



## **Faculty Position: Assistant Professor – Additive Manufacturing**

Quick Link to Apply: <https://jobs.untssystem.edu/postings/64860>

The University of North Texas (UNT) seeks outstanding applicants for a tenure track position in Materials Science and Engineering (MTSE). Applicants are sought at the Assistant Professor level with strong research experience in additive manufacturing (AM) of materials. A successful candidate must be capable of developing a strong externally funded research program and have a strong interest in both undergraduate and graduate teaching and mentoring. Salary, benefits, and teaching load typical for a major research university can be expected.

Applicants must have an earned doctorate in Materials Science and Engineering or a related field, and have demonstrated expertise in processing-microstructure-property relationships in additively manufactured materials. Materials of interest include metals and ceramics for aerospace, biomedical, and oil and natural gas industries. Preference will be given to applicants who provide detailed plans on how they envision collaborating on research with members of the MTSE department and faculty within the UNT College of Engineering.

UNT is ranked among the nation's 131 top-tier research universities and is categorized as a Minority Serving Institution (MSI). UNT has built a state-of-the-art Center for Agile and Adaptive Additive Manufacturing (CAAAM, [caaam.unt.edu](http://caaam.unt.edu)), a State of Texas funded multi-million-dollar initiative with a multi-disciplinary focus on further advancing the science and technology of AM. Additionally, the existing Materials Research Facility (MRF, [mrf.research.unt.edu](http://mrf.research.unt.edu)) has a complementary suite of advanced analytical equipment and the Advanced Materials and Manufacturing Processes Institute (AMMPI) is a research institute which is focused to test, develop and process next-generation materials via rapid combinatorial assessment and advanced processing technologies. A successful candidate is expected to work closely with the CAAAM, MRF, and AMMPI associated faculty and researchers in multidisciplinary areas related to AM.

Applicants must apply online at <http://facultyjobs.unt.edu>. Submit a cover letter, a curriculum vitae, a statement of teaching interests, research plans, and the name and contact information of three professional references. Screening of applications will begin on November 1, 2022 and will continue until the search is closed.

The University of North Texas System and its component institutions are committed to equal opportunity and comply with all applicable federal and state laws regarding nondiscrimination and affirmative action. The University of North Texas System and its component institutions do not discriminate on the basis of race, color, sex, sexual orientation, gender identity, gender expression, religion, national origin, age, disability, genetic information, or veteran status in its application and admission processes, educational programs and activities, and employment practices.

**Minimum Qualifications:** Applicants must have an earned doctorate in Materials Science and Engineering or a related field, and have demonstrated expertise in processing-microstructure-property relationships in additively manufactured materials. A strong publication record and the potential to succeed in securing external research funding and mentoring graduate students are required.



Preferred Qualifications: Candidates should have experience with experimentally and computationally-assisted methods for material design, process optimization, and performance prediction, and at least one degree from a US institution.