

Tenure-Track Assistant Professor in Computational
Mechanics
Northwestern University

Direct Link: <https://www.AcademicKeys.com/r?job=246584>

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Posted Oct. 4, 2024, set to expire Feb. 5, 2025

Job Title Tenure-Track Assistant Professor in Computational
Mechanics

Department Mechanical Engineering
<https://www.mccormick.northwestern.edu/mechanical/>

Institution Northwestern University
Evanston, Illinois

Date Posted Oct. 4, 2024

Application Deadline Nov. 30, 2024

Position Start Date September 2025

Job Categories Assistant Professor

Academic Field(s) Mechanical Engineering
Engineering Mechanics

Job Website <https://www.mccormick.northwestern.edu/mechanical/careers/>

Apply Online Here <https://facultyrecruiting.northwestern.edu/apply/MjlyMw==>

Apply By Email

Job Description

The Department of Mechanical Engineering at Northwestern University invites applications for a full-time, tenure-track faculty appointment at the level of Assistant Professor. We seek candidates who will lead pioneering research in computational mechanics and will strengthen the strategic priorities of Mechanical Engineering as well as the interdisciplinary graduate program in Theoretical and Applied Mechanics (TAM). Areas of interest include, but are not limited to, machine learning and AI for mechanics of solids and fluids, mechanics for health, space engineering and extreme environments, computational geometry, and architected functional materials. Applicants should hold an earned PhD



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or be near completion of their doctoral studies with demonstrated research potential in Mechanical or Aerospace Engineering or related fields.

Application instructions: Candidates are requested to upload a cover letter, curriculum vitae, statement of research, statement of teaching, statement of diversity (addressing potential contributions to enhancing diversity, equity, and/or inclusion), and the names and contact information for three to five references. In the cover letter, candidates should summarize their qualifications in both developing novel computational mechanics methods and their applications. Applications will be accepted until the position is filled. To receive full consideration, all materials should be received by **November 30, 2024**. Application materials should be submitted to the Search Committee Chair, exclusively via the web interface at <https://facultyrecruiting.northwestern.edu/apply/MjlyMw==>.

Compensation: The expected base pay range for this position is \$133,000–\$143,000. This base pay range is for a nine-month academic appointment, does not include summer salary, and is subject to negotiation. Research discretionary funding will also be provided. Summer salary, including from sponsored projects, may also be available.

Northwestern University has provided a pay range representing its good faith estimate of what the university reasonably expects to pay for the position. The pay offered to the selected candidate will be determined based on factors including (but not limited to) the experience and qualifications of the selected candidate including years since terminal degree, training, and field or discipline; departmental budget availability; internal equity; and external market pay for comparable jobs.

At Northwestern, we are proud to provide meaningful, competitive, high-quality health care plans, retirement benefits, tuition discounts and more! Visit us at <https://www.northwestern.edu/hr/benefits/index.html> to learn more.

Questions: mecareers@northwestern.edu

EEO/AA Policy

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The Northwestern campus sits on the traditional homelands of the people of the Council of Three Fires, the Ojibwe, Potawatomi, and Odawa as well as the Menominee, Miami and Ho-Chunk nations. We acknowledge and honor the original people of the land upon which Northwestern University stands, and the Native people who remain on this land today.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Click for information on [EEO is the Law](#).

Contact Information

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

Contact ME Faculty Careers
Mechanical Engineering
Northwestern University
Evanston, IL

Contact E-mail mecareers@northwestern.edu