

Ph.D. Position – Spring 2027 – Mechanical Engineering

Environmental Thermo-Fluid Dynamics (ETFD) Lab
Department of Mechanical & Aerospace Engineering
Florida State University

The ETFD Lab (<https://web1.eng.famu.fsu.edu/~nyaghoobian/index.html>) at Florida State University has open Ph.D. positions for **Spring 2027** to conduct computational research on turbulent flow dynamics, and mass and heat transport in environmental problems. The project will involve interdisciplinary investigations of transport phenomena in the atmospheric boundary layer, with a focus on wildland fires and their coupling with atmospheric flows.

Required Qualifications:

- Master's in Mechanical or Aerospace Engineering (or other relevant fields with familiarity with fluid dynamics principles and transport phenomena). Highly qualified applicants with B.S. will also be considered.
- Strong academic record
- Background and experience in computation and programming
- Excellent written and verbal communication skills

Preferred Skills:

Preference will be given to candidates with one or more of the following:

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

How to Apply:

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

- Detailed CV
- (Unofficial) transcripts
- Contact information for three references

In the email body, please include one paragraph explaining your background and interests.
Please use "PhD applicant 2027" in your email subject line.