The Department of Mechanical Engineering at Colorado State University is hiring multiple tenure-track/tenured faculty in a variety of sub-disciplines.

The department has seen phenomenal growth in recent years and currently has 27 faculty and 6 instructors, with plans to hire many more and offers an ABET accredited BSME degree along with the MS, MEng and PhD degrees in a wide range of research areas.

The Department of Mechanical Engineering at Colorado State University invites applications for a tenure/tenure track faculty position(s) at the level of an assistant or associate professor, in the following areas:

**BIOMEDICAL**

Candidates with research and teaching expertise in all areas of biomedical engineering and related mechanical engineering areas will be considered, particularly those with the following interests that synergistically strengthen current departmental research and teaching activities:

1. Biofluid and biosolid mechanics
2. Regenerative medicine and tissue engineering
3. Biomaterials
4. Biomedical imaging
5. Biosensors

To apply visit: [http://jobs.colostate.edu/postings/17977](http://jobs.colostate.edu/postings/17977)

**ENERGY**

Candidates with research and teaching expertise in energy applications and related mechanical engineering areas are sought to synergistically strengthen current departmental research and teaching activities. Specific areas of interest are:

1. Internal Combustion Engines
2. Combustion, Fuels, Chemical Kinetics and/or Catalysis
3. Computational and/or Experimental Fluid Mechanics
5. Impact of Energy Use on Environment, Climate, Air Quality, Public Health and Policy
6. Energy Systems Engineering
7. Control of Energy Systems
8. Solar and/or Wind Energy

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**MATERIALS**

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. Candidates working in the broad application areas of energy, health, materials, manufacturing, systems, combustion and design are encouraged to apply. Specific areas of interest are:

1. Systems Engineering applied to materials science and the Materials Genome
2. Materials development, processing/manufacturing, and applications including: multifunctional; stimuli-responsive; nanomaterials; biomaterials; soft materials; composites; experimental fluid mechanics; etc.
3. Materials for manufacturing Photovoltaics and other energy conversion devices
4. Computational materials science: multi-scale modeling, shortened development cycles, systems

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Colorado State is 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.fcollins.com](http://www.fcollins.com).

CSU is an EO/EA/AA employer.

Colorado State University conducts background checks on all final candidates.