graduate level.
3. Demonstrated record of scholarly achievement as evidenced by publications, presentations, and/or awards.
4. Demonstrated ability to work with diverse groups/populations.
5. Demonstrated proficiency in written communication skills.
6. Demonstrated proficiency in oral communication skills.

Preferred:

1. Research in the general areas of signal processing and/or electronics.
 2. Ability to teach upper-level and/or graduate courses in signal processing and/or electronics.
 3. Research publications in relevant professional journals and conferences.
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ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.

Union AAUP - American Assoc of Univ Professors

Status Academic Year, Full-time, Tenure-track, Permanent

**End Date of
Restriction
or
Limitation**

Department Information

Department Elec, Computer & Bio Engr

Contact(s)

**Contact
Email**

**Campus
Location** Kingston

**Grant
Funded** No

**Extension
Contingent
on Funding
Date**

Please attach the following 4 (PDF) documents to your online Faculty Employment Application:

(#1) Cover letter (specify your interested position: signal processing or electronics), as one complete pdf doc.

**Special
Instructions
to
Applicants**

(#2) A curriculum vitae, which should include the full contact information of at least three professional references (as one complete pdf doc).

(#3) Research statement – a narrative (limited to two pages) describing your research and how it relates to the required qualifications (as one complete pdf doc).

(#4) Teaching statement – a narrative (limited to one page) describing your teaching background, philosophy, and preferences, including existing courses in our department that you could teach and new courses you might develop (as one complete pdf doc).

Posting Information

Position Number 106303 & 106484

Posting Number F00183

Posting Date 11/25/2019

Closing Date

Open Until Filled Yes

Quicklink for Posting <http://jobs.uri.edu/postings/6750>