FACULTY POSITION IN THE ELMORE FAMILY SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING (ECE)
Purdue University

Job Title	FACULTY POSITION IN THE ELMORE FAMILY SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING (ECE)
Department	Electrical and Computer Engineering https://engineering.purdue.edu/ECE
Institution	Purdue University West Lafayette, Indiana
Date Posted	Nov. 21, 2023
Application Deadline	Open until filled
Position Start Date	To be determined
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering
Job Website	https://careers.purdue.edu/job/
Apply Online Here	https://careers.purdue.edu/job-invite/28412/
Apply By Email	
Job Description	

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The Elmore Family School of Electrical and Computer Engineering (ECE) at Purdue University invites applications for tenure-track positions at the Assistant Professor level. Purdue University seeks to attract exceptional candidates with interests and expertise in all areas of Electrical Engineering. The Elmore Family School of Electrical Engineering conducts research across a broad cross-section of Electrical Engineering. Candidates with research interests in the following areas are encouraged to apply:

Automatic Controls

(https://engineering.purdue.edu/ECE/Research/Areas/AControl)

**Communications, Networking, Signal and Image Processing (
https://engineering.purdue.edu/ECE/Research/Areas/CNSIP)**

Fields and Optics

(https://engineering.purdue.edu/ECE/Research/Areas/FO)

Microelectronics and Nanotechnology

(https://engineering.purdue.edu/ECE/Research/Areas/MN)

Power and Energy Systems

(https://engineering.purdue.edu/ECE/Research/Areas/PES)

VLSI and Circuit Design

(https://engineering.purdue.edu/ECE/Research/Areas/VLSI)

(Candidates with interests in computing-related fields including, but not limited to, computer engineering, are encouraged to apply to the Purdue Computes search.)

Candidates must hold a Ph.D. degree in Electrical Engineering, Computer Engineering, or a related discipline, by the employment start date, and demonstrate potential to build an independent research program, as well as the potential to educate and mentor students. A successful candidate will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

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The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest in the nation with more than 120 faculty members (6 NAE members, more than 40 Fellows in multiple societies,) 2,000 undergraduate students (sophomores-seniors) and 1,300 graduate students. ECE is home to the NSF Network for Computational Nanotechnology (NSF NCN, nanoHUB), the SRC/DARPA Center for Brain Inspired Computing Enabling (C-BRIC), and the Center for Innovation in Control, Optimization, and Networks (ICON). ECE faculty lead the Birck Nanotechnology Center and various research areas under two NSF Engineering Research Centers (ERCs). ECE's undergraduate programs in Electrical Engineering and Computer Engineering are ranked 8th and 7th, respectively. Its graduate programs are ranked 8th and 10th, respectively. And its online MS in ECE is ranked 1st in the nation.

Faculty in ECE collaborate closely with industry, and the talent at Purdue ECE has been a major factor in attracting industry to the local area including many tech-focused companies, and companies such as Saab Global Defense and Security Company, Rolls-Royce, and GE Aviation. SkyWater Technology recently announced plans to build a $1.8 billion semiconductor R&D and production facility in West Lafayette.

The School is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. In particular, Purdue Engineering is ranked by U.S. News & World Report as 8th for undergraduate programs, 2nd for online graduate engineering programs, 4th for graduate programs (2nd among public universities), and 5th among universities in the world for utility patents (USPTO). The College goal of Pinnacle of Excellence at Scale is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

To apply, please submit application to this site https://careers.purdue.edu/job-invite/28412/ including (1) cover letter, (2) a complete curriculum vitae, (3) teaching plan, (4) research plan, and (5) names and contact information for at least 3 references. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu. Review of applications will begin on October 31, 2023 and will continue until the position is filled. A background check is required for employment in this position.

Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

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EEO/AA Policy

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Contact Information

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

Contact	Office of Academic Affairs
	College of Engineering
	Purdue University
	West Lafayette, IN

Contact E-mail	coeacademicaffairs@purdue.edu