



Cornell University
College of Engineering

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Sibley School of Mechanical and
Aerospace Engineering

Faculty Position in Biosystems, Cornell University

The SIBLEY SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING AT CORNELL UNIVERSITY, Ithaca, New York invites applications for a tenure-track faculty position in Biosystems, as related strongly to the disciplines within Mechanical Engineering. Candidates must hold a doctorate in an appropriate field and are expected to establish an outstanding, funded research program as well as contribute fully to both undergraduate and graduate instruction. Applicants at the level of Assistant Professor are preferred but appointments at the Associate Professor level will be considered. Salary and rank will be commensurate with qualifications and experience.

We seek outstanding individuals engaged in computational, theoretical and/or experimental research in Biosystems. Areas of particular interest include: biofluid mechanics and transport, nanobioengineering, cellular biomechanics, systems biology, synthetic biology, and cardiovascular and musculoskeletal systems. Applicants should have strong depth and ties to one or more of the Sibley School's disciplines, e.g., fluid dynamics, applied mathematics, solid and biomechanics, and dynamics and control; applicant research should build on or complement strengths in the Sibley School, which include but are not limited to complex fluids, bioenergy systems, bioanalytical microdevices, and orthopaedic biomechanics.

Cornell University fosters interdisciplinary research and an atmosphere of cooperation through its Centers and Field system. Faculty hired in this search will have outstanding opportunities to interact with a number of programs across the university, including the Center for Microenvironment and Metastasis, the Atkinson Center for a Sustainable Future, and the Cornell Nanofabrication Facility, which provide infrastructure for cutting-edge research in cancer, energy systems, and micro- and nanotechnology.

The Sibley School and the College of Engineering at Cornell embrace diversity and seek candidates who will foster a climate that attracts students of all races, nationalities and genders. We strongly encourage women and underrepresented minorities to apply. Cornell University seeks to meet the needs of dual-career couples, has a dual-career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual-career searches.

Please submit an application on line, at <https://academicjobsonline.org/ajo/jobs/1131>. Applications should include a cover letter, a complete resume, a statement of research and teaching interests and experiences, and the names of at least three references. All applications received by December 31, 2011 will receive full consideration this academic year. Applications will be evaluated on an ongoing basis until the position is filled.

Cornell University is an equal opportunity, affirmative action
educator and employer.

October 3, 2011