Assistant Professor
Louisiana Tech University

Job Title	Assistant Professor
Department	College of Engineering and Science
Institution	Louisiana Tech University Ruston, Louisiana
Date Posted	May 16, 2024
Application Deadline	Open until filled
Position Start Date	Sep. 1, 2024
Job Categories	Assistant Professor
Academic Field(s)	Manufacturing & Quality Engineering
Job Website	https://ulsltu.wd1.myworkdayjobs.com/en-US/LATECHCareers/details/Assistant-Professor--Institute-for-Micromanufacturing--IfM-_R-1218?q=IFM
Apply By Email	

Job Description

The College of Engineering and Science at Louisiana Tech University invites applications for a tenure-track faculty position to support the research and educational mission of its Institute for Micromanufacturing (IfM). Candidates of particular interest include those with demonstrated research accomplishments in the fields of microelectronics, microelectronics packaging, microelectronics failure, and/or semiconductor materials. Opportunities exist for the ideal candidate to receive immediate funding support from a recently awarded 2 year, $1.3M U.S. Department of Defense grant (Louisiana Tech awarded $1.3 million DoD grant | Louisiana Tech University (latech.edu)). Candidates must hold a doctorate or equivalent degree in Mechanical, Electrical, Chemical, or Materials Engineering, Materials Science, or in a field with significant overlap.

Successful tenure-track candidates are expected to actively participate in multidisciplinary research

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efforts in the College; initiate, build and sustain an externally funded research program; and supervise masters and doctoral students. Excellent written and oral communication skills, strong teaching skills, and a commitment to high quality university and professional service are also expected. The College is especially interested in qualified candidates who can contribute, through their research, teaching and/or service, to the diversity and excellence of the academic community. To build a diverse workforce the college encourages applications from women, minorities, veterans, and individuals with disabilities. See the College website for more information (http://coes.latech.edu).

Along with your application, compile a single PDF that includes 1) cover letter; 2) curriculum vitae; 3) statement of research interests and plans; 4) description of teaching experience and interests; and 5) the names and contact information for at least three references. Review of applications will begin immediately and will continue until the position is filled. The anticipated start date is September 2024 but may be negotiable.

Louisiana Tech University’s Institute for Micromanufacturing (IfM) is one of only a small number of EPSCoR state R&D facilities committed to research, education, and training in semiconductor materials and microfabrication. Housed in its own dedicated facility built in 1995 with the help of federal and State investments, the IfM plays an indispensable role in supporting basic and applied research as well as workforce development both in the region and nationally. Students trained at IfM occupy R&D and management positions at Intel, AMD, Samsung, SONY, Texas Instruments, Meta, and other companies that make use of semiconductor and microscale processing technologies, as well as at several Defense-serving companies such as Raytheon, Northrup Grumman, Boeing, and Radiance Technologies. The IfM offers over 20,000 sq. ft. of research space including 5,000 sq. ft. of cleanrooms for the design, fabrication, and testing of application-specific microsystems and the basic science behind them. The IfM is a collaborative and interdisciplinary research environment focused on innovations in multiscale materials, structures,

devices and systems. In addition to scientific research, the IfM also includes in its mission the education and training to the next generation of scientists and engineers. More information on the IfM research center can be found at its website (http://ifm.latech.edu).

Louisiana Tech University is an EEO/AA employer. EEO/AA Policy: Louisiana Tech University adheres to the equal opportunity provisions of federal and civil rights laws, and does not discriminate on the basis of race, color, national origin, religion, age, sex, sexual orientation, marital status or disability. To build a diverse workforce the college encourages applications from individuals with disabilities, minorities, veterans, and women.

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Contact Information

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

Contact Arden Moore
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