

## Faculty Positions in Solid Mechanics at Brown University

The School of Engineering at Brown University is seeking to fill positions in Solid Mechanics at any academic level to start in July 2013. Topics of interest include but are not limited to: micro/nano-scale solid mechanics, mechanics of cells and biological systems, soft matter mechanics, mechanics of materials for energy applications, experimental mechanics, computational mechanics and multiscale modeling. Candidates should have expertise in the mechanics of structural, electronic, biological, and/or energy systems that are complementary and synergistic with existing research areas in the School. The successful candidate is expected to make a significant contribution to the School's research activities and to build a strong, externally funded research program. The candidate should also have a marked interest in, and demonstrated talent for, teaching in both the undergraduate and graduate programs.

The Solid Mechanics Group at Brown fosters a balanced program of research and instruction that integrates the perspectives of continuum mechanics, structure of matter, and materials science. The program has a long standing tradition of leadership through innovations in the analytical, computational, and experimental concepts and methodologies that form the core of the field. Research areas of particular strength in the Mechanics of Solids Group at Brown include: micro/nanoscale solid mechanics; computational and experimental mechanics of materials; deformation and failure in thin films; mechanics of adhesion and friction; biomechanics; multiscale materials modeling; and microstructural evolution in materials processing. Research in cellular and molecular biomechanics and in mechanics of energy storage systems is rapidly growing within the group.

Applications should be received by December 31, 2012 to receive full consideration; however, the positions will remain open until filled or the search is closed. Women and candidates who are members of minority groups are especially encouraged to apply. Brown University is an Equal Opportunity Affirmative Action employer.

Positions are open at all levels. All candidates should submit a CV with a cover letter. The letter should discuss research plans, laboratory requirements and teaching interests. Expectations for the various levels of appointment, and instructions for additional materials to be submitted are:

- Assistant Professor, tenure-track: Candidates should hold a Ph.D. and demonstrate potential for outstanding research and teaching. Candidates should arrange for at least 3 letters of reference to be submitted to the address below.
- Associate Professor, tenured or untenured: Candidates should have an outstanding record of research accomplishment and scholarly achievement, with concomitant strong evidence of emerging leadership in their field. Candidates should provide the names of 5 references whom the search committee may contact directly.
- Professor, with tenure: Candidates should have an outstanding record of research accomplishment and scholarly achievement, with concomitant strong evidence of realized leadership in their field. Candidates should provide the names of 5 references whom the search committee may contact directly.

All application materials should be submitted online through <https://secure.interfolio.com/apply/16168>

Letters of references can also be submitted to: Solid Mechanics Faculty Search, School of Engineering, Brown University, Box D, 184 Hope St, Providence, RI 02912, Email: [schoolofengineeringsearch@brown.edu](mailto:schoolofengineeringsearch@brown.edu)