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Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US and non-US law. Since we are an international journal, you may see ads from non-US countries that request applications from specific demographic groups. Since US law does not apply to other countries we try to accommodate recruiting practices of other countries. However, we encourage our readers to alert us to any ads that feel they are discriminatory or offensive.

Science Careers

From the journal Science

MATERIALS ENGINEER
U.S. Army Research Office
Research Triangle Park, North Carolina

Applications are being solicited for a Materials Engineer, DB-0806-03 (equivalent to the GS-12/13 grade level), $67,416 to $104,223 per annum, or a Materials Engineer, E-56 (equivalent to the GS-14/15 grade level), $94,733 to $144,868 per annum. Salary within the ranges above includes a locality adjustment and depends upon individual qualifications and salary history. The position is located at the U.S. Army Research Office in Research Triangle Park, North Carolina. The incumbent creates, directs, and manages a leading extramural basic research program (experimental and theoretical) in materials science, focusing on the physical properties of materials and fostering scientific achievements relevant to future Army systems. Expertise is required in the areas of electronic, optical, magnetic, and actuator materials. Duties include: initiating new research projects in response to Army needs; stimulating proposals to respond to those needs; analyzing and evaluating proposals; communicating with grantees and contractors; reviewing and analyzing research reports and insuring their effective distribution; stimulating technology transfer to both Army and civilian users; evaluating grantee and contractor performance; disseminating program policies and research results; maintaining awareness of Army in-house R&D programs; developing and presenting briefings and research summaries that highlight projects, objectives, progress, accomplishments, and emerging opportunity areas within materials science to Army leadership and the scientific community; initiating and carrying out workshops, conferences, and symposia addressing emerging materials research initiatives; and serving as the principal Army advocate and representative for basic research activities and needs in physical properties of materials. In order to maintain scientific currency, the incumbent may perform research at a local university for up to one day per week. Travel up to 25 percent of the time may be required. Outstanding verbal and written skills are required. Applicants must show successful completion of a full four-year course of study in an accredited college or university leading to a Bachelor’s or higher degree in materials science, or a combination of education and experience equal to a GS-12/13 level position in the federal government. An advanced degree at the Ph.D. level preferred. Experience must have been in or related to the work of the position and have equipped the applicant with the knowledge, skills, and abilities to successfully perform the duties of the position.

Applicants must be U.S. citizens, be able to obtain a secret clearance, and comply with provisions of the Ethics in Government Act. Interested individuals must apply electronically following instructions at website: http://www.usajobs.opm.gov or at website: http://www.epol.army.mil. Vacancy announcement NEC08198679 and NEC08198679D for the DB03 and NEC08199486 and NEC08199486D for the DB04.

Opening date is January 20, 2009, and closing date will be February 19, 2009. If you have questions, please contact Mrs. Paula Valdez, telephone: 301-394-2109.

POSTDOCTORAL POSITIONS, development and application of HOX protein small molecule antagonists. Two positions are available to characterize the developmental and biochemical functions of the newly identified HOXAI3 small molecule antagonists (Ng et al., Angew. Chem. Int. Ed. Engl. 46(28):5352-5, 2007). Applicants should have expertise in one or more of the following areas: tumor vascularization, aortic ring culture, quantitative real time polymerase chain reaction, in vitro expression assays, and in vivo tumor assays. Curriculum vitae, samples of first-author publications, and the names of three references should be mailed or e-mailed to: H. Scott Stadler, Ph.D., Shriners Hospital for Children, Mail Code SHC-Research, 3101 SW Sam Jackson Park Road, Portland, OR 97239 or e-mail: hss@shc.org.

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POSTDOCTORAL FELLOWSHIPS

The Division of Immunology at the New England Primate Research Center, Harvard Medical School, is currently seeking Postdoctoral Fellows to study mechanisms of protective immunity induced by live attenuated Simian Immunodeficiency Virus (SIV). Applicants must have strong research background in cellular and humoral immunity related to SIV or HIV. Expertise in polychromat flow cytometry or molecular biology is highly desired. Interested applicants should send a cover letter, curriculum vitae, a statement of research and career interests; and three references, addresses, and telephone numbers of three references to: R. Paul Johnson, M.D., Director, Division of Immunology, New England Primate Research Center, Harvard Medical School, Southborough Campus, P.O. Box 9102, Southborough, MA 01772 (e-mail: pauljohnson@lms.harvard.edu). The New England Primate Research Center, Harvard Medical School, is an Affirmative Action, Equal Opportunity Employer.

TENURE-TRACK POSITIONS: CANCER BIOLOGY
Florida State University College of Medicine

The Department of Biomedical Sciences in the Florida State University College of Medicine invites applications for nine-month tenure-track faculty positions at the rank of ASSISTANT OR ASSOCIATE PROFESSOR. Successful candidates will use genetic, molecular and/or proteomic approaches to address fundamental questions in cancer biology. Appointees will be expected to develop and sustain extramurally supported research and participate in medical and graduate education. The environment for collaborative and interdisciplinary research is outstanding. Applicants should submit a letter of application, detailed curriculum vitae, an overview of future research plans, a statement of teaching philosophy, and a list of references in a single PDF file to e-mail: biomedfacul tysearch@med.fsu.edu. We will begin review of applications immediately.

The Department of Biomedical Sciences is the basic science research and teaching arm of the College of Medicine. The College of Medicine complex has more than 150,000 square feet of new, state-of-the-art laboratory space, an extensive inventory of common use equipment and core laboratories in proteomics, genomics, confocal microscopy, flow cytometry, and cell culture. See website: http://med.fsu.edu/biomed for more information.

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FIELD CROPS ENTOMOLOGIST
ASSISTANT PROFESSOR

The Panhandle Research and Extension Center at Scottsbluff, Nebraska, and the Department of Entomology at the University of Nebraska, Lincoln, invites outstanding candidates to apply for a 12-month tenure-track faculty position in integrated pest management of insect pests of crops in western Nebraska. Individuals with strong entomological research and extension backgrounds and applied interdisciplinary interests are urged to submit their applications. Visit website: http://entomology.unl.edu for complete job description.

To apply, go to website: http://employment.unl.edu (requisition 081076) and complete the facult ysearch administrative information form. Attach a letter of application and curriculum vitae; and two personal statements, one describing research focus/interest and one describing extension expertise/experience. Applications must be received by January 23, 2009, to Sharon Holman, e-mail: sholman1@unl.edu. For questions about the position contact the Search Co-Chair, Dr. Bob Wilson, 4502 Avenue I, Scottsbluff, NE 69361; telephone: 308-326-1265; e-mail: rwilson1@unl.edu.
Call for Research Proposals
"Ajinomoto Amino Acid Research Program"

Amino acids have a variety of roles in the biological system. Ajinomoto Co., Inc., which is commanding 50% share of amino acids worldwide, is interested in supporting innovative research focusing on the biological aspects of amino acids, such as nutritional, physiological and/or pharmacological functions and properties.

Research proposals for the "Ajinomoto Amino Acid Research Program (3ARP)" are invited for the following support categories:

- **Exploratory Research Grants**: Maximum of $100,000 per year, up to 2 years
- **Young Investigator Research Grants**: Maximum of $100,000 per year, up to 2 years
  
  Investigators who are within 5 years as independent investigators by the deadline of full applications are eligible for young investigator category.

Applicants must submit a pre-application to be received no later than March 31st, 2009; full applications must be received no later than July 15th, 2009.

For more details and instructions:
http://www.3arp.ajinomoto.com
3arp@ajinomoto.com

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**Ajinomoto Co., Inc. is pleased to announce the recipients of the 3ARP grant 2008.**

Ajinomoto Co., Inc. appreciate the interest and participation of a large number of scientists. We received over 140 high-quality proposals from around the world for this program in 2008. After extensive review and deliberation, the following 7 proposals were selected for funding.

**Exploratory Research**

- **Ronald O. Ball / University of Alberta**
  "Dynamic aspects of amino acid metabolism in pregnant sows"

- **John D. Bougher Jr. / University of Tennessee Health Science Center**
  "Central pathways for amino acid taste and preference in mice"

- **Dominique Darmaup / University of Nantes and INRA**
  "Can citrulline enhance fetal and neonatal growth in intra-uterine growth restriction?"

- **Steven D. Munger / University of Maryland**
  "Modulation of umami sensing in the taste and digestive systems"

- **Anthony Sclafani / Brooklyn College of The City University of New York**
  "Flavor conditioning by glutamate in the gut"

**Young Investigator Research**

- **Roger Gutierrez-Juarez / Albert Einstein College of Medicine**
  "Brain sensing of amino acids in the regulation of hepatic glucose production"

- **René Koopman / The University of Melbourne**
  "Citrulline as a pharmaco-nutrient to attenuate muscle wasting"
Join the dynamic editorial team at *Science*. We are seeking a full-time Associate Editor in the biological sciences to work in our Washington, DC, USA or Cambridge, UK office.

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- systems biology
- bioinformatics
- computational or mathematical biology
- organisinal biology (zoology), behavior

Responsibilities include managing the review, selection, and editing of manuscripts, working with authors on revisions, soliciting reviews and special issues, and fostering contacts and communication with the scientific community. Candidates are expected to travel to scientific meetings.

A Ph.D. in a scientific discipline, postdoctoral experience and multiple publications are required, as is the ability to work constructively as a member of a team. Previous editorial experience is not necessary, but evidence of an aptitude for the communication of science would be advantageous.

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**AAAS**  
Attention: Associate Editor, *SCIENCE* (Requisition #1732)  
Human Resources Office, Suite 101  
1200 New York Ave., NW  
Washington, DC 20005  
or, by email, to jobs@aaas.org or, by fax, to 202-682-1630

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### Tenure-track faculty positions in Genomics and Pharmacogenomics

The Washington University School of Medicine is embarking upon a major research initiative centered upon the new Center for Pharmacogenomics in the Department of Medicine. We seek outstanding faculty candidates at the Assistant, Associate, or Full Professor rank to pursue innovative, independent research broadly related to genetic disease modifiers. The Department has committed significant new resources to build excellence in genomics and pharmacogenomics. Center faculty members are highly interactive and fully integrated within basic and clinical sciences at Washington University. Current areas of research include adrenergic pathways in heart failure, transcriptional regulation of apoptosis, gene interactions with warfarin, and cancer progression. Research programs feature strong molecular, cellular, and genetic components with an emphasis on organ and whole animal function.

Candidates should have an M.D., Ph.D., or equivalent degree and three or more years of postdoctoral training. Senior Faculty candidates must have a strong record of outstanding publications and a significant record of NIH funding. Interests in the areas of comparative cancer genomics, molecular profiling and functional genomics of complex diseases, and the genetics of skin diseases are especially welcome. Successful candidates will have innovative and exciting research programs that embrace biological and genetic complexity, and will be able to take advantage of a highly multidisciplinary environment with access to outstanding core facilities and world-class genome sciences.

Interested applicants should submit a CV, three names of references, and a description of interests and proposed research to:

**Kenneth Polonsky, MD and Gerald Dorn II, MD**  
Pharmacogenomics Faculty Search Committee  
Department of Medicine  
Washington University in St. Louis  
660 South Euclid Avenue, Campus Box 8220  
St. Louis, MO 63110

Washington University is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are encouraged to apply.
The Royal Botanic Gardens, Kew, is an internationally recognised and highly successful research institute and visitor attraction, with World Heritage status. We are seeking an exceptional individual to lead and drive Kew's groundbreaking activities in the discipline of restoration ecology. You will address the ecology of the restoration of plant communities and the repair and reconstruction of habitats damaged by human activities or natural phenomena. You will supervise and produce research on aspects of restoration ecology, such as autecology, community ecology, invasion biology, plant population genetics and climate change. Your success in raising funds will secure the future of your growing research team in the first three years. You will create and build strong links with research groups and submit proposals to research councils, government agencies and other funders in the EU and international community.

To succeed in this demanding role, you will need a PhD and experience in a similar role in restoration ecology or a related field. You will have an in-depth knowledge of research methods and specialist background literature, as well as an extensive publication record in high-quality scientific journals or books. Exceptional project and change management skills are essential, as is a proven track record of leadership, team and external stakeholder management and fundraising success for science and conservation projects.

Application packs are available from our website www.kew.org/aboutus/jobs Alternatively, please contact the HR Department, RBG Kew, on 020 8332 5184 or 5150 (24 hour answerphone). Please quote reference 1335. Closing date: 27 March 2009. Interview date: w/c 27 April 2009.

Committed to equality through diversity. Selection is on merit alone.
The Medical Faculty Mannheim, Dept. of Dermatology, Venereology, and Allergy, University of Heidelberg, offers the position of an

Associate Professor (W3) for Clinical and Molecular Dermatology

The successful candidate should have a distinguished record of qualifications in all areas of Clinical and Molecular Dermatology. As an independent principle investigator, the candidate should strengthen basic and translational research in the fields of immunology as well as molecular and cellular biology of chronic inflammatory skin diseases. She/he takes part in the Excellence Center Dermatology Mannheim of the State of Baden-Württemberg. She/he is expected to co-operate with the Section of Experimental Dermatology and with the Clinical Co-Operation Unit Dermato-Oncology of the German Cancer Research Center Heidelberg at the Dept. of Dermatology, Venereology, and Allergy Mannheim. Given the consent of the University Medical Center Mannheim, the successful candidate may be eligible to serve as a consultant in Dermatology at the Dept. of Dermatology, Venereology, and Allergy Mannheim.

The successful candidate should have high ranking, internationally acknowledged academic qualifications commensurate with the rank of an associate professor with life-time tenure including extraor-
dinary clinical and teaching skills, board certification in dermatology/allergy, excellent competence in clinical dermatology and patient care, a distinguished record of original research, administrative experience and an understanding of departmental financing in universities. She/he is furthermore ex-
pected to obtain extramural funding by grant applications to non-university funding institutions. The candidate should be a cooperative personality to actively master the integrative task of participating in developing and implementing the novel medical curriculum of the Faculty. MaleICUM.

The University of Heidelberg is an Equal Opportunity/Affirmative Action Employer.

Interested candidates should submit a full CV with copies of certificates, publication list and selected reprints within 3 weeks of publication of this advertisement to Prof. Dr. h.c. K. van Ackern, Dean of the Medical Faculty Mannheim, University of Heidelberg, University Medical Center Mann-
heim, 68135 Mannheim, Germany.
The International Max Planck Research School (IMPRS) on Neuroscience of Communication: Function, Structure, and Plasticity is based at the Max Planck Institute (MPI) for Human Cognitive and Brain Sciences, Leipzig, and the University of Leipzig (Germany). The IMPRS also involves the MPI for Evolutionary Anthropology, Leipzig, and the Institute of Cognitive Neuroscience at University College London, UK. The graduate programme will start with the Summer Semester 2009 at the University of Leipzig (1 April 2009).

The IMPRS on Neuroscience of Communication: Function, Structure, and Plasticity offers a unique interdisciplinary graduate programme to study the functional, structural, and plastic bases of human communication through an integrative and interdisciplinary approach. Its overriding goal is to train PhD students in multidisciplinary aspects involved in communicative action. Besides behavioural work, the programme draws on elaborate modern imaging techniques, including a 7-Tesla MRI scanner and a 306-channel MEG system.

The school invites applications for PhD scholarships.

Successful candidates will be accepted into one of the following four modules of the school:
(1) Verbal Communication: Language,
(2) Non-verbal Communication: Action and Interaction,
(3) Neuroscience: Basic and Clinical,
(4) Methods: Modern neuroimaging techniques, biophysics, and signal processing.

More information on content, structure, and faculty of the programme can be found at: http://imprs-neurocom.mpg.de.

Requirement for successful candidates for the PhD programme is a Master's (or qualified equivalent) degree in disciplines like computer science, linguistics, neurobiology, neurology, physics, psychiatry, psychology, or related fields from a research-oriented institution of higher education. Candidates near to completion may also submit applications, indicating the expected date of completion. Depending on qualification and background, we may consider applicants with a Bachelor's degree. Further requirements for successful candidates include:
- outstanding academic performance
- excellent oral and written English language skills
- aptitude for original, independent, and creative work
- performed research and published, or submitted for publication, results (desirable)

The application must be supported by a Master's (or qualified equivalent) certificate, school certificate, academic transcripts, a CV, three names and email addresses of academic referees willing to support the candidate's application, and a personal statement explaining the candidate's motivation and reasons for pursuing a PhD at the IMPRS on Neuroscience of Communication: Function, Structure, and Plasticity. Applications should indicate the preferred module into which the candidate wishes to be accepted, and specify the preferred supervisor.

All admitted students receive financial aid in the form of a scholarship for the duration of three years. The language of the IMPRS is English. Visit www.leipzig.de for information on living in Leipzig, Germany, in the heart of Europe.

We seek to increase the number of women in those areas where they are under-represented and therefore explicitly encourage women to apply. We are committed to employing more handicapped individuals and especially encourage them to apply.

For further information and application details, go to http://imprs-neurocom.mpg.de, or contact Dr Antje Holländer, Co-ordinator of the IMPRS, at:
email: imprs@cbas.mpg.de
phone: ++49 (0) 341 9940-2261

Applications are to be submitted in electronic format only until 31 March 2009. We will start assessing applications as of mid-February 2009.

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West Virginia University
School of Medicine

Open Rank Faculty Research Positions

The Department of Pediatrics of the West Virginia University School of Medicine is experiencing considerable expansion and in summer of 2009 will open the WVU Pediatric Research Institute. This new center of excellence will focus on childhood obesity, diabetes and asthma, with emphasis on perinatal exposures that relate to the early origins of disease. Within this context, investigators with interest and expertise in the following areas are particularly encouraged to apply for faculty appointments: 1. Genomics and epigenomics of environmental diseases; 2. Lung development and organogenesis; 3. Stem cell approaches in cardiovascular and respiratory diseases; 4. Pediatric clinical and translational research; and 5. Epidemiology of cardiovascular, respiratory and environmental diseases.

In addition to holding a Ph.D. and/or MD degree, ideal candidates should have outstanding research credentials, keen interest in mentoring graduate students and postdoctoral fellows, genuine desire to participate in collaborative research efforts, and strong motivation for an academic career. Faculty appointed at the Assistant Professor level are expected to achieve NIH funding within 3-4 years. Faculty appointed at the Associate or Full Professor level are expected to have current NIH funding. Starting funds are available from over $12 million in new endowments and will be used primarily to hire research scholars, who along with the existing team of investigators will create an integrated infrastructure where interactions among the varied research teams can be encouraged and supported. Currently, about 60% of the WVU Department of Pediatrics faculty are actively engaged in research using more than 16,500 sq. ft. of space, and grant dollars awarded to pediatric research at WVU has doubled in the past 2 years. The new Institute will occupy a 3-floor classroom and laboratory building on the Health Sciences Campus.

WVU is a comprehensive, land grant, Carnegie-designated Doctoral Research/Extensive public institution, with approximately 22,000 undergraduates plus 5,500 graduate and professional students. If interested, submit curriculum vitae with list of references to the Chair of the Search Committee:

Laura F. Gibson, Ph.D.
Vice-Chair of Research, Department of Pediatrics
c/o Laura Blake, Director, Professional Recruitment
Phone: (304) 293-6135, Fax: (304) 293-0230
Email: blakel@wvuh.com

Additional information about research and graduate education at the WVU Health Sciences Center is available online at
www.hsc.wvu.edu/som/resoff/index.asp

WVU is an AA/EOE Employer. Minorities, persons with disabilities and women are encouraged to apply.
As part of its ongoing expansion, the City of Hope National Medical Center/Beckman Research Institute and Comprehensive Cancer Center invites applications for faculty positions at the Assistant or Associate Professor level in the Division of Hematopoietic Stem Cell and Leukemia Research. The mission of this division is to build a program of excellence in basic and translational hematopoietic stem cell and leukemia biology, and provide an infrastructure to translate novel therapeutic approaches from the laboratory to the clinic (http://www.cityofhope.org/patient_care/treatments/HCT/hematopoietic-stem-cell-transplantation/Pages/default.aspx). Potential areas of research emphasis include, but are not limited to, mechanisms of self-renewal and differentiation of normal and leukemic stem cells, identification of key molecular mechanisms of transformation; preclinical studies of molecular targets; studies of development of hematopoietic cells from pluripotent cells, and hematopoietic stem cell-based therapeutics. This program will complement and support our outstanding clinical Hematopoietic Malignancies and Hematopoietic Cell Transplantation Program.

Successful candidates will have a faculty appointment in the Beckman Research Institute and also be appointed to City of Hope’s NCI-designated Comprehensive Cancer Center. Generous start-up packages will be available. Applicants will also participate in the Graduate School of Biological Sciences. The Beckman Research Institute provides an environment that encourages interdisciplinary, collaborative interactions with a rich set of core resources (described in http://www.cityofhope.org/research/support/Pages/default.aspx). Candidates should have a Ph.D. or M.D. degree, postdoctoral experience, and the potential to establish, or to have established, an independent research program.

Applicants should submit a curriculum vitae, a statement of research interests and plans, and the names, addresses and telephone numbers of at least three references (who may, optionally, submit their letters), to:

Hematopoietic/Leukemia Stem Cell Search Committee
c/o Dr. Ravi Bhatia M.D., Director
Division of Hematopoietic Stem Cell and Leukemia Research
Department of Hematology and Hematopoietic Cell Transplantation
City of Hope National Medical Center
1500 E. Duarte Road
Duarte, CA 91010-3000

The City of Hope is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
You Can Make A Difference

The FDA Commissioner’s Fellowship Program is a two-year program designed to attract top-notch health professionals and other scientists. The fellows train minutes from the nation’s Capital at FDA’s new state-of-the-art White Oak campus in Silver Spring, Maryland or at other FDA facilities.

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The fellowship program combines rigorous didactic coursework with the development of a hypothesis driven, regulatory science research project. The coursework is designed to provide an in-depth understanding of the science behind regulatory review, encompassing the activities of the FDA across foods, drugs, biologics, devices, and cosmetics. Under the guidance of a FDA senior scientist committed to mentoring, fellows will also identify a specific aspect of FDA regulatory science to explore. The experience can be in a biology, physics or engineering lab, in a clinical review team, in biostatistics, informatics, epidemiology, risk analysis or other aspects of FDA science.

Who Should Apply?
Applicants must have completed all requirements for a Doctoral level degree (M.D., D.O., D.D.S., D.P.M., D.V.M., Pharm.D., or Ph.D.) by September 30, 2009 to be eligible. Applicants with a B.S./B.A. or M.S./M.A. in engineering are also eligible. Candidates must be a U.S. citizen, a non-citizen national of the U.S., or have been admitted to the U.S. for permanent residence before the program start date. Applicants cannot be current FDA employees or FDA contractors (such as ORISE fellows). To apply, and for further information about the FDA Commissioner’s Fellowship Program, please visit www.fda.gov/commissionersfellowships/default.htm.

FDA is an Equal Opportunity Employer and is a smoke-free environment.
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For details of this program, please visit: www.ie.edu/biotech
For admissions, contact: biotech@ie.edu
Opening doors is what we do. We’re the key to connecting with the industry’s top employers. We’re the experts and source for accessing the latest and most relevant career information across the globe.

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- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.
The University of New Mexico Cancer Center at the UNM Health Sciences Center and School of Medicine in Albuquerque invites applications at the Associate and Full Professor levels for a series of newly endowed Chairs and Professorships in Basic, Translational, Population, and Clinical Cancer Research (http://hsc.unm.edu/facultyjobs; full ads for each position as well as minimum and desired qualifications are provided under School of Medicine). The UNM Cancer Center is one of the nation’s National Cancer Institute (NCI)-Designated Cancer Centers and is supported by over $85 million in annual cancer-focused funding. Translational research strengths include population sciences, epidemiology, DNA repair, transcriptional and epigenetic regulation, genomics and bioinformatics, cell adhesion and signaling, drug discovery, and cancer viruses and vaccines. Shared Resources include Flow Cytometry and High Throughput Analysis, Microscopy and Cell Imaging, Genomics, Bioinformatics and Computational Biology, Tissue Repository and Tissue Analysis, Animal Modeling and Imaging, Biostatistics, Clinical Trials, and Human Imaging. The Endowed Chairs and Professorships, include:

- Cancer and Leukemia Stem Cell Biology
- Cancer Systems and/or Computational Biology & Biotechnology
- Cancer Molecular Therapeutics
- Cancer Prevention & Community Outreach
- Translational Research in Hematologic Malignancies
- Clinical and Translational Research in Women’s and Hormone-Responsive Cancers
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- Cancer Epigenetics, Transcriptional Regulation, and DNA Repair
- Animal Models of Cancer
- Radiopharmaceutical or Multimodal Imaging in Cancer
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Outstanding laboratory space, endowments, salaries, and start-up funds are available. Successful faculty will be jointly recruited by the UNM Cancer Center and specific Departments and Colleges at the UNM School of Medicine/Health Sciences Center. Positions may be subject to criminal records screening in accordance with New Mexico law. For best consideration all application materials must be received by March 1, 2009; however, positions will remain open until filled. For questions, contact rparden@salud.unm.edu. The University of New Mexico is an Equal Opportunity/ Affirmative Action Employer and Educator.

UNM’s confidentiality policy (“Disclosure of Information about Candidates for Employment,” UNM Board of Regents’ Policy Manual 6.7), which includes information about public disclosure of documents submitted by applicants, is located at http://www.unm.edu/~bgrm/67.htm

The Oak Ridge National Laboratory is the Department of Energy’s largest science and energy laboratory. ORNL is a multi-program science and technology laboratory conducting basic and applied research and development to create scientific knowledge and technological solutions that strengthen the nation’s leadership in key areas of science; increase the availability of clean, abundant energy; restore and protect the environment; and contribute to national security. ORNL achieves its success through their award-winning population of 1,500 scientist and engineers and their 3,000 guest researchers each year along with its state-of-the-art research facilities. For more information about ORNL visit www.ornl.gov.

We are proud to have received the award as one of the top 15 best employers of postdocs in the country for 2008/2009 for our postdoctoral program.

We are aggressively looking for candidates for the following openings:

**Postdoctoral Research Associate in Microbiology**

ORNL09-09-BESD

This position focuses on the application of molecular microbiology, imaging and genomic techniques to study microbial-nanoparticle interactions to understand the fate of nanomaterials in the environment.

**Postdoctoral Research Associate in Metabolic Engineering**

ORNL09-07-BESD

This position is centered on the analysis and manipulation of microbial metabolic pathways involved in the metabolism of carbon monoxide and synthesis gas.

**Postdoctoral Research Associate in Soil Molecular Microbial Ecology**

ORNL09-08-BESD

This position focuses on the application of genomics based technologies such as HT sequencing, microarrays and QPCR to understand microbial communities in the context of biogeochemical cycles.

**Postdoctoral Research Associates in Microbial Genomics, Metagenomics and Bioinformatics**

ORNL09-21-BESD

This position is centered on combining experimental and computational approaches to study thermophilic microbial consortia.

**Postdoctoral Research Associate in Synthetic Organic or Medicinal Chemistry**

ORNL09-11-BESD

This position focuses on synthesis of light-responsive and other analogs of the neurotransmitter GABA.

**Postdoctoral Research Associates in Molecular Biology**

ORNL09-16-ESD

This position focuses on developing a molecular systems biology approach to identify genetic and environmental constraints on carbon cycle processes in model (Populus, Arabidopsis) and non-model and unsequenced organisms.

For more information on these positions and directions on how to apply please visit:

http://www.orau.gov/orise/edu/ornl/postneeds.htm

These appointments are offered through the ORNL Postgraduate Research Participation Program and are administered by the Oak Ridge Institute for Science and Education (ORISE).
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Join the dynamic editorial team at *Science*. We are seeking a full-time Research Associate to support our continuous improvement projects. The position is located in our Washington, DC, office and is anticipated to extend for a period of one year with the possibility of an extension.

The ideal candidate will have obtained a Ph.D. in a scientific field and have gained familiarity with the peer review process and scientific literature. The individual should be analytical, independent, and have good communication skills. Candidates should be adept in the use of spreadsheets and databases.

This individual will assist the Editor-in-Chief, Executive Editor and Deputy Editors in their efforts to analyze current practices and outcomes of the editorial group at *Science* in order to continually improve the journal. The responsibilities of the position will vary according to the questions being researched.

Some likely activities are gathering data related to content, researching information needs of scientists in particular disciplines, creating surveys and reviewing data, assisting task forces with data gathering and analysis, and moving special projects forward without disrupting the weekly schedule for the magazine.

Minimum qualifications include:
- A Bachelor’s degree in a scientific discipline, though a Ph.D. is strongly preferred
- Strong computer skills required; familiarity with web analytics is a plus
- Familiarity with the scientific literature and the peer-review process is essential
- Three to five years of related experience
- Strong analytical, organizational and communication skills
- Ability to work well in a team environment
- Ability to work independently and with only general guidance

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The Department of Pharmacology & Experimental Therapeutics at Boston University School of Medicine (http://www.bumc.bu.edu/busm-pm) has an open faculty position in neuroscience for a scientist or physician scientist at the Assistant, Associate or Full Professor levels. Individuals with an interest in neuropharmacology, translational neuroscience (including clinical trials), or with research programs bridging with disciplines such as biomedical engineering, systems biology, bioinformatics, cancer or cardiovascular pharmacology, are encouraged to apply. The Department has strengths in a broad range of research areas including gene therapy, learning and memory, neuroepilepsy, substance abuse, neurodegenerative diseases, neurotransmitters, and epigenetics. The Department administers an active university-wide pharmacological sciences training program in Biomolecular Pharmacology that is supported by an NIGMS T32 and also awards a combined PhD in Pharmacology-Biomedical Neuroscience or Pharmacology-Cell and Molecular Biology. Joint appointments with clinical departments such as Neurology or Psychiatry are encouraged for physician-scientists seeking clinical service opportunities. Please send a CV, description of future research, and up to three peer-reviewed publications electronically to: David H. Farb, Ph.D., Chairman, Department of Pharmacology & Experimental Therapeutics, Boston University School of Medicine, 72 East Concord Street, L-603, Boston, MA 02118 at Pharm3@bu.edu.

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Scientists from nearly 100 countries are expected to participate in the 2009 ATS International Conference. They will present and discuss the latest findings in respiratory molecular and cell biology, lung structure and function, inflammatory biology and gene therapy. In addition, more than 5,000 abstracts of original research will be presented.

Among the symposia scheduled for the 2009 International Conference are:

- A Tale of Two Cities: Remodeling in the Lung Vasculature and Airway
- Bioengineering for Lung Diseases: Can We Rebuild the Lung?
- Correcting the Basic Defect of Cystic Fibrosis: From Molecular Target to Therapeutic Testing
- Emerging Therapeutic Targets in Lung Disease
- From Airway Epithelium to Muscle: The Pathway of Remodeling
- Genetics and Genomics of Lung Diseases
- MicroRNA: Managing Lung Disease
- MicroRNA in the Regulation of Lung Cell Function
- Molecular and Cellular Aspects of Lung Remodeling and Consequences in Chronic Lung Diseases
- Resolution Biology: New Twists on Inflammation Research
- Revolution in Bronchospasm: Out with the Old Ideas, In with the New
- Scientific Breakthroughs of the Year: Deciphering Lung Disease in the Genomic Era
- Stem Cells in Lung Biology and Regenerative Medicine*
- Systems Biology of Lung Disease: A Genomics Toolbox in Action*
- Targeting Proteases in Pulmonary Inflammation and Remodeling: New Insights into Disease Pathophysiology
- Targeting Tumor Microenvironment Interactions in Lung Cancer

*Postgraduate course
The J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida invites applications at all academic levels from ASSISTANT to FULL PROFESSOR.

For exceptionally qualified Assistant Professor candidates, named term professorships are available. We are particularly interested in candidates whose fields include: biomedical imaging, biomedical micro/nano technology, biomaterials, cell and tissue engineering, stem cell engineering, regenerative medicine and genetic/protein engineering. Successful candidates will be expected to develop world-class interdisciplinary research programs. Candidates are expected to possess academic credentials sufficient to meet requirements for full, associate, and assistant professorships in biomedical engineering. Salary will be competitive and commensurate with qualifications of the candidate.

Over the last five years we have been building a department where innovation, creativity, and interdisciplinary research and collegiality are nurtured and encouraged. The Department currently has a dozen core faculty members and a tradition of excellence in research and graduate education.

Biomedical engineering has a strong institutional commitment from the University of Florida including a new $94 million, 175,000 square-foot Biomedical Sciences Building currently under construction (opening in mid 2009) that will be the new home to the Department. Additionally, we have, through generous gifts, over $22 million in departmental endowments to support teaching, research, and innovation. Collaborations and strong ties to Shands HealthCare, McKnight Brain Institute, the National Science Foundation (NSF) National High Magnetic Laboratory, the NSF Engineering Research Center for Particle Science and Technology, and the Cancer/Genetics Institute provide unparalleled opportunities to take discoveries from bench to bedside and back again. Our departmental facilities are conveniently located adjacent to both the Health Sciences Center and the College of Engineering.

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J. Crayton Pruitt Family Department of Biomedical Engineering
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The University of Florida is an Equal Opportunity Employer dedicated to building a culturally diverse faculty and staff. We strongly encourage applications from women and members of under-represented groups to apply.

The Department of Cardiovascular Biology at Meharry Medical College is seeking a tenure-track investigator, at the ASSISTANT or ASSOCIATE PROFESSOR level, whose research interests relate to cardiovascular biology. The Department will have a research program that interfaces well with focus areas at our Institution, including women’s health, diabetes and obesity, lipid metabolism, and/or HIV/AIDS, and be poised to successfully achieve extramural funding. Applicants should submit curriculum vitae, brief statement of research goals, and three letters of recommendation to e-mail: zgao@mmc.edu. Meharry Medical College is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

ASSISTANT RESEARCH PROFESSOR. One-year position to study molecular mechanisms of carcinogenesis and its prevention by dietary chemicals, drugs, and exercise. Experience in prevention, progress, and inhibition growth of prostate and pancreas cancer carcinoma is stated. Ph.D. degree required. Send curriculum vitae and names of three references to: Allan H. Conney, Department of Chemical Biology, Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, 164 Frelinghuysen Road, Piscataway, NJ 08854-8020, e-mail: bachorik@rci.rutgers.edu. Equal Opportunity Employer.

The Brown CardioPulmonary Research Training Program is seeking applicants for POSTDOCTORAL training. This NIH-sponsored program is co-directed by Gideon Koren and Sharon Rounds, Department of Medicine, Brown University (see: website: http://www.brownmedicine.brown.edu/cardiopulmonary/index.html). Trainees will train in one of three tracks—cardiovascular molecular pathobiology, pulmonary molecular pathobiology, or cardiopulmonary health services/outcomes research. The Training Program is funded through July 31, 2008, with 40 faculty trainers from 11 Brown academic departments. Interested candidates with an M.D., Ph.D., or M.D./Ph.D. degree are invited to send a letter of interest, biosketch, and three letters of recommendation to: Stephen J. Weiss, M.D., Department of Cardiovascular Biology, Box 1254, Brown University, Providence, RI 02912. E-mail: swess@brown.edu. Equal Opportunity Employer.

POSTDOCTORAL FELLOW POSITIONS available to study the molecular mechanisms underlying leukocyte trafficking through three-dimensional extracellular matrix barriers in vitro and in vivo (e.g., Trends in Cell Biol. 18:560, 2008). Strong background in cell/molecular biology and/or intravital microscopy will be required. Send curriculum vitae, brief statement of research interests and the names of three references to: Stephen J. Weiss, M.D., Upjohn Professor of Medicine, Life Sciences Institute, University of Michigan, 5000 LSI, 210 Washtenaw, Ann Arbor, MI 48109-0640. The University of Michigan is an Equal Opportunity Employer.

POSTDOCTORAL TRAINING at UCLA Applications are invited from U.S. citizen/permanent resident M.D. or Ph.D. to work on an NIH training grant exploring mechanisms of sex in immunology and autoimmunity (D. Smith-Bouvier et al., J. Exp. Med. 2008), denitrification, or cell migration (A. Eriksson et al., J. Immunol. 2008), and immune pathogenesis of lupus. Contact e-mail: rshingh@mscd.ucla.edu.

CAREER OPPORTUNITY

Doctor of Optometry (O.D.) degree in 27 months for Ph.D.s in science and M.D.s. Excellent career opportunities for O.D./Ph.D.s and O.D./M.D.s in research, education, industry, and clinical practice. This unique program starts in March 2009, and features small classes and 12 months devoted to clinical care. Contact: the Admissions Office, telephone: 800-824-5526 at the New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.neco.edu, e-mail: admissions@neco.edu.

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