Faculty Positions in Advanced Materials and Nanotechnology

The Department of Materials Science and Engineering seeks to fill a faculty position allied with a new interdisciplinary research effort at Rutgers, the Institute for Advanced Materials, Devices and Nanotechnology (IAMDN, see http://iamd.rutgers.edu/). Existing research strengths within IAMDN include energy conversion and storage, photovoltaics, organic electronics, biomimetics and nanomedicine, and applied superconductivity. Candidates are sought who compliment these strengths and bring new expertise in one or more of the following areas:

- Nanomaterials synthesis, fabrication and processing.
- Organic-inorganic interfaces.
- Nanocharacterization using electron microscopy or scanning probe microscopy.
- Photonics or optical spectroscopy.
- Materials modeling (continuum, atomistic, first principles or multi-scale).

Review of applications will begin November 1, 2008 and continue until the position is filled. A tenure track appointment at the Assistant Professor level is favored, though a higher rank may be possible. Applicant submissions to the address below must include the following five items: (1) CV, (2) a detailed research vision and goals statement, (3) a one page teaching philosophy statement, (4) three references with contact information, and (5) a cover letter explaining their interdisciplinary ambitions (including preferred/sensible departmental affiliations and rank).

We seek an intellectually diverse faculty, consequently we welcome applications from all individuals. We encourage women, transgendered persons and persons in traditionally underrepresented minorities to apply in accord with the Rutgers policy of equal opportunity/affirmative action.

Search Committee Chair
Dept. of Materials Science and Engineering
Rutgers, The State University of New Jersey
607 Taylor Rd.
Piscataway, NJ 08854