Assistant/Associate/Professor in Mechanics of Aerospace Materials
University of Utah

Job Title	Assistant/Associate/Professor in Mechanics of Aerospace Materials
Department	Mechanical Engineering https://www.mech.utah.edu/
Institution	University of Utah Salt Lake City, Utah
Date Posted	Apr. 21, 2025
Application Deadline	May 15, 2025
Position Start Date	Fall 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Engineering Mechanics Aerospace/Aeronautical/Astronautics
Apply Online Here	https://utah.peopleadmin.com/postings/180737
Apply By Email	

Job Description

The Department of Mechanical Engineering at the University of Utah (**https://mech.utah.edu/**) invites applications for tenure-track faculty positions, with a potential starting date of Fall Semester 2025. Candidates will be considered for all ranks, consistent with their background and experience.

Candidates with interest and expertise in the areas of **mechanics of aerospace materials** are strongly encouraged to apply. Relevant areas of interest include: composites; materials for extreme environments (*e.g.,* impact, high-temperatures, hypersonics); damage modeling of aerospace

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materials; and other new and challenging areas associated with mechanics of aerospace materials. Candidates with expertise in the effect of supersonic and hypersonic flows on materials will also be considered. Exceptional candidates will be considered at the level of associate or full professor.

Candidates must have a demonstrated track record of high-quality research as evidenced by scholarly publications, and they must exhibit strong potential (junior faculty) or an established record (senior faculty) of securing extramural funding with highly regarded scholarly publications. Successful candidates will be able to actively contribute to the Department's growing research presence in their respective areas. Additionally, candidates are expected to develop and teach core undergraduate courses in solid mechanics and develop new courses that support the mechanical engineering graduate program as a whole. Applicants are expected to have an earned Ph.D. or Sc.D. in Mechanical Engineering, or a closely related field.

The University of Utah is a research-focused institution that is home to more than 35,000 students, world-class faculty and researchers, a medical campus, and many start-up companies. The Department of Mechanical Engineering has experienced tremendous growth over the past decade, fueled by the State of Utah's Engineering Initiative, and currently houses more than 40 tenure-line faculty members, over 1,000 undergraduate and 250 graduate students (140 PhD students).

The University of Utah campus is situated in Salt Lake City, a growing, increasingly diverse, metropolitan city with a population of 1M nestled against the backdrop of the beautiful Wasatch Mountains. The greater SLC valley is an important economic hub of the mountain west and is home to a number of large technology and fortune 500 companies. SLC residents enjoy a highly accessible and walkable downtown with vibrant restaurants, sports, nightlife, and cultural events. Salt Lake City residents enjoy easy access to national parks (8 within a few hours' drive), world-class skiing/snowboarding (7 resorts within 1 hour), hiking, fishing, biking, and rafting/kayaking. In addition, faculty members enjoy free access to public transportation and the convenience of an international airport located only 15 minutes from campus.

All applications received by May 15, 2025, will receive full consideration. Applications must be submitted electronically and should include: a cover letter highlighting the applicant's qualifications and relevance to this search, current curriculum vitae, a statement of research interests and plans (2 pages), a statement of teaching interests (2 pages), and contact information of three to five references.

EEO/AA Policy

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All qualified individuals are strongly encouraged to apply. Veterans' preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities.

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, ethnicity, color, religion, national origin, age, disability, sex, sexual orientation, gender, gender identity, gender expression, pregnancy, pregnancy-related conditions, genetic information, or protected veteran's status. The University does not discriminate on the basis of sex in the education program or activity that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about the application of Title IX and its regulations may be referred to the Title IX Coordinator, to the Department of Education, Office for Civil Rights, or both.

To request a reasonable accommodation for a disability or if you or someone you know has experienced discrimination or sexual misconduct including sexual harassment, you may contact the Director/Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action (OEO/AA). More information, including the Director/Title IX Coordinator's office address, electronic mail address, and telephone number can be located at:
https://www.utah.edu/nondiscrimination/
Online reports may be submitted at oeo.utah.edu

Contact Information

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

Contact Tiffany Benson
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Salt Lake City, UT

Contact E-mail tiffany.benson@utah.edu