



University at Buffalo
The State University of New York
Vice President for Research

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AGENCY: U.S. Department of Energy

PROGRAM: Complete Guidelines can be found at [DOE-Computational Materials Sciences 2015](#)

OBJECTIVES: The Office of Basic Energy Sciences (BES) of the U.S. Department of Energy (DOE) announces its interest in receiving applications in Computational Materials Sciences proposing integrated, multidisciplinary teams that will perform research to develop validated community codes and data bases for predictive design of functional materials, excluding structural materials. Computational Materials Sciences Teams could also involve new approaches to enhance the use of large data sets derived from advanced characterization of materials, materials synthesis, processing, and properties assessments and the parallel data that are generated by large scale computational efforts that model materials phenomena. Computational Materials Sciences will support the Materials Genome Initiative for Global Competitiveness (MGI) that was announced by the President in June 2011. The goal of the MGI is to reduce the time from discovery to deployment of new materials by a factor of two and is tied to advancement of American manufacturing capability.

ELIGIBILITY RESTRICTIONS: UB may submit one application for the DOE Computational Materials Sciences Program.

FUNDING INFORMATION: DOE anticipates that individual award sizes will range from \$2,000,000 per year to \$4,000,000 per year. The individual award size will depend on the merit review, the number of meritorious applications, and the availability of appropriated funds. DOE expects to make multiple Computational Materials Sciences awards for a period of up to four years for each award.

INTERNAL REVIEW PROCESS: Letter of Intent must be submitted to the Department of Engery by Monday, February 23, 2015 and the application due date is Friday, April 17, 2015. Due to the limited number of applications, if you or your colleagues are interested in applying, please notify Dr. Kenneth Tramposch at ovpr.limitedsubmission@research.buffalo.edu by February 9, 2014.