

Electrical and Computer Engineering (ECE) Department Chairperson

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About the University: The University of Alabama in Huntsville, classified as a Very High Research Active institution, offers academic and research programs in the Colleges of Engineering, Nursing, Business Administration, Science and Liberal Arts. Huntsville maintains one of the highest per capita incomes and standards of living in the Southeast. It is a national center of aerospace and high technology research. The Huntsville area is also home to more than 50 Fortune 500 companies, the Hudson Alpha Institute for Biotechnology, and several federal research facilities, including NASA Marshall Space Flight Center and the Army's Missile Defense Agency, Material Command, Aviation and Missile Command, and Space and Missile Defense Command.

ABOUT THE COLLEGE: The College of Engineering currently has a research focus that addresses three National Academy of Engineering (NAE) Grand Challenge problems: secure cyberspace; restore and improve urban infrastructure; and engineer tools of scientific discovery. In addition COE has made recent investments in energy storage and systems engineering. The College of Engineering and the ECE department are expected to play an important role in several UAH research thrust areas including (a) cybersecurity and big data, (b) aerospace and systems engineering, and (c) earth, atmospheric, and space systems. The College enrolls nearly 30% of UAH's undergraduates in ABET-accredited programs in aerospace, chemical, civil, computer, electrical, industrial and systems, mechanical, and optical engineering.

About the Department: The Electrical and Computer Engineering Department has twenty-one (21) tenured/tenure track faculty, including two (2) American Physical Society Fellows. UAH-ECE research strengths include: systems, controls, high-performance computing, cybersecurity, embedded systems, optics/plasmonics, nanodevices, and electronic devices. Current sources of faculty funding include Federal sources such as DOD, NSF, NASA, and USDA as well as industrial sources. The Department offers the BS (ABET accredited) and MSE degree programs in Electrical, Computer and Optical Engineering. For the PhD Degree, ECE students have three pathways: the interdisciplinary program in Optical Science and Engineering, as well as Electrical, and Computer Engineering. The ECE department has over 550 undergraduate students and about 180 graduate students. Over 3000 BS degrees in Electrical/Computer/Optical Engineering have been awarded since program inception, and many of our alumni have become highly successful as business and academic leaders.

Application Deadline: Preference will be given to applications submitted before August 1, 2014. However the position will remain open until filled.

Job Description/Requirements: PhD in Electrical or Computer Engineering or a closely related field, with a strong record of teaching, research (including significant external funding and refereed publications), service leadership in one or more of the areas of electrical, computer or optical engineering. In addition to a record of scholarly accomplishments, the successful candidate must possess: academic and professional credentials to warrant appointment as a tenured Professor in the Department; effective management and interpersonal skills; a commitment to all aspects of electrical, computer, and optical engineering education; and a willingness to advance the strategic plan of the College and the Campus at large. The Chairperson reports to the Dean of the College, and is responsible for the administration of all programs and budgets in the Department.

Application procedure: Please submit applications electronically to eceseach@uah.edu. Complete applications should include a current curriculum vitae, a position statement highlighting the applicants qualifications for the position (including a vision statement of anticipated department leadership), and the contact information for at least three professional references.

The University of Alabama in Huntsville is an Equal Opportunity/Affirmative Action Institution. Consistent with our core values of integrity, respect, diligence, excellence, inclusiveness and diversity, the University strongly encourages applications from members of all under-represented groups. An offer of employment at the University is contingent upon the results of a criminal background check.

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