

Assistant Professor
University of Alabama in Huntsville

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Posted Nov. 3, 2017, expired Mar. 6, 2018

Job Title	Assistant Professor
Department	Electrical and Computer Engineering http://www.ece.uah.edu
Institution	University of Alabama in Huntsville Huntsville, Alabama
Date Posted	Nov. 3, 2017
Application Deadline	open until filled
Position Start Date	August 2018
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering
Apply By Email	ecesearch@uah.edu

Job Description

JOB DESCRIPTION/REQUIREMENTS:

The Department of Electrical and Computer Engineering at the University of Alabama in Huntsville invites applications for one tenure-track position at the Assistant Professor level. Consideration will be given to candidates who have expertise in all areas of cybersecurity including but not limited to the following areas: design of secure systems, cyber physical systems, network security, cloud computing, automotive systems, intrusion detection, cryptography, trusted systems and digital forensics. The candidate recruited for this position will have opportunities to interact with the newly established Center for Cybersecurity research and Education.

Successful applicants will have earned a PhD degree in Computer Engineering, Electrical Engineering, or a closely related discipline. Applicants should demonstrate (a) potential for scholarly activities that are supported by publications, externally funded contracts and grants (b) commitment to teach and mentor graduate and undergraduate students and (c) a desire for university and professional service.

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ABOUT THE DEPARTMENT: The Department of Electrical and Computer Engineering offers the BS, MSE, and PhD degrees in Electrical and Computer Engineering, the MSSE degree, and the PhD degree in the Optical Science and Engineering multidisciplinary program. The department has 20 tenured/tenure-earning faculty with over 650 undergraduate students and about 160 graduate students. The ECE Department has research strengths in the areas of materials, signal processing and embedded systems. Current sources of faculty funding include federal sources such as NSF, NSA, DOD and NASA, and industry.

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. The College has made recent investments in materials engineering, energy storage, cybersecurity, and systems engineering. The College of Engineering and the ECE department 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 35% of UAH's undergraduates in ABET-accredited programs in aerospace, chemical, civil, computer, electrical, industrial and systems, and mechanical engineering.

ABOUT THE UNIVERSITY: The University of Alabama in Huntsville, classified as a High Research Active institution by the Carnegie Foundation for the Advancement of Teaching, offers academic and research programs in the Colleges of Engineering, Education, Nursing, Business Administration, Science, and Arts, Humanities & Social Sciences. Huntsville maintains one of the highest per capita incomes and standards of living in the Southeast and is home to many aerospace and high technology research corporations. 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's Marshall Space Flight Center and the Army's Missile Defense Agency, Materiel Command, Aviation and Missile Command, and Space and Missile Defense Command.

APPLICATION DEADLINE AND PROCEDURE: Review of applicants will begin on Dec. 15, 2017 and continue until the position is filled. Application material (in pdf format) including a cover letter, curriculum vitae, short summary of current research interests (1-2 pages), teaching philosophy (1-2 pages), a vision statement for building a robust and dynamic research program at UAH (1-2 pages), and the names of three references, should be sent to eceseach@uah.edu.

EEO/AA Policy

The University of Alabama in Huntsville is an Equal Opportunity/Affirmative Action Institution.

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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.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Jackie Siniard
Electrical and Computer Engineering
301 Sparkman Drive
Huntsville, AL 35899

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Contact E-mail siniardj@uah.edu