University of Massachusetts Amherst
Two Tenure-Track Assistant Professor Positions in Biophysics:
(1) Biology Department – Cellular Biophysics
(2) Physics Department – Biological Physics

The University of Massachusetts Amherst invites applications for two tenure-track Assistant Professor positions to be hired as a cluster in Biophysics to start as soon as September 1, 2010. One position will be in the Biology Department, in Cellular Biophysics; the other will be in the Physics Department, in Biological Physics. We seek individuals with outstanding research, a strong commitment to teaching, and the potential to develop and maintain an extramurally funded research program. A Ph.D. and postdoctoral experience are required. Evaluation of applications for both positions will begin on February 15, 2010 and continue until the positions are filled. Positions will be filled contingent upon University funding.

(1) Assistant Professor of Biology. The Biology Department (www.bio.umass.edu) seeks a well-trained biologist who employs biophysical techniques to study cellular or tissue function. Research areas might include, but are not limited to, the investigation of biophysical properties of excitable cells, including membrane biophysics. Electrophysiological approaches that are combined with imaging and/or genetic techniques are of particular interest. The successful candidate would have a primary appointment in the Biology Department and would interact with a growing number of biophysics research groups across campus. The UMass Amherst Biology Department provides a broad and interactive research environment, with faculty research spanning all levels of biological organization. Especially strong research clusters focus on Neural Development, Cell Biology, Plant Biology, Functional Morphology, and Evolution. Application materials should include a curriculum vita, research plan, teaching statement and 3 letters of recommendation. Paper applications can be sent to: Biology Biophysics Search # R38398, Biology Department, Attn: Karen Nelson, 611 North Pleasant Street, University of Massachusetts, Amherst, MA 01003. Alternatively, application materials may be sent via email to Bio-BiophysicsSearch@bio.umass.edu

(2) Assistant Professor of Physics. The Physics Department (www.physics.umass.edu) is committed to expanding its Biological Physics group, which currently includes three faculty members and substantial newly renovated laboratory space and facilities. The department also has a strong condensed matter group, with emphasis on both hard and soft matter. We seek a physicist who will employ the methods and ideas of physics to investigate biological systems and processes. The research area should complement ongoing work in the department and have synergy with biophysics research groups in the Biology, Biochemistry and Molecular Biology, and/or Chemistry Departments. The Physics Department currently has programs in single molecule imaging and manipulation, the dynamics of molecular motors and the cytoskeleton, membrane biophysics, and investigation of forces between biomolecules. Applicants should submit a letter of application, a CV, and a statement of research and teaching, as well as arranging to have three letters of reference sent to: Biological Physics Search, #R36982, Physics Department, 710 N. Pleasant St., University of Massachusetts, Amherst, MA 01003. Alternatively, application materials may be sent to search@physics.umass.edu

The University is part of the Five-College Consortium (www.fivecolleges.edu) in the Pioneer Valley in Western Massachusetts, two hours from Boston and three hours from New York City. The University provides an intellectual environment committed to providing academic excellence and diversity including mentoring programs for faculty. The College of Natural Sciences and the Physics and Biology Departments are committed to increasing the diversity of the faculty, student body and the curriculum. We strongly encourage women and members of minority groups to apply. The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer.