

Positions Available



Virginia Microelectronics Consortium (VMEC) Chair

The Bradley Department of Electrical and Computer Engineering at Virginia Tech seeks an exceptional candidate in the emerging fields of microelectronics, optoelectronics, micro-electro-mechanical-systems (MEME) and nanotechnology to fill the Virginia Microelectronics Consortium (VMEC) Chair position.

Please visit <https://www.jobs.vt.edu> for a complete description of the position and the application process. Search on posting #060921.

Applications from women and other underrepresented populations in engineering are especially encouraged.

Virginia Tech has a program designed to support the retention and advancement of female faculty; see

<http://www.advance.vt.edu/>.

Individuals with disabilities desiring accommodation in the application process should notify K. Atkins, ECE Dept, (540) 231-4136 or TDD/PC-1-800-828-1120 or Voice-1-800-828-1140.

An Affirmative Action/Equal Opportunity Employer.



Materials Scientist – Argonne National Laboratory

The Materials Science Division invites applications for a Materials Scientist position in the Interfacial Materials Group, with emphasis on the electrical and transport properties of ferroic thin films and interfaces. This group combines experimental and theoretical approaches to elucidate how microstructure and the underlying interfacial structure and composition control the physical properties of nanoscale oxide thin film heterostructures.

Candidates should have a PhD in materials science or equivalent, and a minimum of two years prior post-doctoral experience. It is anticipated that the appointment will be made at the assistant scientist level but appointment at a higher level will be considered for candidates with appropriate expertise and experience.

A strong experimental background in one or more of the following topics is required: fundamental science of ferroelectric and/or magnetic oxides; ionic and/or electronic transport behavior of thin film and nanostructured ferroic oxides; domain dynamics; multiferroic materials; point defects and defect complexes in ferroic materials. Prior experience in building a research program through interactions with other scientists, and in generating funding via DOE and other agencies will be an advantage. Numerous opportunities exist for interaction with researchers both within Argonne and at nearby Universities (for example, Northwestern University, University of Illinois-Chicago), including co-direction of graduate students and/or postdocs.

Interested candidates should send a curriculum vitae, a brief statement of research goals and interests, and contact information for three references via the Argonne web site at <http://www.anl.gov/jobs> under job openings for requisition 310991 MSD. For technical inquiries, please contact: Dr. Amanda K. Petford-Long (petford.long@anl.gov)

Screening of applications will begin immediately. To ensure full consideration, applications must be received by December 10th 2006.

In addition to providing a stimulating intellectual environment, Argonne's suburban location provides easy access to the city's cultural and educational benefits. Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC.

Argonne is an equal opportunity employer, and we value diversity in our workforce.



**TENURE-TRACK AND TENURED POSITIONS
Department of Mechanical Engineering and Materials Science
University of Pittsburgh**

The Department of Mechanical Engineering and Materials Science at the University of Pittsburgh invites applications for six tenure-track and tenured positions. Successful applicants should have the ability to build an externally funded research program that contributes to the existing strengths of our program while enhancing areas targeted for future growth. We are seeking applicants from all areas of mechanical engineering and materials science; candidates with research interests in nanomanufacturing, energy systems, soft materials, sustainability, or active nanomaterials are particularly encouraged to apply. Applicants should have a PhD degree in Materials Science, Mechanical Engineering, or a related field, and a demonstrated record of excellence in teaching and research.

The Department of Mechanical Engineering and Materials Science, recently formed by a merger of the departments of Materials Science and Engineering and Mechanical Engineering at the University of Pittsburgh, has 25 tenured or tenure-track faculty members who generate nearly \$6 million in annual research expenditures. The School of Engineering is planning substantial investments in this new department in the coming years for faculty and infrastructure to support a dynamic and interdisciplinary center of excellence in teaching and research. Current research thrusts include high temperature materials, computational mechanics and fluid dynamics, material characterization at multiple length scales, energy technologies, functional nano, micro/biofluidics, advanced ceramics, smart structures, and biomechanics.

The Department of Mechanical Engineering and Materials Science has excellent facilities in the areas of structural and analytical characterization, thermofluid imaging, microsensors and actuators, property

measurement, computational transport phenomena, processing of materials, and the mechanics of active materials, among others. The Department also has multiple laboratories that are part of the collaborative Swanson Center for Micro and Nano Systems, and numerous Mechanical Engineering and Materials Science faculty are contributing members of the Petersen Institute of NanoScience and Engineering (<http://www.nano.pitt.edu>), which recently opened the Nanoscale Fabrication and Characterization Facility that houses state-of-the-art Transmission Electron Microscopy, Dual Beam FIB, and dedicated E-beam Lithography and clean-room facilities. The University of Pittsburgh is ranked second in the nation for microscale and nanoscale research (*Small Times* 6(3), 2006) and 37th in the world's top 100 global universities by *Newsweek International*. The city of Pittsburgh has also evolved into a hub for innovative high-tech development and research, with thousands of technology companies now contributing to the region.

Qualified applicants should send their curriculum vitae, a statement of their research interests and teaching philosophy, and the names and addresses of at least three references to:

Chair, Faculty Search Committee
Department of Mechanical Engineering and Materials Science
648 Benedum Hall, School of Engineering
University of Pittsburgh, Pittsburgh, PA 15261

Review of applications will begin on **November 15, 2006**, and will continue until the positions are filled. Women and minorities are strongly encouraged to apply.

The University of Pittsburgh is an equal opportunity/affirmative action employer.

Positions Available

MULTIPLE FACULTY POSITIONS

Department of Materials Science and Engineering North Carolina State University

The NCSU Department of Materials Science and Engineering is seeking highly qualified candidates for three tenure-track faculty positions. Appointments at all levels from assistant to full professor will be considered depending on the candidates' qualifications. Applications from women and under-represented minorities are strongly encouraged. Broad areas of research in the department include:

- Electronic materials
- Computational materials science
- Opto-electronic materials
- Materials processing and synthesis
- Functional and structural nanomaterials
- Materials characterization
- Soft materials

Qualified candidates must hold a PhD degree in materials science and engineering, or in a related science/engineering discipline. Senior level candidates must possess a distinguished record of research accomplishments and publications, and a demonstrated ability to mentor graduate students and develop an innovative research and educational program. A commitment to teaching at the undergraduate and graduate levels is required.

The department has 18 faculty and approximately 100 undergraduates and 90 graduate students and has annual research expenditures of about \$7 million. The department is located in Engineering Building I, newly constructed on the rapidly expanding NCSU Centennial Campus. Raleigh and the surrounding research triangle consistently rank as one of the nation's most desirable places to live.

Applications will be reviewed starting on **October 16, 2006** and will continue until the positions are filled. The proposed starting date for these positions is August 1, 2007.

NCSU requires that applications be submitted electronically through NCSU Human Resources at jobs.ncsu.edu and search for position number 04-34-0605. Applications should include a one page summary of your research field and achievements, a resume, a research plan synopsis, a statement of teaching philosophy, and contact information for at least three references.

AA/EEO NC State welcomes all persons without regard to sexual orientation.



FACULTY POSITIONS School of Materials Science and Engineering Georgia Institute of Technology

The School of Materials Science and Engineering at the Georgia Institute of Technology is seeking to add several outstanding faculty at all levels in strategic areas of Biomaterials (including biomaterials, biomimetic, biosensing, and biomodeling); Computational Materials Science (including advanced simulation techniques for fundamental understanding of materials phenomena, design of materials, predictions of properties, and performance across various length scales); and Nanomaterials (including synthesis, advanced characterization, fabrication of nano devices and systems, and modeling and measurements of properties).

Qualified candidates must hold a PhD degree or equivalent in materials science and engineering, or related science/engineering discipline. The candidates must possess a distinguished record of research accomplishments and publications, and a demonstrated ability to mentor graduate students and develop an innovative research and educational program. Successful candidates will be expected to attract external funding and build a strong sponsored-research program, lead independent research at the cutting edge of their field, and teach undergraduate and graduate courses.

The School of Materials Science and Engineering (www.mse.gatech.edu) boasts diverse expertise of faculty with almost equal shares of expertise in structural, electrical, nano-, and bio-materials. It is the hub of materials related research and education activities at the Georgia Institute of Technology. A number of faculty hold joint appointments in various schools and colleges on campus. Its internationally-recognized faculty led more than a dozen interdisciplinary research centers and programs. The School of Materials Science and Engineering, and the College of Engineering at Georgia Institute of Technology, are amongst the top-ranked programs in the U.S.

Qualified candidates should send a letter of application (via email) including statement of research interest, teaching philosophy, curriculum vitae, copies of three publications, and names and addresses/email/phone numbers of at least three references to:

Chair, Faculty Search Committee; School of Materials Science & Engineering
Georgia Institute of Technology; 771 Ferst Drive, Atlanta, GA 30332-0245
Email for enquiries/application submission:
faculty.candidates@mse.gatech.edu

Applications will be considered until the positions are filled.

*Georgia Tech is an Affirmative Action/Equal Opportunity Employer.
Applications from women and under-represented minorities are strongly encouraged.*



PROFESSOR, ELECTRON MICROSCOPY Metallurgical and Materials Engineering Colorado School of Mines

The Colorado School of Mines invites applications for an anticipated Professor position in the Metallurgical and Materials Engineering Department in the area of materials characterization. The successful candidate will serve as the Director of the Electron Microscopy Laboratory. A PhD degree in materials science, metallurgy, ceramics, or a closely related field is required. Appointment at the Associate Professor level may be considered. For a complete job announcement, more information about the position and the university, and instructions on how to apply, please visit our web site at http://csmis15.is.mines.edu/hr/Faculty_Jobs.shtm.

CSM is an EEO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

TENURE-TRACK FACULTY POSITION Department of Physics and Astronomy and Center for Photochemical Sciences Bowling Green State University

We are currently seeking applicants for a tenure-track faculty position at the Assistant Professor level in the area of experimental electro-optical solid-state research. Experience is preferred, for example, in the fields of thin-film devices, spintronics, or photonic crystals. The position will be available in Fall, 2007. The successful candidate will be expected to inaugurate an experimental research program in one of the above areas and will be eligible for an appointment as an Associate Principal in the Center for Photochemical Sciences (<http://www.bgsu.edu/departments/chem/photochem/>), an interdisciplinary research center offering the only PhD degree in the field in the US.

Candidates should submit a CV, a brief statement (three to five pages) of research plans, a statement of teaching philosophy, and arrange for at least three letters of recommendation to be sent to: Search: Solid State Photocientist, D. Tussing (dtussin@bgsu.edu), Department of Physics and Astronomy, Bowling Green State University, Bowling Green, Ohio 43403. Screening will begin on **December 15, 2006**.

BGSU is an Affirmative Action/Equal Opportunity Employment employer and encourages applications from women, minorities, veterans, and individuals with disabilities.

Positions Available



**FACULTY POSITIONS
Nanotechnology Engineering
University of Waterloo**

The Departments of Chemistry, Chemical Engineering, and Electrical & Computer Engineering at the University of Waterloo invite applications for several positions at the Assistant, Associate, and Full Professor levels. The positions are part of the University's expansion in Nanotechnology Engineering (NE), which includes a new undergraduate degree program in NE (<http://www.nanotech.uwaterloo.ca>). The initiative is a cross-disciplinary partnership between the three departments which are home to more than 140 faculty members and 600 graduate students.

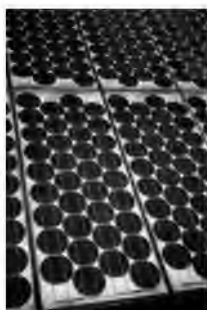
Applications are invited from excellent candidates in the fields of nanoscience and nanotechnology with emphasis in the areas of nano-electronics (e.g., quantum structures, molecular electronics), micro/nano instruments (e.g., nanoscale spectrometry, fluidics), nanobiosystems (e.g., nanomedicine, biomaterials), and nanomaterials (e.g., nanocrystals, nano-engineered membranes). The successful candidates are expected to establish world-class, independent, externally-funded research programs in a research-intensive cross-disciplinary environment. The departments involved in the creation of the NE program are already home to state-of-the-art characterization, analysis, and synthesis research facilities including cleanroom laboratories for nanoscale structures and devices. Excellent research and teaching lab facilities are being established across the university, including a new building complex with lab clusters for nanotech research.

The candidates are also expected to develop and teach a broad range of innovative undergraduate and graduate courses in nanoscience and nanotechnology. Interested candidates should

forward their curriculum vitae, the names of four referees, a short description of research accomplishments, a teaching statement, and a research statement. They may also indicate the department they wish to be affiliated with. The positions will remain open until they are filled. Applications should be sent to:

Faculty Hiring Coordinating Officer
Nanotechnology Engineering Program
University of Waterloo
200 University Avenue West
Waterloo, Ontario N2L 3G1, Canada
E-mail: nefacultyhiring@nanotech.uwaterloo.ca
(Electronic submissions welcomed)

With a student population of 22,000 and six faculties, the University of Waterloo has been rated as the most innovative university in Canada for the 13th year in a row. Located about 100 km from metropolitan Toronto, the University of Waterloo is in the Region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and enjoys one of the fastest growths in Canada. All qualified applicants are encouraged to apply; however, Canadian Citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. Candidates are expected to become eligible for Professional Engineering registration in Ontario.



**COLLEGE OF NANOSCALE
SCIENCE & ENGINEERING**
UNIVERSITY AT ALBANY State University of New York

Post Doctoral Positions Available Immediately
to work on photovoltaic technology

Energy and Environmental Technology Applications Center (E2TAC)
at the College of Nanoscale Science and Engineering's
Albany NanoTech complex



Areas of current activity include crystalline silicon, thin film and polymer based photovoltaics. We are seeking candidates with extensive experience in device design, fabrication and testing along with materials synthesis and characterization, particularly including work on nanostructures technology in solar cell. Knowledge of electronic testing is valuable.

The successful candidate will have the opportunity to participate in multiple programs together with graduate students, other postdocs, research scientists and professors at the College of Nanoscale Science and Engineering, as well as with researchers from industrial partner firms. Projects will make use of the world-class process, fabrication and characterization facilities at CNSE's Albany NanoTech complex.

A Ph.D. in electrical engineering, solid state physics or other relevant field is required.

Please send resumes to:

Randy W. Simon, Project Manager
Energy and Environmental Technology Applications
Center (E2TAC)
College of Nanoscale Science and Engineering
NanoFab 300 South
255 Fuller Rd
Albany, NY 12203
rsimon@uamail.albany.edu



Positions Available

TENURE-TRACK FACULTY POSITION

**Department of Materials Science and Engineering
Pohang University of Science and Technology (POSTECH)
South Korea**

The Department of Materials Science and Engineering (www.postech.ac.kr/mse) at POSTECH (www.postech.ac.kr) invites applications for a tenure-track position at the assistant or associate professor level in the area of materials for energy technology.

Applicants must have a doctoral degree in materials science and engineering or a related discipline with at least two years of work experience and an outstanding research record. The successful candidate must be able to teach undergraduate level courses in the areas of materials science and engineering, and should have a strong interest in developing new and innovative graduate courses in related areas. It is important for the applicant to demonstrate motivation and an ability to develop research programs in collaboration with other faculty members and serve the academic/research community.

Interested persons should apply by **November 30, 2006** with a curriculum vitae with a recent photograph, the names/addresses of three references, and a statement of research plans, teaching goals, and other supporting materials. Submission materials should be sent to:

Mr. Doo Han Moon, Administrative Assistant
Department of Materials Science and Engineering
Pohang University of Science and Technology (POSTECH)
San 31, Hyoja-Dong, Pohang, 790-784, Korea

Electronic submissions are preferred; E-mail to mse-postech@postech.ac.kr.

FACULTY POSITION IN BIOMATERIALS

**Department of Materials Science & Engineering
Lehigh University**

Lehigh University seeks to fill a tenure-track position at the level of Assistant Professor in Materials Science and Engineering. The department is searching for an outstanding individual who works at the interface between Materials Science & Engineering and the disciplines of BioEngineering or Biology. An earned doctorate is required, as well as demonstrated ability in teaching and research. The successful candidate will be responsible for teaching undergraduate and graduate courses in the Materials curriculum, contributing to the Bioengineering Program, and establishing a vibrant, high-quality research program. This will include participation in multidisciplinary activities such as those coordinated by the International Materials Institute for New Functionality in Glasses, the Center for Polymer Science and Engineering, and the Center for Advanced Materials and Nanotechnology.

The Materials Science Department has excellent resources, including world-class facilities for electron microscopy, glass synthesis, and small-scale mechanical testing. Existing biomaterials activities emphasize biocompatible inorganic materials including bioglass, metallic nanoparticles, and biomedical implants. Outside the department, strong research programs exist for biochemical engineering, biophotonic imaging, and for biomolecular, cellular, and tissue engineering. Further details can be found at www.lehigh.edu/~inmatsci.

Please submit a CV by **January 30, 2007**, along with a Teaching Proposal describing instructional philosophy and interests at the core and elective levels, and a three to six page sample Research Proposal describing an externally fundable research effort, to Sharon Coe, Lehigh University, 5 E. Packer Avenue, Bethlehem, PA 18015-3195.

Lehigh is committed to recruiting, retaining, and tenuring women and members of minority groups.



**JOINT POSITION IN
NANOSCALE CHARACTERIZATION**
**Department of Materials
Science & Engineering at
University of California, Berkeley and
National Center for Electron
Microscopy at Lawrence Berkeley
National Laboratory**

The University of California at Berkeley and the Lawrence Berkeley National Laboratory invite applications for a joint position in nanoscale characterization. The successful candidate will be offered a tenured faculty position within the Department of Materials Science & Engineering and a staff position at the National Center for Electron Microscopy. Applicants must have a strong commitment to teaching and working with a diverse population of students and Center users, and must show potential for high quality research in advanced characterization methods of materials and their reactions at the nanoscale. A doctoral degree in an appropriate field is required. The position is available July 1, 2007.

All qualified candidates are invited to apply, and applications from minority and women candidates are especially encouraged. Please send a curriculum vitae, bibliography, statement of research interests, and a list of references, as a hard copy, post-marked by **December 31, 2006**, to:

Professor Robert O. Ritchie, Chair
Department of Materials Science & Engineering
210 Hearst Memorial Mining Building, MC 1760
Berkeley, California 94720-1760, USA

No e-mail applications will be considered; neither will applications submitted after the deadline.

The University of California is an Equal Opportunity, Affirmative Action Employer.

NATIONAL RESEARCH COUNCIL

OF THE NATIONAL ACADEMIES

Research Associateship Program

**Postdoctoral Research Awards
Senior Research Awards
Summer Faculty Fellowships
Davies Teaching Fellowships**

offered for research at

**US government laboratories
and affiliated centers**

**Opportunities for postdoctoral and senior research
in all areas of science and engineering**

- Awards for independent research at over 120 participating laboratory locations
- 12-month awards renewable for up to 3 years
- Annual stipend \$38,000 to \$65,000 - higher for senior researchers
- Relocation, professional travel, health insurance
- Annual application deadlines Feb. 1, May 1, Aug. 1, Nov. 1

Detailed program information, including instructions on how to apply, is available on the NRC Web site at:

www.national-academies.org/rap

Questions should be directed to the:

National Research Council

TEL: (202) 334-2760

E-MAIL: rap@nas.edu

Qualified applicants will be reviewed without regard to race, religion, color, age, sex or national origin.

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Positions Available


TENURE-TRACK FACULTY
The Pratt School of Engineering
Duke University

The Pratt School of Engineering at Duke University seeks outstanding tenure-track faculty at all levels in bioinspired materials, biomanufacturing, bio-interface science, Bio-MEMS, biosensing, and drug and gene delivery.

Qualified candidates must have a PhD degree or equivalent in Engineering or related discipline. Candidates for appointment at the associate and full professor level must possess a distinguished record of research, a demonstrated ability to mentor graduate students, and a commitment to undergraduate education. Candidates at the assistant professor level must demonstrate the potential to become leaders in their discipline. Successful candidates will be expected to attract significant external funding, perform research at the cutting edge of their field, and teach undergraduate and graduate courses in materials science and engineering. Appointments will be considered in one or more departments within the Pratt School of Engineering, consistent with the research and teaching interests of the candidate.

Qualified candidates should send (1) a cover letter with names and contact information of at least three references, (2) statement of research interest, (3) teaching philosophy, and (4) curriculum vitae to: **Chair, Biomaterials Faculty Search, c/o Glenda Hester, Pratt School of Engineering, Box 90271, Durham, NC 27708.** Applications must be received by **January 15, 2007** to receive full consideration.

Duke University is an Affirmative Action/Equal Opportunity Employer.

TENURE TRACK POSITION
Department of Chemical Engineering
and Materials Science
University of California-Davis

The Department of Chemical Engineering and Materials Science invites applications for a tenure-track position at the Assistant Professor level in the area of advanced (scanning) transmission electron microscopy ((S)TEM). In the last two years, UC-Davis has made a significant investment in electron microscopy facilities for both the engineering and biological sciences (including three new field-emission (S)TEMs). The current position seeks a candidate to work within this environment who has expertise in the development and application of advanced methods of imaging and analysis in (S)TEM for the engineering sciences, and who has a strong commitment to applying these methods to soft/biological materials.

The successful applicant will be expected to develop an externally funded research program, assist in the routine operation and management of the microscopy facilities, and have a commitment to cross-disciplinary education at both the undergraduate and graduate level. Candidates are expected to have a PhD degree in materials science, physics, chemistry, or related engineering discipline. Applicants should submit a letter of application, curriculum vitae (including list of publications), description of research and teaching plans, and names and contact information of at least three references at <http://www.chms.ucdavis.edu/employment/>. The position is open until filled but to assure full consideration, online applications should be submitted no later than **November 30, 2006**, for a targeted start date of July 1, 2007.

The University of California is an affirmative action/equal opportunity employer.


FACULTY POSITION
Experimental Nanoscience
Rutgers University

To expand research in nanoscience and technology at Rutgers University, New Brunswick, applications are invited for a tenure-track Assistant Professor position, which may start as early as September 1, 2007. For an outstanding candidate, appointment at a more senior level may be considered. The candidate is expected to be a member of the Rutgers Center for Emergent Materials, and to actively participate in the forthcoming Institute for Advanced Materials, Devices and Nanotechnology. The home department for this cross-disciplinary activity is flexible and may be divided, for example, between physics and chemistry.

Applicants must have a PhD degree with an outstanding record of research and publication; experts in novel science on films, spectroscopic techniques, and spintronics are particularly encouraged to apply. The successful candidate will be expected to establish an independent research program that will attract external funding and to foster collaborations with existing nanoscience/technology research efforts at Rutgers, which currently has strong experimental programs in materials physics/chemistry, nanoscale electronic science, and surface physics/chemistry; theoretical support is outstanding. Candidates should be strongly committed to teaching.

Applicants should submit a curriculum vitae, the names of three references, and a summary of a proposed research plan to: Experimental Nanoscience Search Committee, Department of Physics & Astronomy, Rutgers University, 136 Frelinghuysen Road, Piscataway, NJ 08854-8019 (Attention: Frances DeLucia). Email: fran@physics.rutgers.edu. We especially invite applications from women and minority group members.

Rutgers University is an EO/AA employer.


A. JAMES CLARK
SCHOOL OF ENGINEERING
FACULTY POSITION
Materials Science and Engineering
University of Maryland

The Materials Science and Engineering Department at the University of Maryland seeks exceptionally qualified candidates for a tenure-track faculty position with research interests related to nano- and/or energy technology. The candidate's activities should take advantage of existing well-recognized expertise in scanned probe characterization, functional materials, nanoscale materials science, and technology. The successful candidate will benefit from dramatic enhancements available on campus in the form of new experimental capabilities and coordinated programs, including high-resolution transmission electron microscopy, a class 100 nanofabrication clean room facility, a cross-campus partnership—Maryland NanoCenter, and the 140,000 square foot Jeong H. Kim Engineering Building. The successful candidate must show superior potential as an educator and researcher in their chosen area of expertise. For best consideration, applications should be received by **December 15, 2006**, though applications will be accepted and considered until the position is filled.

A resume, a statement of research and teaching goals, and the names of four references can be submitted on-line at: <https://apra.umd.edu/search.jsp?ID=ENMA000004>. On-line submission of application materials is required.

Questions about the position can be directed to the Chair of the Search Committee:

Prof. Manfred Wuttig
 Materials Science and Engineering Department
 Building 90, Stadium Drive, Rm. 2135
 University of Maryland; College Park, MD 20742-2115
 Tel: 301-405- 5212; Fax: 301-314-2029
wuttig@umd.edu; <http://www.mse.umd.edu>

The University of Maryland is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

Positions Available



FACULTY POSITION
Department of Mechanical Engineering
University of Texas at Austin

Job Rank: Tenure-track

Field of Specialization: Advanced Manufacturing Processes and Systems

Job Description:

The Department of Mechanical Engineering (www.me.utexas.edu) at The University of Texas at Austin (www.utexas.edu) is ranked in the top 10 in the US News rankings in 2007, and is located in the rapidly growing Austin area. The Department is seeking applicants for a tenure-track faculty position with background and interests in advanced manufacturing processes and systems. Particular expertise in modern manufacturing systems, sustainable and green manufacturing, micro- and nano-scale manufacturing processes, manufacturing system optimization and robustness, or change management of manufacturing systems is desired. Applicants must have a strong desire to teach and have the potential to contribute to the development of the academic and research programs of the department. The applicant must also have an outstanding academic record, significant achievement in original research, a commitment to quality teaching, and a doctoral degree or satisfactory progress toward completion of requirements for a doctoral degree or equivalent in engineering. A successful candidate is expected to teach undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. The opening is at the Assistant Professor level.

Applicant Instructions:

Interested applicants are invited to submit, in electronic format, resumes which detail their past professional accomplishments, their teaching philosophy and experience, and their research interests, and include the names and addresses of three references, to jbeaman@mail.utexas.edu.

Electronic applications are preferred, but will also be accepted if mailed to:

Chair, Department of
 Mechanical Engineering
 The University of Texas at Austin
 1 University Station C2200
 Austin, TX 78712-1080

Applications will be accepted until **January 31, 2007**, or until the position is filled.

The University of Texas at Austin is an Equal Opportunity Employer, and women and minority applicants are encouraged to respond.



One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land-Grant, Sea-Grant, Urban-Grant and Space-Grant institution with its main campus in Newark, DE, located halfway between Washington, DC and New York City. Please visit our website at www.udel.edu.

Assistant or Associate Professor(s)
Clean Energy, Nanotechnology, Bioengineering and MicroRobotic Networks

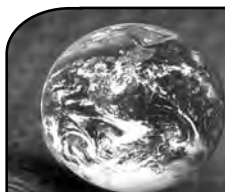
The Departments of Electrical and Computer Engineering and Mechanical Engineering invite nominations and applications for two tenure-track faculty positions in the general areas of (1) Clean Energy and Energy Storage, (2) Nanotechnology, (3) Bioengineering, and (4) Micro-robotic networks.

Each faculty position will hold joint appointments in the Department of Mechanical Engineering (ME) and the Department of Electrical and Computer Engineering (ECE) and will become part of a broad interdisciplinary research program within the College of Engineering. Nanotechnology initiatives are supported by a fully equipped new state-of-the art 7,000 sq ft clean room for nano-fabrication with over \$10M/year in research expenditures. Some nanotechnology work is done in our Center for Composite Materials, which boasts \$8 million of research funding per year and 240 affiliated faculty, staff, post-docs, graduate and undergraduate students and interns. Bioengineering activities are closely coupled to the inter-disciplinary effort at the Delaware Biotechnology Institute that encompasses research, education, and economic development in the life sciences with emphasis on human health, complex environmental systems and biomaterials. This \$120M initiative involves a 72,000 sq ft state-of-the-art biotechnology facility. In addition, the new faculty can be a part of our Center for Biomedical Engineering Research, which has 33 associated faculty members and many NIH grants, including an NIH Center for Biomedical Research Excellence (COBRE) award. The solar, fuel cell and other clean energy research at UD is world renowned, having over \$9M/year in research expenditures, and supported by state-of-the-art fabrication facilities.

Applicants should hold a Ph.D. in mechanical, electrical, or computer engineering, or closely related physical sciences. Successful candidates are expected to have demonstrated excellence in innovative research and show the potential for high quality teaching and mentoring. The appointment is anticipated to be at the tenure-track assistant or associate professor level, however, qualified candidates at all levels will be considered.

Applicants should email a curriculum vitae, a statement of research and teaching interests and achievements, and a list of at least four references to f-search@udel.edu; or mail to ECE/ME Faculty Search Committee, 140 Evans Hall, University of Delaware, Newark, DE 19716. Review of applications will begin on November 15, 2006 and will continue until the position is filled. The curriculum vitae and all application materials shall be shared with departmental faculty.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.



**Why not
 change the world?**

PROFESSOR AND HEAD

Department of Materials Science and Engineering

The School of Engineering at Rensselaer Polytechnic Institute invites applications or nominations for the position of Professor and Head, Department of Materials Science and Engineering (MSE). An individual is sought who can provide strong, dynamic and innovative leadership for sustaining excellence in teaching, research and activities in the materials science and engineering community. The successful candidate should have an earned doctorate in materials science and engineering, or in a closely related discipline, an established national and international reputation in research, a distinguished record of academic and professional leadership, and should be eligible for appointment to Full Professor with tenure. The MSE department has programs leading to bachelor's, master's, and doctoral degrees in all of its programs. The Department has built a strong national and international reputation with well-known faculty members in various disciplines of materials engineering. In addition to traditional strengths in metallurgy and ceramics, the department has grown rapidly by expansion of its faculty in such diverse areas as nanotechnology and micro-fabrication, thin film technologies, composites and computation (detailed information is available at <http://www.eng.rpi.edu/mse/>). Rensselaer is currently undergoing an unprecedented growth in both its faculty and research facilities in these areas, through a newly announced large capital campaign and through its commitment to excellence.

The position is available beginning Spring 2007, with competitive salary and benefits. Review of applications will begin November 1, 2006. The committee will review applications until the position is filled. Applications or nominations, including a cover letter, curriculum vitae, and contact information for at least three references, should be sent to: **Department Head Search Committee, c/o Pat Connell, Department of Materials Science and Engineering, Rensselaer Polytechnic Institute, Troy, NY 12180-3590, Email: connep@rpi.edu**



Rensselaer

We welcome candidates who will bring diverse intellectual, geographical, gender and ethnic perspectives to Rensselaer's work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity Employer.

Positions Available

ASSISTANT PROFESSOR
Department of Metallurgical
and Materials Engineering
Middle East
Technical University
Turkey

The Department of Metallurgical and Materials Engineering of the Middle East Technical University invites applications for tenure-track positions at the Assistant Professor level, however, exceptional candidates at higher levels may also apply. Candidates at the Assistant Professor level would normally have a PhD degree in related discipline and preferably postdoctoral experience.

The Department and the University provide strong research support with access to some of the most extensive and modern facilities. The research areas of the Department are centered on three broad platforms of materials engineering, ceramic materials, and production metallurgy. Applications are welcome from all areas of materials science and engineering, experimental or theoretical, with preference for the following areas:

- Electronic-Magnetic Materials and Devices
- Bio-Nano Materials
- Polymeric Materials and Polymer Processing
- Production Metallurgy

The candidates must possess a distinguished record of research accomplishments and publications, and a demonstrated ability to mentor graduate students and develop an innovative research and educational program. Successful candidates will be expected to attract external funding and build a strong sponsored-research program, lead independent research at the cutting edge of their field, and teach undergraduate and graduate courses in materials science and engineering.

All applications should be submitted electronically as a single PDF document to mete@metu.edu.tr. Electronic applications should include 1) a current vitae, 2) a concise statement (not to exceed three pages total) of research and teaching interests and philosophy, and 3) names and addresses of three references, addressed to:

Chair, Metallurgical and
 Materials Engineering Department
 Middle East Technical University
 Ankara 06531 TURKEY

The search committee will begin reviewing applications on **January 15, 2007**. For further or follow-up information, please link to <http://www.mete.metu.edu.tr/announcements/facultysearch.htm>.



University of Idaho
RESEARCH FACULTY

The University of Idaho (UI), in partnership with the
Idaho National Laboratory (INL):

Is recruiting recognized faculty to conduct research and teach in the new Center for Advanced Energy Studies (CAES) with access to some of the most advanced scientific resources available. These positions are located in Idaho Falls, Idaho and/or Moscow, Idaho.

RESPONSIBILITIES FOR ALL POSITIONS INCLUDE:

Developing a nationally recognized, extramurally funded, innovative research program that complements the nuclear energy missions of the INL (www.inl.gov) and the university. Teaching responsibilities typically include an annual graduate course in the applicant's area of expertise, invited seminars and lectures, mentoring, and advising graduate students and postdoctoral fellows.

ALL POSITIONS REQUIRE:

Documented research and scholarly activity, teaching experience, and have ability to qualify for U.S. Department of Energy security clearance. Strong candidates with backgrounds in other related areas will also be considered. Excellent communication skills to interact successfully with students, faculty, and national laboratory researchers are expected.

CHEMICAL ENGINEERING

Required Qualifications: An earned doctorate degree in chemical engineering, radiochemistry, or closely related field is required.

Desired Qualifications: Applicants should have a demonstrated excellence in research and experience in collaborative research programs associated with energy. Preferred areas of specialization include all aspects of the nuclear fuel cycle including materials, reactor design and development, chemical separations, remote handling and processing, modeling, and nuclear science. This position is tenure or tenure-track at the Assistant, Associate, or Full Professor level (depending on qualifications and experience). The position is a joint appointment with the INL, approximately 80% research and scholarship, and 20% teaching.

MATERIALS SCIENCE ENGINEERING

Required Qualifications: An earned doctorate degree in engineering, materials science, or closely related field is required.

Desired Qualifications: Applicants should have demonstrated excellence in research and experience in collaborative research programs associated with materials for energy. Preferred areas of specialization include ceramics, nuclear materials, or chemical separations. This position is tenure or tenure-track at the Assistant, Associate, or Full Professor level (depending on qualifications and experience). The position is a joint appointment with the INL, approximately 50% research and scholarship, and 50% teaching.

MECHANICAL/NUCLEAR ENGINEERING

Required Qualifications: An earned doctorate degree in engineering or closely related field is required.

Desired Qualifications: Applicants should have demonstrated potential in research and experience in collaborative research programs associated with energy. Preferred areas of specialization include all aspects of the nuclear fuel cycle including materials, reactor design and development, chemical separators, remote handling and processing, modeling, and nuclear science. This position is tenure or tenure-track at the Assistant, Associate, or Full Professor level (depending on qualifications and experience). The position is a joint appointment with the INL, approximately 80% research and scholarship, and 20% teaching.

PREFERRED STARTING DATE: SUMMER 2007 – FALL 2007

Applicants must apply online by clicking the "Apply Online" icon at www.hr.uidaho.edu.

Include a letter of application addressing related experience and the required and desired qualifications, curriculum vitae, college transcripts (mail directly to the Search Chair), statement of research plans and educational goals, copies of representative publications, and the names and contact information for five references. Documents that cannot be submitted online should be mailed to:


Dr. Fred S. Gunnerson, Search Chair, University of Idaho
 1776 Science Center Drive, Suite 306, Idaho Falls, ID 83402-1575
gunner@if.uidaho.edu; FAX: 208-282-7950

CLOSING DATE:

Application review will begin **October 20, 2006** and will continue until a suitable application pool is identified.

To enrich education through diversity, the University of Idaho is an equal opportunity/affirmative action employer.

Positions Available




One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land Grant, Sea-Grant, Urban-Grant and Space-Grant institution with its main campus in Newark, DE, located halfway between Washington, DC and New York City. Please visit our website at www.udel.edu.

Assistant Professor Materials Science and Engineering

The Department of Materials Science and Engineering continues to expand and invites applications for faculty positions in Electronic and Magnetic Materials, Polymers, Nanoscale Materials, Materials Chemistry or Biomolecular Materials. These are tenure track faculty positions at the level of Assistant Professor; appointment at the Associate Professor level or higher will be considered for an outstanding candidate. The successful candidates must have a Ph.D. degree in Materials Science and Engineering or related field, be qualified to teach undergraduate and graduate courses in Materials Science and Engineering and be willing to develop a world-class research program that includes collaborations with existing materials-based groups within the university, externally and in local industrial and government labs.

Applicants should send a resume, a description of proposed research and three letters of recommendation to Professor Darrin Pochan, Chair, Faculty Search Committee, c/o Diane Clark, Department of Materials Science and Engineering, DuPont Hall-Room 201, University of Delaware, Newark, DE 19716. The Search Committee will begin the review and processing of applications on November 21, 2006 and will continue to accept applications until the position is filled. For more information please visit www.mseg.udel.edu. All application materials shall be shared with departmental faculty.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.



GROUP LEADER Biomolecular Interfaces and Systems Materials Science & Technologies Department Sandia National Laboratories

The Materials Science & Technologies Department at Sandia National Laboratories in Albuquerque, NM, seeks a Group Leader for Biomolecular Interfaces and Systems. The Group Leader provides technical vision and leadership for staff scientists and postdocs as they investigate complex biological processes by developing and applying world-class research tools (e.g., nano- and micro-scale research platforms, modeling, simulation) at the interface of biology, nanoscience, and nanotechnology. The Group Leader also identifies opportunities for applying Sandia's nanobiotechnology capabilities to life science challenges via collaborative partnerships, both internal and external.

A major thrust of the department's work is integrating fundamental knowledge of biomolecular processes, biological principles, biomimetic materials, and biomolecular function into nano- and micro-scale systems. The department also leads Sandia's Nano-Bio-Micro Interfaces science thrust in the Center for Integrated Nanotechnologies (www.sandia.gov/CINT).

Required qualifications include a PhD degree in the physical or biological sciences, at least two years of postdoctoral research experience, recognized (e.g., publications in peer-reviewed literature) research accomplishments in an area of science or engineering aligned with the department's work, a record of leading research teams, experience developing and leading externally funded research programs, and an affinity for a diverse team environment.

Candidate must be able to obtain a U.S. Department of Energy security clearance for this position. In order to obtain a security clearance, U.S. Citizenship is required. Sandia offers comprehensive benefits (medical, dental, vision, 401K with company-match, a pension plan, and three weeks of vacation), flexible work schedules with alternate Fridays off, on-site fitness facilities, and much more! Apply ONLINE at www.sandia.gov/employment/career-opp, job reference #56132.

*Sandia is an Equal Opportunity/
Affirmative Action Employer.*



TENURE-TRACK POSITION IN ALTERNATIVE OR SUSTAINABLE ENERGY Department of Mechanical & Industrial Engineering University of Toronto

Established in 1827, the University of Toronto is Canada's largest university, recognized as a global leader in research and teaching. U of T's distinguished faculty, institutional record of groundbreaking scholarship, and wealth of innovative academic opportunities continually attract outstanding students and academics from around the world.

The Department of Mechanical & Industrial Engineering at the University of Toronto is home to the top mechanical and industrial engineering programs in Canada. We foster a world-class environment that excels in teaching, learning, and research for our undergraduate and graduate programs. The department currently invites applications for an academic tenure stream position at the rank of Assistant or Associate Professor in the area of Alternative or Sustainable Energy.

The successful candidate should have a minimum of two to five years of postdoctoral experience, with a focus on experimental research. Applicants must have a doctoral degree in engineering (or related discipline), an outstanding academic and research record including refereed publications, and effective teaching ability. The candidate should also have an undergraduate degree in engineering and be eligible for registration as a Professional Engineer.

Duties will include undergraduate and graduate teaching, research, and departmental service. Salary is commensurate with qualifications. Start date is approximately July 1, 2007. Applicants should include in their responses: a detailed curriculum vitae; a clear statement of specific teaching and research interests; and the names of three persons able to provide references in support of their application. Letters of application should be addressed to:

Professor A.N. Sinclair, Chair, Department of Mechanical & Industrial Engineering
University of Toronto; 5 King's College Road; Toronto, ON M5S 3G8, Canada

The closing date for all applications to be received is **December 4, 2006**. For more information on the University of Toronto and the Department of Mechanical & Industrial Engineering, please visit: <http://www.utoronto.ca> or <http://www.mie.utoronto.ca>.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.



Positions Available

FACULTY POSITION
Advanced Materials Research Institute
University of New Orleans

The Advanced Materials Research Institute (AMRI) at the University of New Orleans anticipates an opening for a tenure-track Assistant Professor in Materials Science to teach and conduct research in materials science. AMRI seeks qualified applicants with **materials chemistry** research specialization that includes expertise in one or more of the following areas: synthesis and fabrication of nanomaterials (particle monolayers, films, nanostructures, composites, array assemblies, etc.); knowledge of thin film growth, and characterization; and structural determination of nanomaterials and nanostructures. Collaboration with faculty in other departments of the University and with scientists in industrial research laboratories is encouraged.

Salary range and appointment level are commensurate with experience and educational background. Initial review of applications will begin on **January 1, 2007**, and all applications will receive full consideration as received until the position is filled. The successful candidate should be capable of assuming a leadership role in the development of an independent research program and will submit proposals for external funding to industrial and government agencies. Candidates must possess a PhD degree and are expected to have postdoctoral experience and an established record of excellence in their area of specialization. Applicants should submit a resume and a one-page description of their research interests. To apply for the position, please send a resume and a statement of your research interests to: Search Committee, Advanced Materials Research Institute, University of New Orleans, New Orleans, LA 70148; e-mail: amri@uno.edu.

UNO-AMRI is an Affirmative Action/Equal Opportunity Employer



FACULTY POSITIONS
School of Materials Science and Engineering
Clemson University

The School of Materials Science and Engineering is seeking several outstanding faculty, preferably at the Assistant/Associate Professor level in the areas of polymers (including textiles), ceramics, and metals. Overlap with Clemson's focus on *Advanced Materials*, and the School's emphasis areas of advanced optical and electronic materials, bio-inspired and advanced fiber-based materials, automotive and aerospace materials, and structural/building and restoration/conservation materials science, are particularly encouraged. Additionally, candidates with expertise in computational materials science related to these areas are also encouraged to apply. Candidates must hold a PhD degree in materials science and engineering or related discipline, have demonstrated a distinguished record of prior research accomplishments, and be prepared to develop an innovative research and educational program. Successful candidates will be expected to attract external funding, lead independent research at the cutting edge of their field, and teach undergraduate and graduate courses.

The School of Materials Science and Engineering at Clemson University is one of the leading materials departments in the nation, with 17 faculty members, 104 undergraduate students, and 51 graduate students. Sponsored research funding to the School are over \$11M per year. With its affiliation with the NSF's Fiber and Film Engineering Research Center (CAEFF), Clemson Apparel Research (CAR), the Center for Optical Materials Science and Engineering Technology (COMSET), the National Brick Research Center (NBRC), Clemson's International Center for Automotive Research (ICAR), and the Warren Lasch Conservation Center, the School provides a unique opportunity for interdisciplinary research activities, career development, and personal fulfillment.

All applications must be submitted electronically. Qualified applicants should send: 1) a current vitae; 2) a detailed document summarizing research philosophy, planned future research activities, and how they expect to compliment and extend the capabilities of current faculty and programs; 3) a description of teaching philosophy including undergraduate and graduate course competencies and how they would fit into the present academic programs; and 4) names and addresses of three references. Items 2) and 3) should not exceed four pages. This information should be submitted to Prof. H. J. Rack, Chair of the Search and Screening Committee, rackh@clemson.edu. Review of applications will commence **November 15, 2006**, with full consideration being assured to applications received by this date. Screening will continue until the positions are filled.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, or veteran status. Women and minorities are especially encouraged to apply.



SENIOR ELECTRON
MICROSCOPY SPECIALIST
Burnham Institute for
Medical Research

The Burnham Institute for Medical Research (www.burnham.org) forms part of a vibrant scientific community situated next to the Pacific Ocean, including the Scripps and Salk Institutes, as well as UCSD. We are currently seeking an Electron Microscopy Research Specialist to join an exciting interdisciplinary initiative to define the molecular processes that drive cell migration.

The position is in Dr. Hanein's laboratory, which has several state-of-the-art microscopes including an FEI Tecnai G2 120 KeV, 200 KeV (FEG), an FEI 300 KeV (Polaris) (shared with UCSD), and will be accepting a new 300 KeV within an 18-month period. All TEMs are equipped with CCD cameras, GIF, and fully set-up for cryo-tomography.

The successful applicant will train lab members and perform microscope and ancillary equipment maintenance (fully supported by service contracts). The applicant will also handle an individual research project in the lab and participate in development of new modes of image acquisition.

Requirements include a working knowledge of high resolution TEM and a PhD degree or equivalent experience in Material Science, Biology, or Bioengineering. To apply, please send a current curriculum vitae and names of three references to humanresources@burnham.org. Please reference job code 151360929061. Salary is competitive and commensurate with experience.

Equal Opportunity Employer

**Place Your
Ad Today!**

Contact—

**Mary E. Kaufold at
724-779-8312, or
kaufold@mrs.org**

Positions Available

**TENURE-TRACK ASSISTANT OR
ASSOCIATE PROFESSOR OF PHYSICS
Southern Connecticut State University**

We seek a creative scientist and dedicated teacher, preferably with primary interest in materials physics or nanoscience/nanotechnology, either experimental or theoretical. The successful candidate will join a dynamic and growing department with four experimentalists and one condensed matter theorist whose interests include advanced materials, nanotechnology, magnetism, and other applications-oriented systems as well as physics education. We value effective teaching at all levels, student involvement in faculty research, and energetic participation in the scientific community by faculty and students. Our department houses a significant component of an NSF-supported Materials Research Science and Engineering Center, in collaboration with Yale and Brookhaven.

Responsibilities include: teaching introductory and upper-level courses for physics and other science majors, and elementary core courses for other undergraduates; mentoring majors; scholarly research with strong potential for undergraduate student participation; scientific interaction with departmental faculty; participation in collegial service and professional activities. Preference will be given to applicants committed to collaborating with one or more of the current faculty members. The department currently offers only undergraduate degrees in physics, but the successful candidate will be expected to participate in the development of new master's degree programs. Candidates should have a PhD degree in Physics, Material Science, or closely related field and demonstrated commitment to undergraduate education with evidence of teaching effectiveness.

Position to begin August 27, 2007. To insure full consideration, materials must be received by **January 15, 2007**. Send to Dr. James Dolan, Chairperson, Department of Physics, Southern Connecticut State University, 501 Crescent Street, New Haven, CT 06515 or e-mail to: taylor5@southernct.edu. Include: CV with publication list, letter describing professional goals, and statement of teaching perspective and scholarly interests. Identify at least three references with e-mail addresses and phone numbers. For program information and links to other University and physics department web pages: <http://www.southernct.edu/physics>. Search will continue until position is filled.

SCSU is an equal opportunity, affirmative action employer and actively seeks to enhance the diversity of its faculty. The University encourages women and minorities to apply.

**FACULTY POSITIONS
Materials Science & Engineering
Florida State University**

Florida State University is pleased to announce a new faculty cluster hiring initiative in the *Growth, Processing and Characterization of Advanced Materials*. This initiative has recently been established as part of FSU's Pathways of Excellence Initiative (<http://pathways.fsu.edu/>). Inaugurated in the fall of 2005, the Pathways program leverages the University's unique strengths with significant new investments in research and graduate education. This initiative is designed to hire faculty who are national and international leaders in their respective fields, or are on a clear trajectory to be so, and who work effectively in an interdisciplinary team with common intellectual goals.

The *Growth, Processing and Characterization of Advanced Materials Cluster* is interdisciplinary, blending many engineering disciplines with chemistry, physics, and computational sciences, with a goal of bridging the most basic science at the nanoscale with large scale applications of new technologies. To begin fulfilling this vision, the Cluster will hire six new tenured or tenure-track faculty over the next three years. This hiring initiative is part of an emerging effort in Materials Science & Engineering at FSU, which includes new interdisciplinary graduate degree programs and a new Materials Research Building, soon to begin construction at the Florida State University Innovation Park site in close proximity to the College of Engineering (www.eng.fsu.edu), the National High Magnetic Field Laboratory (<http://www.magnet.fsu.edu/>), the Applied Superconductivity Center, the High Performance Materials Institute (<http://hpmi.net/>), and the Center for Advanced Power Systems (<http://www.caps.fsu.edu/>).

The new hires will complement present faculty at Florida State University who are active in a broad spectrum of materials research. Candidates will be considered in all areas of experimental, theoretical, and computational research that fall within the broad categories implied by "*Growth, Processing and Characterization of Advanced Materials*." Senior candidates must have a record of significant publishing and external funding, an international reputation, and a demonstrated record of scientific leadership. Junior candidates must demonstrate progress towards similar achievements. All candidates should have an appropriate terminal degree and the ability to teach at the graduate level in Materials Science & Engineering or related fields. The Cluster will favor candidates with exceptional communication skills and the ability and commitment to work in synergistic, interdisciplinary research programs. Appointees will be tenured or tenure-earning in an academic department to be determined during the hiring process. Rank will be commensurate with experience.

Nominations should include the name, address, telephone, and email contacts for the nominee along with a brief letter addressing the nominee's qualifications. Applicants should submit a letter of interest which describes their areas of research and teaching, complete curriculum vitae, and the names and contact information of at least three references. The review of applications will commence on **January 15, 2007**, and will remain open until all positions are filled.

Letters of nomination or application should be addressed to Materials Cluster Hire Co-Chairs, Office of the Dean, College of Engineering, 2525 Pottsdamer Street, Tallahassee, FL 32310-6046.

Florida State University is an Equal Opportunity/Access/Affirmative Action Employer.



**MEMBER ALERT
Meet Your Next Employer!**

Show off your talents to the world's most prestigious universities, laboratories and high-tech firms. FREE of charge to all MRS Members, the Career Center provides targeted employment opportunities to candidates seeking positions in the scientific community.

For additional information, contact Lorri Smiley at smiley@mrs.org.

Location & Hours

Hynes Convention Center • Exhibit Hall (Level 2)

Monday, November 27 (Registration only) 1:00 pm – 4:00 pm
 Tuesday, November 28 12:00 pm – 6:00 pm
 Wednesday, November 29 10:00 am – 6:00 pm
 Thursday, November 30 10:00 am – 1:30 pm