Positions Available

ASSISTANT, ASSOCIATE OR SENIOR RESEARCH SCIENTIST OR RESEARCH PROFESSOR
NIST-AARA Fellowship Program

The National Institute of Standards and Technology's American Recovery and Reinvestment Act Measurement Science and Engineering Fellowship Program invites applications for research Senior Fellowships in measurement science and engineering. Candidates will be career researchers from government, academia, industry, or sabbatical researchers from U.S. institutions, and will work collaboratively in existing programs at: NIST headquarters in Gaithersburg, Maryland; Hollings Marine Laboratory in Charleston, South Carolina; NIST labs in Boulder, Colorado; or JILA, Boulder, Colorado. Six-month to one-year positions are available, but timing is negotiable. **Please view the full job posting and requested application materials at www.nistfellows.umd.edu**.

A PhD degree in Biology, Biochemistry, Bioengineering, Bioinformatics, Biophysics, Cell Biology, Molecular Biology, Chemistry, Chemical Engineering, Computer Science, Electrical Engineering, Fire Protection Engineering, Mechanical Engineering, Structural Engineering, Materials Science, Mathematics, Physics, or allied fields. At least two years of post-PhD research experience.

Applicants should identify the NIST research areas of interest directly, using the descriptions found at www.nist.gov. Application materials should be e-mailed to umcp-nist@umd.edu (Maryland and South Carolina); for Colorado positions, applicants should complete web form at http://innovation.colorado.edu/competitions/nist_arra/application.php.

Selection will continue on an ongoing basis until all positions are filled. Salary commensurate with qualifications and experience.

UF UNIVERSITY of FLORIDA

FACULTY POSITIONS
Nano and Micro Technology

The University of Florida, College of Engineering has openings for faculty working on multidisciplinary problems in **Nano and Micro Technology**.

As part of a broad effort to hire 20 new tenure-track or tenured faculty across all ranks within the College, we seek candidates with expertise in Nano/Micro Technology, with an emphasis on:

- Personalized Medicine/Point-of-Care Engineering using Nano/Microtechnology
- Sensors for Pathogen Detection—diseases, toxins, and bio-threats
- Sensors for Smart Infrastructure in environment and energy

More details on these areas can be found at http://engnet.ufl.edu/strategicplans/. Click on Nano/Micro Technology.

A doctoral degree in engineering, physics, chemistry, computer science, or related field is required. The college of engineering has eleven Departments, and we will work with you to identify the best home Department for your background and interests.

Please go to **http://www.eng.ufl.edu** for more information. A link to our electronic application can be found at this site—look for "Strategic Plans Apply Now." The review of applications began on July 16, and will continue until the positions are filled.

The University of Florida is an equal employment opportunity employer. Women, minorities and individuals with disabilities, and veterans are encouraged to apply. The "government in the sunshine" laws of Florida apply to all applicants.

Sandia National Laboratories

A Department of Energy National Laboratory

HARRY S. TRUMAN RESEARCH FELLOWSHIP
National Security Science and Engineering

Sandia National Laboratories is one of the country's largest research facilities employing nearly 8,500 people at major facilities in Albuquerque, New Mexico and Livermore, California. Please visit our website at www.sandia.gov.

We are searching for outstanding PhD candidates to apply for the Harry S. Truman Research Fellowship in National Security Science and Engineering. This initial one-year appointment may be extended, at management's discretion, for two additional one-year appointments. The salary is $110,800 per year. This position requires a United States Department of Energy security clearance, which requires United States citizenship.

The Truman Fellowship provides the opportunity for recipients to pursue independent research of their choosing that supports Sandia's national security mission. Candidates are expected to have solved a major scientific or engineering problem in their thesis work or will have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

Candidates must have a PhD degree within the past 3 years, or will complete all PhD requirements by commencement of appointment, with a broad-based background and extensive knowledge of research in one or more of the following areas: advanced computing, information systems, and mathematics; cyber security; bioscience and technology; combustion, chemical and earth sciences; engineering sciences; geosciences; intelligent systems; materials science and technology; microelectronics and microsystems; nano sciences and technology; nuclear and alternative energy; pulsed power and directed energy; and remote sensing and satellite systems. Candidates must be seeking their first national laboratory appointment (pre postdoc internships excluded), have excellent academic (minimum 3.5 undergraduate and 3.7 graduate GPA preferred) and research qualifications, good communication skills, and enjoy working in a team-oriented, dynamic environment.

For complete application instructions, please visit **www.sandia.gov/careers/fellowships.html#truman**.

Please submit the complete package to:

Roberta Rivera
Sandia National Laboratories
P.O. Box 5800, MS 1497
Albuquerque, New Mexico 87185-1497
E-mail: **rjriver@sandia.gov**
Fax: 505-284-5950

Please reference **Job #635052**. All materials must be received by **December 5, 2010**.

U.S. Citizenship Normally Required. Equal Opportunity Employer. M/F/D/V.

LOCKHEED MARTIN

Positions Available

RUTGERS
THE STATE UNIVERSITY OF NEW JERSEY

SENIOR FACULTY POSITION
Laboratory for Surface Modification

The Laboratory for Surface Modification (LSM) at Rutgers University, a world-class research center focused on interdisciplinary research in the basic science and technology of interfaces, nanostructures, and surfaces, seeks an experimental scientist with exceptional credentials for a tenured faculty appointment at the full professor level. The appointment may be in the Department of Physics, Chemistry, Materials Science, Electrical Engineering, BioMedical Engineering, or may be a joint appointment.

The successful candidate will have an outstanding record of achievement in science and/or technology, and is expected to establish a world-class research program at Rutgers and interact with industry. Submit applications electronically (preferred) to **lsm_search@physics.rutgers.edu**, or to LSM Search Committee, Rutgers University, 136 Frelinghuysen Road, Piscataway, NJ 08854. Additional details may be found at www.lsm.rutgers.edu.

Rutgers, the State University of New Jersey, is an Equal Opportunity Employer which encourages applications from underrepresented groups

Argonne
NATIONAL LABORATORY

Argonne National Laboratory seeks applications from highly qualified candidates for the position of Associate Laboratory Director----Physical Sciences and Engineering (ALD-PSE). Argonne is one of the preeminent multidisciplinary research facilities in the country located about 25 miles southwest of Chicago and is operated by UChicago Argonne, LLC for the U.S. Department of Energy's Office of Science. The ALD-PSE is an executive position that reports to the Laboratory Director and provides leadership for research programs annually funded at ~$150M in five divisions: Center for Nanoscale Materials, Chemical Sciences and Engineering, High Energy Physics, Materials Science, and Physics. Major initiatives under the direction of PSE include Alternative Energy and Efficiency, Energy Storage, and Materials and Molecular Design and Discovery.

The ALD-PSE will: (1) provide primary basic science vision, identify new research opportunities, and be a force for the integration of basic and applied science and engineering throughout the laboratory; (2) be a leading interface with the U.S. Department of Energy and UChicago Argonne LLC for mission-based science issues; (3) act as a member of Argonne's senior management team in setting strategic goals and in developing collaborations among stakeholders, scientific, academic and industrial entities to achieve those goals.

The successful candidate should have an internationally recognized research stature in one of the disciplines within PSE and experience in managing large interdisciplinary science programs in a creative and collegial environment.

Argonne offers an excellent compensation and benefits package. For more information and to apply, see job # 316179 at www.anl.gov/jobs. For full consideration, apply promptly.

Argonne National Laboratory is a multi-program laboratory managed by UChicago Argonne, LLC for the U.S. Department of Energy. We are an equal opportunity employer and value diversity in our workforce. For additional information about Argonne, visit us online at www.anl.gov.

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

NC STATE UNIVERSITY

DIRECTOR OF UNDERGRADUATE PROGRAMS

The Department of Materials Science and Engineering (MSE) at North Carolina State University is seeking applications for a Director of Undergraduate Programs.

The position requires a Ph.D. in Materials Science and Engineering or related field.

Responsible for undergraduate recruiting, coordinating Departmental Open House, coordination and participation in K-12 outreach (9-12) & Materials Camps, aggressively manage the current 3+2 program(s), manage departmental undergraduate scholarships & awards, undergraduate advising, coordinate departmental classroom request, some freshman/sophomore level classroom teaching, as well as work with tenure/tenure-track faculty regarding ABET throughout the accreditation cycle.

All applications should be submitted electronically via
https://jobs.ncsu.edu/applicants/Central?quickFind=87070

AA/EOE. In addition, NC State University welcomes all persons without regard to sexual orientation.

NANYANG TECHNOLOGICAL UNIVERSITY

Assistant / Associate / Full Professor in School of Chemical and Biomedical Engineering

The chemical and biomedical sectors are the second and third largest manufacturing sectors in Singapore respectively. In response to the increasing importance of their contribution to Singapore's future economic growth and manufacturing output, Nanyang Technological University (NTU) has recently established the School of Chemical and Biomedical Engineering. The School hosts two Divisions: (a) the Division of Chemical and Biomolecular Engineering which offers degree programs in core chemical engineering disciplines with research emphasis on catalysis/ nanosupport, pharmaceutical engineering, regenerative medicine, engineering biology, fundamental chemical engineering and process systems modelling/design and (b) the Division of Bioengineering which offers biomedical-related degree programs with emphasis on devices (biomedical), physiology, systems biology and nanomedicine relevant to the healthcare and medical industry.

The School of Chemical and Biomedical Engineering attracts top undergraduate students in Singapore and is well-funded. It is well-equipped with state-of-the-art equipment in materials characterization, separation process and tissue engineering. Successful applicants can look forward to a research-stimulating environment and interaction with some of the best undergraduates and postgraduates students in Singapore and Asia. More information can be found at **www.ntu.edu.sg/scbe/**.

The School invites applications for Assistant or Associate or Full Professor level in various areas of chemical and biomedical engineering.

Requirements
School of Chemical & Biomedical Engineering at NTU invites applications for tenure-track faculty appointments at the Assistant, Associate, or Full Professor level in the areas of Printed Electronics, Synthetic Biology, Pharmaceutical Engineering, Nanotechnology, Fundamental Chemical Engineering, Biomechanics, Microfluidics. Candidates should have a Ph.D. in relevant disciplines from reputable universities and a track record of excellent publications, and preferably with postdoctoral research experience.

Successful applicants will be offered attractive remuneration packages. Details on the benefits provided and the terms and conditions of service may be obtained from **http://www.ntu.edu.sg/ohr/Career/terms/Pages/default.aspx**

To apply, please submit an application form (which can be downloaded from **http://www.ntu.edu.sg/ohr/Career/SubmitApplications/Pages/default.aspx**) or send detailed curriculum vitae which should include your area of research interest, list of publications and the names, postal and email addresses of three referees. Applications should be sent to:

School of Chemical and Biomedical Engineering
Nanyang Technological University
Block N1.2-1-10, 62 Nanyang Drive, Singapore 637722
Telefax: (65) 67949220, Email: scbe_recruit@ntu.edu.sg

Positions Available

THE UNIVERSITY OF TOLEDO

FACULTY POSITIONS
Photovoltaics

The Department of Physics and Astronomy at the University of Toledo (UT) invites applications for three faculty positions (**one Endowed Chair and two Junior positions**) to begin August 2010. One position, the Ohio Research Scholar Endowed Chair in Photovoltaics (PV), may be connected to one or both of the Junior Positions if appropriate, although this is not required.

The successful applicants are expected to participate in a broad statewide initiative in PV as members of the Wright Center for Photovoltaics Innovation and Commercialization (www.pvic.org). Joint appointments in other departments/colleges and in UT's School of Solar and Advanced Renewal Energy are likely, and some teaching at the undergraduate and graduate level will be expected as well. Candidates are sought with exceptional experience and qualifications in any area(s) of PV. Successful candidates will desire to collaborate broadly with university colleagues and industrial partners on PV science and technology and plan to establish world-class infrastructure and capabilities to fabricate and/or analyze PV materials, interfaces, and/or device structures. They will also be expected to involve graduate and undergraduate students in their research program.

The Ohio Research Scholar Endowed Chair and the Junior positions will be supported by significant start-up packages with funds from the Ohio Department of Development and the University. These positions are part of an ongoing effort by the State of Ohio and the University of Toledo to maintain and grow Photovoltaics excellence and leadership in Northwest Ohio.

A PhD degree in Physics, Chemistry, Materials Science, or a closely related field is required, as well as research experience beyond the PhD. A strong track 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 (an existing track record is a plus). We encourage women and minority candidates to apply.

Requests for more information and application packages should be sent by email to **pvic_hiring@utoledo.edu**, or mail to Physics Search, Department of Physics and Astronomy, Mailstop 111, 2801 W. Bancroft Street, Toledo, OH 43606-3390.

The application package (one pdf document) should include a cover letter stating the position(s) of interest, a CV, a research plan (3 pages max), a teaching statement (1 page max), and the names and contact information of at least three references who have been requested to submit letters on behalf of the applicant. Individual applications will begin to be reviewed as soon as complete, including the receipt of three reference letters. Consideration of applications will begin on June 15, 2010 and continue until the positions are filled.

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

ASSISTANT PROFESSOR

Interdisciplinary Science and Engineering Disciplines

Faculty members that join UA as part of the cluster hire will collaborate with faculty in the University of Alabama, Center for Materials for Information Technology (MINT). They will participate in interdisciplinary research within a culture of collaboration, shared goals and resources, and mutual support and challenge. They will be expected to establish a robust externally funded research program. They will be expected to teach and perform the duties of a faculty member in one of the MINT affiliated departments. Applicants should have a commitment to interdisciplinary research in materials. A Ph.D. degree in physics, chemistry, materials science, metallurgy, chemical engineering, electrical engineering, applied mathematics or a closely related discipline is required. Successful candidates will be appointed to tenure track positions in one of the participating departments and will be expected to teach and perform the duties of a faculty member in the department. Expertise is especially desired in the field of nano/atomic scale characterization, nano-structured and nano-composites fabrication, nano-device fabrication, computer-aided materials design and theory. Application areas of interest include (but are not limited to) energy storage and sensors.

Applicants should apply online at: **https://facultyjobs.ua.edu** to Requisition Number 0803403. Please provide curriculum vitae, three letters of reference, teaching philosophy and research interests in the other documents section. Review of applications will begin as early as July 1, 2010, and will continue until the positions are filled.

The University of Alabama is an Equal Opportunity Affirmative Action Employer. Women and minorities are encouraged to apply.

touching lives
THE UNIVERSITY OF ALABAMA

GRADUATE RESEARCH ASSISTANT
NIST-AARA Fellowship Program

The National Institute of Standards and Technology's American Recovery and Reinvestment Act Measurement Science and Engineering Fellowship Program invites applications for research Graduate Fellowships in measurement science and engineering **Please view the full job posting and requested application materials at www.nistfellows.umd.edu**.

Successful candidates should have a BS degree in Biology, Biochemistry, Bioengineering, Bioinformatics, Biophysics, Cell Biology, Molecular Biology, Chemistry, Chemical Engineering, Computer Science, Electrical Engineering, Fire Protection Engineering, Mechanical Engineering, Structural Engineering, Materials Science, Mathematics, Physics, or allied fields. Demonstrated research and communication skills and the ability to work on an interdisciplinary team are required.

Potential applicants should identify the NIST research areas of greatest interest directly, using the University of Maryland NIST-ARRA page at www.nistfellows.umd.edu. For Maryland and South Carolina positions, applicants should complete the web form at www.nistfellows.umd.edu/HowToApply, and email CVs, statements of research interest, and references to umcp-nist@umd.edu; for Colorado positions, applicants should complete the web form at http://innovation.colorado.edu/competitions/nist_arra/application.php.

Selection will continue on an ongoing basis until all positions are filled. Starting salary: $30K/year, or the appropriate graduate assistant level at fellow's home institution.

Positions Available

UF | UNIVERSITY of FLORIDA

FACULTY POSITIONS
Computational Science and Engineering

The University of Florida, College of Engineering has openings for faculty working on multidisciplinary problems in **Computational Science and Engineering**.

As part of a broad effort to hire 20 new tenure-track or tenured faculty across all ranks within the College, we seek candidates with expertise in Computational Science and Engineering, with an emphasis on:

- Predictive aspects of simulation, including uncertainty and risk determination
- Large and exascale computing
- Bridging computational life sciences and engineering

A doctoral degree in engineering, physics, chemistry, computer science, or related field is required. The college of engineering has eleven Departments, and we will work with you to identify the best home Department for your background and interests.

Please go to **http://www.eng.ufl.edu** for more information. A link to our electronic application can be found at this site—look for "Strategic Plans Apply Now." The review of applications began on July 16, and will continue until the positions are filled.

The University of Florida is an equal employment opportunity employer. Women, minorities and individuals with disabilities, and veterans are encouraged to apply. The "government in the sunshine" laws of Florida apply to all applicants.

LEHIGH UNIVERSITY

FACULTY POSITION
Materials for Energy-Related Applications
Department of Materials Science & Engineering

Lehigh University seeks to fill a tenure-track position at the Assistant/Associate Professor level in Materials Science and Engineering. The department is searching for an outstanding individual who can establish a high quality research program and related facilities in an area of materials that is integral to energy related applications. Issues related to energy supply, economies, and consumption have been identified as a 'grand challenge area' in Lehigh's strategic plan, and this position is a part of a university-wide hiring plan spanning these topics.

A PhD degree in Materials Science and Engineering or a related field 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 Science and Engineering curriculum. A strong desire to perform interdisciplinary research and a willingness to collaborate across departmental boundaries is essential, with likely synergies to be found in the Center for Advanced Materials and Nanotechnology, the Energy Research Center, the ATLSS Center (Advanced Technology for Large Structural Systems), the International Materials Institute for New Functionality in Glasses, and the Center for Optical Technologies.

Please submit a CV by **September 30, 2010** that includes a research statement describing a minimum of two externally fundable research programs (3-6 pages), a description of teaching philosophy at the undergraduate and graduate levels (1-2 pages), and contact information for at least three references 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.

UNIVERSITY OF MINNESOTA

FACULTY POSITION
Materials Science and Engineering

The Department of Chemical Engineering and Materials Science at the University of Minnesota seeks to fill a faculty position in Materials Science and Engineering at the Assistant (tenure-track), Associate, or Full Professor level. The Department will consider outstanding candidates in any area of **experimental Materials Science**. Applications in hard materials (e.g., electronic, photonic, magnetic, or energy materials), are particularly welcome. Assistant Professor candidates should have a strong academic record (including a PhD degree), outstanding potential to establish an independent research program, and a commitment to teaching in a highly interdisciplinary environment. Associate and Full Professor candidates should have a distinguished academic record, similar commitment to teaching, and several years of teaching and/or research experience.

Applications should be submitted on-line, and consist of a CV (including a list of publications), a research plan, a teaching plan, and a list of three references with contact information. Submit applications at **https://employment.umn.edu/hr**. Search for requisition number 166820. Information on the Department is available at www.cems.umn.edu. Review of the applications will begin in September 2010 and continue until the position is filled. The successful candidate will be in place in 2011.

The University of Minnesota is an equal opportunity educator and employer.

JOINT POSTDOCTORAL FELLOWSHIP
Nanofiber Synthesis
KAIST–Caltech

A postdoctoral position (2-3 years) in nanofiber synthesis is available immediately at the Graduate School of Energy, Environment, Water and Sustainability (EEWS) at the Korea Advanced Institute of Science and Technology (KAIST) (http://eewseng.kaist.ac.kr/eews_faculty/faculty.php). We are looking for a candidate to work on a collaborative project between KAIST and the California Institute of Technology (Caltech) involving the synthesis and characterization of polymeric nanofibers for EEWS applications.

The candidate should have a strong background and experience in the synthesis of polymeric nanofibers by electrospinning. Expertise in the synthesis, characterization, and functionalization of porous nanofibers, core-shell nanofibers, or hollow nanofibers is required. The salary and benefits are competitive and commensurate with experience. In addition, KAIST and Caltech have outstanding facilities for interdisciplinary research in nanotechnology and will provide the candidate with an excellent opportunity to gain broad experience and exposure within the materials science community.

Interested candidates should send by e-mail a cover letter and curriculum vitae with a list of relevant publications and the names of three references to Prof. Mamadou Diallo (KAIST) at **mdiallo@kaist.ac.kr** and **diallo@wag.caltech.edu**, and Prof. William A. Goddard III (Caltech and KAIST) at **wag@wag.caltech.edu**.

Positions Available

POSTDOCTORAL RESEARCH ASSOCIATE
PRISM Imaging and Analysis Center
Princeton University

The PRISM Imaging and Analysis Center at Princeton University has an immediate opening for a full-time postdoctoral research associate. The candidate must have a recent PhD degree in a materials science and engineering-related discipline and proven record in studies of the structure-composition-processing-property relationship in complex materials. Responsibilities will involve supporting the materials research and education activities relating to the micro/nano scale instrumentation (SEM/TEM, FIB, AFM, XRD, EDS/WDS, sample preparation, etc).

For more information about the position or to apply, please visit **http://jobs.princeton.edu/hr**, Job Code: 1000444.

Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations.

POSTDOCTORAL RESEARCH ASSOCIATE
NIST-AARA Fellowship Program

The National Institute of Standards and Technology's American Recovery and Reinvestment Act Measurement Science and Engineering Fellowship Program invites applications for research Postdoctoral Fellowships in measurement science and engineering. **Please view the full job posting and requested application materials at www.nistfellows.umd.edu**.

A PhD degree in Biology, Biochemistry, Bioengineering, Bioinformatics, Biophysics, Cell Biology, Molecular Biology, Chemistry, Chemical Engineering, Computer Science, Electrical Engineering, Fire Protection Engineering, Mechanical Engineering, Structural Engineering, Materials Science, Mathematics, Physics, or allied fields. PhD degree earned within the past four years. Demonstrated research and communication skills and the ability to work on an interdisciplinary team are required.

Applicants should identify the NIST research areas of greatest interest directly, using the University of Maryland NIST-ARRA page at www.nistfellows.umd.edu. Application materials should be e-mailed to umcp-nist@umd.edu (Maryland and South Carolina); for Colorado positions, applicants should complete web form at http://innovation.colorado.edu/competitions/nist_arra/application.php.

Selection will continue on an ongoing basis until all positions are filled. Salary commensurate with qualifications and experience.

FACULTY SEARCH
Materials Science, Engineering, and Commercialization
Posting #2011-14

TEXAS STATE UNIVERSITY SAN MARCOS
The rising STAR of Texas

Texas State University is aggressively developing a new interdisciplinary Materials Science, Engineering, and Commercialization Program based on collaborations among the Departments of Biology, Chemistry & Biochemistry, Engineering Technology, and the Ingram School of Engineering and Physics. We invite applications for an open position to be immediately filled by an outstanding candidate with active and internationally recognized interdisciplinary research efforts in advanced materials for emerging technologies in biomaterials, biosensing, new epitaxial materials, nanocomposites and polymers, and energy harvesting. Other areas will be considered as well. Rank, tenure status, and home department are negotiable based on qualifications. The successful applicant will establish a vigorous externally funded research program, supervise graduate students, collaborate with other faculty, and be committed to teaching at the undergraduate and graduate levels. We have received a State of Texas Emerging Technology Fund Research Superiority Acquisition Award that provides a highly competitive salary and start-up package. In accordance with the guidelines of this award, preference will be given to candidates from outside the state of Texas whose research efforts have a high likelihood of supporting technology transfer and commercialization.

Texas State is a doctoral-granting university located in the burgeoning Austin-San Antonio corridor, the largest campus in The Texas State University System, and among the largest in the state. Texas State's 30,000 students choose from 109 undergraduate and 88 master's and 8 doctoral programs offered by eight colleges. Additional information about Texas State and its nationally recognized academic programs is available at http://www.txstate.edu.

Qualifications: Applicants will hold an earned doctoral degree and possess a record of intellectual and academic accomplishments in the described areas that will qualify her or him for appointment at the appropriate level in the appropriate academic department. Other required qualifications include a strong record of funded research, and a strong record of scholastic achievement. Industrial or commercialization experience is highly desired.

Application: Review will begin immediately and continue until the position is filled. To ensure full consideration, submit the following as soon as possible: Faculty application (http://facultyrecords.provost.txstate.edu/faculty-employment/application.html) and accompanying materials which include: a letter of intent; vita; statements of the proposed research program, a potential commercialization strategy, and your teaching philosophy; and list of five references to: **etfmsec@txstate.edu**.

Texas State encourages recruitment and selection of employees without regard to race, color, religion, sex, age, or national origin, and we are committed to increasing the number of women and minorities in administrative and professional positions.

McMaster University

FACULTY POSITION
Department of Engineering Physics

The Faculty of Engineering at McMaster University invites applications for a tenure-track faculty position in Engineering Physics. The appointment is intended to be at the Assistant or Associate Professor level. The applicant should have expertise and interest in **photonic, optoelectronic, or photovoltaic device engineering**. The department has many active research projects spanning such topics as biophotonics, electro-optic systems, nanostructured and nonlinear optical materials, nano- and micro-devices, silicon photonics, solar photovoltaics, and III-V materials and devices. There will be opportunities to capitalize on existing infrastructure at the university including the facilities of the Centre for Emerging Device Technologies (CEDT), the Brockhouse Institute for Materials Research (BIMR), and the Canadian Centre for Electron Microscopy (CCEM). In addition, within the past year faculty members in our department have been successful with major initiatives in photovoltaics, nuclear materials, and positron physics, funded through the Canada Foundation for Innovation and the Ontario Research Fund, adding very significantly to McMaster University's infrastructure supporting R&D in advanced materials.

Applicants must have earned a PhD degree in Engineering Physics, Physics, Applied Physics, or a closely related discipline. The successful applicant will be expected to develop an effective, externally funded research program and demonstrate a strong commitment to teaching and curriculum development at both the undergraduate and graduate levels. The Faculty expects the successful candidate to become registered as a Professional Engineer in the Province of Ontario.

Interested applicants should send a letter of application, curriculum vitae, statements of teaching and research interests, a selection of four research publications, and the names and addresses of at least three references to:

Department Chair; Department of Engineering Physics
McMaster University; 1280 Main St. West; Hamilton, Ontario L8S 4L7; Canada

This position is available as of **January 1, 2011** and will remain open until the position is filled. Applications by e-mail will not be accepted.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be considered first for these positions. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal peoples, members of sexual minorities, and persons with disabilities.