

Tenure-track faculty position in the general area of Cyber-Physical Systems  
Cornell University

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Posted Sep. 25, 2024, set to expire Jan. 27, 2025

<b>Job Title</b>	Tenure-track faculty position in the general area of Cyber-Physical Systems
<b>Department</b>	Sibley School of Mechanical and Aerospace Engineering
<b>Institution</b>	Cornell University Ithaca, New York
<b>Date Posted</b>	Sep. 25, 2024
<b>Application Deadline</b>	Nov. 15, 2024
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Mechanical Engineering
<b>Job Website</b>	<a href="https://academicjobsonline.org/ajo/jobs/28134">https://academicjobsonline.org/ajo/jobs/28134</a>
<b>Apply Online Here</b>	<a href="https://academicjobsonline.org/ajo/jobs/28134">https://academicjobsonline.org/ajo/jobs/28134</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

**Faculty Position in Mechanical & Aerospace Engineering Cornell University**

The SIBLEY SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING AT CORNELL UNIVERSITY, Ithaca, NY invites applications for a tenure-track faculty position in the general area of Cyber-Physical Systems (CPS). The department particularly welcomes applications from outstanding innovators working on the design of novel CPS, including, but not limited to, new mechanisms,

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actuators, and/or sensors, control and verification of CPS, autonomy, and other related areas. Applicants should be interested in building a research program in an area of relevance to Mechanical and Aerospace Engineering including, but not limited to, agriculture, sustainability and energy, space, robotics, health and personalized medicine, and manufacturing. Candidates whose research aligns with the [College of Engineering strategic directions](#) or with the strategic discipline areas outlined in [Cornell's radical collaborations initiative](#) are especially encouraged to apply; however, excellent candidates engaged in other aspects of Mechanical and Aerospace Engineering will also be considered.

Candidates must hold a doctorate in a relevant field by the employment start and are expected to establish an outstanding, externally funded research program as well as to contribute fully to both undergraduate and graduate instruction in Mechanical and Aerospace Engineering. While applications at the level of Assistant Professor are strongly encouraged, applications at all levels will be considered. Salary and rank will be commensurate with qualifications and experience.

Cornell University fosters interdisciplinary research and an atmosphere of cooperation through its Centers and Field system. Faculty will have outstanding opportunities, and are expected to collaborate with faculty, research scientists, and graduate students across many Fields (e.g., Computer Science, Systems Engineering, Electrical and Computer Engineering, Operations Research and Information Engineering, Design & Tech, Civil and Environmental Engineering), and Centers/Facilities (e.g., AgTech, Center for Advanced Computing, Center for Applied Math, Cornell Atkinson Center for Sustainability, Cornell Energy Systems Institute, Institute for Computational Sustainability, AI for Science Institute, AFRL Regional Network Mid-Atlantic Hub, Weill Cornell Medicine, the New York Consortium for Space Technology, Innovation and Development).

The Sibley School and the College of Engineering at Cornell embrace diversity and seek candidates who will foster a climate that attracts students of all races, nationalities, and genders. We strongly encourage individuals from groups historically excluded from Engineering to apply. Cornell University seeks to meet the needs of dual career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual career searches.



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Please submit an application online at <https://academicjobsonline.org/ajo/jobs/28134>. Applications should include a cover letter, a complete resume, a research statement (up to four pages in length), a teaching statement (up to two pages in length), the names of at least three references, and up to three publications. We ask applicants for all faculty positions to share their experiences and/or approaches (past, current, or future) to fulfilling Cornell's founding principle of "...any person...any study" fostering learning, research, service, and/or outreach in a diverse community. Applicants may choose to submit a stand-alone statement or embed this information in other parts of their application materials.

If you have additional questions, you can contact [maesearch@cornell.edu](mailto:maesearch@cornell.edu). All applications received by November 15th, 2024 will receive full consideration this academic year. Applications will be evaluated on an ongoing basis until the position is filled.

### **EEO/AA Policy**

*Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations.*

*Cornell University embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty, and staff of all identities and backgrounds. We strongly encourage individuals from underrepresented and/or marginalized identities to apply.*

### **Contact Information**

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

**Contact** MAE Search Chair  
Faculty Search Committee  
Cornell University  
124 Hoy Road  
130 Upson Hall



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