

Positions Available



**MATERIALS RESEARCH ENGINEER**  
**Durability, Damage Tolerance and**  
**Reliability Branch**  
**NASA Langley Research Center**

NASA Langley Research Center, Hampton, VA, is seeking a technical expert in the area of damage process characterization in polymeric composite materials and fiber metal laminate (hybrid) materials. The researcher will develop fundamental understanding of the dependence of macro-scale damage growth on micro-scale mechanisms, material properties, configuration, and defects. The work involves research on fatigue and fracture of composite materials with emphasis on characterization of damage initiation and growth, understanding of damage processes, fractography, determination of environmental aging effects including moisture and thermal influences, development of fundamental constitutive relationships, and experimental validation of analytical models and procedures. Experimental expertise may include fatigue crack growth rate testing; various methods of characterizing damage growth under monotonic and cyclic loading; near crack tip strain measurement and evaluation; use of SEM and other microscopic analysis, differential mechanical analysis (DMA), nanoindentation and mechanical testing; testing in highly controlled environments; determination of the effects of mode mixity on damage growth; techniques for accelerated aging of materials; and development of specialized techniques for validation of models of damage initiation and growth. Analytical expertise may include viscoelastic and viscoplastic analyses; continuum damage mechanics; fracture mechanics; micromechanics analyses; shear lag modeling, including effects of the interphase regions; and higher order elasticity and plasticity models.

Demonstrated capability to conduct independent research as indicated by published works in the engineering sciences area is required. Applicants must be U.S. citizens. Interested individuals must apply electronically following instructions at [www.usajobs.opm.gov](http://www.usajobs.opm.gov) and searching on job announcement **LA09D001**. Applications must be received between **October 15, 2009 and November 15, 2009**. For information call Kathlyn Baker at 757-864-3239.

*NASA is an EEO/AA employer.*



**DIRECTOR**  
**Division of Materials Research**  
**National Science Foundation**  
**Arlington, VA**

NSF's Directorate for Mathematical and Physical Sciences (MPS) seek candidates for the position of Director, Division of Material Research. The incumbent provides leadership and direction to the Division, which is responsible to make new discoveries about the behavior of matter and materials. Information about the Division's activities can be found at <http://www.nsf.gov/mps/dmr/about.jsp>.

Appointment to this Senior Executive Service position may be on a career basis, or on a one-to-three year limited term basis, with a salary range of \$153,200 to \$171,882. Alternatively, the incumbent may be assigned under Intergovernmental Personnel Act (IPA) provisions.

**Announcement S20090109**, with position requirements and application procedures are posted on NSF's Home Page at [http://www.nsf.gov/about/career\\_opps/](http://www.nsf.gov/about/career_opps/). Applicants may also obtain the announcement by contacting the Executive Personnel Staff at 703-292-4367. (Hearing impaired individuals may call TDD 703-292-8044.) Applications must be received by **November 20, 2009**.

*NSF is an Equal Opportunity Employer.*

Max-Planck-Gesellschaft  
 Max Planck Society



**Selbstständige**  
**Nachwuchsgruppen**  
**Max Planck**  
**Research Groups**

The Max Planck Society invites applications from outstanding young scientists in all fields of research pursued by the Max Planck Society (**Biology and Medicine; Chemistry, Physics and Technology; Humanities, Social Sciences and Law**).

We also explicitly encourage applications from candidates with an interdisciplinary background.

The successful candidates will be offered a **Max Planck Research Group Leader** position for a period of five years (W2; equivalent to associate professor level) including a five-year grant (research positions, budget, investments) **at a Max Planck Institute of their choice**.

Applications should include a CV, a list of publications, copies of three publications, a one-page summary of scientific achievements, and a two-page research plan.

For further information and detailed application instructions see

<http://www.mprg.mpg.de>

The Max Planck Society has established a tenure track policy for new leaders of Max Planck Research Groups; more details are available on the website above.

The Max Planck Society is committed to equal opportunities and to employing individuals with disabilities.

The deadline for application is **November 17, 2009**.

**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](http://www.udel.edu).

**Faculty Positions - Engineering**

The Department of Materials Science and Engineering in the College of Engineering at the University of Delaware has openings for both tenured and tenure-track, full time, faculty positions at all levels (i.e. Assistant, Associate and Full Professor). Applicants must have a Ph.D. degree, be qualified to teach undergraduate and graduate courses in Materials Science and Engineering, and are expected to develop independent and cooperative research programs of a theoretical or experimental nature. A demonstrated research record or potential is required. Outstanding candidates are welcomed in all areas, particularly in materials for energy, composite and biological applications. Women and minority candidates are strongly encouraged to apply.

Please submit an electronic copy of your curriculum vitae, research plan, teaching philosophy and a list of three references (including their name, address and email contact details) via the following link: [www.engr.udel.edu/faculty-search](http://www.engr.udel.edu/faculty-search) or to Chair Search Committee, Department of Materials Science and Engineering, The University of Delaware du Pont Hall, Room 201 Newark, DE 19716.

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

**POSTDOCTORAL RESEARCH ASSOCIATE**  
Center for Functional Nanomaterials



The Center for Functional Nanomaterials at Brookhaven National Laboratory seeks to fill a Postdoctoral Research Associate Position. Requires a PhD degree in physics, chemistry, materials science, or related field. The successful candidate should have a background in one of the following fields: soft matter, polymers or colloids, and proficiency with applications of x-ray scattering methods to soft materials or interfaces. Hands-on experience with rheological methods, optical microscopy, AFM, and surface functionalization are also desirable.

The position will be in the Soft and Bio-nanomaterials Group with a focus on study self-organization processes in complex nanoscale systems. The successful candidate will work in an interdisciplinary team and will experimentally investigate fundamentals of self-organization phenomena, phase formation, and dynamic behavior of nanoscale systems with bio-recognitions using synchrotron-based x-ray scattering methods, scanning probe, spectroscopic, and optical techniques. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. Under the direction of O. Gang, Center for Functional Nanomaterials.

To apply for this position, go to <http://www.bnl.gov/hr/careers/> and click on **Search Job List**. Please apply to **Job ID # 14987**.

*Brookhaven National Laboratory is an equal opportunity employer committed to building and maintaining a diverse workforce.*



**NASA POSTDOCTORAL FELLOWSHIPS**

The NASA Postdoctoral Program (NPP) offers unique research opportunities to highly talented national and international scientists and engineers to engage in ongoing NASA research in space science, earth science, aeronautics, space operations, exploration systems, and astrobiology.

- Approximately 50 Fellowships awarded annually
- One-year appointments, renewable up to three years
- Annual stipends start at \$50,000, with supplements for specific degree fields and high cost-of-living areas
- Annual travel budget of \$8,000
- Financial assistance for relocation
- Financial supplement for health insurance purchased through the program
- Apply at <http://nasa.orau.org/postdoc>

**Application Deadlines:** March 1, July 1, and November 1

To obtain more information and to apply for this exciting opportunity, please visit the NPP Web site at <http://nasa.orau.org/postdoc>.



**POSITIONS AVAILABLE**  
**Functional Oxides for Nanoelectronics & Energy Harvesting**



Post-docs are sought with experience in oxide thin film deposition and characterization for nanoelectronics and energy harvesting applications. Experience in one or more of the following deposition methods is required: laser ablation, sputtering, atomic layer deposition, or chemical synthesis. In addition, experience in either device characterization or material analysis techniques is required.

Clean room experience and detailed knowledge of any of the following areas is a plus.

- Thermoelectrics
- Oxide Thin Film Transistors
- Oxide Electrodes (for pseudo-capacitors, batteries, solar cells, etc.)
- Nanostructured Oxides
- High-k Dielectrics

A generous compensation package will be offered that includes: competitive salary, free furnished housing, health care (medical and dental), 30 days annual vacation, annual repatriation tickets, and relocation expenses to Saudi Arabia.

Appointments are for one year and may be renewed up to three years based on performance. If interested, please send CV and names of two references to **Prof. Husam N. Alshareef** at [husam.alshareef@kaust.edu.sa](mailto:husam.alshareef@kaust.edu.sa).

**About KAUST:**  
KAUST is located on the Red Sea near Jeddah, Saudi Arabia. Opening in September 2009, KAUST welcomes exceptional researchers, faculty, and students from around the world. Further information can be found at <http://www.kaust.edu.sa/>.

Positions Available

FACULTY POSITION  
Mechanical Engineering



The Johns Hopkins University, Department of Mechanical Engineering, invites applications for a full-time tenure-track faculty position in the general area of mechanics and materials. Modeling and simulations are of particular interest, but all outstanding candidates will be considered. Opportunities for interactions across the University include the Institute for NanoBioTechnology, the NSF MRSEC on Nanostructured Materials, the Whitaker Biomedical Engineering Institute, the Institute of Computational Medicine, the Center for Advanced Metallic and Ceramic Systems, and the NSF Engineering Research Center for Computer-Integrated Surgical Systems and Technology.

Preference will be given to applicants at the assistant professor level, but exceptionally qualified candidates at all ranks will be considered. The successful candidate must have a doctorate, and is expected to establish a strong, independent, internationally recognized research program as well as contribute fully to both undergraduate and graduate instruction.

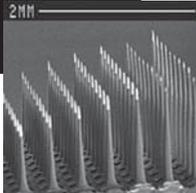
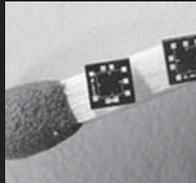
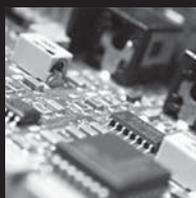
All applications should be submitted electronically (before **December 15, 2009**) as a **single PDF document to [me-search@jhu.edu](mailto:me-search@jhu.edu)**. Electronic applications should include a cover letter describing the principal expertise of the applicant, a statement of teaching and research interests and experiences, a complete resume, and the names of at least three references.

*The Department is committed to building a diverse environment; women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA Employer.*



MATERIALS ENGINEER  
IMRA America, Inc.

Seeking an engineer to conduct material synthesis using pulsed laser deposition and other physical methods. MS required. Please visit our website at [www.imra.com/jobs](http://www.imra.com/jobs) for more information and to apply.



Fraunhofer Institut Zuverlässigkeit und Mikrointegration



The University is an AA/EO employer, encourages applications from women and minorities, and provides reasonable accommodations for known disabilities of applicants and employees.

TENURE-TRACK POSITIONS

Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering, University of Utah, Salt Lake City, seeks applications to fill at least two tenure-track positions at the assistant, associate, or full professor level for an interdisciplinary research cluster in **Micro and Nanosystem Integration and Packaging**. We are particularly interested in candidates with backgrounds in electronic micro/nano-system integration and packaging, biocompatible materials and packaging, solid state devices, reliability, testing, and micro/nano system modeling and simulation.

Information on department research activities and curricula may be found at [www.ece.utah.edu](http://www.ece.utah.edu). The web site also has information on two more positions available in the department. Information on the College of Engineering can be found at [www.coe.utah.edu](http://www.coe.utah.edu). Successful candidates will conduct research with tenure-track appointments in the Department of Electrical and Computer Engineering, but may also be appointed in other departments such as Materials Science, Bioengineering, or Mechanical Engineering. Suitable candidates may be considered for joint appointments with the College of Science or the Medical School at the University of Utah.

These positions are part of the **Utah Science, Technology and Research Initiative (USTAR)**, which was funded by the Utah State Legislature to attract focused teams of outstanding researchers who have the potential to help build major research programs and create new technology that can ultimately lead to commercial products and/or new industries for Utah. The USTAR initiative is also supporting a new interdisciplinary building which will house a new nanofabrication laboratory and characterization facilities that will cater to solid state devices, MEMS, sensor and packaging research and development, as well as the handling of biomedical samples. The building will facilitate communication for researchers such as the ones hired under this solicitation, from engineering, sciences, and the medical school, as well as offering lab access for selected industrial stake holders. Information on the USTAR initiative can be found under [www.ustar.utah.gov](http://www.ustar.utah.gov). Candidates for this initiative should have a demonstrated track record of successful, funded projects and an interest or track record in technology commercialization, entrepreneurial, or industrial experience.

The positions are also associated with and partially supported by the **Fraunhofer Institute for Reliability and Microintegration IZM**, and leverage a strong collaborative and international research program with a Fraunhofer IZM branch laboratory in Utah. Fraunhofer support includes in-house access to Fraunhofer infrastructure, know-how, and resources. Selected positions may be associated with joint Fraunhofer appointments, possibly at a center director's or co-director's level.

Résumés with names, contact information for at least three references, and statements for research and teaching goals should be sent to:

**Ms. Debbie Sparks, USTAR Faculty Search Committee**  
University of Utah, Electrical and Computer Engineering Department  
50 South Central Campus Drive, Room 3280  
Salt Lake City, UT 84112-9206

Email applications are accepted at [dsparks@ece.utah.edu](mailto:dsparks@ece.utah.edu). Applications will be reviewed starting September 1, 2009, and will be accepted until the positions are filled.

Faculty responsibilities include developing and maintaining an internationally recognized research program, effective classroom teaching at the undergraduate and graduate levels, and professional service. Applicants must hold a PhD degree by the time of appointment. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

Positions Available

**FACULTY POSITION**  
**Materials Science and Engineering Faculty Opening**



The School of Materials Engineering at Purdue University invites applications for a faculty position at the assistant, associate, or full professor level. Targeted research areas are polymer physics, polymer mechanics, analytical electron microscopy, and materials for energy sustainability, with outstanding candidates having other research emphases also considered. Successful candidates must hold an earned PhD degree or equivalent in materials science and engineering or related discipline(s) and demonstrate the ability to develop independent research programs at the forefront of their field, as well as effectively teach graduate and undergraduate courses.

The School of Materials Engineering at Purdue University has undergone significant growth in the last 5 years and now has 20 faculty engaged in interdisciplinary research across a campus that contains a wide spectrum of researchers in materials science (see [www.engineering.purdue.edu/MSE/](http://www.engineering.purdue.edu/MSE/)).

**Submit applications on-line at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications>**, including curriculum vitae, teaching and research plans (each 3 pages maximum), copies of up to three most relevant publications, and names of three references. For information/questions regarding application submission, contact Marion Ragland, Faculty Recruitment Coordinator, College of Engineering, Attn: Dept. Engineering Education, at [ragland@purdue.edu](mailto:ragland@purdue.edu). Address questions regarding positions to Prof. Kevin Trumble, Search Chair, at [drisco1@purdue.edu](mailto:drisco1@purdue.edu). Review of applications begins **November 1, 2009** and continues until the position is filled.

*Purdue University is an equal opportunity/equal access/affirmative action employer fully committed achieving a diverse workforce.*

**POSTDOCTORAL FELLOW**

**Department of Materials Science and Engineering**  
**North Carolina State University**

A postdoctoral position is available on high-resolution transmission electron microscopy (HREM). The candidate is expected to have sound background and some experience on characterizing lattice defects in nanostructured metals. To apply, send your CV to Prof. Y.T. Zhu at [ytzhu@ncsu.edu](mailto:ytzhu@ncsu.edu).

EEO/AA



**POSTDOCTORAL FELLOW**

**Department of Materials Science and Engineering**

The University of Utah has an immediate opening for a Postdoctoral Fellow in Thin Film Compound Semiconductor Photovoltaics. Applicants are sought for an externally-funded Postdoctoral Fellow to work on deposition and characterization of compound semiconductor thin films for photovoltaic applications especially focusing on the characterization of defects. More information about the position and application procedures may be found at <http://scarpulla.eng.utah.edu/2009PostDoc.pdf>.

The University of Utah is an AA/EEO Employer



**OAK RIDGE NATIONAL LABORATORY**  
 MANAGED BY UT-BATTELLE FOR THE DEPARTMENT OF ENERGY

**DIRECTOR**  
**Center for Nanophase Materials Sciences (CNMS)**

The Oak Ridge National Laboratory (ORNL), a premier science and energy laboratory, is seeking an outstanding research leader for the position of **Director, Center for Nanophase Materials Sciences (CNMS)**. The CNMS, one of five Department of Energy national nanoscience user facilities, is dedicated to the design, synthesis, characterization, and theory/modeling/simulation of nanoscale materials. The CNMS occupies a new, dedicated building with over 30 laboratories and a 10,000 sq. ft. nanofabrication clean room facility. Therefore, you will be provided with the ideal environment to create rich opportunities for collaborative research in a national laboratory environment.

**MAJOR RESPONSIBILITIES:**

- Defining and leading an innovative research program
- Attracting and retaining outstanding research staff
- Managing a \$20M annual operating budget and additional capital equipment budget

**QUALIFICATIONS:**

- PhD degree in physical sciences, engineering, or related field
- Greater than 10 years of professional research experience beyond the doctorate
- Greater than 8 years experience leading multi-disciplinary research groups

For a more detailed job description, and to apply, please visit our company website at <http://jobs.ornl.gov/> or [www.ornl.gov](http://www.ornl.gov).  
 Equal opportunity employer.

[www.ornl.gov](http://www.ornl.gov)



**MATERIALS RESEARCH ENGINEER**  
**Behavior and Life Prediction**  
**Air Force Research Laboratory**

The Ceramics Branch of the Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio is seeking a researcher with one to five years of experience in deformation and fracture mechanics of structural materials, with emphasis on brittle field behavior. The individual will participate and eventually lead the branch's efforts toward determination of life-limiting mechanisms and development of physics-based failure models for ceramic-matrix composites in a wide range of aerospace applications. Responsibilities include conducting in-house research, along with some external contract management.

Strong analytical skills are required. Experience with modeling of behavior and life prediction, high-temperature environmental effects, mechanical testing methods, processing-microstructure-property relationships, ceramics or ceramic-matrix composites, and composite fiber architectures are desirable. A doctoral degree in materials science or a related discipline is preferred. U.S. Citizenship is required.

For consideration, qualified candidates should submit resumes to [michael.kinsella@wpafb.af.mil](mailto:michael.kinsella@wpafb.af.mil).

## Positions Available



THE UNIVERSITY OF TOLEDO

## FACULTY POSITIONS in Renewable Energy

- **Endowed Chair in Condensed Matter** (Experiment)
- **Junior Positions in Thin Film Growth** (Theory) and **Photonics** (Theory)

The University of Toledo ([www.utoledo.edu](http://www.utoledo.edu)) invites applications for three faculty positions to begin August 2010. The successful applicants are expected to commit to quality teaching in their discipline at all levels, establish strong externally-funded research programs that involve undergraduate and graduate students, and participate in a broad-based state-wide initiative in renewable energies as members of the Center for Photovoltaics Innovation and Commercialization ([www.pvic.org](http://www.pvic.org)) in the School of Solar and Advanced Renewal Energy. Joint appointments in other departments/colleges at the University of Toledo are likely. The university has strong experimental faculty groups in thin-film photovoltaics with interests in several technologies including polycrystalline CdTe and CIGS (copper-indium-gallium-diselenide), amorphous and nanocrystalline Si, and transparent conducting oxides. Group efforts also exist in many key components of next generation science including nanomaterials and ultrafast spectroscopies. Several companies with strong research and development groups focusing on thin film photovoltaic (PV) technologies exist in the greater Toledo area. The successful candidates are expected to participate in and promote collaboration among university and industry groups.

The first position is a senior-level tenured faculty appointment, and the successful candidate will assume the **Ohio Research Scholar Endowed Chair**. Candidates are sought having exceptional experience and qualifications in experimental condensed matter physics with applications in renewable energy technologies. Areas of greatest interest include the fabrication and/or analysis of advanced materials and device structures for solar photovoltaics (PV) or PV-generated fuels. This faculty member will collaborate broadly with university colleagues and Center industrial partners throughout Ohio focusing on these technologies. The expertise of the successful candidate, and the infrastructure and capabilities that will be established, are expected to be uniquely valuable for fabricating and/or analyzing PV materials, interfaces, and device structures. The Ohio Research Scholar Endowed Chair is to be supported by a significant start-up package through a grant from the Ohio Department of Development.

The latter two positions are expected to be filled at the Assistant Professor level, although appointment at the Associate Professor level is possible for exceptionally well-qualified candidates. The successful candidate for the **deposition modeling position** is expected to establish an independent research program and to collaborate with existing experimental and theoretical research groups in the fundamental understanding of renewable energy materials fabrication and processing, as well as to complement existing departmental theoretical expertise in kinetic Monte Carlo simulations, parallel accelerated dynamics, and density functional theory calculations.

Candidates with strong interests and expertise in the modeling of thin-film growth processes are encouraged to apply. Areas of particular interest include modeling of the gas phase and growth surface in chemical and physical vapor deposition, the development and application of accurate many-body potentials for photovoltaic materials, and the development and application of advanced methods for modeling non-equilibrium processes.

The successful candidate for the **photonics theory position** is expected to establish an independent research program and to collaborate with existing experimental research groups in the fundamental understanding of photonic processes in renewable energy materials and devices, for example, multiple exciton generation and up-conversion processes, plasmonic coupling, and light scattering mechanisms. Candidates with strong interests and expertise in the design and simulation of efficient light harvesting concepts in PV materials and devices are encouraged to apply. There are considerable opportunities to interact with experimentalists in the department having unique optical measurement capabilities for the enhancement of existing thin film PV, the development of the next generation of PV, and in addition, to interact with the leading thin film PV industries in Northwest Ohio.

A PhD degree in physics, chemistry, or a closely related field is required, as well as research experience beyond the PhD. A strong record of external research support is required for the senior position whereas candidates for the other two positions must demonstrate considerable potential for attracting external support. We particularly encourage women and minority candidates to apply. Requests for more information or application packages should be addressed to:

PVIC Faculty Search Committee  
c/o Dr. Nina McClelland, Interim Dean  
School of Solar and Advanced Renewable Energy  
The University of Toledo  
2801 W. Bancroft Street, Mail Stop 906  
Toledo, OH 43606  
419-530-7842  
[nina.mcclelland@utoledo.edu](mailto:nina.mcclelland@utoledo.edu)

In the application package, the applicant should state the position of interest and include a CV; research and teaching statements; and the names, addresses, and phone numbers of at least three references. Consideration of applications will be after **November 30, 2009**, and will continue until the positions are filled.

The University of Toledo is an Equal Access, Equal Opportunity, Affirmative Action Employer and Educator.

Positions Available



**TENURE/TENURE-TRACK POSITIONS**

**Alternative Energy Cluster**



The University of Utah expects to make several tenured/tenure-track appointments this year in the area of alternative energy. Both senior and junior level positions are available, with corresponding appointments in one or more science/engineering departments. Senior candidates should have successful, funded scholarly research programs, as well as an interest in team building and technology commercialization, and a commitment to excellent teaching. Junior candidates will be evaluated on their potential to develop along these lines. Research areas of interest broadly relate to production, conversion, storage, and use of alternative energy, including topics such as catalysis for energy, photovoltaics, batteries, and fuel cells.

These positions are part of the Utah Science, Technology and Research Initiative (USTAR), which was funded by the Utah State Legislature to attract focused teams of outstanding researchers who have the potential to help build major research programs, creating new technology that can ultimately lead to commercial products and/or new industries for Utah. Information about the USTAR initiative and past hires can be found at [www.ustar.utah.edu](http://www.ustar.utah.edu). The University of Utah has substantial DOE, NSF, DOD, and industry-funded energy research, thus there are many opportunities for collaborations with existing faculty. In addition, it is anticipated that the Alternative Energy Cluster will hire additional faculty in coming years.

The University of Utah is located in Salt Lake City, the hub of a large metropolitan area with excellent cultural facilities and unsurpassed opportunities for outdoor recreation.

Senior Applicants should send an application letter with detailed vita. Junior applicants should, in addition, send a description of proposed research, and arrange for three letters of recommendation to be sent directly to [AltEnergy@utah.edu](mailto:AltEnergy@utah.edu) in PDF format. Review of applications will begin immediately, and continue until suitable candidates are identified.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. The University of Utah is an AA/EEO employer, strongly encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.



**CHAIR**  
Materials Science and  
Testing of Polymers  
The University of Leoben  
Austria

A tenure position for the Chair of Materials Science and Testing of Polymers is vacant at the University of Leoben (full time employment).

The successful candidate is expected to lead the teaching and research activities in the field of materials science and testing of plastics within the study course Polymer Engineering and Science, and must have a proven background in the physics and mechanics of polymers. The willingness and ability to cooperate with other research groups and with industrial companies are expected.

Requirements for the appointment as professor are an internationally recognized degree and doctorate in the field. Additional prerequisites are a habilitation or an equivalent research qualification, industrial practice or experience in co-operations with industry, management skills, integration in international networks, didactic and pedagogic abilities, as well as fluency in German and English.

Candidates are expected to submit their application with all supporting documents and copies of the most important five publications. The application should be submitted fivefold (CD-ROM) before **November 30, 2009** to Professor Wolfhard Wegscheider, Rector, University of Leoben, Franz-Josef-Strasse 18, A-8700 Leoben, Austria.

For further information please contact the chairman of the Search Committee, Prof. Albert Kneissl, by phone at +43 3842 402 4250; fax at +43 3842 402 4252; e-mail at [kneissl@unileoben.ac.at](mailto:kneissl@unileoben.ac.at), or visit the Web site at [www.unileoben.ac.at](http://www.unileoben.ac.at).

*The University of Leoben is an equal opportunity employer and women are particularly encouraged to apply for this position.*

**POSTDOCTORAL RESEARCH ASSOCIATE  
Institute for Shock Physics  
Washington State University**

The Institute for Shock Physics' (ISP) Applied Sciences Laboratory (ASL) at Washington State University has an immediate opening for a postdoctoral research associate to fabricate and characterize PLZT ceramics. For more information and application procedures, please see <http://www.asl.wsu.edu/site/careers.html>.

EEO/AA/ADA

**2009 MRS Fall Meeting Career Center**



**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.

- Review open positions tailored to the materials research industry
- Interview with prospective employers
- Visit on-site recruitment booths and network with technical staff

**Hynes Convention Center • Exhibit Hall (Level 2)**

Monday, November 30 (registration only)..... 1:00 pm – 4:00 pm  
 Tuesday, December 1 ..... 11:00 am – 5:30 pm  
 Wednesday, December 2..... 11:00 am – 5:30 pm  
 Thursday, December 3 ..... 10:00 am – 1:30 pm

For additional information, visit [www.mrs.org/f09\\_cc](http://www.mrs.org/f09_cc)