

Tenure Track Faculty
University of Notre Dame

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Posted Sep. 23, 2024, set to expire Jan. 25, 2025

Job Title	Tenure Track Faculty
Department	Aerospace & Mechanical Engineering http://ame.nd.edu
Institution	University of Notre Dame Notre Dame, Indiana
Date Posted	Sep. 23, 2024
Application Deadline	Dec. 1, 2024
Position Start Date	Aug. 25, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Engineering Physics Aerospace/Aeronautical/Astronautics Engineering - Other
Apply Online Here	http://apply.interfolio.com/155398
Apply By Email	
Job Description	

The Department of Aerospace and Mechanical Engineering at the University of Notre Dame invites applications for tenure-track faculty positions in the areas of Scientific Machine Learning, Numerical Modeling and Uncertainty Quantification. While applications from all areas of scientific machine learning and numerical modeling will be considered, the department is particularly interested in candidates whose work complements and bridges existing strengths in computational engineering,

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fluid mechanics, materials, energy & manufacturing, and robotics & controls. We are especially focused on strategic priorities that include the integration of data-driven and physics-integrated modeling with traditional numerical methods, and the application of scientific machine learning to complex, real-world problems.

The Department seeks to attract, develop, and retain exceptional faculty members with strong records of achievement and significant future potential. The search is primarily aimed at the assistant professor level; however, candidates at all levels with strong records and promise will be considered. Possible position titles include Assistant Professor, Associate Professor, or Professor. Candidates at the entry level must have completed all requirements for a Ph.D. degree or have completed all but dissertation in Aerospace Engineering, Mechanical Engineering, or a closely related field. Candidates at the advanced assistant, associate, or full professor level must have a Ph.D. in Aerospace Engineering, Mechanical Engineering, or a closely related field. Successful candidates will demonstrate the potential to achieve an internationally distinguished record of scholarship, establish a diverse, externally funded research program, excel in undergraduate and graduate education, and actively contribute to their research community and the university

Applicants are invited to provide any or all of the following: a cover letter; curriculum vitae; a comprehensive research plan; a statement of teaching philosophy and interests; contact information for three professional references; and a statement regarding potential contributions to the [Notre Dame Community](#) that aspires to respect the dignity of every person, enable all to flourish, and develop students with the moral character to live in solidarity with all, particularly the most vulnerable. All materials should be submitted via the application website (apply.interfolio.com/155398). We will begin reviewing applications on November 1, 2024 and will continue until December 1, 2024. Questions regarding this position may be directed to the search chair, Professor Ryan McClarren (rmclarr@nd.edu)

EEO/AA Policy

Equal Employment Opportunity Statement

The University of Notre Dame seeks to attract, develop, and retain the highest quality faculty, staff and administration. The University is an Equal Opportunity Employer, and is committed to building a culturally diverse workplace. We strongly encourage applications from female and minority candidates and those candidates attracted to a university with a Catholic identity. Moreover, Notre Dame prohibits discrimination against veterans or disabled qualified individuals, and requires affirmative action by covered contractors to employ and advance veterans and qualified individuals with disabilities in

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compliance with 41 CFR 60-741.5(a) and 41 CFR 60-300.5(a).

Background Check

This appointment is contingent upon the successful completion of a background check. Applicants will be asked to identify all felony convictions and/or pending felony charges. Felony convictions do not automatically bar an individual from employment. Each case will be examined separately to determine the appropriateness of employment in the particular position. Failure to be forthcoming or dishonesty with respect to felony disclosures can result in the disqualification of a candidate. The full procedure can be viewed at <https://facultyhandbook.nd.edu/?id=link-73597>.

Contact Information

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

Contact Ryan McClarren
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University of Notre Dame
Notre Dame, IN

Contact E-mail rmclarr@nd.edu