

**FACULTY POSITION IN THE ELMORE FAMILY SCHOOL OF ELECTRICAL & COMPUTER ENGINEERING**

The Elmore Family School of Electrical and Computer Engineering (ECE) at Purdue University invites applications for a tenure-track or tenured position at the assistant or associate professor level. Purdue University seeks to attract exceptional candidates with interests and expertise in the areas of *embedded computing systems and the Internet of Things (IoT)* including (but not limited to): edge computing, system-on-chip architecture & design, hardware/software co-design, intelligence in resource-constrained devices, security and privacy for embedded systems, and real-time systems. Successful candidates must hold a Ph.D. degree in Electrical Engineering, Computer Engineering, Computer Science, or a related discipline and demonstrate potential to build an independent research program, as well as potential to educate and mentor students. The 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.

The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest ECE programs in the nation with 120 faculty members, 2,000 undergraduate students (sophomores-seniors) and 1,300 graduate students. This position is part of significant new growth and initiatives in Computer Engineering within ECE, and in response to the growing demand for software-based courses in the ECE curriculum with an emphasis on experiential learning. Faculty in ECE engage in cutting-edge research related to all areas of ECE, and extensively collaborate with the software industry and with faculty in computer science. ECE's graduate, undergraduate and online programs rank 9<sup>th</sup>, 11<sup>th</sup>, and 1<sup>st</sup> in the nation, respectively. 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 (2nd public college for engineering, 3rd for online graduate engineering programs, 4th for graduate programs, 6th in the world for utility patents, and 10th for undergraduate programs) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The College goal of [Pinnacle of Excellence at Scale](#) is guiding strategic growth in new directions, by investing in people, [exciting initiatives](#), and [facilities](#).

Applications must be submitted electronically via this site <https://careers.purdue.edu/job-invite/21786/> including (1) a complete curriculum vitae, (2) teaching plan, (3) research plan, (4) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (5) names and contact information for at least four references. The search committee may contact references to request letters. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at [coeacademicaffairs@purdue.edu](mailto:coeacademicaffairs@purdue.edu). Review of applications will begin on September 15 and will continue until the position is filled. A background check is required for employment in this position.

Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Purdue University's Elmore Family School of Electrical and Computer Engineering is committed to advancing diversity in all areas of faculty effort including discovery, instruction, and engagement. Purdue and the College of Engineering have a [Concierge Program](#) that provides dual career assistance and relocation services.

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