**Postdoctoral Position in Computational Materials Science and Mechanics**

An opening for a highly qualified postdoctoral researcher in the area of computational materials science and mechanics is available at the Colorado School of Mines with Prof. Garritt J. Tucker in the Department of Mechanical Engineering. The Tucker research group is active in a number of projects that relate to nanostructured materials modeling, microstructural alloy design, and interfacial-driven properties of materials. The Tucker group is specifically focused on collaborative projects with leading experts in experimental synthesis, characterization, and testing of materials. As such, we seek not only computational researchers, but those with a relevant experimental background as well that look to integrate computational methods into their capabilities. Beyond research, the position will also include opportunities for student mentorship and teaching, at both the undergraduate and graduate levels, as well as building multidisciplinary research projects from various institutions.

Candidates with expertise in at least one of the following areas are encouraged to apply: computational materials science, microstructural evolution and stability, mechanics of materials, atomistic/molecular modeling, *ab initio* methods, nanocrystalline alloys, multiscale modeling, materials informatics, and high-performance computing.

**Interested candidates can apply by sending the following items in a single pdf to tucker@mines.edu with the subject ‘Open Postdoc Position’:**

- 2-page CV
- 1-page research statement: listing areas of expertise and notable accomplishments
- 3 professional references (contact information)

*Applications will continue to be accepted until the position is filled with a target start date of early 2018.*

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**Microstructural Deformation in Alloys**

[Diagram](Image)

*Gruber et al., (2017, 2018); Tucker et al., (2011, 2015)*

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**Novel Strain Mechanisms**

[Diagram](Image)

*Gruber et al., (2016)*