



## Advanced Manufacturing Faculty Positions

(Reference #00061906)

As part of a focused hiring campaign in the area of Advanced Manufacturing, the Missouri University of Science and Technology is seeking candidates for three positions, two tenure-track at the assistant professor level and a one mid-career position at either the associate professor or professor level in advanced manufacturing. All application materials must have the position reference number (00061906) in order to be processed. Candidates should have a Ph.D. (or equivalent degree) in mechanical engineering, electrical engineering, industrial engineering, materials science, computer science or related fields. Successful candidates will be required to demonstrate the potential to establish and grow a strong research program and to participate in all aspects of Missouri S&T's mission, which includes research, teaching and service. Experience in advanced manufacturing, including additive manufacturing, micro/nano-manufacturing, energy manufacturing, sustainable manufacturing, composites manufacturing, bio-manufacturing, cyber-physical manufacturing, and novel manufacturing processes. We are particularly interested in qualified candidates who have expertise in one or more of the following areas: materials processing, process control, metrology, multi-scale modeling and analysis, big data analytics, cloud manufacturing, and design of advanced materials/manufacturing/systems. The appointment is anticipated to begin Fall 2017.

Additional information regarding the Advanced Manufacturing signature area is available at: [signature.mst.edu](http://signature.mst.edu). Missouri S&T has excellent researchers and facilities in advanced manufacturing. It has three industrially relevant national research centers: the Center for Aerospace Manufacturing Technologies; the Peaslee Steel Manufacturing Research Center; and a site of the NSF Industry-University Cooperative Research Center in Intelligent Maintenance Systems. Missouri S&T has a worldwide reputation for academic excellence with 6,100-plus undergraduate and nearly 2,000 graduate students. The university is situated on a 284-acre campus in Rolla, a community of 19,600 in the heart of the Missouri Ozarks. Rolla is one of the "best small towns in America." Details regarding Missouri S&T can be found at <http://www.mst.edu/>. In addition, details of research centers on campus can be found at <http://hr.mst.edu/careers/signature/advancedmanufacturing/> and <http://www.mst.edu/research/>.

Candidates should include the following with their letter of application: 1. current curriculum vitae; 2. statement of research plans; 3. statement of teaching philosophy; and 4. names and contact information for at least three references. All application materials must have the position reference number as referred to above in order to be processed.

Review of applications will begin on January 1, 2017 and applications will be accepted and reviewed until the position is filled. All application materials must be electronically submitted to the Missouri University of Science and Technology's Human Resource Office at (position ID #20628 or Reference #00061906): <http://hr.mst.edu/careers/academic/>. Acceptable electronic formats that can be used include PDF and Word.

Missouri S&T is an AA/EEO Employer and does not discriminate based on race, color, religion, sex, sexual orientation, national origin, age, disability, or status as Vietnam-era veteran. Females, minorities, and persons with disabilities are encouraged to apply. The university participates in E-Verify. For more information on E-Verify, please contact DHS at: 1-800-464-3218. Any person having inquiries concerning the application of Title VI of the Civil Rights Act of 1964, Title IX of the Education amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 or other civil rights laws should contact the AA/EEO/Title IX Coordinator at (573) 341-4920.