Tenure Track Position in Mechanics
Brown University

The Division of Engineering at Brown University is seeking to fill a tenure-track position in Mechanics at the assistant professor level. Applications are sought from researchers with interests in experimental, computational, and/or theoretical mechanics. Candidates should have expertise and research interests in the mechanics of structural, electronic, biological, energy materials or systems that are complementary and synergistic with existing research areas in the Division as described below. The successful candidate is expected to make a significant contribution to the Division’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 Mechanics of Solids Group 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: deformation and failure in thin films; micro-electro-mechanical systems and nano-structures; multiscale materials modeling; experimental mechanics of materials; microstructural evolution in materials processing; and cellular and molecular biomechanics as part of the division-wide program in biomedical engineering. Current focal points for activities in the program are the NSF Materials Research Science and Engineering Center (MRSEC) on Micro- and Nanomechanics of Materials and the General Motors Collaborative Research Center on Computational Materials Research. The Group also operates and maintains the state-of-the-art Computational Mechanics Research Facility for use by its graduate students and faculty.

Candidates should send a letter of application, a curriculum vita, a brief summary of research and teaching interests. Candidates should also provide the names and contact information of five possible references, whom the search committee may contact directly. Electronic applications or expressions of interest are encouraged. The Search Committee will begin reviewing applications on December 15, 2006; applications received after that date may not receive full consideration and will continue to do so until the position is filled. For further information, or to apply, write to:

Professor William Curtin, Chair
Solid Mechanics Search Committee
Brown University
Division of Engineering, Box D
Providence, RI 02912
Email: William_Curtin@Brown.Edu

*Brown University is an EEO/AA employer. Minorities and women are encouraged to apply.*