

University of California, Berkeley
Berkeley Nanosciences and Nanoengineering Institute (BNNI)
Assistant Professor Position in Nanoscale Science and Engineering and Energy

The University of California, Berkeley solicits applications for a tenure track position of Assistant Professor beginning in the Fall of 2008. Candidates are sought in the fields at the intersection of nanoscale science and engineering with implications for energy technology. Many of the fundamental length scales involved in energy conversion, transmission, and storage occur at the nanoscales. Therefore, nanoscale science and engineering provide the opportunity to discover and develop new processes and systems to cost-effectively convert, store, and transmit energy that significantly reduces the atmospheric burden of greenhouse gases. Topics of interest include but are not limited to catalysis, surface adsorption, fuel synthesis and processing including biofuels, bioprocessing, thermoelectrics, fuel cells, batteries, photovoltaic cells, superconducting power transmission, clean coal conversion, nuclear power, etc.

This faculty search will be conducted under the auspices of the Berkeley Nanosciences and Nanoengineering Institute (BNNI), with participation from the Departments of Physics, Chemical Engineering, Chemistry, Electrical Engineering and Computer Sciences, Materials Science and Engineering, and Mechanical Engineering. The successful candidate will have the potential to interact with scientists and engineers across a wide spectrum of disciplines, and to help develop the new interdisciplinary initiative in nanoscale science and engineering.

Instructions to applicants: Please submit your application electronically at:

<http://bnni-intranet.berkeley.edu:80/sReg.php?i=5>

Please provide the following as PDFs: a complete curriculum vitae, a selection of publication reprints (five or less), and a brief statement of future research plans and teaching interests. You should also contact at least three references and provide them with the unique URL created specifically for those submitting letters on your behalf. This will be displayed near the top of your page once you have uploaded your files. UC Berkeley's Statement of Confidentiality can be found at <http://apo.chance.berkeley.edu/evalltr.html>. You may also submit application materials by sending them to: Chair, NSE-Energy Search, Berkeley Nanosciences and Nanoengineering Institute, University of California, Berkeley, 210 McLaughlin Hall #1726, Berkeley, CA 94720-1726. Our e-mail address is bnni-searches@lists.berkeley.edu.

The deadline for receipt of applications, including references, is December 15, 2007. *The University of California is an Equal Opportunity/Affirmative Action Employer.*