



## Faculty Position in Computational Materials Science and Mechanics The Ohio State University

The Department of Materials Science and Engineering (MSE) and the Department of Mechanical and Aerospace Engineering (MAE) at The Ohio State University ([www.osu.edu/mse](http://www.osu.edu/mse)) invite applications for a tenure-track position in computational materials science and mechanics. This joint position is structured with a majority appointment in MSE (80%) and minority appointment in MAE (20%). A key aim of this appointment is to enhance our research expertise in computational modeling of the mechanical behavior of materials at microstructural length scales. Applicants are expected to complement existing modeling and characterization strengths in the OSU materials community, as well as enhance and sustain federal funding and industrial partnerships for advanced structural materials in automotive, aerospace, manufacturing, or other applications.

MSE and MAE have ambitious teaching and learning objectives that enhance the overall research and discovery goals in the College of Engineering and align with major national initiatives such as the Advanced Manufacturing Program and the Materials Genome Initiative. In Fall 2012, MSE will launch a new semester-based undergraduate curriculum with a dedicated track and new courses in computational methods in MSE. This complements an existing graduate program with required core coursework on computational approaches and 3 regularly offered elective courses in this area.

In view of our aspirations, we seek candidates who are ardent discoverers, passionate teachers and mentors, and committed stewards to our discipline. For the best candidate, we offer a vibrant research environment at one of the largest, best equipped and best connected academic research platforms in North America.

This position is open to candidates at all ranks. Candidates must have an earned doctoral degree in materials science and engineering or in a closely related field. The successful candidate will be expected to develop and sustain active sponsored research programs, teach core undergraduate and/or graduate courses, and develop new graduate courses related to their research expertise. The anticipated start date is September, 2012. Screening of applicants will begin immediately and will continue until the position is filled. Interested candidates should submit electronically a complete curriculum vitae, separate 2-3 page statements of research and teaching goals, and the names, addresses, and e-mail addresses of four references to the following e-mail address: [FAC\\_SEARCH@matsceng.ohio-state.edu](mailto:FAC_SEARCH@matsceng.ohio-state.edu).

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The Ohio State University is an affirmative/equal opportunity employer. Women, minorities, and people with disabilities are encouraged to apply and build a diverse workplace. Columbus is a thriving metropolitan community, and the University is responsive to the needs of dual career couples.