Faculty Positions in the Mechanics of Solids and Soft Materials

The College of Engineering at the University of Wisconsin-Madison seeks faculty candidates for up to four tenure-track faculty positions in the mechanics of solids and soft materials. Candidates excelling in experiments, theory, computational modeling, or any combination of these approaches are sought. Particular application areas of interest include (but are not limited to) cellular and tissue biomechanics, additive manufacturing, microelectronics, energy production/storage, and response of infrastructure to man-made and natural hazards.

New hires will have a tenure home with an appropriate academic department within the College of Engineering, and will join an integrated group of faculty working on solid mechanics research in mechanical engineering, engineering physics, biomedical engineering, materials science and civil & environmental engineering. They will be expected to maintain a world-class extramurally funded graduate research program on technological problems that are relevant to the needs of the profession and of society. They will also teach courses and contribute to the education and professional development of undergraduate and graduate students, and engage in department, college, university, community and professional service activities as appropriate.

Official Title: PROFESSOR(C20NN) or ASSOCIATE PROFESSOR(C30NN) or ASSISTANT PROFESSOR(C40NN)

Degree and area of specialization: Ph.D. in Engineering or closely related field, and demonstrated potential for excellence in research and teaching.

Principal duties: Teaching and developing undergraduate and graduate courses; supervising graduate student research; developing and directing a strong funded research program; participating in departmental and university faculty governance; and contributing to professional and public service.

Additional Information: Applications beyond the deadline may be processed until the position is filled. The College of Engineering is strongly committed to having a diverse faculty and student body. Under-represented candidates are strongly encouraged to apply. A criminal background check will be conducted prior to hiring.

TO ENSURE CONSIDERATION Application must be received by: DECEMBER 15, 2016

HOW TO APPLY: Applicants are required to apply online at https://www.aims.wisc.edu/jobapply/. Please provide one PDF document containing curriculum vitae (including a complete list of publications), a statement of teaching and research experience /interests, and research plan. All applicants must provide contact information of four references. Do not submit reference letters with initial application. This step will await a more formal process if consideration goes forward at a later date.
Questions about the position can be directed to:
The Mechanics Search Committee
1513 University Ave. Room 3107
Madison, WI 53706-1572
Email: mechanicssearch@engr.wisc.edu

The full Position Vacancy Listing for #87591 is posted at

Multiple departments in the College of Engineering are participating in the mechanics of solids and soft materials faculty search. The Department of Engineering Physics at the University of Wisconsin-Madison has a rich heritage in experimental, numerical and theoretical mechanics. Over the past several decades our faculty have published influential texts on topics such as finite element method, viscoelastic materials, biomechanics and are recognized as global leaders in cutting edge mechanics research. The department has enrollment of over 300 undergraduate students and over 100 MS and PhD graduate students. Degree programs include Engineering Mechanics, Engineering Mechanics & Astronautics, Engineering Physics and Nuclear Engineering. The Department is also ranked nationally for research activity in excess of $18M annually. The Department has 24 faculty, and over 50 scientists and research staff.

See http://www.engr.wisc.edu/department/engineering-physics/ for additional information.