

Assistant Professor of Mechanical Engineering
University of Louisville

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Posted Dec. 12, 2025, set to expire Apr. 26, 2026

Job Title	Assistant Professor of Mechanical Engineering
Department	J.B. Speed School of Engineering
Institution	University of Louisville Louisville, Kentucky
Date Posted	Dec. 12, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Energy Technology Mechanical Engineering
Apply Online Here	https://louisville.edu/hr/employment/jobs/
Apply By Email	
Job Description	

The University of Louisville's Department of Mechanical Engineering invites applications from outstanding candidates in the broad area of Energy for a tenure-track position at the level of an Assistant Professor. Potential areas of interest include (but are not limited to): Sustainable Energy Systems, Thermal-fluid Sciences for Energy Storage and Conversion, Electrochemical Processes, Additive Manufacturing of Energy-Relevant Materials, Autonomous Materials Design, and Artificial Intelligence for Efficient Energy Systems. Candidates must have a Ph.D. in Mechanical Engineering (or a closely related field) and a sustained, excellent track record in research. We are seeking a scholar with strong potential to build a nationally recognized research program, secure consistent external funding, and provide outstanding teaching at both the undergraduate and graduate levels, while also contributing to university service.

The J.B. Speed School of Engineering (SSE) encompasses seven academic departments. Mechanical

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Engineering is the largest, with approximately 550 undergraduates, 120 graduate students, and 18 tenured/tenure-track faculty. The SSE also houses four large research centers: Conn Center for Renewable Energy Research (CCRER), Micro/Nano Technology Center (MNTC), Additive Manufacturing Institute for Science and Technology (AMIST) and Louisville Automation and Robotics Research Institute (LARRI). Successful candidates are strongly encouraged to leverage infrastructure and technical support available at these centers to promote their research programs.

Applicants are required to submit a cover letter (one page maximum), a current CV, a statement of teaching and research plans (three pages maximum), and contact information for three references. The cover letter should include a brief description of qualifications. Individuals are encouraged to discuss how their research interests align with the strategic focus areas of SSE (<https://engineering.louisville.edu/centennial/magazine/featured-research-areas/>), as well as how they might collaborate with other University of Louisville schools and departments. Individuals must submit their application materials online via the weblink below. Job ID No.: R108023. Review of applications will begin on January 1, 2026. Applications will be accepted until the position is filled.

Apply at: <https://louisville.edu/hr/employment/jobs/>

Equal Employment Opportunity?

The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to community engagement and diversity, and in that spirit, seeks applications from a broad variety of candidates.

As a recipient of an NSF ADVANCE award to increase the advancement of women faculty in STEM, UofL provides a range of networking, mentoring and development opportunities for under-represented faculty. In addition, the university offers excellent benefits including domestic partner benefits.

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Kevin Murphy
J.B. Speed School of Engineering
University of Louisville
Louisville, KY

Contact E-mail k.murphy@louisville.edu