



TENURE TRACK FACULTY OPENING

Department of Electrical, Computer, and Systems Engineering
Rensselaer Polytechnic Institute, Troy, NY

The Department of Electrical, Computer and Systems Engineering at Rensselaer Polytechnic Institute (RPI) in Troy, NY, seeks an outstanding faculty candidate for a full-time tenure-track position at the Assistant or Associate Professor level. The candidate must have earned a Ph.D. (or foreign degree equivalent) in Electrical Engineering or a closely related Science/Engineering field with research emphasis in electric power and energy systems. Research expertise can be in systems or any sub-area such as wide band-gap power devices, advanced power electronics, advanced electrical drives and transportation systems, advanced power system modeling and control, and smart grid and distribution system engineering.

Candidates for Associate Professor must have at least six years of experience; a proven record in attracting funding and conducting outstanding research; a strong commitment to education; evidence of effective teaching, and possess academic credentials to qualify for a tenured faculty appointment at Rensselaer. Industrial experience is desirable but not necessary. Candidates at the Associate Professor level will be considered for a concurrent position as Associate Director of the New York State Center for Future Energy Systems (CFES) currently re-designated by NY State for another 10 years of funding. At either level, candidates will be expected to teach assigned graduate and/or undergraduate courses; to establish and maintain a robust program of sponsored research, and to serve the department and school administratively and academically.

Electric Power and Energy Engineering at Rensselaer is one of the oldest and most productive programs in the country. It is aligned with the Institute priority of Energy, Environment, and Smart Systems. In addition to individual research contracts, Rensselaer maintains two major research centers in electric power and energy: the NSF/DoE Center for Ultra-Wide-Area Resilient Electric Energy Transmission Networks (CURENT) and the NYSTAR Center for Future Energy Systems (CFES). ECSE faculty members have access to world-class research facilities and an atmosphere that promotes interdisciplinary collaboration. The Center for Computational Innovation (CCI) has one of the fastest supercomputers available at a private university.

Founded in 1824, Rensselaer is the first technological university in the English-speaking world. It is a private research university located in historic Troy, New York, which is part of the greater capital region of New York that includes Albany, the capital as well as Saratoga Springs and Schenectady.

Applications will be accepted until the position is filled. The anticipated start date is August 16, 2017. Applicants must send a cover letter, complete CV, a statement of research accomplishments and goals, a description of teaching interests, and contact information for a minimum of four professional references. **Please send material in a single PDF document to employment@ecse.rpi.edu subject line: ECSE Faculty Position.** We also request that you complete the voluntary confidential summary information form for Human Resources, found on our website <https://www.ecse.rpi.edu/> (under Employment).

We welcome candidates who will bring diverse cultural, ethnic, and national and international perspectives to Rensselaer's work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.