



Faculty Positions in Advanced Materials and Nanotechnology

The Department of **Materials Science and Engineering** seeks to fill one or more positions allied with a new interdisciplinary research effort at Rutgers, the **Institute for Advanced Materials, Devices and Nanotechnology (IAMDN)**. We are seeking highly motivated and dynamic candidates with expertise principally in the following five areas:

- **Materials Synthesis** – Novel synthesis materials chemistry techniques for fabricating nano-materials, polymers, and other advanced materials.
- **Electronics, Photonics and Sensors** – Organic-, nano-, and micro-electronics and photonics, multifunctional sensors.
- **Energy and the Environment** – solid state lighting, fuel cells, batteries, solar, hydrogen, catalysis, and green chemistry.
- **BioNano** –biomaterials, nanomaterials and devices for pharmaceuticals and medicine.
- **Atomic Level Imaging and Characterization** – Electron imaging and analysis such as SEM, TEM, STEM, FIB, AFM.

Women and minority candidates are encouraged to apply. Further information about IAMDN, including searches ongoing in other departments can be found here: <http://iamd.rutgers.edu/>.

Review of applications will begin **November 15, 2007** and continue until all positions are filled. Tenure track appointments at the Assistant Professor level are favored, though higher rank may be possible. Applicant submissions 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) to:

Prof. Richard Lehman, Search Committee Chair
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Rutgers, The State University of New Jersey
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