

Tenure-track Positions in Mechanical Engineering and Applied Mechanics (MEAM)

The Department of Mechanical Engineering and Applied Mechanics within the School of Engineering and Applied Science (SEAS) at the University of Pennsylvania seeks outstanding applicants for tenure-track assistant professors. Applicants for tenured associate and full professor positions will also be considered.

The Department seeks applicants who wish to build careers in mechanical engineering, and who demonstrate exceptional promise for future research achievements, a dedication to excellence in undergraduate and graduate education, and a strong commitment to fostering diversity and inclusion. Applicants' future research should be rooted in mechanical engineering and couple with at least one of the Department's core disciplinary strengths in mechanics of materials and structures, fluid mechanics and thermal sciences, and robotics and mechanical systems. The Department strongly encourages candidates who are underrepresented in mechanical engineering to apply.

The search has three priority areas this year and candidates should apply to the area that best aligns with their research interests. The Department seeks applicants who will establish research programs at the intersection of mechanical engineering and

- (1) **Precision engineering for health and medicine**, including, but not limited to diagnostics and microfluidics, wearable sensors, bioprinting, single molecule and cell mechanics, drug delivery, and medical robotics.
- (2) **Energy and sustainability**, including, but not limited to research in energy sources, energy storage, climate-resilient infrastructure, energy efficiency, sustainable materials, recycling, and low-carbon structures.
- (3) **Data science and machine learning**, including, but not limited to physics-inspired learning, learning for design and discovery, autonomous systems, and uncertainty quantification.

More information on open faculty positions is available [here](#). Applications must be submitted online through Interfolio, and include a cover letter, curriculum vitae, teaching statement (limit of 2 pages), research statement (limit of 4 pages, with an abstract of up to 300 words), diversity statement, names and contact information of 3 references, and up to 3 representative publications. For full consideration, please apply by Nov. 14, 2022.

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.