



ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR OF MECHANICAL ENGINEERING: ADVANCED MATERIALS

The Department of Mechanical Engineering at Colorado State University invites applications for one tenure/tenure-track faculty position at the level of assistant professor or associate professor. Candidates with research and teaching expertise in advanced materials and materials manufacturing and related mechanical engineering areas are sought to synergistically strengthen current departmental research and teaching activities. Specific areas of interest include:

- Multifunctional Materials
- Advanced Materials Characterization
- High Temperature Structural Materials
- Soft Materials
- Micro and Nanofabrication

This faculty position is a full-time nine-month appointment starting Fall 2018. Successful candidates will be expected to build and maintain a strong, internationally recognized research program supported through external funding, to enhance the Department's educational programs, and to provide service to the University and broader community. Successful candidates will be expected to teach courses in our mechanical engineering curriculum at the undergraduate, M.S. and Ph.D. levels, advise undergraduate and graduate students, and develop advanced courses in his or her areas of expertise. Further information about the Department can be found at www.engr.colostate.edu/me/.

A Ph.D. or equivalent in mechanical engineering or a closely related field is required by start date. Candidates should demonstrate great promise for extraordinary scholarship, and preferably have post-doctoral experience in an academic, government, or industrial setting. Candidates must exhibit ability and enthusiasm to teach courses in the Department's undergraduate and graduate curriculum and demonstrate a personal and professional commitment to diversity.

Applications and nominations will be considered until the position(s) are filled; however, applications should be received by October 29, 2017 at 11:59pm to ensure full consideration. Applicants should submit a cover letter clearly indicating how their materials research fits into the department, curriculum vitae, maximum one-page statement of teaching interests, up to two-page statement of research interests, and names and contact information for at least three professional references. References will not be contacted without prior notification to candidates. Please apply at <http://jobs.colostate.edu/postings/50006>

For questions regarding this search, please contact:

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Mechanical Engineering @ CSU

The Department of Mechanical Engineering (ME) at Colorado State University offers a curriculum that integrates exceptional classroom learning and in-depth engineering practice for an unparalleled educational experience. Made up of 38 faculty members, 8 staff members, 1200 undergraduate students, and 150 graduate students, mechanical engineering is one of the largest departments on CSU's campus. State-of-the-art labs provide unmatched, hands-on experience to help undergraduate students conceptualize industry environments; and, \$7.5M in annual research funding, provides groundbreaking opportunities focusing on health, materials, and energy, for graduate students to enhance their educational concentrations. Award-winning faculty offer industry and academic perspective, equipping each graduate with the tools needed to obtain leading positions in advanced technology fields. Further information about the Department can be found at www.engr.colostate.edu/me/.

Materials Science and Engineering @ CSU

CSU has a new School of Advanced Materials Discovery (SAMD) [<http://vpr.colostate.edu/SAMD/>] that grants graduate degrees (MS and PhD) in materials science and engineering. SAMD is an interdisciplinary school spanning multiple departments and colleges that serves as a nexus for materials science and engineering research and education at CSU.

Central Instrument Facility @ CSU

Central Instrument Facility (CIF) <http://cif.colostate.edu/> provides state-of-the-art research infrastructure and education services in support of advanced chemical and materials science. The CIF offers a complement of sophisticated instruments and technical expertise in materials science and engineering, including Imaging and Surface Science (SEM, TEM, AFM, Profilometer, Contact Angle Goniometer), mass spectrometry, material property analysis (thermal/magnetic/electrical), X-ray diffraction and spectroscopy and so forth.

Located 60 miles north of Denver, at the base of the Rocky Mountain foothills, Fort Collins is often ranked among the top places to live in the United States. The city offers a pleasant climate with excellent schools and abundant cultural and recreational opportunities nearby. More information on Fort Collins is available at www.ftcollins.com.

Condition for Employment:

Colorado State University (CSU) strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks. The type of background check conducted varies by position and can include, but is not limited to, criminal (felony and misdemeanor) history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will be conducted when required by law or contract and when, in the discretion of the university, it is reasonable and prudent to do so.

Commitment to Diversity and Inclusion:

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.