

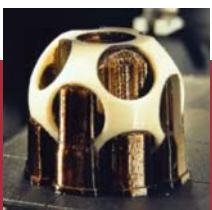
The **School of Engineering and Applied Science** at the **University of Pennsylvania** is growing its faculty by 33% over the next five years. As part of this initiative, the **Department of Mechanical Engineering and Applied Mechanics** is engaged in an aggressive, multi-year hiring effort for multiple tenure-track positions at the Assistant, Associate, and Full Professor levels.

We seek applicants with exceptional research achievement and future promise, a commitment to excellence in undergraduate and graduate education in mechanical engineering, and a dedication to service and collegiality. Candidates should couple with the department's core strengths in mechanical systems, mechanics of materials, fluid mechanics, and thermal sciences. Applicants in all areas related to mechanical engineering will be considered; particular areas of interest are: (1) robotics and controls, (2) manufacturing, and (3) energy technology. Candidates whose research can contribute to school-wide cross-cutting initiatives in human health, scientific computing, and nanoscale engineering are particularly encouraged to apply.

The Department maintains strong collaborations with all other engineering departments, the **School of Arts and Sciences**, the **Perelman School of Medicine**, the **Wharton School of Business**, and the **School of Design**. Faculty engage strongly with leading centers including the **General Robotics, Automation, Sensing, and Perception (GRASP) Laboratory**, the **Penn Institute for Computational Science (PICS)**, and the **Laboratory for Research on the Structure of Matter (LRSM)**. The Department encourages candidates who can leverage and add to these relationships. Successful candidates will conduct innovative, leading research programs benefiting from Penn's strong interdisciplinary tradition and excellent facilities such as the new **Singh Center for Nanotechnology**. We are especially interested in candidates whose interests are aligned with the School's new strategic plan (<http://www.seas.upenn.edu/PennEngineering2020>). Candidates who enrich the diversity of our community are strongly encouraged to apply.

The University of Pennsylvania is an affirmative action/equal opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, religion, sex, sexual orientation, gender identity, creed, national or ethnic origin, citizenship status, disability, veteran status, or any other characteristic protected by law.

Applicants should supply a cover letter (up to 2 pages), CV, teaching statement (up to 2 pages), research statement (up to 4 pages, with a 300-word abstract at the beginning), 3-6 references, and 4-6 representative publications at <https://facultysearches.provost.upenn.edu/postings/711>



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