The Department of Electrical and Computer Engineering at the University of Massachusetts Amherst invites applications from candidates for a tenure-track position in the field of NanoEnergy at the Assistant Professor level starting September 2013.

Candidates must have an earned doctorate in ECE or related field at the time of appointment. He/She would either be a theorist, an experimentalist or both, working at the intersection of nanotechnology and energy systems. The candidate is expected to complement the nanoelectronics research activities in the department by combining fundamental research in nanoscale materials and devices with contemporary energy-related technical applications. Examples of expertise include but are not limited to: (i) interaction of nanostructures with electromagnetic radiation with applications in photovoltaics; (ii) charge and heat transport in nanoenergy materials and devices; (iii) nanostructured thermoelectrics with applications in energy conversion; (iv) nanostructured materials for energy harvesting and storage.

The candidate will be expected to develop a strong externally-funded research program, must be committed to teaching undergraduate and graduate courses in electronic and nanoelectronic device physics, and should have an understanding of diversity issues and their educational importance.

The search committee will begin reviewing applications on December 17, 2012. The search will continue until the position is filled (contingent on approval and funding). Application materials may be submitted either online or via hard copy but not both, and applicants are strongly encouraged to apply online at http://academicjobsonline.org/ajo or in print to NanoEnergy Search, ECE Department, University of Massachusetts, 100 Natural Resources Road, Amherst, MA 01003. The application should include a cover letter, CV with a list of publications, a research statement, a teaching statement and a list of at least four referees with complete contact information.

The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer committed to cultural diversity. Women and members of minority groups are encouraged to apply.