Postdoctoral Research Position

The Surface Science and Engineering Lab (SSEL) and Computational Surface Mechanics Lab (CSML) in the Department of Mechanical Engineering, University of California, Berkeley, have an opening at the postdoctoral level in *computational mechanics of materials*. The focus in SSEL and CSML is multi-scale mechanics of materials, thin film synthesis and characterization, and surface engineering/modification processes. The successful applicant should have a strong background in computational mechanics and materials modeling, especially finite element method and molecular dynamics, and will conduct research in finite element analysis of microscale metal forming with direct application in wafer/wire bonding, and molecular dynamics analysis of thin-film growth, doping, oxidation, and diffusion with direct application to next-generation magnetic recording media.

Interested applicants should submit a resume, a list of three references, and a letter of interest to Professor K. Komvopoulos (e-mail: kyriakos@me.berkeley.edu) by February 1, 2018.