

FACULTY POSITION IN SCHOOL OF MECHANICAL ENGINEERING

The School of Mechanical Engineering at Purdue University invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor. Purdue University seeks to attract exceptional candidates with interests and expertise in the general areas of 1) fluid mechanics and 2) dynamics and vibrations. Within these general areas some specific interests include, but are not limited to: multiphase flows, computational fluid dynamics, biomedical flows, structural acoustics and dynamics, acoustics and noise control, nonlinear dynamics, engineered materials and structures.

Successful candidates must hold a Ph.D. degree in Mechanical Engineering 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 School of Mechanical Engineering at Purdue University is ranked 8th nationally for undergraduate programs and 8th for graduate programs by U.S. News and World Report. The School is one of the largest at Purdue University, and in the nation, with 1802 undergraduates, 1000 graduate students, 94 faculty, and 69 staff. The School is home of the [Herrick](#), [Zucrow](#) and [Maha](#) research laboratories with significant infrastructure and a long tradition of collaboration with industry, national laboratories, and other universities. Mechanical Engineering faculty members also carry out a significant portion of research at the [Birck Nanotechnology Center](#). The [Bechtel Innovation Design Center](#) and Maker Spaces provide hands-on experiences together with an entrepreneurship ecosystem through the [Purdue Foundry](#) and [Discovery Park](#).

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/21924/> including a complete (1) 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. Review of applications will begin on September 26th, 2022 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 School of Mechanical 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 School of Mechanical 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.