

Faculty Positions

Computational Science & Data Methods |
Business Analytics | Applied Data Science &
Machine Learning | Computational Hydrology

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

THE OPPORTUNITIES

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. The new faculty could be hired into one of eight departments. Specific interests for this cluster include positions in: 1) **Computational Mathematics and Data Science Methods** with particular interest in algorithm analysis and development, high performance computing, and applications to scientific and engineering modeling as well as statistical and machine learning and data analysis; 2) **Business Analytics** with particular interest in business/data analytics, management science, operations research, industrial engineering, or a closely related data-analytics discipline to develop and support the quantitative business programs on campus; 3) **Applied Data Science and Machine Learning** with particular interest in data science, data analytics, geostatistics, machine learning and other artificial intelligence techniques to address earth and environmental science problems of societal relevance; 4) **Computational Hydrology** with particular interest in surface water hydrology, groundwater hydrology, hydrogeophysics, "big data" hydrology, or large-scale modeling of hydrologic systems. We seek candidates excited to share in our mission to address the challenges of creating a sustainable global society by educating the next generation of scientists and engineers.

Contact Us

For more information, contact Kamini Singha at ksingha@mines.edu.
View complete announcements at <https://jobs.mines.edu/>.