



School of  
Electrical and Computer Engineering

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Job Title: Assistant Professor in Electrical and Computer Engineering

Department: Electrical and Computer Engineering

University: Oklahoma State University, Stillwater, Oklahoma

Web: <http://www.ece.okstate.edu>

Application Deadline: Open until filled

Position Start Date: August 1, 2016

Job Categories: Assistant Professor

Academic Field(s): Electrical Engineering, Computer Engineering

Inquiries by e-mail: [ece.search@okstate.edu](mailto:ece.search@okstate.edu) (indicate Thrust Area in the subject line)

**Job Description:**

The Oklahoma State University School of Electrical and Computer Engineering (ECE) seeks exceptional applicants for three tenure-track faculty positions at the rank of Assistant Professor. Uniquely qualified candidates at the rank of Associate Professor or Professor are also encouraged to apply. The start date is on or about August 1, 2016. The School is seeking candidates in three critical thrust areas:

**Thrust Area One: Computer Engineering**, including Internet of Things, embedded systems, cypher-physical systems, mobile computing, computer architecture, big-data, cloud computing, digital VLSI CMOS electronics, and other related areas.

**Thrust Area Two: Digital Signal Processing and Communications**, including signal processing, speech processing, image processing, wireless communication systems, compressive sampling, software defined radio, cognitive radio, biometrics, network security, information theory, information assurance, and other related areas.

**Thrust Area Three: Circuits, Electronics and Sensors**, including RF, microwave, and millimeter-wave circuits and electronics; mixed-signal VLSI CMOS, with emphasis on RF, instrumentation, sensors, energy-noise product efficiency, electro-optics for sensing and communications, self-calibration, and other related areas.

Candidates must have an earned Ph.D. or equivalent in Electrical or Computer Engineering, or a closely related field. Successful candidates will be expected to develop an externally funded, internationally recognized research program, to excel in teaching at both the undergraduate and graduate levels, to develop collaborations within and external to the University, and to have strong oral and written communications skills. Research experience beyond the doctorate in industry, government, or academia is desired but not required. The School currently has 22 full-time faculty members (including 5 IEEE and/or OSA Fellows), approximately 460 undergraduate and 150 graduate students, and state-of-the-art laboratory facilities. The department offers B.S., M.S., and Ph.D. degrees in Electrical Engineering and the B.S. degree in Computer Engineering. Departmental research programs center on several areas, including power and energy, communications, control systems, signal processing, imaging, biomedical devices and systems, computer engineering, lasers, photonics, THz technologies, mixed-signal VLSI CMOS, digital VLSI CMOS, electromagnetic compatibility, and applied electromagnetics. Review of applications will begin on or about December 15, 2015 and will continue until the positions are filled. Applicants must apply on-line at <https://jobs.okstate.edu>. Applications received by mail or e-mail will not be considered. A complete application will include four separate documents: a) cover letter clearly identifying the thrust area of interest along with statements of intent, qualifications and goals, b) curriculum vitae, c) statement on teaching interests and philosophy, and d) names and contact information of five references. Hiring is contingent upon funding and eligibility to work in the United States. More information about the School and OSU can be found at <http://www.ece.okstate.edu>.

#### EEO/AA Policy

Oklahoma State University is an EEO/E-verify employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, genetic information, sex, sexual orientation, gender identity, national origin, disability, or veteran status. OSU-Stillwater is a tobacco-free campus. For more information go to [www.afirmact.okstate.edu](http://www.afirmact.okstate.edu).