

ASSISTANT PROFESSOR, AEROSPACE &
MECHANICAL ENGINEERING
University of Arizona

Direct Link: <https://www.AcademicKeys.com/r?job=247560>

Downloaded On: Oct. 28, 2024 7:18am

Posted Oct. 23, 2024, set to expire Feb. 24, 2025

Job Title ASSISTANT PROFESSOR, AEROSPACE & MECHANICAL ENGINEERING
Department Aerospace and Mechanical Engineering
<https://ame.engineering.arizona.edu/>
Institution University of Arizona
Tucson, Arizona

Date Posted Oct. 23, 2024

Application Deadline Review of applications will begin in December 2024 on a rolling basis;
however, applications will be accepted until the position

Position Start Date Start of Fall 2025

Job Categories Assistant Professor

Academic Field(s) Mechanical Engineering
Aerospace/Aeronautical/Astronautics
Engineering - Other

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Apply By Email

Job Description

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Position Highlights

The Department of Aerospace & Mechanical Engineering (AME) at the University of Arizona invites applications for a tenure-track faculty position at the Assistant Professor rank in low-speed experimental aerodynamics. Priority will be given to candidates who have a strong background in fundamental fluid dynamics.

The successful candidate will be able to utilize the Arizona Low Speed Wind Tunnel (<https://transition.arizona.edu/facilities/alswt>) to conduct cutting edge research in fields such as aeronautics, flow control, boundary-layer transition, wind energy, and/or urban air mobility, among others. Candidates who can span several of these areas are also encouraged to apply. This position is part of the multi-year hiring process associated with growth in AME and the College of Engineering.

Review of applications will begin in December 2024 on a rolling basis; however, applications will be accepted until the position is filled.

Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; sick leave and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; retirement plans; access to UA recreation and cultural activities; and more!

The University of Arizona has been recognized for our innovative work-life programs. For more information about working at the University of Arizona and relocations services, please click [here](#).

Duties & Responsibilities

- The successful candidate will be expected to establish an externally funded and nationally and internationally recognized research program, teach and develop undergraduate and graduate courses, and contribute to mentoring students, including those from traditionally underrepresented backgrounds.
- The successful candidate will also be expected to contribute to an environment that nurtures collaboration among researchers across the Department, College and University.
- The successful candidate will participate in outreach and contribute to departmental, college, and university service. In these, and other, ways the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity, ensuring equity, and expanding collaborations with community and business partners.

Minimum Qualifications

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- Ph.D. degree in aerospace or mechanical engineering or a closely related discipline at the time of hire.
- The selected candidate must provide education credentials during the offer discussions.
- No experience beyond the Ph.D. is required for appointment at the Assistant Rank.

Rank: Assistant Professor

Tenure Information: Tenure Track (T/TE)

FLSA: Exempt

Full Time/Part Time: Full Time

Number of Hours Worked Per Week: 40

Job FTE: 1.0

Work Calendar: Academic

Job Category: Faculty

Benefits Eligible: Yes - Full Benefits

Rate of Pay: \$106,000-\$115,000

Compensation Type: salary at 1.0 full-time equivalency (FTE)

Type of criminal background check required: Name-based criminal background check (non-security sensitive)

Number of Vacancies: 1

Location: Main campus, 1130 N. Mountain Ave, Tucson, AZ 85719

Target Hire Date: Start of Fall 2025

Contact Information for Candidates: Farzad Mashayek, mashayek@arizona.edu; Mauro Oliveros, moliveros@arizona.edu

Open Date: 10/18/2024

Open Until Filled: Yes

Documents Needed to Apply: Resume, Cover Letter, and Three Additional Documents

Special Instructions to Applicant: Please submit the following documents:

- 1) Cover Letter
- 2) CV
- 3) In 'Additional Document 1' slot: Statement of Research Interests (no more than 3 pages).
- 4) In 'Additional Document 2' slot: Statement of Teaching Philosophy (no more than 2 pages).
- 5) In 'Additional Document 3' slot: Three Reference's Contact Information (phone and email).

Notice of Availability of the Annual Security and Fire Safety Report:



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In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), each year the University of Arizona releases an [Annual Security Report \(ASR\)](#) for each of the University's campuses. These reports disclose information including Clery crime statistics for the previous three calendar years and policies, procedures, and programs the University uses to keep students and employees safe, including how to report crimes or other emergencies and resources for crime victims. As a campus with residential housing facilities, the Main Campus ASR also includes a combined Annual Fire Safety report with information on fire statistics and fire safety systems, policies, and procedures.

Paper copies of the Reports can be obtained by contacting the University Compliance Office at cleryact@arizona.edu.

EEO/AA Policy

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As a Hispanic-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

Contact Information

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

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Contact Dr. Farzad Mashayek, Professor and Department
Head
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Contact E-mail mashayek@arizona.edu