



UNIVERSITY OF  
MARYLAND

Department of Mechanical Engineering  
And Maryland NanoCenter  
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### **Post-doctoral Research Associate Position Announcement**

A post-doctoral research associate position is available immediately in the Department of Mechanical Engineering, and Maryland NanoCenter at the University of Maryland, College Park, in the area of multi-scale modeling (from atomistic, molecular, coarse-grained to continuum) of carbon-based nanostructured materials (CNTs, graphene, bucky balls, etc). Material properties of specific interest include mechanical and electrical properties, with special focus on deformation/failure mechanisms and bandgap engineering.

A Ph.D. in solid mechanics, materials science, physics or a related field is required. The candidate should have well-developed multi-scale modeling and simulation skills, established publication record, and strong verbal/writing communication skills.

The position is for a period of one year and may be renewed thereafter. Applications will be reviewed immediately and continue to be accepted until the position is filled. Successful applicant can start immediately or at a negotiable start date. Please send a CV, a cover letter describing research interests and skills, and contact information of three references to Prof. Teng Li ([LiT@umd.edu](mailto:LiT@umd.edu)), Dept. of Mechanical Engineering, and Maryland NanoCenter, University of Maryland, College Park, MD 20742.