**COMPUTATIONAL MATERIALS AND MECHANICS GROUP**

**UNIVERSITY OF CONNECTICUT**

## Postdoctoral Position

### ATOMIC SCALE MODELING AND MACHINE LEARNING

The Computational Materials and Mechanics Group (CMMG) at the University of Connecticut has an opening for a postdoctoral researcher in modeling of behavior of materials at the atomic scales starting Spring 2019.

The postdoctoral researcher will use atomistic modeling methods (density functional theory, molecular dynamics) and machine learning algorithms to investigate the links between atomic scale microstructure and the properties/behavior of materials in various environments. More details of the research being done in the group can be found at: http://dongare.group.uconn.edu/.

**Qualifications:**

- PhD in Materials Science, Mechanical Engineering, Chemical Engineering, Chemistry, or a closely related area
- First author publications focused on the applications of classical molecular dynamics simulations and or density functional theory calculations
- Demonstrated experience (through publications) in use of machine learning methods

Interested candidates should send a CV, contact information of at least three professional references and two representative journal publications (First author) to Prof. Avinash Dongare at dongare@uconn.edu.

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