

Tenure-Track Faculty Position Carnegie Mellon University

Direct Link: <https://www.AcademicKeys.com/r?job=246660>

Downloaded On: Nov. 23, 2024 8:19am

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

Job Title Tenure-Track Faculty Position
Department Mechanical Engineering Department
<https://www.meche.engineering.cmu.edu/index.html>
Institution Carnegie Mellon University
Pittsburgh, Pennsylvania

Date Posted Oct. 9, 2024

Application Deadline For full consideration, apply by November 1, 2024

Position Start Date Expected start August 2025

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Sustainable Engineering
Robotics
Mechatronics
Mechanical Engineering
Material/Metallurgy
Manufacturing & Quality Engineering
Industrial & Systems Engineering
Engineering Physics
Engineering Mechanics
Energy Technology
Electrical and/or Electronics
Bioengineering (all Bio-related fields)

Job Website <https://www.meche.engineering.cmu.edu/employment.html>

Apply Online Here <http://apply.interfolio.com/152871>

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Apply By Email

Job Description

The Department of Mechanical Engineering at Carnegie Mellon University (CMU) invites applications for multiple tenure-track faculty positions. We are strongly committed to all members of our community: students, faculty, and staff. Our mission is to inspire and educate the next generation of engineers and to conduct engineering science and technology research that addresses important societal challenges. We strive to accomplish this mission with the highest dedication to quality, integrity, and respect for others. We are particularly interested in applicants who are committed to and have a passion for a culturally-diverse environment in research and teaching and who demonstrate an eagerness to strengthen the values of collaboration and inclusivity at CMU. We are actively and purposefully committed to considering a diverse applicant pool in terms of gender, race, sexual orientation, gender identity, veteran status, and disability. CMU seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC), which assists with dual-career searches.

We have multiple tenure-track positions open to candidates from a broad range of engineering and scientific backgrounds. Consistent with the current breadth of departmental research, we welcome applicants with expertise across a wide variety of research areas broadly related to mechanical engineering. We expect that applicants will also contribute synergistically to the existing, highly collaborative research activities in the department, college, and university-at-large, which all have a rich history of interdisciplinary research.

The Mechanical Engineering department consists of approximately 40 faculty, 450 undergraduate students, and 450 graduate students. We have a dynamic, growing, and diverse faculty who create a cultivating and energetic environment. They perform innovative research in traditional and non-traditional domains that addresses societal challenges and is defining the future of engineering. A new world-class building with state-of-the-art research and educational facilities opened as the home for Mechanical Engineering in the summer of 2023. The department provides a welcoming environment for researchers from diverse technical backgrounds to develop an academic career.

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Expectations: You are expected to establish and grow a strong, externally-supported, and internationally-recognized research program. You are expected to teach undergraduate and graduate courses. Tenure-track faculty at CMU carry a relatively low teaching load, typically two courses per year, which allows time for quality research and close involvement with students. You are expected to be a passionate mentor and advisor and to serve with colleagues to promote the general success of the department.

Eligibility: We seek individuals who hold a Ph.D. in a relevant discipline and have demonstrated dedication to our core values: scientific truth, creativity, quality, innovation, and engineering problem solving. Faculty appointments are typically made at the rank of Assistant Professor. Appointments may also be made at the rank of Associate Professor or Professor depending on your qualifications.

Instructions to Apply: Your application should include:

- A cover letter.
- Your curriculum vitae.
- A research statement of no more than five pages that outlines a compelling vision for a research program that ultimately goes beyond your prior experience as a PhD student, as a post-doctoral fellow, and/or in industry. Your statement should include initial research projects that can be immediately pursued with graduate students and for which external funding can realistically be sought. Your statement should also include a longer-term vision with more far-reaching plans that reference potential collaborators in the department and elsewhere at CMU.
- A teaching and mentoring statement of no more than two pages that outlines your experiences and how they have shaped your pedagogical philosophy. This statement should also list the CMU Mechanical Engineering [undergraduate](#) and [graduate](#) courses that you are interested in teaching.
- A diversity statement of no more than two pages that describes your previous experiences and how you will contribute to supporting diversity, equity, and inclusion in line with the educational and research missions of CMU Mechanical Engineering.

You should also request 4-5 professional references via the Interfolio system.

Please visit <http://apply.interfolio.com/152871> to submit an application.

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Applications should be submitted as a single PDF document, except for the letters of recommendation, which should be requested individually through the confidential letter request function in Interfolio. You may wish to send an email to each of your letter writers to alert them that they will receive an automated email from Interfolio requesting that they upload their letter of recommendation. The automated Interfolio emails are sometimes mistaken for spam.

Review of applications will begin immediately. Applications received by November 1, 2024, will be given full consideration. We encourage you to submit early. Paper applications will not be accepted. Women and members of traditionally underrepresented minority groups are particularly encouraged to apply.

EEO/AA Policy

Carnegie Mellon University shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status, or disability.

Contact Information

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

Contact Faculty Search Committee
Mechanical Engineering Department
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213



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