

FACULTY POSITION IN THE ELMORE FAMILY SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING

Purdue University has launched a new major initiative, [Purdue Computes](#), consisting of three dimensions (Computing, Physical Artificial Intelligence, and Semiconductors) that will connect faculty and students from across the institution and enable the university to advance to the forefront with unparalleled excellence at scale. As part of this initiative, the **Elmore Family School of Electrical and Computer Engineering** at Purdue University invites applications for tenure track assistant professor(s), or associate professor(s) without tenure. Purdue University seeks to attract exceptional candidates with interests and expertise in **Next Generation Computing Systems, Embedded Systems, IoT, Wearable/Implantable Systems, any areas of Computer Architecture, or Integrated Circuits and Systems. Strong candidates in related areas of computing will also be considered.** Successful candidates must hold a Ph.D. degree in **Electrical Engineering, Computer Engineering, Computer Science** or a related discipline by the employment start date 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. **Purdue's Department of Computer Science is also hiring broadly in support of Purdue Computes.**

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 1,400 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 7th and 8th, respectively. And its online MS in ECE is ranked 3rd 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. SK Hynix recently announced plans to build a ~\$ 4 billion facility for advanced packaging fabrication and research & development 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 persistent pursuit of pre-eminence. According to the latest US News and World Report's disciplinary graduate program rankings, Purdue Engineering has 3 disciplines ranked in the top 5 in the country and 10 in the top 10. Purdue Engineering as a whole is ranked 3rd for online graduate engineering programs, 6th for graduate programs. For three years running, Purdue is ranked by the USPTO as No.2 University campus in the US in terms of annual number of US patents issued, and nearly 70% of those patents come from Purdue Engineering. The College [Vision for 2030](#) 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/AssistantAssociate-Professor-of-Computer-Engineering/33696-en_US/ including (1) cover letter, (2) a complete curriculum vitae, (3) teaching plan, (4) research plan, and (5) names and contact information for at least 4 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 coecademicaffairs@purdue.edu. Review of applications will begin on **11/11/2024** 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.

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