PURDUE UNIVERSITY | College of Engineering

FACULTY POSITION IN THE LYLES SCHOOL OF CIVIL ENGINEERING

The Lyles School of Civil Engineering at Purdue University invites applications for a tenure track Assistant or Associate Professor as part of Purdue Engineering's Autonomous and Connected Systems (ACS) Initiative. ACS is a College of Engineering initiative that creates a community of scholars to advance the science and engineering of autonomy, robotics, and the internet of things (IoT). Purdue University seeks to attract exceptional candidates with interests and expertise in interdisciplinary transportation research with a focus on autonomous systems and artificial intelligence and their use in civil infrastructure. Specific application areas of interest could include, but are not limited to: connected and autonomous vehicles, highway construction robotics, agriculture robotics, smart logistics, airport automation, intermodal freight automation, last mile delivery, smart and connected infrastructure, and transportation system electrification.

To complement Purdue's existing strengths and strong reputation in transportation systems, candidates are expected to have expertise in one or more methodological areas related to ACS such as: operations research, machine learning, control theory, connected systems, infrastructure condition sensing, systems engineering, embedded systems, big data analytics and internet of things. Successful candidates must hold a Ph.D. degree in Engineering or a related discipline and demonstrate excellent 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 Lyles School of Civil Engineering at Purdue University is ranked 6th in graduate programs, 3rd in undergraduate programs, and 2nd for its online MS program according to latest USNWR rankings. 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 9th 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://career8.successfactors.com/sfcareer/jobreqcareer?jobId=15320&company=purdueuniv
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 five 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. Review of applications will begin on September 15, 2021 and will continue until the position is filled. A background check is required for employment in this position.

Purdue is an ADVANCE institution http://www.purdue.edu/advance-purdue/. The Lyles School of Civil 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.