

Assistant/Associate/Professor in Aerospace Materials
University of Utah

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Posted Oct. 1, 2024, set to expire Jan. 15, 2025

Job Title	Assistant/Associate/Professor in Aerospace Materials
Department	Mechanical Engineering https://mech.utah.edu/
Institution	University of Utah Salt Lake City, Utah
Date Posted	Oct. 1, 2024
Application Deadline	Jan. 15, 2025
Position Start Date	Jul. 1, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Aerospace/Aeronautical/Astronautics
Apply Online Here	https://utah.peopleadmin.com/postings/170602

Apply By Email

Job Description

The Department of Mechanical Engineering at the University of Utah (<https://mech.utah.edu/>) invites applicants for a tenure-track faculty position with research and teaching in the area of aerospace materials, with an anticipated start date in Fall 2025. While all areas of aerospace materials will be considered, preference will be given to individuals focused on experimental characterization. Relevant areas of interest include: composites; materials for extreme environments (e.g., irradiation, impact, cryogenic and/or high-temperatures); advanced manufacturing of composite materials (e.g., polymer matrix composites, ceramic matrix composites); hypersonics; novel experimental techniques; and other new and challenging areas associated with aerospace materials. Exceptional candidates will be

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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 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 expected to actively contribute to the Department's growing research presence in solid mechanics. Applicants are expected to have an earned Ph.D. or Sc.D. in Mechanical Engineering or a closely related field.

Desired attributes for the position include the ability to:

- Establish a strong, sustainable, externally funded research group.
- Provide high-quality, effective teaching of core courses in Mechanical Engineering, specifically those focusing on solid mechanics topics.
- Communicate well with students, colleagues, industry, and government personnel.

The University of Utah, a member of the Association of American Universities, is a research-focused institution home to more than 35,000 students, world-class faculty and researchers, a medical campus, and many start-up companies. The University of Utah maintains more than 50 on-campus recharge centers with state-of-the-science infrastructure to robustly support aerospace materials research. 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 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 several 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 November 15, 2024 will receive full consideration. Applications must be submitted electronically at <https://utah.peopleadmin.com/postings/170602> and must include a cover letter that highlights the applicant's qualifications and relevance to this search, a curriculum vitae, a statement of research interests and plans (2 pages), a statement of teaching interests (2 pages), and

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contact information of three to five academic references.

EEO/AA Policy

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
Mechanical Engineering
University of Utah
1495 E 100 S
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Salt Lake City, UT 84112



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