



## COLLEGE OF ENGINEERING

### PROFESSOR OF ENGINEERING PRACTICE IN SCHOOL OF MECHANICAL ENGINEERING

The School of Mechanical Engineering invites applications for a non-tenure track faculty position at the associate or full professor level. The successful applicant will be the Director of Senior Design leading the organization and teaching of the required senior-level design class, in which teams of students work on semester-long projects. The Director will develop partnerships with industry and sponsorships for projects, and provide guidance on student- and faculty-proposed projects regarding their suitability, scope, and educational value. The Director will work closely with staff and faculty to encourage innovation and entrepreneurship among students while they meet the design, build, and prototype objectives of the Capstone Design Program. The Director will work with faculty to benchmark peer programs, identify areas for improvement, and create new cross-disciplinary, vertically integrated, and humanitarian projects. The Director may also help teach other design related courses. The Director will demonstrate a commitment to excellence in teaching.

The successful candidate must hold, at a minimum, an MSME degree or an MS in a related field and have significant experience as a practicing mechanical engineer. Preference will be for candidates with advanced credentials (MBA, PhD etc.). Expertise in product design, project management, manufacturing, safety, reliability, and testing is highly desirable. The successful candidate will possess strong leadership and organizational skills, and have a passion for educating and mentoring young engineers, preparing them to be highly contributing members of their profession. People who have experience working in diverse groups, and can contribute to making work environments more inclusive are particularly encouraged to apply.

Established in 1882, the Mechanical Engineering is the oldest of Purdue's engineering schools with over 28,000 alumni, 80 faculty members, and around 1350 undergraduate and 600 graduate students. It has an outstanding national and international reputation for accomplishments in engineering education, research and global engagement. It is a vibrant, multi-disciplinary community of scholars with a strong commitment to undergraduate and graduate education and to advancing diversity.

Purdue University's Mechanical Engineering is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter and indicate their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Submit applications online at <https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications>. Include a cover letter, curriculum vitae, design education and industry engagement plans, and names and contact information of at least four people you have worked with professionally who we may contact for references. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at [coeacademicaffairs@purdue.edu](mailto:coeacademicaffairs@purdue.edu). Applicant review will begin on November 15, 2017 and will continue until the position is filled. A background check will be required for employment. Send nominations to Dr. Patricia Davies, Search Committee Chair, at [daviesp@purdue.edu](mailto:daviesp@purdue.edu).

Purdue's main campus is located in West Lafayette Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a [Concierge Program](#) to assist new faculty facilitate their relocation.

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