The Department of Biological Sciences at San Jose State University seeks applicants for two tenure-track positions to start on August 20, 2009.

ASSISTANT PROFESSOR: PHYSIOLOGY

Applicants must have a Ph.D. degree in the physiological sciences. Candidates with teaching and research interests in a variety of subdisciplines will be considered. Expertise in either physiological ecology or pharmacology/toxicology is desirable. Preference will be given to candidates whose background will complement and augment existing faculty and programs. The teaching load will include instruction in an upper-division organ-systems physiology course, a graduate-level physiology laboratory course, and additional duties in lower-division courses for nonmajors. The successful candidate is also expected to teach in their/business of expertise. Please include Job Opening ID (JOID) 12301 on all correspondence.

ASSISTANT PROFESSOR: VERTEBRATE ECOLOGY

Applicants must have a Ph.D. degree in ecology, zoology, or closely related discipline with ongoing field research. Candidates with expertise in conservation biology, physiological ecology, or the application of molecular genetic techniques will be preferred. Experience in Geographic Information System is also desirable. The successful candidate will be expected to take a leadership role in vertebrate ecology and conservation biology and collaborate with other faculty in the biodiversity Center. Teaching duties will include instruction animal biology, an upper-division vertebrate biology/ecology course, and other courses, which may include applications of molecular biology in ecology, conservation, ecology, conservation biology, general biology for nonmajors, and graduate courses in their area of expertise. Please include Job Opening ID (JOID) 12301 on all correspondence.

For both positions applicants must have a proven record or potential for excellence in teaching, and research experience and publications in their discipline. Seeking extramural funding to support research involving Master’s and undergraduate students is expected. The successful candidates must address the needs of a student population of great diversity in age, cultural background, ethnicity, primary language, and academic preparedness through course materials, teaching strategies, and advising. For more details see website: http://www.fa.sjsu.edu/employment/employment.htm. Subject to budgetary approval.

For full consideration for one of these positions, send a letter of application, curriculum vitae, letters of recommendation, a statement of research and teaching interests, undergraduate and graduate transcripts, statement of teaching philosophy/philosophy and research interests, and at least three original letters of reference with contact information by January 5, 2009, to: John Boothby, Chair, Department of Biological Sciences, San Jose State University, One Washington Square, San Jose, CA 95192-1000; fax: 408-924-4840; telephone: 408-924-4900. Website: http://www.biology.sjsu.edu/index.aspx. SFU is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS in BIOLOGICALLY INSPIRED ENGINEERING

Harvard University

The School of Engineering and Applied Sciences and Wyss Institute for Biologically Inspired Engineering at Harvard University jointly seek applicants for several openings at the level of tenure-track ASSISTANT, ASSOCIATE, OR FULL PROFESSOR in the field of engineered biomaterials. The ideal candidate will have expertise in the use of genetic engineering, nanotechnology, synthetic biology, directed evolution, or other approaches to build chimeric biomolecules, programmable self-assembling materials, or biopolymers with defined macromolecular architectures and chemical functionalities. The successful candidate will become a member of a new interdisciplinary research institute composed of experimentalists, theoreticians, and clinicians from Harvard University, its affiliated hospitals, and other academic institutions in the Boston/Cambridge area who focus on research and advanced technology development in the field of biologically inspired engineering. Candidates must have the ability to develop a leading research program with a focus on technology development and translation, as well as enthusiasm for teaching at both the graduate and undergraduate levels.

An application, assembled as a single PDF file, should include curriculum vitae, separate two-page statements of research and teaching interests, up to three scientific papers, and names and contact information for at least three writers of letters of recommendation. Applications should be sent to e-mail: biomat@seas.harvard.edu.

Applications will be reviewed beginning January 2009. Later applications are also welcome until the positions are filled. Harvard University is an Equal Opportunity/Affirmative Action Employers, and applications from women and minority candidates are strongly encouraged.
The Max Planck Institute for Demographic Research seeks a path-breaking recent Ph.D. eager to develop a highly innovative

Independent Junior Research Group

at a frontier of mathematical, biological, historical, social, economic or quantitative demography.

The successful candidate will be given ample resources to establish and direct an independent research program. For this purpose, he or she will be guaranteed funding to recruit and lead a team of researchers, for operating expenses, scientific collaborators, and technical and secretarial support.

The successful candidate will start a five-year contract (with the possibility of a prolongation after positive evaluation) between July and October 2009. The payment corresponds to the W2 level on the German university scale, equivalent to an Assistant or Associate Professor.

Applicants should have completed a doctoral degree in the past decade. They should have an outstanding record - or show exceptional promise - as demographic scholars.

The Max Planck Society is committed to employing more handicapped individuals and to increasing the share of women in areas where they are under-represented, and therefore expressly encourages applications from such qualified individuals.

The applicant should submit a three to five page description of a research program, along with a work plan, a complete CV, and three personal references.

Please send applications by January 31, 2009 to appl_irg@demogr.mpg.de.
Executive Secretary of the Intergovernmental Oceanographic Commission (SC-079)

Main responsibilities
Under the general authority of the Director-General and taking into account the large degree of autonomy granted to the Intergovernmental Oceanographic Commission, the incumbent will carry out the instructions of the IOC Assembly and its Executive Council concerning the organization of all aspects of the Commission’s work including convening sessions and meetings of the IOC governing and subsidiary bodies in accordance with the IOC Statutes and Rules of Procedures, the decisions of the General Conference and the Director-General and report accordingly. The core aspect of the job is to promote, coordinate and implement the Programmes of IOC approved by the General Conference (C/5) including fund-raising to obtain extra-budgetary funds for the programmes and related financial management. First it ensures the follow-up of the recommendations and technical guidance provided by IOC as to the formulation and execution of other UNESCO programs related to or in need of close coordination with ocean sciences and report on the outcome of his actions to the IOC Assembly. On behalf of the Director-General of UNESCO it co-ordinates the programme of the Commission with those of the organizations of the United Nations system parties to the UN Oceans and Coastal Areas Network (UN-OCEANS), the Inter Secretariat Committee on Scientific Programmes Relating to Oceanography (ICSPRO) and other international organizations which collaborate with IOC. A particular aspect of the job is to ensure proper follow-up of IOC programmes to UNCED 1992 and the World Summit on Sustainable Development (WSSD, 2002) and co-ordinate cooperative as required with other UNESCO environmental programmes (i.e. MAB, IHP, IGCP, MOST) and countries concerning UNCED/WSSD as well as the implementation of UNCLOS and act as the UNESCO representative to UN-OCEANS. It will direct the work of the staff of the IOC Secretariat including staff seconded from United Nations Organizations and bodies whose work is of interest to IOC, and participate in such inter-secretariat bodies which may be concern wholly or in part with the work of IOC. It will also represent or arrange appropriate representation of IOC at the meeting of other organizations and bodies whose work is of interest to IOC and participate in such inter-secretariat bodies which may be concerned wholly or in part with the work of IOC; the incumbent will also direct the planning and co-ordination of the activities of IOC and of UNESCO in response to demands resulting from the United Nations Convention on the Law of the Sea including the new ocean regime, and maintain close consultations with the ADG/SC on science-related programmes.

Qualifications and experience
- Advanced university degree, preferably at doctorate level, in a field related to oceanography.
- Extensive professional experience in senior executive positions in one or more fields covered by the UNESCO Natural Sciences Programme, including substantial assignments at regional and/or international level.
- Several years of exposure to the requirements of international cooperation and proven familiarity with the work and activities of the United Nations system organizations and other international organizations in the field of natural sciences.

Competencies
The incumbent should be able to demonstrate the following competencies:
- Lead and motivate a team of senior and mid-level managers, in a multicultural setting.

Terms and conditions
The post is at grade of Assistant Director-General, common to the United Nations system, with a salary composed of base salary and post adjustment, which, at the present dollar exchange rate, totals approximately US $191,980.00 (with dependents) or US $173,850.00 (without dependents) per annum, exempt from taxation.

How to apply
Candidates wishing to apply for this post should do so through the following website: http://www.unesco.org/employment
Candidates without easy access to the Internet may, exceptionally, apply by mail, by sending a full curriculum vitae form, showing their nationality, date of birth and gender, to: Chief, Recruitment and Classification Section, Bureau of Human Resources Management, UNESCO, 7 Place de Fontenoy, 75352 Paris 07-SP, France.

An Assessment Centre may be used in the recruitment process of this post.
Applications should reach UNESCO before 14 January 2009. Please quote post number “SC-079”
THERE IS NO APPLICATION, PROCESSING OR OTHER FEE AT THIS OR AT ANY STAGE OF THE PROCESS.

UNESCO is committed to gender equality in its programming and to gender parity within the Secretariat. Therefore, women candidates are strongly encouraged to apply as well as nationals from non-and under-represented Member States.
**Positions at the National Institutes of Health**

**National Institute of Mental Health**
**Division of Intramural Research Programs**
**Mood and Anxiety Disorders Program**
**Tenured Clinical Investigator**

The Mood and Anxiety Disorders Program, Division of Intramural Research Programs (DIRP), National Institute of Mental Health (NIMH), seeks a highly accomplished Tenured Clinical Investigator conducting clinical trials in mood disorders to head an active, ongoing program in this area which will have access to an inpatient ward with 10-12 beds in the NIH Clinical Center, the nation’s largest hospital devoted entirely to clinical research. The position comes with a budget and staff. The strong scientific environment and outstanding resources at NIMH make this a unique opportunity for a high-achieving scientist. The position also offers unparalleled opportunities for interdisciplinary collaboration with scientists throughout the NIH. The successful candidate will be expected to strengthen the current program.

Applicants should have: 1) an M.D. degree, and be board certified in Psychiatry; 2) experience (including protocol development, implementation, drug development, single-site studies, publications, etc.) as an investigator in translational clinical research. Such experience would include directly applying relevant preclinical findings into randomized placebo-controlled proof-of-concept trials with novel compounds in treatment-resistant depression and mania; 3) experience in biomarker studies, applying the techniques of neuropsycho-pharmacology, electrophysiology, neuropsychology, and neuroimaging to research involved in the development of novel therapeutics for mood disorders; 4) national/international recognition for experimental therapeutic studies in mood disorders; and 5) experience administering a therapeutic development research program.

The ideal candidate must have a record of high scientific achievement as an independent investigator. The candidate should also have substantial clinical achievements, as well as leadership experience, including oversight of team members. Finally, applicants should have experience directly administering a research program. These achievements should be nationally and internationally recognized.

Salary is commensurate with experience and accomplishments, and a full Civil Service package of benefits (including retirement, health, life, and long-term care insurance, as well as a Thrift Savings Plan, etc.) is available. NIMH is a major research component of the National Institutes of Health and the Department of Health and Human Services, which have nationwide responsibility for improving the health and well-being of all Americans. Interested applicants should send curriculum vitae, bibliography, statement of research interests, accomplishments, and goals, together with six letters of reference to: Dr. Judith Rapoport, Chair, Search Committee for Experimental Therapeutics, NIMH, NIH, Bldg. 10, Rm. 4N-222, 9000 Rockville Pike, Bethesda, MD 20892; or e-mail to: steyerm@mail.nih.gov. Review of applications will begin January 5th, 2009, but applications will continue to be accepted and considered until the position is filled.

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**Department of Health and Human Services**
**National Institutes of Health**
**National Institute of Mental Health**

The Division of Intramural Research Programs (DIRP), National Institute of Mental Health (NIMH), invites applications for a tenured or tenure track investigator in the Mood and Anxiety Disorders Program (MAP). The candidate is expected to develop an independent research program which will plan and conduct clinical and/or translational research studies on the pathophysiology, etiology, and treatment of mood disorders and their comorbid conditions such as anxiety disorders; and will be provided with personnel and budget to conduct this research.

The candidate must have an M.D. and/or Ph.D. in psychiatry or related discipline with broad research experience, including a record of high scientific achievement as an independent clinical or preclinical investigator; experience in direct administration of a research program; and national and/or international recognition. Salary is commensurate with experience and accomplishments, and a full Civil Service package of benefits (including retirement, health, life, and long term care insurance, Thrift Savings Plan participation, etc.) is available.

The National Institute of Mental Health (NIMH), is a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), and has nation-wide responsibility for improving the health and well being of all Americans, the Department of Health and Human Services oversees the biomedical research programs of the National Institutes of Health and those of NIH’s research Institutes. Interested candidates should send resume and six reference letters to: Dr. David Sweat, Chair, MAP Search Committee, National Institute of Mental Health, Bldg. 10, Rm. 4N-222, 9000 Rockville Pike, Bethesda, MD 20892; or by e-mail to: steyerm@mail.nih.gov. Review of applications will begin January 12, 2009, but applications will continue to be accepted and considered until the position is filled.
A symposium entitled "HIV Protease and Beyond: The Past, Present, and Future of HIV Structural Biology" will be held on the Frederick campus of the National Cancer Institute on January 30 and 31, 2009. The symposium commemorates the 20th anniversary of the publication of the crystal structure of HIV protease, a turning point in the utilization of structural information for drug design. In addition, the relationship between structural biology and drug design for other HIV targets will be emphasized. The meeting format will consist of presentations by the invited speakers, as well as of contributed posters. Speakers and poster presenters will address both the historical aspects of structural studies of HIV proteins as well as their current and planned research.

Invited speakers include: S. Oroszlan (NCI); D. Davies (NIDDK); M. Jaskolski (A. Mickiewicz U., Poznan); P. Fitzgerald (Merck, Retired); A. Wlodawer (NCI); D. Kempf (Abbott); D. Davis (NCI); C. Schiffer (U. Mass.); E. Freire (Johns Hopkins); I. Weber (Georgia State); J. Konvalinka (IOCHB, Prague); S. Le Grice (NCI); S. Hughes (NCI); W. Yang (NIDDK); R. Craigie (NIDDK); Y. Pommier (NCI); D. Hazuda (Merck); M. Clore (NIDDK); R. Wyatt (VRC); E. Freed (NCI); and H.-G. Kräusslich (U. Heidelberg).

Interested participants should register before January 9, 2009. No registration fee is required. More information about the meeting program, local arrangements and accommodations, and how to register can be found on the web page http://web.ncifcrf.gov/events/hivprotease. Additional information can be obtained from Julia Lam via phone (301-228-4141) or e-mail (lamjl@mail.nih.gov).
PLANT BIOLOGY

The Department of Biology seeks to fill a full time, continuing status position in plant biology. Qualified applicants with a PhD, postdoctoral experience, and expertise in evolutionary or organismal biology (including, but not limited to, modern applications such as molecular ecology, systematics, genomics, evolutionary development, and so forth) are encouraged to apply. The successful candidate is expected to maintain an externally funded research program involving both undergraduate and graduate students. Excellence in teaching is required; teaching responsibilities will include general biology, plant diversity, and a graduate course in the candidate’s area of expertise. The department offers competitive start-up packages and reduced teaching loads for new faculty.

Interested persons should send a CV, statements of teaching and research interests, and a completed BYU faculty application form to: Dr. Leigh Johnson, Plant Biology Search Committee Chair, 401 WIDB, Department of Biology, BYU, Provo, UT 84602 – electronic applications, preferred, may be sent to bio@byu.edu.

The review process will begin December 10, 2008 for this position and continue until the position is filled. Faculty application forms can be found at: https://yjobs.byu.edu. Additional department and college information is available at website: http://biology.byu.edu/home.

Brigham Young University, an Equal Opportunity Employer, does not discriminate on the basis of race, color, gender, age, national origin, veteran status, or against qualified individuals with disabilities. All faculty are required to abide by the university’s honor code and dress and grooming standards. Preference is given to qualified candidates who are members in good standing of the affiliated church, The Church of Jesus Christ of Latter-day Saints.

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER

ASSISTANT PROFESSORS: The Department of Orthopaedic Surgery invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track assistant professor positions. Candidates who use innovative mechanical, molecular biological or computational methods with important applications to musculoskeletal related systems, ranging from individual genes and proteins to cells and organs are encouraged to apply. However, the scientific excellence of the candidates is more important than the specific area of research.

This position is part of the continuing growth of the Department at one of the country’s leading academic medical centers and will be supported by significant laboratory space, competitive salaries, and exceptional startup packages. The University of Texas Southwestern Medical Center is the scientific home to four Nobel Prize laureates, 17 members of the National Academy of Sciences and 19 members of the Institute of Medicine. UT Southwestern conducts more than 3,500 research projects annually totaling more than $350 million.

Applicants should submit curriculum vitae, a brief statement of research plans, and arrange to have three letters of reference sent to: Joseph Borrelli, Jr., MD/c/o Kathy Stroud (kathy.stroud@utsouthwestern.edu), Department of Orthopaedic Surgery, 1801 Inwood Road, WA4.312, Dallas, TX 75390-8883.

UT Southwestern strongly encourages applications from women, minorities, and people with physical challenges. An Equal Opportunity Employer

Bioinformatics Specialist
Princeton University

Princeton University’s Department of Molecular Biology seeks applicants for a professional specialist position in bioinformatics. This position will establish a new Bioinformatics Core Facility and will collaborate with faculty, staff, and students in innovative computational approaches to research that exploit the large amount of biological sequence information currently available. This position involves defining bioinformatics approaches to research problems, performing general bioinformatic tasks, writing scripts, using publicly available software packages, and analyzing data from both local and national databases. The successful candidate will interact with researchers on a wide variety of problems, and will need to carry out multiple projects in parallel and prioritize use of time and resources.

Sophisticated knowledge of computers and programming is required as is an advanced degree in Bioinformatics, Computer Science, or in a related field. Applicants must include the names of three references with their cover letter and CV.

Previous experience in sequence analysis is strongly preferred, as is a track record of research that exploits bioinformatics approaches. Experience handling biological data sets is a plus. A PhD is also a plus. Rank and salary are dependent upon qualifications and experience.

You may apply online at http://jobs.princeton.edu (search for requisition #0800564) or for general application information and how to self-identify, see http://www.princeton.edu/dof/ApplicantsInfo.htm. We strongly recommend, however, that all interested candidates use the online application process.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.
The School of Engineering of EPFL invites applications for a tenure-track faculty position in Mechanical Engineering. The main focus of this search is for a junior position, however, exceptionally well-qualified candidates may be considered at a more senior level. The School of Engineering of EPFL aims to increase the presence of women amongst its faculty, and qualified female candidates are strongly encouraged to apply.

Applications should include a curriculum vitae with a list of publications, a concise statement of research and teaching interests, and the names and addresses (including e-mail) of at least five referees. Applications should be uploaded to http://igmeca-2search.epfl.ch. The deadline for applications is 16 January 2009.

Enquiries may be addressed to:
Prof. John Botsis,
e-mail: position.igm@epfl.ch

For additional information on EPFL and the School of Engineering, please consult the web sites: http://www.epfl.ch and http://sti.epfl.ch

The successful candidate is expected to initiate independent, creative research programs and participate in undergraduate and graduate teaching. Significant start-up resources and research infrastructure will be available. Internationally competitive salaries and benefits are offered.
Science Careers is the lens that magnifies opportunities.

Magnifying your opportunities is our main focus. We're your source for connecting with the industry's top employers. We're the experts and primary tool for accessing the latest and most relevant career information across the globe.

Our newly designed website offers improved features that help you magnify career opportunities and your personal potential. Whether you're seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers will broaden your scope for a brighter future.

**Improved Website Features:**
- Relevant Job Email Alerts
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- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.

ScienceCareers.org
Research Scientist
Target Biology Group, Center for Applied Cancer Science (CACS)

The Center for Applied Cancer Science (CACS) at the Dana-Farber Cancer Institute is dedicated to translating basic discoveries in the laboratory into new therapies for cancer, through the use of sophisticated functional genomics approaches and cancer model systems. We concentrate on studying the complex pathobiology of specific cancer types and have analyzed the genomes of thousands of human and mouse cancer samples yielding many new cancer genes that were subjected to functional and clinical validation screens. We represent a new academic concept that provides an unprecedented opportunity to change the way anti-cancer therapeutics are discovered and developed. Detailed information about us is available at http://dfcionline.org/about/strategic/initiatives/cacs/about/default.aspx.

We have an immediate opening for a Research Scientist in the Target Biology who will be responsible for studying the function of candidate cancer target genes using a combination of cell and animal-based assays. The Research Scientist will play an active intellectual role in experimental design and result interpretation, the training and support of group members, and will actively collaborate with other groups within the center and external partners.

We are looking for a highly motivated individual with a Ph.D. or M.D/Ph.D. and a minimum of 5 years of successful postdoctoral research experience as evidenced by a strong publication record. Proven expertise in Molecular and Cell Biology relevant to identification and validation of cancer genes and hands-on experience with xenograft models and/or the generation of transgenic and/or knock out animal models as well as their characterization are essential. The successful candidate will be proficient in mammalian cell-culture techniques and expression systems including recombinant retro- and lentivirus production and infection. In addition, we expect a thorough knowledge of the English language (spoken as well as written) and the desire to work in a collaborative and interdisciplinary team environment.

Please apply online and reference job number 15769 with three references along with cover letter and CV.

Dana-FarberCareers.com
Dana-Farber offers a competitive and comprehensive benefits package including Health, Dental, 401(k) and much more.

Dana-Farber Cancer Institute is an Affirmative Action/Equal Opportunity Employer.
Tenure-track Faculty
Chester F. Carlson Center for Imaging Science
Rochester Institute of Technology

Rochester Institute of Technology’s Chester F. Carlson Center for Imaging Science (CIS) is seeking two outstanding individuals for tenure-track faculty positions; one at the rank of Associate or Full Professor in the area of biomedical imaging and applications, and one at the rank of Assistant Professor in any area of imaging science, color science, or their applications. CIS is an interdisciplinary university research and education center offering undergraduate and masters and PhD degrees in Imaging Science, masters and PhD degrees in Color Science and, in conjunction with the Physics and Mathematics departments, PhD degrees in Astrophysical Sciences and Technology. For further information see http://www.cis.rit.edu.

Biomedical Imaging – Associate or Full Professor: RIT is committed to major investment in the interdisciplinary arena of applied biological science and engineering, encompassing bioengineering, biological and medical imaging, biophysics, and biomedical computation and biotechnology. The successful applicant will have an established record and provide leadership to this effort in the area of biomedical imaging.

Image/Color Science – Assistant Professor: Applicants will be considered in any area of imagery science, color science, or their applications, and will contribute to the graduate/undergraduate Imaging Science programs and the Color Science graduate program. For further information about the color science program see http://mscl.rit.edu.

The target start date is summer 2009. Applications will be reviewed on a rolling basis. To apply, visit mycareer.rit.edu. Search for IRC# 27118 (Biomedical Imaging) or IRC# 27116 (Image/Color).

RIT is an EO/AA Employer. Members of protected classes and individuals with the ability to contribute in meaningful ways to the university’s commitment to cultural diversity, pluralism, and individual differences are encouraged to apply.

Assistant/Associate Professors
The Department of Molecular Medicine, College of Medicine, University of South Florida is seeking candidates for two tenure track positions at the rank of Assistant or Associate Professor. The Molecular Medicine Department is comprised of a diverse faculty with interests in genetic and biochemical and immunological mechanisms of diseases including cancer, neurodegenerative disorders, cardiovascular disease, and microbial and viral pathogenesis. The department is located in a vibrant and expanding USF Health Complex on the main campus of the University of South Florida that includes the Colleges of Medicine, Nursing, and Public Health, the H. Lee Moffitt Comprehensive Cancer Center and Research Institute, and the Byrd Alzheimer Center and Research Institute. Currently, the College of Medicine has approximately 340 full-time core faculty members, 450 medical students, and over 300 students in the biomedical graduate program. With over 46,000 students, USF is one of the nations largest universities located in the culturally rich and diverse metropolitan Tampa Bay Area comprising a population of over 2.7 million. Located on the West coast of the Sunshine State, Tampa offers a wide variety of cultural and recreational amenities year round including the Florida Aquarium, Busch Gardens, beautiful gulf-coast beaches, professional sports franchises, the Tampa Bay Performing Arts Center and the Tampa Museum of Art. For more information about the Department of Molecular Medicine please visit our website at: http://health.usf.edu/nocms/medicine/molecular_medicine/

Successful candidates for these positions are expected to develop and maintain a competitively funded research program and to actively participate in medical and graduate student education. Competitive start-up packages, excellent core facilities, and a collegial atmosphere create an environment that promotes success. Minimum requirements for an Assistant Professor position include a PhD, MD/PhD, or MD degree with at least two years postdoctoral experience. Consideration at the rank of Associate Professor requires a minimum of five years as an Assistant Professor and the successful establishment of a funded research program are required. Applicants should submit a cover letter, curriculum vitae, statement of research accomplishments and interests, and the names and contact information of three references. A review of applications will begin November 15, 2008 and continue until the positions are filled. Please send application material by e-mail (including attached pdf documents) to Ms. Deborah Kingsbury at dkinsbu@health.usf.edu.

Dr. Robert Deschenes, Chair, Department of Molecular Medicine
University of South Florida College of Medicine
12901 Bruce B. Downs Blvd. MDC7, Tampa, Florida 33612-4799

USF Health is committed to increasing its diversity and will give individual consideration to qualified applicants for this position with experience in ethnically diverse settings, who possess varied language skills, or who have a record of research issues that support/benefit diverse communities or teaching a diverse student population. The University of South Florida is an Equal Opportunity / Affirmative Action / Equal Access Institution. For disability accommodations, contact Deborah Kingsbury (813) 974-9645 within 5 days of an event. According to Florida law, search records, including applications and search committee meetings, are open to the public.

Faculty Position in Chemical Biology
The DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOPHYSICS at Washington University School of Medicine invites applications for a tenure-track or tenured faculty position in the area of chemical biology. Applications in two general areas will be considered; those using synthetic chemistry as a tool to probe biological systems (chemical genetics), and those developing computational methods relevant to the chemistry of biological processes. Example areas of research include the application of chemical or computational tools and insights to understanding the regulation of biochemical pathways and cellular physiology, the discovery of new therapeutic targets, and the study of basic mechanisms of biomolecular recognition and function. Applicants at the Assistant, Associate, or Full Professor level will be considered. The successful candidate will combine synthetic and/or computational chemistry with a strong program in basic biological research. She/he will join a growing department that is broadly represented in experimental and computational studies of nucleic acid biology and metabolism, protein folding and aggregation, protease specificity and regulation, membrane structure and signal transduction, and bacterial physiology and pathogenesis (http://www.biochem.wustl.edu). The targeted growth of systems biology on both campuses of Washington University will provide additional opportunities for scientific interactions and collaborations. Candidates with computational interests may also wish to be affiliated with the Center for Computational Biology (http://www.ceb.wustl.edu). In addition to a commitment to research, enthusiasm for teaching and mentoring young scientists is also important.

Washington University has a highly interactive research environment with vigorous interdisciplinary graduate and medical scientist training programs. Minority and women scientists are especially encouraged to apply. Applicants should submit their curriculum vitae, selected reprints, a short summary of future research plans and the names of references electronically to faculty-search@biochem.wustl.edu, or else by mail to: FACULTY SEARCH, Tom Ellenberger, Raymond H. Witcoff Professor and Head, Department of Biochemistry and Molecular Biophysics, Box 8231, Washington University School of Medicine, 660 S. Euclid Ave., St. Louis, MO 63110. Applications will be reviewed beginning in December, 2008 and the search will be closed on January 15, 2009 when interviews will commence.

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The Best Care - The Best Career
Veterans Affairs Medical Center San Francisco

Faculty Position in Hepatitis C Biology
Department of Medicine • University of California, San Francisco

The Department of Medicine and Division of Gastroenterology of the University of California, San Francisco is seeking to recruit a physician scientist with an established research program in hepatitis C biology to an in residence faculty position (Assistant or Associate Professor) based at the San Francisco Veterans Affairs Medical Center. The successful candidate will be expected to develop a competitive research program in HCV biology (virology or immunology) that will complement a strong core of scientists at the San Francisco VA Medical Center with clinical, translational, and basic research programs in HCV, HIV, and HBV. In addition, the appointee will join and collaborate with the broader community of UCSF scientists interested in HCV biology who are members of the UCSF Liver Center, the Division of Experimental Medicine, and the Gladstone Institute of Virology and Immunology.

 Applicants must have an MD (with or without a PhD), post-doctoral research experience, and a track-record of extramural grant funding. Fellowship training in Gastroenterology / Hepatology is helpful, however applications from candidates with other training backgrounds (e.g., infectious disease, immunology) are also encouraged. Successful candidates will receive a competitive salary, start-up funds, and ample laboratory space.

Interested applicants should submit a curriculum vitae, a brief summary of research interests and plans, and contact information for three references by January 15, 2009 to Dr. Kenneth McQuaid, Chief of Gastroenterology, San Francisco VA Medical Center via email at kenneth.mcquaid@va.gov or via post to: GS Section 118B, VA Medical Center, 4150 Clement Street, San Francisco, CA 94121.

UCSF and VAMC seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence. UCSF is an Affirmative Action/Equal Opportunity Employer. The University undertakes affirmative action to assure equal employment opportunity for underutilized minorities and women, for persons with disabilities, and for covered veterans.

San Francisco VA Medical Center

The European Science Foundation (ESF) provides a platform for its Member Organisations to advance European research. Established in 1974 as an independent, non-governmental organisation, the ESF currently serves 77 Member Organisations, including Research Funding Agencies, Research Performing Organisations and Academies, across 30 countries.

Mission of the Position
This position involves:
• Develop and implement strategic activities to catalyse and support the research community and Marine Board Member Organisations, through promoting research collaboration in an inter- and multidisciplinary environment across Europe and beyond;
• Overseeing and contributing to the development of policy and its implementation within the overall Marine Board and ESF Strategies;
• Taking responsibility, as the Secretary of the Marine Board Committee, for the mobilisation and motivation of the Marine Board Committee and for the development of strategic activities;
• Ensuring compliance with external contracts through full and timely reporting, liaison, in coordination with ESF Administration and Finance, with external partners as appropriate and drafting proposals for future support;
• Publishing and informing the marine research and policy communities through the production of hard copy publications, web pages, press releases and liaison with the ESF Communications Unit;
• Taking responsibility for the management and achievement of budgets of specific activities;
• Managing the Marine Board Unit team (5 staff members) and contribute to the senior management of the ESF.

The post is based in Ostend (Belgium). Profile and working conditions are described in the complete position announcement available at www.esf.org/vacancy-mbhou

Further details at www.esf.org/marineboard

University of Massachusetts Medical School
Postdoctoral Position in Energy Metabolism

Postdoctoral positions are available in the Cardiovascular Research Center at the University of Massachusetts Medical School to study the role of transcriptional regulators in diabetes and obesity. Available projects aim to discern and manipulate transcriptional pathways that reduce obesity. This position offers outstanding scientific resources in a collaborative environment. Successful candidates will have obtained a PhD, MD or MD-PhD degree and have a strong background in molecular biology and the generation of mouse models.

Please send curriculum vitae and three references to:
Marcus P. Cooper, MD
Marcus.Cooper@umassmed.edu
Division of Cardiovascular Medicine
University of Massachusetts Medical School
381 Plantation Street
Biotech V, Suite 200
Worcester, MA 01605

University of California, Davis
School of Medicine
Department of Medical Microbiology and Immunology
Opportunity in Fungal Serology (Coccidioidomycosis)

The Department of Medical Microbiology and Immunology in the School of Medicine at the University of California, Davis, announces a search for a qualified clinician with strong diagnostic and administrative capabilities to be trained to direct the clinical activities of a Coccidioidomycosis Serology Laboratory. The candidate will be recruited for this part-time or full-time position at the Associate, Associate or Full Professor rank in the In Residence series. Depending on the applicant pool, outstanding applicants in other series will be considered. Appointments to this series are expected to engage in responsibilities that include provision of serologic tests for coccidiodymycosis, reviewing results of serologic tests, providing consultation and written reports on serologic findings, and managing laboratory staff. Biomedical investigative effort may be expected. Candidates must possess an M.D. and be board certified with the American Board of Medical Laboratory Immunology, or the American Board of Medical Microbiology, or any other boards approved under the Clinical Laboratory Improvement Act, or board certified in internal medicine (infectious diseases) or pathology. Training and experience in microbiology and immunology and a background in teaching and administration is desired. Collaborations with clinical and research programs at UC Davis and the UC Davis Medical Center are available.

Review of applications will commence immediately and will be accepted through March 15, 2009 or until the position is filled. Please forward curriculum vitae and the names of three references to: Demosthenes Pappagianis, M.D., Ph.D., c/o Sandra Vaden, Department of Medical Microbiology and Immunology, University of California, Davis, Tupper Hall, Room 3146, One Shields Avenue, Davis, CA 95616.

The University of California, Davis, is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.
Showcasing your talent is our forte. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and platform for accessing the latest and most relevant career information across the globe.

Our newly designed website offers a set of tools that help you discover career opportunities and your personal potential. Whether you’re seeking a new job in academia, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your first stage toward a fulfilling future.

**Improved Website Features:**
- Relevant Job E-mail Alerts
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- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting
At Monsanto, our talented employees are contributing to our success as a global leader in agriculture. By delivering exceptional results in one of the world’s most important industries, we are creating solutions that improve productivity in farming while reducing the impact on our environment.

We are looking for a talented individual for the following position in St. Louis, MO:

**Bioinformatics Scientist**

The candidate will support the Worldwide Monsanto Vegetable Division in the areas of comparative genomics, comparative mapping and the integration of genetic and physical maps. The candidate will be expected to perform data analysis and information curation.

PhDs preferred. Master’s degree or equivalent in Biology, Bioinformatics or Computer Science or other related disciplines is acceptable.

To view a more complete and detailed job description of this exciting position, please visit our website at www.monsanto.com and to apply online select requisition # mons-00009844. We offer very competitive salaries and an extensive benefits package.

The life of any plant starts with a seed. Within the right environment it grows to become something amazing. At Monsanto, our philosophy is the same – we are committed to helping individuals progress in careers with unlimited potential.

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Monsanto is an equal opportunity employer who values diversity.
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Our newly designed website offers a set of tools that help you unlock career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your key to a brighter future.

**Improved Website Features:**
- Relevant Job E-mail Alerts
- Improved Resume Uploading
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- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.
Faculty Positions in Microbiology and Immunology  
University of North Carolina at Chapel Hill

The Department of Microbiology and Immunology in the School of Medicine at the University of North Carolina at Chapel Hill invites applications for a tenure-track faculty position from individuals studying microbe-host interactions that are relevant to human disease. Applicants at the Assistant Professor or Associate Professor level will be considered as part of an initiative to expand the university’s microbiology research activities.

UNC-Chapel Hill has a strong collaborative environment that includes basic, clinical, and translational research. Successful applicants will have opportunities to participate in larger interdisciplinary studies while developing an independent research program and participating in teaching. Information about the Department of Microbiology and Immunology is available at http://microimm.med.unc.edu/. Candidates should have a Ph.D. and/or M.D. degree and postdoctoral research experience. Candidates should apply by e-mail, sending a single PDF file containing the curriculum vitae, a 1-2 page description of future research plans, and the names and contact information (including e-mail addresses) for three references to Dr. Thomas H. Kauula, Chair of the Search Committee, at Micro_Search@med.unc.edu. Review of applications will begin December 1, 2008.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.

Vice President for Research

The South Dakota School of Mines and Technology invites nominations for the position of Vice President for Research (VPR). The successful candidate will provide administrative oversight, leadership, and mentorship in the development and implementation of campus-wide research that is linked to the university’s mission.

Sponsored research funding was approximately $10.1 million in FY08. An institutional priority is to expand the university’s already-successful research mission. The School of Mines plans to expand graduate degree programs and to enhance the intellectual property/technology transfer process. The VPR will provide a leadership role in achieving these institutional priorities.

The VPR reports directly to the University President serves on the President’s Executive Council, University Cabinet and chairs several institutional committees related to the research enterprise. Grants and contracts administration, research groups conducting federal contract work, research institutes and the office of technology transfer report to the VPR. Additionally, the VPR is the institutional representative to the state-wide Research Advisory Council, the South Dakota EPSCoR Office, as well as several local research-focused organizations.

The successful candidate will have an earned doctorate (with preference given to science and engineering), experience as an established researcher with a track record of external funding, knowledge of research regulatory and intellectual property policy, ability to work collaboratively with a diverse constituency, and demonstrated administrative abilities. U.S. citizenship is required to allow the VPR to participate in projects funded through the Department of Defense. The successful candidate, commensurate with experience and accomplishments, may be awarded faculty rank and status.

To apply for this position, applicants must apply on-line at http://sdmines.sdsmt.edu/sdsmt/employment. Contact Human Resources (605) 394-1203 if an accommodation to the on-line application process is required. Review of applications will begin January 15, 2009, and will continue until the position is filled.

SDSM& T is an EEO/AA/ADA Employer and Provider.

Dean of the School of Engineering and Applied Sciences

Harvard University is seeking an accomplished leader and distinguished scholar to serve as Dean of its School of Engineering and Applied Sciences (SEAS). As chief academic and administrative officer, the Dean provides leadership and vision and oversees all aspects of SEAS activities, including academic planning and faculty recruitment, budgetary and personnel matters, fundraising, and management and development of physical resources. The Dean is responsible for developing and strengthening connections with leaders from other disciplines, schools, and industry and for raising SEAS’ profile both within the University and externally, in national and international contexts.

The Harvard School of Engineering and Applied Sciences was formally launched one year ago. The launch officially recognized the growing strength of engineering and applied sciences and highlighted the University’s increased emphasis on technology and the practical consequences of discovery. The new School also reflects Harvard’s long tradition of providing a formal, advanced education in science and engineering, which began with the founding of the Lawrence Scientific School at Harvard in 1847. In building upon its longstanding traditions, SEAS seeks to serve as a model for 21st century education in engineering and applied sciences by promoting both technical expertise and a broad understanding of the relationship between technology, innovation and society.

Reporting to the Dean of the Faculty of Arts and Sciences (FAS), with dotted line reporting to Harvard’s Provost, the Dean is a member of a team of senior FAS academic deans, and also serves as a member of the President’s Council of Deans.

The new Dean will provide the leadership and managerial capacity required to build upon the School’s strong foundation and distinguished faculty. Candidates must have a track record of advancing educational and administrative agendas, especially through cross disciplinary collaboration, strengthening corporate and industry partnerships, and developing a global network of support for a broad range of innovative initiatives. Other requirements include outstanding scholarly achievement, demonstrated administrative ability in leading in a university, government laboratory, or industrial research environment, and a record of success in fundraising and long-range planning for complex institutions. A broad, technically rich understanding of engineering and the sciences, both theoretical and applied, and a talent for identifying and building new and emerging areas are essential. An entrepreneurial perspective, strong interpersonal and communication skills, and a clear commitment to diversity are also important requirements. Please send cover letter and CV to: SEASdeansearch@harvard.edu.

Harvard is an Equal Opportunity/Affirmative Action Employer. Applications from women and minorities are strongly encouraged.
ASSISTANT PROFESSOR, ECOLOGY
The Department of Biology at New Mexico State University invites applications for a tenure-track Assistant Professorship in ecology, requisition #2008011802. We seek an individual committed to undergraduate and graduate education with an outstanding record of research achievement to develop an externally funded research program. The successful candidate will hold a Ph.D. in biology or a related field. Postdoctoral experience is preferred. The Department of Biology serves undergraduate majors in biology, microbiology, and conservation ecology, and M.S. and Ph.D. graduate students. We maintain active and diverse research, teaching and outreach programs with strong Howard Hughes Medical Institute, NIH, and National Science Foundation support. Research is also supported by history museums and affiliations with the Jornada Basin LTER Program and the Institute for Applied Biosciences. Please visit our website: http://biology-web.nmsu.edu/. Application materials consisting of a signed letter of application, current curriculum vitae, statements of teaching philosophy and research plans, and contact information for at least three references, should be sent to: Ecology Search, P.O. Box 30001, MSC 3AF, New Mexico State University, Las Cruces, NM 88003, or as a single PDF file (include last name in file name) to e-mail: econsearch@nmsu.edu. Application review will begin November 2008, and continue until position is filled. NMSU is an Equal Employment Opportunity/Affirmative Action Employer. Offer of employment is contingent upon availability of funding, upon verification of eligibility for employment in the United States, and upon completion of all background verification.

Please submit only PDF applications to the e-mail address listed below.

PDF applications should include curriculum vitae, a list of publications, and a brief summary of accomplishments and direction of future research and be sent to e-mail: facultysearch@biochem.wisc.edu.

Three letters of reference should be forwarded to the same e-mail address with applicant’s name in the header. Review of applications will begin in December 2008.

The Department of Biology at John Carroll University seeks a tenure-track MICROBIOLOGIST. Candidates must have a Ph.D. (all-but-dissertation considered). Teaching experience or postdoctoral training is highly desirable. The successful applicant will teach introductory biology for majors, microbiology, and upper-level courses in his/her specialty. Research interest is open. For more information, please see website: http://www.jcu.edu/biology.

POSITIONS OPEN
ASSOCIATE PROFESSOR/ASSISTANT PROFESSOR in PLANT MOLECULAR BIOLOGY (PR095/08-09)
Hong Kong Baptist University
Department of Biology
The appointee is expected to teach in both undergraduate and postgraduate programs, conduct independent research, and undertake other administrative duties related to teaching in the Department and the faculty.

Applicants should have a Ph.D. degree in biology or related field, and demonstrate ability to conduct innovative research in plant molecular biology and teach courses in plant biology and biotechnology. For more information about the Department, please visit our website: http://www.hkbhu.edu.hk/~biol.

Terms of appointment: rank and salary will be commensurate with qualifications and experience. Remuneration packages include contribution by the University to a retirement benefits scheme and/or a gratuity payable upon satisfactory completion of contract, annual leave, medical and dental benefits for appointee and family and accommodation and relocation allowance where appropriate. Appointment will be made on contract basis for two/three years initially; reappointment or substantiation thereafter is subject to mutual agreement.

Application procedures: applicants are invited to write in response to the requirements and provide an updated curriculum vitae and/or fill in the application forms which are obtainable by downloading from the website: http://www.hkbhu.edu.hk/~pers; or by fax: 3411 7799 (local line only); or (c) in person from the Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong; fax: 852-3411-5001; e-mail: recruit@hkbhu.edu.hk.

Completed application form should be sent to the same address. Applicants are requested to send in brief summaries of their research interests and teaching experience and philosophy (one page for each summary), copies of transcripts/testimonials, three samples of most recent publications, and request three references to send in confidential reference to the Personnel Office directly. Please quote PR number on all correspondence. Details of the University’s Personal Information Collection Statement can be found at website: http://www.hkbhu.edu.hk/~pers/job.

The University reserves the right not to make an appointment for the posts advertised, and the appointment will be made according to the terms and conditions then applicable at the time of offer.

Closing date: 31 December 2008.

The Children’s Hospital of Philadelphia and the Division of Rheumatology in the Department of Pediatrics at the University of Pennsylvania School of Medicine seek candidates for an ASSOCIATE or ASSISTANT PROFESSOR position in the non tenure research track. Rank will be commensurate with experience. Applicants must have a Ph.D. degree.

The successful candidate will have expertise and demonstrated laboratory research achievements in the genetics, cell, molecular, or developmental biology of the immune system, in the study of angiogenesis, or in translational research in the rheumatic diseases. Please submit curriculum vitae and a letter of interest to:

Terri H. Finkel, M.D., Ph.D.
Joseph L. Hollander Associate Professor of Pediatrics
University of Pennsylvania
School of Medicine
Chief, Division of Rheumatology
The Children’s Hospital of Philadelphia
11 North, Abramson Research Center
34th and Civic Center Boulevard
Philadelphia, PA 19104-4318
Telephone: 215-590-7180
E-mail: finkelt@email.chop.edu

The University of Pennsylvania is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are strongly encouraged to apply.
FACULTY POSITION ANNOUNCEMENT

Assistant Professor, Vertebrate Physiological Ecology (Aquatic Emphasis)
Department of Wildlife, Fish, and Conservation Biology, University of California, Davis

We are recruiting a Vertebrate Physiological Ecologist (aquatic emphasis) at the tenured-track ASSISTANT PROFESSOR level, as a nine-month position, with the possibility of an appointment in the California Agricultural Experiment Station. Candidates must have the ability to develop a vigorous, extramurally-funded research program that addresses questions relevant to the physiological ecology and conservation of vertebrates in California’s diverse aquatic ecosystems, and to teach courses in vertebrate physiological ecology. Qualifications include Ph.D. in relevant discipline, and evidence of potential for accomplishment in research, teaching, and service.

Information and applications: http://secure.caes.ucdavis.edu/Recruitment/ Inquiries: Dr. Deborah L. Elliott-Fisk, Committee Chair, (530) 574-5256, email: deelliottfisk@ucdavis.edu. The position will remain open until filled but to ensure consideration, applications should be received by 30 January, 2009.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

ENVIRONMENTAL BIOLOGY
The Department of Biology at the University of Utah invites applications for a tenure-track faculty position in Environmental Biology at the level of Assistant Professor. We encourage applicants who are investigating the responses of organisms, communities, or ecosystems to environmental change. Areas of particular interest include paleoecology, biogeochemistry, microbial ecology, disease ecology, and impacts of invasive species on native communities. Applicants with interdisciplinary interests are particularly welcome. For an overview of the department please visit http://www.biology.utah.edu/. Applicants should submit in PDF format a curriculum vitae, up to 5 representative publications, descriptions of research and teaching interests, and have three letters of recommendation forwarded to Kami McNeill (kmcmillan@biotransition.utah.edu), Environmental Biology Search Committee, Department of Biology, University of Utah, 257 South 1400 East, Rm. 201, Salt Lake City, Utah 84112-0840, USA. Review of applications will begin on December 15, 2008 and continue until the position is filled.

The University of Utah is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities and provides reasonable accommodation to the known disabilities of applicants and employees. 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 Chicago
Director, Howard Taylor Ricketts Laboratory, and Professor, Department of Microbiology

The Biological Sciences Division and Pritzker School of Medicine at The University of Chicago seek to appoint the Director of the Howard Taylor Ricketts Laboratory (HTRL). Designed as a 48,000 sqf BSL-2/3 and ABSL-3 facility, HTRL will serve as Regional Biocontainment Laboratory for research conducted by the Great Lakes Regional Center of Excellence in Biodefense and Emerging Infectious Diseases, a research consortium supported through the National Institute of Allergy and Infectious Diseases. The candidate will have an established and internationally recognized research program in the areas of microbial pathogenesis or vaccine design and will be expected to provide HTRL leadership by support of ongoing research programs and development of new initiatives with extramural funding. The HTRL Director will receive an academic faculty appointment and participate in research programs of the Department of Microbiology at The University of Chicago as well as Argonne National Laboratory, a U.S. Department of Energy Laboratory managed by UChicago Argonne, LLC where HTRL is located. Applications with curriculum vitae and names of three or more referees should be submitted by January 1, 2009 and should be addressed to: Olaf Schneewind, M.D., Ph.D., Louis Block Professor and Chairman, Department of Microbiology, 920 E 58th Street, CLSC 1117, Chicago, IL 60637.

The University of Chicago is an Affirmative Action/Equal Employment Opportunity Employer.
VISITING ASSISTANT PROFESSOR
Cell Biology
Rollins College
Winter Park, Florida

The Department of Biology at Rollins College invites applications for a two-year Visiting Assistant Professor position in cell biology beginning August 2009. Ph.D. required at time of appointment. Preference given to broadly trained individuals in cell biology with an interest in either molecular biology/gene expression or biochemistry. Successful candidates must be prepared to teach an upper-level undergraduate cell biology course and an upper-level undergraduate course in molecular biology, genetics, or microbiology. The successful candidate will also teach general biology for majors and a general education course for non-majors. Review of applications will begin December 15, 2008, and continue until the position is filled. Please send letter of application, curriculum vitae, statement of teaching philosophy, statement of research interests, academic transcripts, and three letters of recommendation to: Dr. Stephen Kleemann, Chair, Department of Biology, Rollins College, 1000 Holt Avenue - 2743, Winter Park, FL 32789-4499. Founded in 1885, Rollins is an independent, comprehensive, liberal arts college. The campus, noted for its lakefront beauty and for its unique location, is set in the residential neighborhood of Winter Park, just 15 minutes from one of the nation’s most dynamic urban centers, Orlando. Rollins enrolls approximately 3,200 students in diverse degree programs at the undergraduate and graduate levels. Rollins ranks number one among 128 Southern Master’s-level universities in the annual rankings of America’s Best Colleges, released by U.S. News & World Report. For additional information, please visit the College website: http://www.rollins.edu/biology. Through its mission, Rollins College is committed to creating a fully inclusive, just community that embraces multiculturalism; persons of color and other historically underrepresented groups are therefore encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR
Applied Mathematics or Statistics

The Science Programs at the Vancouver Campus, and the Mathematics Department of Washington State University (WSU), invite applications for one full-time, tenure-track Assistant or Associate Professor position in applied mathematics or statistics, located in Vancouver. The successful candidate will be a dynamic and collaborative individual who applies mathematical or statistical techniques to biological, physical, and/or environmental problems. Area of specialization is open, but exceptions will be considered for complementing strengths of existing science faculty. Interested individuals should submit curriculum vitae, summary of research and career goals for junior applicants, and contact information along with three references addressed to :

Powel Kazarjan, M.D., Professor and Chief Division of Infectious Diseases Department of Internal Medicine
c/o Shelly Francis
1500 E. Medical Center Drive
3119 Taubman Center SPC 5378
Ann Arbor, MI 48109-5378

Or e-mail: francis@umich.edu.
The University of Michigan is an Equal Opportunity Employer; women and minority candidates are encouraged to apply.

ASSOCIATE or FULL PROFESSOR
Bioengineering
University of California, Merced

Associate/Full Professor position available in bioengineering in the School of Engineering at new University of California campus in Merced. The successful candidate will provide visionary leadership to continue the accelerating rise of the School toward greater national prominence. Individuals with a strong academic record, a Ph.D. degree or equivalent, an outstanding record in research, teaching, and service, and a record of independent extramural federal/national funding are encouraged to apply. The research area within bioengineering is open to persons with research interests that include cellular engineering, biomedical mechanics, photonics, signal transduction, or physiology/biophysics. For more information, or to submit your application, please visit our website: http://jobs.ucmerced.edu/a/academic/position.jd?positionid=1881.

AFFIRMATIVE ACTION/EEO EMPLOYER.

RESEARCH ASSOCIATES
Biology Department of Molecular and Cellular Biology
Harvard University

The Department is actively seeking Research Associates in a wide variety of fields within molecular and cellular biology. Most Research Associate appointments carry a one-year term, but may be extended depending on funding. For information on these research opportunities, application instructions, and required materials, please visit the molecular and cellular biology website: http://www.mcb.harvard.edu/jobs/research associates.html.

Harvard University is an Equal Opportunity Affirmative Action Employer.

TENURE-TRACK FACULTY POSITION
Bioinformatics
Memorial University of Newfoundland

The Departments of Computer Science and Biology at Memorial University of Newfoundland (MUN) invite applications for a tenure-track position in bioinformatics to begin September 19, 2009. Appointment will be at the ASSISTANT PROFESSOR level, with primary appointment in computer science, and equal responsibility in both departments.

A Ph.D. in computer science, computational biology, or related fields is required, and postdoctoral or equivalent experience is desirable. Applicants should have expertise and experience in bioinformatics, and be keen to do interdisciplinary work between the Departments. Applicants should possess a strong research record with outstanding promise for future research, and be able to demonstrate the potential for excellence in undergraduate and graduate teaching in bioinformatics.

Closing date for applications will be January 15, 2009. Details and information on the application procedure may be found at website: http://www.mun.ca/computerscience/employment/ (reference # VPA-COSC-2007-001).

Memorial University is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

ASSISTANT/ASSOCIATE PROFESSOR
Department of Pharmaceutical Sciences
The Feik School of Pharmacy
University of the Incarnate Word, San Antonio, Texas

A twelve-month, tenure-track pharmacists faculty position in the Department of Pharmaceutical Sciences, preferred start date is June 2009. Candidate for this position should have a Ph.D. in pharmaceutics, teaching, and/or postdoctoral experience is preferred. The candidate will be expected to develop and teach pharmacines and/or pharmacokinetics courses in the PharmD program. Visit the School of Pharmacy online at website: http://jobs.uiw.edu. The University of the Incarnate Word is an Equal Opportunity Employer.

A RESEARCH ASSOCIATE or POSTDOCTORAL POSITION
Open in the Department of Biochemistry and Molecular Biology at the Uniformed Services University of Health Sciences, F. Edward Hébert School of Medicine, Bethesda, Maryland. Research interests include DNA repair, homologous recombination, meiosis, and the mechanisms of chromatin remodeling. Experience in molecular biology and/or protein biochemistry is preferable. Please send curriculum vitae and contact information for your references to Dr. Galena Petukhova, e-mail: gpetukhova@usuhs.edu. Equal Opportunity Employer/Affirmative Action.
The pages of this journal are made of recycled fiber.

The staff of Science is doing its share to reduce, reuse, and recycle. The paper used in printing the pages of this journal contains reused materials. The additional wood used to create this paper comes from a paper mill participating in the PEFC Council (Programme for the Endorsement of Forest Certification) — ensuring the paper is made from a sustainable managed forest. And in the future Science and AAAS will look to do more to advance science and conserve the environment.

Sustainable Science, now printed on recycled paper with 30% postconsumer content.
VISITING ASSISTANT PROFESSOR
Marine Biology
Rollins College
Winter Park, Florida

The Department of Biology at Rollins College invites applications for a one-year Visiting Assistant Professor position in marine biology beginning August 2009. Ph.D. required at time of appointment. Preference given to individuals interested in teaching and conducting research in marine biology. The successful candidate must be prepared to teach an upper-level undergraduate marine biology course, and a senior seminar for undergraduate biology majors. Applications will be accepted until December 1, 2008. The successful candidate will also teach general biology for majors and a general education course for nonmajors.

Review of applications will begin December 15, 2008, and continue until the position is filled. Please send letter of application, curriculum vitae, statement of teaching philosophy, statement of research interests, academic transcripts, and three letters of recommendation to: Dr. Stephen Klemm, Chair, Department of Biology, Rollins College, 1000 Holt Avenue - 2743, Winter Park, FL 32789-4499.

Founded in 1885, Rollins is an independent, comprehensive, liberal arts college. The campus, noted for its lakefront beauty and for its unique location, is set in the residential area of Winter Park, just 15 minutes from one of the nation’s most dynamic urban centers, Orlando. Rollins enrolls approximately 3,200 students in degree programs at the undergraduate level. Rollins is ranked among the top one among 128 Southern Master’s-level universities in the annual rankings of America’s Best Colleges, released by U.S. News & World Report. For additional information, please visit the College website: http://www.rollins.edu/ and the Department of Biology website: http://www.rollins.edu/biology.

Through its mission, Rollins College is committed to creating a fully inclusive, just community that embraces multiculturalism; persons of color and other historically underrepresented groups are therefore encouraged to apply.

FACULTY POSITIONS
Biochemistry and Molecular Biology
Johns Hopkins Bloomberg
School of Public Health

The Department of Biochemistry and Molecular Biology at the Bloomberg School of Public Health at Johns Hopkins University invites applications for tenure-track faculty positions, preferably at the ASSISTANT PROFESSOR level. We seek applicants with a demonstrated ability to study problems of major public health relevance at the cellular, molecular, and/or structural level. Areas of interest include genome biology, epigenetics, stress sensing, aging, cancer, molecular aspects of nutrition, and reproductive biology. Successful applicants will be expected to establish an outstanding research program, be strongly committed to graduate training and education, and contribute to the success of the Department and School. Applicants should submit curriculum vitae, summaries of past research accomplishments and future research plans (maximum three pages each), and arrange for three letters of reference to be sent to: Dr. Pierre A. Coulombe, Professor and Chair, Department of Biochemistry and Molecular Biology, Bloomberg School of Public Health, Johns Hopkins University, 615 N. Wolfe Street, Baltimore, MD 21205 using the following e-mail address: e-mail: bmbfacultysearch@jhsphs.jhu.edu. Applications will be accepted until January 21, 2009. Women and members of underrepresented minorities are encouraged to apply.

CANCER VASCULAR BIOLOGY FACULTY POSITION
University of Southern California/Norris Comprehensive Cancer Center
Keck School of Medicine

The USC Norris Comprehensive Cancer Center of the Keck School of Medicine at the University of Southern California seeks applicants for a faculty position at the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level in the areas of innovative cancer vascular biology research, including generation of novel preclinical models and signaling pathways that drive cancer progression, and analyses of tumor vascular biology. The USC/Norris Comprehensive Cancer Program is a large, multidisciplinary institution with strong ties to the Keck School of Medicine. The successful candidate is expected to develop a productive, externally funded laboratory program, perform state-of-the-art research and establish an active, externally funded research program. The primary teaching responsibility will be to teach cancer-related courses in the preclinical and other preprofessional undergraduate, and graduate training programs. The successful applicant is expected to demonstrate excellence in research, teaching, and administration. Applicants should have a Ph.D. in molecular biology and a research program defined by their specific expertise. Applicants should have demonstrated the ability to establish an independent, externally funded research program. The successful candidate is expected to establish a successful, high-impact research program. The position is available immediately. Applications are invited from all qualified individuals. Women and members of underrepresented minorities are encouraged to apply. Women and members of underrepresented minorities are encouraged to apply. Applications should include a letter of interest, curriculum vitae, statement of research interests and plans, and names, and addresses of three referees.

EMORY UNIVERSITY
School of Medicine

ASSISTANT PROFESSOR, VERTEBRATE EVOLUTIONARY BIOLOGY

The Department of Biological Sciences at Marshall University is accepting applications for a tenure-track, Assistant Professor position in vertebrate evolutionary biology. The successful applicant will be expected to maintain excellence in undergraduate and graduate teaching and to establish an active, externally funded research program. The primary teaching responsibility will be to teach service courses in human anatomy for nursing and other preprofessional undergraduates, without cadaver dissection. The desired area of research is broadly defined as vertebrate evolutionary biology, but should complement existing departmental strengths in herpetology, vertebrate paleontology, analytical paleobiology, or animal physiology. Excellent spoken and written English skills are essential. Minimum qualifications: Master’s degree in a biology field and four or more years of research experience. Bachelor’s degree will be considered with additional experience.

Please send curriculum vitae to:
Brad Harten (e-mail: jharten@emory.edu)
Emory University
Emory University Department of Surgery

Emory University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR
ENVIRONMENTAL SOIL SCIENTIST
Department of Agronomy
Iowa State University

Application instructions, website: http://www.isu.edu/hr/applicants/center.html?quickfind=76558.

SENIOR RESEARCH SPECIALIST
Emory Transplant Center is seeking a Senior Research Specialist in molecular biology. Applicants must have extensive experience with, and an indepth understanding of, basic and specialized molecular biology technologies including molecular cloning, plasmid prep, transfection, viral transduction, PCR technologies, and hybridization technologies, including microarray. The successful candidate will have considerable experience with all aspects of the Affymetrix GeneChip system, Laser Capture Microdissection for gene expression; latest techniques of cell and nucleic acid isolation; and production of viruses. She/he will have familiarity with ABI thermal cyclers and sequence detection systems, ABI Primer Express software, and quantification of small amounts of nucleic acids.

Other required qualifications include strong organizational skills, maintenance of detailed laboratory records, sample archiving, and database management, training and supervision of laboratory personnel, operation and maintenance of laboratory equipment, and management of laboratory supplies and stocks. The candidate must bring an attitude of collaboration and contribution to a very active and visible research program. Excellent spoken and written English skills are essential. Minimum qualifications: Master’s degree in a biology field and four or more years of research experience. Bachelor’s degree will be considered with additional experience.

To apply, send curriculum vitae to:
Dr. Marshall University, One John Marshall Drive, Huntington, WV 25755. Review of applications will begin December 17, 2008. Marshall University is an Equal Opportunity/Affirmative Action/ADVANCE Employer; women and members of underrepresented minorities are encouraged to apply.
The John D. and Catherine T. MacArthur Foundation has committed $15 million for a new global initiative to provide rigorous professional training for future leaders in the field of sustainable development practice. Creation of the interdisciplinary degree program, the Master’s in Development Practice (MDP), is one of the core recommendations of the MacArthur-supported International Commission on Education for Sustainable Development. The year-long Commission was co-chaired by John W. McArthur, chief executive officer of Millennium Promise, and Jeffrey D. Sachs, director of The Earth Institute at Columbia University, and comprised of twenty eminent thinkers in the field of sustainable development.

The Foundation has issued a request for proposals to fund MDP programs at up to twelve universities around the world within the next three years. Programs should integrate the health, natural, and social sciences and management. For interested institutions, a letter of intent is due February 2, 2008. Proposals are due February 2, 2009. Please visit http://mdp.ei.columbia.edu or http://www.macfound.org/mdprfp for information on the Commission’s report and the request for proposals. Please send all inquiries to mdp-info@ei.columbia.edu.

INGVAR CARLSSON AWARD

The aim of the programme is to identify and support young, well-qualified postdocs who intend to start independent, lasting and creative research careers on their return to Sweden.

The Foundation intend to finance eight to twelve three-year grants of SEK 2-4 million each. In addition to the grant, each individual will be awarded a personal scholarship of SEK 50,000. A leadership training programme will be arranged for the grantees.

This announcement covers research in the natural sciences, engineering and medicine.

The following criteria apply for eligibility:

- The applicant must have received his or her PhD at a Swedish university not earlier than 1 January, 2006 (adjusted for documented parental leave and, in the case of MDs, any clinical internship/residency period (AT)).
- The applicant must have conducted continuous postdoctoral studies outside Sweden for at least 12 months prior to the application deadline.
- The applicant must be permanently active in Sweden. His or her work should have started not earlier than 1 January, 2008 and should start not later than 31 March, 2010.

The following criteria will be applied in the selection process:

- Scientific quality and potential, reflected in previous research as well as in the proposed research
- Originality and innovativeness of the proposed research
- Description of how the proposed research can be implemented in Sweden, as well as its strategic relevance and importance for Sweden’s future competitiveness
- Applicant’s international experience and network.

The application process takes place in one step; full proposals only are accepted.

The proposals must be written in English and submitted via the electronic application system (portal) of the Foundation at http://apply.stratresearch.se.

The submission period opens on 10 November 2008. All applications must be submitted by 2 February 2009 at 14:00 (2 pm CET) at the latest.

Detailed instructions will be found at the electronic portal.

www.stratresearch.se
POSTDOCTORAL FELLOWSHIPS
Department of Molecular and Cellular Biology
Harvard University

The Department is actively seeking Postdoctoral Fellows in a wide variety of fields within molecular and cellular biology. Some appointments are funded through research grants awarded to faculty members and are ordinarily for one year, sometimes renewable; other appointments are possible through individual Postdoctoral Fellowships. For information on these research opportunities, application instructions, and the list of faculty members with current openings, please visit the molecular and cellular biology website: http://www.mcb.harvard.edu/jobs/postdocs.html.

Harvard University is an Equal Opportunity Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR
Department of Anatomy and Neurobiology
Morehouse School of Medicine

The Department of Anatomy and Neurobiology at Morehouse School of Medicine, Atlanta, Georgia, invites applications for a full-time faculty position at the rank of Assistant/Associate Professor. The successful candidate will take part in the teaching of neuro-anatomy and neuro-surgery. Some to medical students, must demonstrate the potential to establish an independent extramurally funded research program, and will be a member of the Neuroscience Institute. Although outstanding candidates in all areas will be considered, special consideration will be given to investigators with teaching experience and whose research interests will complement the existing strengths of the Neuroscience Institute which include circadian rhythms, sleep, neuroprotection/repair, and visual science/retina.

Review of applications will begin on December 1, 2008, and will continue until the position is filled. Applicants should submit a letter of interest highlighting teaching experience and research interests, curriculum vitae, and names of three references to be sent to:

Dr. John Patrickson
Chair, Faculty Search Committee
Department of Anatomy and Neurobiology
Morehouse School of Medicine
720 Westview Drive S.W.
Atlanta, GA 30310
E-mail: jpatrickson@msm.edu

Morehouse School of Medicine is an Equal Opportunity Employer and encourages applications from underrepresented groups.

SHULL FELLOWSHIP at the Oak Ridge National Laboratory (ORNL): The Neutron Sciences Directorate of the ORNL invites applications for the Clifford G. Shull Fellowship. The Shull Fellowship provides an exciting opportunity to pursue research applying neutron scattering methods to forefront problems in physics, chemistry, biology, or materials science and engineering. Applications for Shull Fellowships commencing in 2009 are now being accepted. To receive full consideration, applications must be submitted by December 12, 2008. For more information, and to apply, go to website: http://jobs.orl.gov/index.cfm. ORNL is an Equal Opportunity Employer, committed to work force diversity. Applicants need not be U.S. citizens.

POSTDOCTORAL POSITION available at Wright State University School of Medicine to study DNA replication (website: http://www.med.wright.edu/bmb/xu/index.html). Excellent working conditions, salary, and career advancement. Applicants with Ph.D. or M.D./Ph.D. in biology may send curriculum vitae and references to e-mail: yong-jie.xu@wright.edu. Experience of yeast genetics or protein biochemistry is preferred. WSU is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP
Harvard Medical

We are seeking a motivated individual to join our studies on molecular mechanisms of lung injury and repair in animal models of disease. We focus on pulmonary hypertension, chronic lung disease, and the pathophysiologic of hypoxia. Current projects explore the therapeutic potential of stem cells on lung disease and the cytoprotective and antiinflammatory functions of heme oxygenase. The successful candidate will work closely with the Principal Investigator on experiments designed to elucidate novel mechanisms of lung injury and repair. Please send curriculum vitae and contact information for three references to:

Prof. Stella Kourembanas
Department of Pediatrics, Harvard Medical School
Chief, Division of Newborn Medicine
Children’s Hospital Boston
320 Longwood Avenue
Boston, MA 02115

Or send material to e-mail: sarah.gately@childrens.harvard.edu.

BIOLGY DEPARTMENT HEAD
Northern Michigan University

Position type: PROFESSOR and Department Head
Department: Biology

Description/requirements: visit website: http://www.nmu.edu/employment/ or call telephone: 906-227-2310.

Annual salary range: competitive.

Application deadline: Screening will begin December 15, 2008, and continue until the position is filled. NMU is an Equal Opportunity Employer.

POSTDOCTORAL ASSOCIATE POSITIONS

The Institute of Marine and Coastal Sciences at Rutgers, the State University of New Jersey, is seeking Postdoctoral Associates. One-year renewable appointments in the areas of biological, chemical, geological, and physical oceanography. To apply, please e-mail your resume and a statement of research interest, along with the names of three references by January 15, 2009, to Dr. Francisco E. Werner, e-mail: postdoc2009@marine.rutgers.edu. Rutgers is an Equal Opportunity/Affirmative Action Employer. Employment verification required.

Get your questions answered. Careers Forum www.SciencCareers.org

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