

Mechanical Engineering Faculty Positions Announcement:  
2024-2025  
University of Michigan

Direct Link: <https://www.AcademicKeys.com/r?job=247407>

Downloaded On: Apr. 1, 2025 9:46pm

Posted Oct. 21, 2024, set to expire Apr. 22, 2025

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| <b>Job Title</b>            | Mechanical Engineering Faculty Positions<br>Announcement: 2024-2025   |
| <b>Department</b>           | DEPARTMENT OF MECHANICAL ENGINEERING<br><a href="http://me.engin.umich.edu/">http://me.engin.umich.edu/</a> |
| <b>Institution</b>          | University of Michigan<br>Ann Arbor, Michigan   |
| <b>Date Posted</b>          | Oct. 21, 2024   |
| <b>Application Deadline</b> | Nov. 30, 2024   |
| <b>Position Start Date</b>  | Available immediately   |
| <b>Job Categories</b>       | Core Faculty  |
| <b>Academic Field(s)</b>    | Mechanical Engineering  |
| <b>Apply Online Here</b>    | <a href="http://me.engin.umich.edu/facultysearch">http://me.engin.umich.edu/facultysearch</a>               |

**Apply By Email**

**Job Description**

The Department of Mechanical Engineering (ME), University of Michigan (U-M), Ann Arbor, seeks outstanding scholars to apply for multiple full-time tenured or tenure-track faculty positions. The positions are open to candidates of all ranks, including junior and senior-level appointments. The focus of our search this year is in the areas of thermal sciences and in dynamics, systems, and control. In thermal sciences the focus is on: (i) emerging combustion science topics including fire safety, fuels, engines, efficiency, conservation, power generation, sustainability, and pollutant emissions control; and (ii) thermal and electrochemical materials, devices, and systems research to defossilize heating and cooling. In dynamics, systems, and control we have two focus areas: (i) the nexus of clean energy and autonomy, and (ii) control and optimization of manufacturing for energy technologies. However, all who have strong backgrounds in disciplines relevant to mechanical engineering are welcome to apply. We

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are especially interested in individuals who are committed to developing research programs and engaging in undergraduate and graduate teaching while demonstrating a commitment to advancing equity, justice, and inclusion as well as eliminating systemic racism and sexism in STEM fields. The candidates' research, teaching, and inclusion statements should define common good or social justice as they apply towards their career goals.

Applicants should have an earned Ph.D. in mechanical engineering or a related field. We seek strong scholars who will provide inspiration, leadership, and impact in research, teaching, and service and contribute to the diversity, equity, and inclusion goals of the University and Department. For best consideration, candidates are encouraged to apply **now** and certainly before **November 30, 2024** as applications will be reviewed immediately upon receipt.

All applicants should submit, in PDF format (1) a detailed resume, (2) a statement of research and teaching interests, (3) up to three representative publications, and (4) the names and contact information of at least three referees. Applications must be submitted electronically at <http://me.engin.umich.edu/facultysearch>.

Employment will require a criminal background check and may require an institutional reference check regarding any misconduct. If an institutional reference check is necessary, candidates will be required to submit a self-disclosure form as well as an authorization to release information form.

The University of Michigan is a non-discriminatory/affirmative action employer and is responsive to the needs of dual career families. Underrepresented minority and women candidates are strongly encouraged to apply.

The U-M Mechanical Engineering Department is the home of 60 tenured/tenure-track faculty, 15 research faculty, over 500 graduate students (around 280 Ph.D. students) and 700 undergraduate students. The U-M ME Department is well known for its strengths in major mechanical engineering core disciplines as well as in interdisciplinary and emerging thematic areas. The Department is consistently ranked among the top nationwide and worldwide by various ranking systems, such as the QS World rankings, the US News and World Report, and the National Research Council Ph.D. Program evaluation. More information about the Department can be found at: <http://me.engin.umich.edu/>.

The University of Michigan has a long and distinguished history. It was founded in 1817, twenty years before the territory became a state, and was one of the first public universities in the nation. Throughout its nearly 200-year history, it has maintained the highest levels of education, scholarship, and research. Ann Arbor, a vibrant mid-sized city known for its sprawling greenery and exposed-brick



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facades, its array of enticing eateries and historic theaters, and, of course, Michigan Football, is regularly ranked as one of the best places to live in the nation.

The U-M campus is also less than a thirty-minute drive from the Detroit Metropolitan Airport, a hub for major airlines like Delta, Air Canada, Air France, Spirit Airlines, and American Airlines with over 400 flights to and from Europe, East Asia, and every corner of the United States every day. From Ann Arbor, the [Michigan Flyer](#) and [D2A2](#) are very accessible bus services that connect the U-M Ann Arbor campus with DTW and all the offerings of downtown Detroit, like the Detroit Riverwalk, the Detroit Institute of Art, and the world-class eateries in Hamtramck.

Learn more about [Life in Ann Arbor](#) on YouTube.

As part of the nation's number one public research institution, Michigan Engineering's mission is to provide scientific and technological leadership to the people of the world, develop intellectually curious and socially conscious minds, create collaborative solutions to societal problems, and promote an inclusive and innovative community of service for the common good.

As Michigan Engineers, we strive to apply excellent engineering fundamentals, integrated expertise, and equity-centered values to reimagine what engineering can be, close critical gaps, and elevate all people. Information about our vision, mission, and values can be found at:

<http://strategicvision.engin.umich.edu/>.

The University of Michigan has a storied legacy of commitment to Diversity, Equity, and Inclusion (DEI). Michigan Engineering models that commitment in our research, culture, and collaborations. We seek to recruit and retain a diverse workforce as a reflection of that commitment. Learn more about DEI at Michigan Engineering: <https://www.engin.umich.edu/culture/diversity-equity-inclusion/>.

### Contact Information

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

### Contact