

## Assistant Professor Duke University

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Posted Oct. 8, 2024, set to expire Feb. 9, 2025

<b>Job Title</b>	Assistant Professor
<b>Department</b>	Thomas Lord Department of Mechanical Engineering and Materials Science <a href="https://mems.duke.edu/">https://mems.duke.edu/</a>
<b>Institution</b>	Duke University Durham, North Carolina
<b>Date Posted</b>	Oct. 8, 2024
<b>Application Deadline</b>	Dec. 1, 2024
<b>Position Start Date</b>	Jul. 1, 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Robotics Mechanical Engineering Engineering - Other
<b>Job Website</b>	<a href="https://academicjobsonline.org/ajo/jobs/28672">https://academicjobsonline.org/ajo/jobs/28672</a>
<b>Apply Online Here</b>	<a href="https://academicjobsonline.org/ajo/jobs/28672">https://academicjobsonline.org/ajo/jobs/28672</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Duke University Thomas Lord Department of Mechanical Engineering and Materials Science in the Pratt School of Engineering is seeking applicants for multiple Assistant Professor faculty positions in the area of robotics and autonomous systems. Early career researchers doing innovative work in all areas of robotics and autonomous systems, including but not limited to experimental and field robotics, legged robotics, human-robot systems, distributed robotics, medical robotics, soft robotics, perception-based planning,

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learning for robotics and control, and other allied autonomy disciplines are encouraged to apply.

Current research areas in the Thomas Lord Department of Mechanical Engineering and Materials Science include robotics and autonomous systems, dynamics and controls, artificial intelligence and machine learning, aerodynamics and aeroelasticity, biomechanics and biomaterials, energy systems, and hard and soft matter and nanoscale materials. Information on the cutting edge, multidisciplinary research and teaching in the Thomas Lord Department of Mechanical Engineering and Materials Science can be found at <https://mems.duke.edu/>.

Duke University and the Thomas Lord Department of Mechanical Engineering and Materials Science are strongly committed to advancing inclusive excellence throughout our research, teaching, and service activities. A diverse faculty – defined broadly as representing a wide range of identities, lived experiences, and perspectives – is a prerequisite for excellence and is essential to driving innovation within our scholarly community. To achieve these goals, it is essential that all members of the community feel valued and welcome, that the contributions of all individuals are respected, and that all voices are heard. All members of our community are expected to uphold these values, and we seek to hire faculty who are passionate about increasing the participation and success of individuals from all different backgrounds and communities. Please note that Duke specifically seeks information about past misconduct or policy violations and/or relevant pending investigations as part of the application process. Disclosures will not be an automatic bar to hiring but, instead, will initiate further dialogue regarding past actions. Interested candidates should submit the following by December 1, 2024 in the Academic Jobs Online portal: <https://academicjobsonline.org/ajo/jobs/28672>:

- cover letter (with contact information);
- curriculum vitae;
- research statement (no more than 3 pages) that includes a description of past research accomplishments, plans for future research, and description of past experiences demonstrating your commitment to a diverse and inclusive research environment;
- teaching and mentoring statement (no more than 3 pages) describing teaching philosophy, previous experiences, future plans for teaching, and description of past

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experiences promoting and supporting diversity, including the fostering of an inclusive learning and mentoring environment for diverse students; and

- list of three to five references who will provide letters on behalf of the candidate; note, letters will not be requested until after the first round of application evaluations.

Applicants should have an earned doctorate in Mechanical Engineering, Electrical Engineering, Computer Science or a related field.

Do you have questions about the search? We can help – please send questions via email to the search committee chair at [michael.zavlanos@duke.edu](mailto:michael.zavlanos@duke.edu).

### **EEO/AA Policy**

The Pratt School of Engineering is committed to fostering a diverse educational environment and encourages applications from members of underrepresented groups. Duke University is an Equal Opportunity/Affirmative Action Employer. It is committed to recruiting, hiring, and promoting qualified minorities, women, individuals with disabilities, and veterans.

### **Contact Information**

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

**Contact**      Glenda Hester  
Mechanical Engineering and Materials Science  
Duke University  
144 Hudson Hall  
Box 90300



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**Phone Number**      919-660-5359