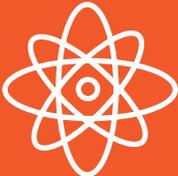


Faculty Positions

Additive Manufacturing | Advanced Manufacturing |
Electronic/Quantum Materials

Golden, Colorado



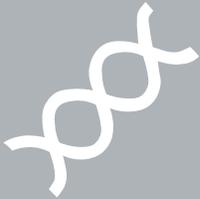
#2

combining
scholarly research
and classroom
instruction by
WSJ



370

tenured and
tenure-track
faculty, research
faculty, teaching
faculty



#4

best engineering
college in the
United States by
Money Magazine
in 2020

Colorado School of Mines (Mines) invites applications for multiple tenured/tenure-track faculty positions in three clusters: (1) Computational Science and Data Analytics, (2) Advanced Manufacturing and Materials, and (3) Quantum Information, Electronic Materials and Devices. These cluster hires are an integral part of Mines' strategic effort to grow in areas where we already have significant strengths or where our strengths are emerging. Mines is a great place to engage in education and research in each of these areas as they relate to our Earth, Energy and Environment mission. Mines is especially interested in qualified candidates who can contribute, through their research, teaching, and service, to the diversity and excellence of the academic community.

These tenured and tenure-track positions are anticipated to begin in August 2021. In addition, the new faculty hired could be hired into one of eight departments including the Department of Electrical Engineering. Qualified EE candidates are particularly encouraged to apply for the for the Quantum Information, Electronic Materials and Devices cluster as the EE department seeks to strengthen its connections with Mines' highly regarded Materials Science program and its recently launched Quantum Engineering program. Specific interests for this cluster include (a) Quantum Information (theory and experiment), (b) Functional and Quantum Materials, and (c) Integrated Electronics. Related to Integrated Electronics, examples of research topics include, but are not limited to: MEMS or III-V semiconductor-based circuits and devices utilizing novel materials and/or (potentially additive) manufacturing techniques, optical materials and photonics, the design and development of new materials for application to low-temperature circuits for quantum applications, as well as advanced circuit and device modeling and simulation capabilities, including machine learning, for computer aided design and design optimization.

Mines, Colorado's oldest public university, is located in Golden, Colorado, in the foothills of the Rockies, 13 miles west of Denver and 21 miles south of Boulder. Mines has 5,196 undergraduate students and 1,569 graduate students in a broad range of applied science and engineering disciplines. The School's proximity to Denver and Boulder provides opportunities for significant collaboration with government labs and industry as well as other universities. Mines is consistently [ranked](#) among the top engineering colleges in the United States .

Contact Us

View complete announcements at <https://jobs.mines.edu/>.