

Postdoctoral Research Assoc
University of North Texas

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Posted Feb. 11, 2020, expired Oct. 18, 2020

Job Title	Postdoctoral Research Assoc
Department	UNT-Ctr Agile & Adaptive Add. Mfg-190405
Institution	University of North Texas Denton, Texas
Date Posted	Feb. 11, 2020
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Manufacturing & Quality Engineering Engineering - Other
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Job Description

The position primarily involves carrying out research, training, and education activities related to additive manufacturing (AM). These activities will include experimental and computational approaches. The experimental approach will be based on but not limited to materials processing and manufacturing using various types of additive manufacturing processes, pre and post AM characterization of materials/components for microstructural and functional properties, in-situ AM process diagnostics and material characterization and/or monitoring. The computational activities will include computational approach for additive manufacturing process design, monitoring, and control and modeling for material evolution. The skills desired for this job also include abilities to interpret experimental and computational results, organization of results, as well as developing appropriate presentation tools for effectively communicating these results. These activities will spread over the sub-areas relevant to AM such as fundamentals of AM, data science and analytics, cybersecurity, logistics & supply chain management that are identified as the thrusts areas within the Center for Agile & Adaptive Additive Manufacturing (CAAAM).

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Minimum Qualification:

Ph.D. in engineering or physical science or any other field relevant to the AM thrust areas identified and listed above.

Contact Information

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

Contact

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