

Assistant, Associate, or Full Professor, Aerospace and
Mechanical Engineering
University of Arizona

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Posted Jan. 22, 2021, set to expire May 24, 2021

Job Title Assistant, Associate, or Full Professor, Aerospace and Mechanical Engineering

Department Aerospace and Mechanical Engineering
<http://ame.arizona.edu>

Institution University of Arizona
Tucson, Arizona

Date Posted Jan. 22, 2021

Application Open until filled
Deadline

Position Aug. 16, 2021
Start Date

Job Core Faculty
Categories
Assistant Professor
Associate Professor
Professor

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

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Job
Description

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The Aerospace and Mechanical Engineer Department (AME) at the University of Arizona invites applications and nominations for a tenure-track faculty position at the Assistant, Associate or Full Professor level in the area of Hypersonics with an emphasis in solid mechanics for advanced materials and structures, and related advanced manufacturing.

The successful candidate is expected to establish an externally funded and nationally and internationally recognized research program that is aligned with Grand Challenges of the University of Arizona's new strategic plan, including Hypersonics and space technologies. Opportunities for synergy with existing research activities in the department, college and the University will be viewed favorably. The Department offers excellent opportunities to collaborate with ongoing related research efforts in aerodynamics (including Hypersonics), control systems, micro-air vehicles, and spacecraft GNC, micro-technology, rocket and space engineering, as well as other ongoing research efforts in astrodynamics, vibrations, CFD, computational design optimization, fluid instability, and multi-scale mechanics of materials, and robotics.

Further opportunities for collaboration on campus include the Department of Planetary Sciences, the Arizona Health Sciences Center, and the Bio5 Institute for Collaborative Bioresearch, the College of Optical Sciences and the Program in Applied Mathematics, all of which enjoy international recognition as centers for world-class academic programs and research.

Requirements:

Minimum requirements include PhD in Aerospace or Mechanical Engineering or a closely related discipline; demonstrated research potential or accomplishments; experience teaching and mentoring students; research experience; track record of peer-reviewed publications. The selected candidate will be required to provide higher education credentials during the offer discussions.

Preferred qualifications include a strong track record of peer-reviewed publications; evidence of interdisciplinary collaboration; and previous teaching experience in the areas of solid mechanics, structures, and materials.

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



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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.

Full details and application information available online at: <https://talent.arizona.edu>

EEO/AA Policy

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Contact Information

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

Contact Nancy Preble
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University of Arizona
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Tucson, AZ 85719

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Contact E-mail npreble@email.arizona.edu