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# Summer Research Program: Integrating Computation and Experiment to Create Revolutionary Materials

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**Who:** Undergraduate students in STEM, particularly first and second years

**What:** Participate in an interdisciplinary research team

**Where:** Colorado School of Mines, Golden CO

**When:** May 18<sup>th</sup> – July 31<sup>st</sup> (11 weeks)

**Topics:** *Materials science:* renewable energy, 3D printing, semiconductors, materials for extreme environments  
*Computer science:* data visualization, artificial intelligence  
*Engineering:* robotics and automation

Student research projects will involve two or more of the above disciplines; the common theme will be generating and analyzing large datasets to guide scientific discovery

**Support:** Stipend, room and board, and travel allowance are provided

**Priority deadline: Feb. 15**

**Apply now at: [materialsreu.mines.edu](http://materialsreu.mines.edu)**



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