

**Ph.D. Position in Mechanical Engineering
Florida State University**

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Posted Apr. 21, 2025, set to expire Aug. 21, 2025

Job Title	Ph.D. Position in Mechanical Engineering
Department	Mechanical Engineering
Institution	Florida State University Tallahassee, Florida
Date Posted	Apr. 21, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering Engineering Physics Engineering Mechanics Engineering - Other
Job Website	https://web1.eng.famu.fsu.edu/~nyaghoobian/
Apply By Email	
Job Description	

Ph.D.Position – Florida State University

FAMU-FSU Joint College of Engineering - Department of Mechanical Engineering

The Environmental Thermo-Fluid Dynamics (ETFD) Lab (<https://web1.eng.famu.fsu.edu/~nyaghoobian/>) at Florida State University has open Ph.D. positions for Fall 2025/Spring 2026 to conduct fundamental computational research on turbulent flow dynamics, and mass and heat transport in environmental problems occurring at the Earth–atmosphere interface. Projects will involve interdisciplinary investigations of transport phenomena on the Earth's surface and within the

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atmospheric boundary layer, with a focus on natural disasters (such as wildland fires).

Applicants with a master's in mechanical engineering or other relevant disciplines with a background in computation and programming are encouraged to apply.

Required Qualifications:

- -MS in Engineering (Mechanical, Aerospace, Civil) or other relevant fields
- -Strong academic record
- -Background and experience in computation and programming
- -Excellent written and verbal communication skills

Preferred Skills:

- -Experience in computational fluid dynamics (CFD) and physics-based modeling
- -Knowledge of high-performance computing
- -Previous research experience

How to Apply:

To apply, please email the following documents to 'nyaghoobian@fsu.edu'.

- -Detailed CV
- -Unofficial transcripts
- -Contact information for three references
- -One paragraph explaining your background and interests

Please use "PhD applicant 2025/2026" in your email subject line.

Contact Information

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

Contact Neda Yaghoobian
Mechanical Engineering
Florida State University

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Contact E-mail nyaghoobian@fsu.edu