

Metallurgical and Materials Engineering - Assistant
Professor
University of Alabama

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Posted Oct. 8, 2025, set to expire Oct. 7, 2026

Job Title	Metallurgical and Materials Engineering - Assistant Professor
Department	Metallurgical and Materials Engineering https://mte.eng.ua.edu/
Institution	University of Alabama Tuscaloosa, Alabama
Date Posted	Oct. 8, 2025
Application Deadline	Open until filled
Position Start Date	Aug. 16, 2026
Job Categories	Assistant Professor
Academic Field(s)	Material/Metallurgy
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Apply By Email

Job Description

The Department of Metallurgical and Materials Engineering (MTE: <https://mte.eng.ua.edu/>) and the College of Engineering (CoE: <https://eng.ua.edu/>) at The University of Alabama (UA: <https://ua.edu/>) invite applications for a tenure-track position at the rank of Assistant Professor within the department. Candidates with particular research emphasis and interests in the areas of solidification science and metal casting are of particular interest and thus are strongly encouraged to apply.

Minimum Qualifications

- Earned Ph.D. in Metallurgical Engineering, Material Science and Engineering, or a closely related

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discipline from an accredited institution.

- Demonstrated record of prior research work and a record of impactful scholarly publications in refereed journals, conference proceedings, and similarly impactful venues, particularly in the areas of metal casting and solidification science.
- Demonstrated interest and/or record in metallurgical engineering, materials science and engineering, and/or materials science education and professional service in area(s) of specialization.
- Effective verbal and written communication skills.
- Show the potential to construct and sustain a quality research program.
- Exhibit the potential for excellent teaching at both the graduate and undergraduate levels.

Applicants must also meet all university criteria for appointment to the rank of Assistant Professor.

Preferred Qualifications

- Demonstrated a record of high-quality research and scholarly publications that is recognized nationally and/or internationally.
 - Significant record of scholarship in metallurgical engineering, materials science, or a closely related department with both undergraduate and graduate degree programs.
 - Post-doctoral experience or other similar post-graduate experience.
 - Exceptional collegial, interpersonal, and mentoring skills.
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Instructions and Required Materials for Application

Required application documents include a: (1) cover letter that includes both the department name and rank of position for which the candidate is applying, (2) a resume/curriculum vitae, (3) a 4 to 6 page statement of research interests and plans, (4) a one to two page statement of teaching interests and plans, and (5) the names and contact information for at least four references.

Review of applications will begin immediately. Applications are preferred on or before October 20, 2025 to receive fullest consideration, but the search will continue until the positions are filled. A position start date of August 16, 2026 would be typical, but flexibility with respect to start date is possible.

Questions about the position can be directed to mte-search@eng.ua.edu. The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. Candidates from under-represented groups are encouraged to apply.

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EEO/AA Policy

Prior to hiring, the final candidate(s) must successfully pass a pre-employment background investigation and information obtained from social media and other internet sources. A prior conviction reported as a result of the background investigation DOES NOT automatically disqualify a candidate from consideration for this position. A candidate with a prior conviction or negative behavioral red flags will receive an individualized review of the prior conviction or negative behavioral red flags before a hiring decision is made.

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, genetic information, disability or protected veteran status and will not be discriminated against because of their protected status. Applicants to and employees of this institution are protected under Federal law from discrimination on several bases. Follow the link below to find out more. "EEO is the Law"

<https://www.eeoc.gov/overview>

Contact Information

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

Contact

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