



# *Syracuse University* **Electrical Engineering and Computer Science**

Syracuse University's Department of Electrical Engineering and Computer Science (EECS) will hire two tenure-track faculty members at the Assistant Professor level in research areas spanning *Cyber-Physical Systems*, with particular focus on the theory, modeling, design, development, and analysis of networked systems (this includes mobile and wireless communication networks, computer networks, dynamic human/organizational networks, and biological regulatory networks). Candidates with excellent credentials in systems assurance, computer security, VLSI design, signal processing, embedded systems, sensor design, forecasting and data mining, and very large databases, are also encouraged to apply.

The Department of EECS includes faculty members in three programs (Electrical Eng., Computer Eng., and Computer Science), with a history of successful collaboration with other departments such as Information Studies (iSchool), Physics, and Biology. Exciting long-term partnerships have been initiated with engineering and financial corporations, and existing organizational support facilitates industrial collaboration and the development of new projects. Preference will be given to candidates who can work across multiple disciplines and collaborate with other faculty, developing successful inter-disciplinary research proposals. We are particularly interested in candidates with prior participation in successful proposal-writing.

A doctorate in computer engineering, computer science, electrical engineering, or in an equivalent field is required at the time of employment. Start-up funds commensurate with the needs of the individual will be provided for the successful candidate.

The successful candidate is expected to conduct research and teach graduate and undergraduate classes in core areas of computer engineering, computer science, or electrical engineering. Excellent communication and interpersonal skills are expected of successful candidates. We seek candidates with strong theoretical and analytical capabilities, as well as those with a practical orientation who can contribute to laboratory-assisted undergraduate and graduate engineering education. A strong commitment to teaching excellence is essential.

The Department of EECS has approximately 225 students in the BS programs, 400 in MS programs and 100 in Ph.D. programs. There are 28 tenured/tenure-track faculty whose active research areas include Computer Security, VLSI Systems, Artificial Intelligence, Theoretical Computer Science, Information Theory, Communication Systems, Signal Processing, Electromagnetic Fields, Antennas, Photonics, Optical Engineering, RF/Microwave and Wireless Systems.

For more information about the Department, the reader is referred to the following web site: <http://www.eecs.syr.edu> .

**STARTING DATE:** August 24, 2009, or as soon as possible thereafter.

**APPLICATION DEADLINE:** To ensure full consideration, applications must be received by May 8, 2009. Candidates are encouraged to apply early. Applications will be accepted until the positions are filled.

**APPLICATIONS:** For application and information about these programs, please see the following web site: <http://www.sujobopps.com> (Job #025017).

***Syracuse University is an Affirmative Action/Equal Opportunity Employer. Qualified applicants from those groups that are traditionally underrepresented in faculties are particularly urged to apply.***