Shanghai Institutes for Biological Science (SIBS) is recruiting a highly motivated full-time Director of the Institute of Biochemistry and Cell Biology (IBCB), an institute conducting basic research relevant to human health with expertise in biochemistry, molecular biology, and cell biology. There are over 700 research staff in 50 research groups, including 11 members of the Chinese Academy of Sciences and the Chinese Academy of Engineering. Research at the Institute is divided into two major areas: in the field of biochemistry and molecular biology, the research focuses on protein science including proteomics, protein complexes, structural biology, gene expression regulation including epigenetics and noncoding RNAs, and male reproductive biology. In the field of cell biology, the research focuses on signal-transduction networks, stem-cell biology, immunology, development biology, and cancer biology. IBCB is also actively involved in translational research using animal models of human diseases and drug discovery-related small molecule screening.

SIBS is the largest life science research organization in the Chinese Academy. There are eight research institutes, including Institute of Biochemistry and Cell Biology, Institute of Neuroscience, Institute of Materia Medica, Institute of Plant Physiology and Ecology, Institute of Health Sciences, Institute for Nutritional Sciences, Institute Pasteur of Shanghai, and CAS-MPG Partner Institute for Computational Biology.

Qualified candidates must have a Ph.D., M.D./Ph.D., or equivalent graduate degree, outstanding academic and management credentials, and established leadership. Applicants should be at the tenured FULL PROFESSOR rank and are less than 50 years old. The successful candidate will be provided with a competitive startup package and is expected to develop a strong research program in addition to excellent leadership to IBCB. Attractive salary and other personal benefits are available.

Interested applicants should forward curriculum vitae, a brief description of research interests, a publication list, reprints of five selected papers published in the last five years, three reference letters, a copy of Ph.D. diploma, and other relevant certificates before January 15, 2009.

Mr. Weijun Wang
Shanghai Institutes for Biological Sciences
Chinese Academy of Sciences
320 Yue Yang Road, Shanghai, 200031, China
Fax: 86-21-54920078; telephone: 021-54920027; e-mail: wjwang@sibs.ac.cn

For more information, please visit website: http://www.sibs.ac.cn.

Funded by the European Commission grant, Marie Curie Development Host Fellowship, the Institute for Bioprocessing and Analytical Measurement Techniques has established a project team comprising of experienced scientists. The starting date was December 1, 2006.

To expand the project team, the position of an experienced scientist is available. The successful candidate holds a Ph.D. and has at least four years of experience in biophysics, physics, or (micro) engineering.

Starting as soon as possible the position will be funded for two years. The candidate will investigate microsystems to apply electrokinetic principles for biology, biotechnology, and biomedicine and will establish laboratory prototypes. Please send your application as soon as possible to the head of the Institute:

Prof. Beckmann
Institute for Bioprocessing and Analytical Measurement Techniques, Rosenhofstrasse 28, Heidelberg, Germany
Telephone: 49 6221 671-100

E-mail: dieter.beckmann@iaph-heiligenstadt.de
Website: http://www.iaph-heiligenstadt.de/

Equal opportunities, particularly between women and men, are given.

Science Careers
From the journal: Science

Science Careers
Classified Advertising

We’ve got Careers down to a Science.
Tenure-Track Investigator Position Available
The National Institute on Alcohol Abuse and Alcoholism (NIAAA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (HHS), is recruiting for a tenure-track investigator to establish an independent research program in the area of human physiology and pharmacokinetics within the Laboratory of Clinical and Translational Studies (LCTS), Division of Intramural Clinical and Biological Research (DICBR), NIAAA. Individuals with interest in the pharmacology of alcohol in humans and experience employing an integrative approach to evaluate the genetic and environmental determinants of the pharmacokinetics and pharmacodynamics of psychoactive agents are encouraged to apply.

Candidates must hold a Ph.D., M.D., Pharm D or equivalent degree and have at least 3 years of postdoctoral experience. The selected candidate will be expected to establish an independent program to develop model laboratory paradigms to screen novel potential treatments for alcoholism and to evaluate genetic and environmental determinants of variability in the pharmacokinetics and CNS pharmacodynamics of alcohol in humans. Criteria for selection will include: a strong publication record, demonstrated expertise in clinical pharmacology, including advanced pharmacokinetic modeling skills, demonstrated success in leading and mentoring research staff at various levels (i.e., postdoctoral fellows, research associates, technicians, etc.), and demonstrated success in establishing, facilitating and maintaining collaborations. Resources provided to the selected candidate include laboratory and office space, personnel and an operating budget sufficient to develop this independent research program.

Interested candidates wishing to be considered for this position may submit a curriculum vitae, bibliography, the names and addresses of three references, and a brief proposal that reflects the applicant’s research interests/goals and an approach for establishing an independent research program, by the closing date to: Chair, Search Committee, NIAAA, National Institute on Alcohol Abuse & Alcoholism (NIAAA), NIH, c/o Ms. Patricia Scullion, 5635 Fishers Lane, Room 3061, Bethesda, MD 20892 **For Federal Express delivery, Rockville, MD 20852. OR Submit Via Secure Email: LCTSRecruit@mail.nih.gov.

NOTE: The closing date for receipt of applications is January 28, 2009

Tenure-Track Investigator Position Available
The National Institute on Alcohol Abuse and Alcoholism (NIAAA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (HHS), is recruiting for a tenure-track Investigator to establish and direct an independent research program in the area of comparative behavioral genomics in the Laboratory of Neurogenetics (LNG), Division of Intramural Clinical and Biological Research (DICBR), NIAAA. The selected candidate will be expected to establish an independent research program that examines how genetic and environmental factors relate to intra- and inter-specific variation in traits that, in humans, are known risk factors for alcohol use disorders (e.g., stress reactivity, behavioral dyscontrol, reward seeking/sensitivity). Candidates must hold a Ph.D., M.D. or equivalent degree. Criteria for selection will include: a strong publication record in the field of genetics/genomics, demonstrated experience using animal models of human psychiatric disorders or additions, demonstrated success in establishing and maintaining collaborations and demonstrated success in leading and mentoring research staff at various levels (e.g., postdoctoral fellows, research associates, and/or technicians).

Resources provided to the selected candidate include laboratory and core laboratory facilities, office space, personnel and an operating budget sufficient to develop this independent research program.

Interested candidates wishing to be considered for this position may submit a curriculum vitae, bibliography, the names and addresses of three references, and a brief proposal that reflects the applicant’s research interests/goals and an approach for establishing an independent research program, by the closing date to Ms. Patricia Scullion at address below. *Note – we encourage you to submit your complete application electronically so that we may confirm receipt of your materials.* Chair, Search Committee, c/o Ms. Patricia Scullion, National Institute on Alcohol Abuse & Alcoholism (NIAAA), NIH, c/o Ms. Patricia Scullion, 5635 Fishers Lane, Room 2023, Bethesda, MD 20892, **For Federal Express delivery, Rockville, MD 20852. OR Submit Via Secure Email to: LNGRecruit@mail.nih.gov. The closing date for receipt of applications is January 28, 2009.

Staff Scientist
Signaling Transduction Abnormalities in Cancer
The Staudt laboratory of the Metabolism Branch, Center for Cancer Research, National Cancer Institute seeks applications for a Staff Scientist position to lead the laboratory’s analysis of pathological signaling pathways in lymphoid malignancies. This 5-year renewable position in the National Cancer Institute is an outstanding opportunity for a scientist who wishes to study the molecular pathogenesis of cancer in a stimulating and well-supported environment. The laboratory is using RNA interference genetic screens to identify genes that are required for the proliferation and survival of cancer cells (Ngo et al. Nature 2006 441:106; Shaffer et al. Nature 2008 454:226; Bidere et al. Nature 2008, in press). These screens have revealed constitutive activation of anti-apoptotic signaling pathways in lymphoid malignancies, leading to the discovery of oncogenic activating mutations affecting signal transduction molecules (Lenz et al. Science 2008 319:1676). The Staff Scientist will investigate the aberrant signaling networks in lymphoid malignancies and devise therapeutic strategies to capitalize on these insights, using biochemical, molecular biological and genomic methodologies. This is a key leadership position in the Staudt laboratory, which consists of 16 highly collaborative researchers. The successful candidate will have an M.D. and/or Ph.D. degree, at least 3 years of post-doctoral research, and a strong publication record in the field of signal transduction. United States citizenship is not required but proficiency in English is essential. Please submit curriculum vitae and 3 letters of reference to:

Louis M. Staudt, M. D., Ph.D., Deputy Chief, Metabolism Branch, CCR, NCI, Bldg. 10, Rm. 4N114, NIH, 9000 Rockville Pike, Bethesda, MD 20892.

POSTDOCTORAL FELLOWSHIPS IN MOLECULAR AND CELL BIOLOGY AT THE NIH
We are a group of molecular and cell biologists on the main intramural campus of the National Institutes of Health (NIH) in Bethesda, Maryland, a 20-minute ride from Washington, D.C. The intramural program of the NIH offers an outstanding research environment and many opportunities for collaborations. Applications are invited from individuals of the highest caliber with Ph.D., M.D., or M.D./Ph.D. degrees. The current research interests of the group include:


Interested candidates should submit a cover letter and a curriculum vitae/bibliography, and arrange to have three letters of recommendation sent to one of the investigators above, or to be considered for more than one lab to Dan Camerini-Otero (camerini@nclcfgr.gov) at: Bldg. 5, Rm 201, 5 Memorial Dr, MSC 0534, National Institutes of Health, Bethesda, MD 20892-0538.
Department of Health and Human Services  
National Institutes of Health  
National Cancer Institute  
Center for Cancer Research  

Senior Tenured or Tenure-Track Investigator Position

The Mouse Cancer Genetics Program (MCGP), Center for Cancer Research (CCR), National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS) is accepting applications for the position of a Senior Tenured or Tenure-Track Investigator to develop an independent research program focused on mechanistic analysis in cancer biology. The current MCGP labs directed by Dr. Terry Van Dyke focus on the in vivo analysis of complex biological problems, with expertise in the areas of cell cycle regulation, apoptosis, genome stability, receptor tyrosine kinase signaling in development and cancer, angiogenesis, stem cell regulation and complex genetics.

In addition, the newly established NCI Center for Advanced Preclinical Research (CAPR) provides a unique opportunity to translate basic discovery into preclinical and clinical application using an extensive infrastructure that incorporates the use of genetically engineered cancer models with modern analytical technologies and therapeutic/diagnostic development. Candidate will develop/sustain a laboratory that is focused on complex cancer-related biological processes, building on the existing strengths of MCGP. Areas of emphasis for recruitment include metastasis, cancer-propagating (stem) cells and mechanisms, the cancer microenvironment (particularly the role of the immune system), and mechanisms of resistance.

Candidates are expected to establish or continue highly competitive research programs in one or more of these areas. Utilization of comparative genomics, proteomics, and/or complex genetics in the approach to these problems is desired, but not required. Candidates must have strong written and oral communication skills; record of high quality publications showing significant contributions to the conceptual understanding of cancer mechanisms; have strong analytical skills and a demonstrated ability for collaborative or team science; and must be sufficiently experienced to function independently, both in the development of their own research efforts and (in the case of established investigators) in the mentoring and supervision of junior investigators.

Applicant will be provided sufficient space, equipment and supply budget. Salary is competitive and commensurate with research experience and accomplishments and a full Civil Service package of benefits (including retirement, health insurance, life insurance, and a Thrift Savings Plan). Candidates may be eligible for the NIH Loan Repayment Program. This position is not restricted to U.S. citizens but candidates must have a Ph.D. and/or M.D. degree.

Interested individuals should send a cover letter, curriculum vitae, a brief summary of research experience, accomplishments and research interests and goals, copies of three publications or reprints, and have at least three letters of reference sent to: Ms. Elizabeth Brawner, Administrative Officer, NCI-Frederick, PO Box B, Bldg. 578, Frederick, Maryland, 21702-1201, Tel. 301-846-1066, FAX 301-846-6053, E-mail: brawnere@mail.nih.gov, by January 2, 2009. PDF files are encouraged.

NIMH

National Institute of Mental Health

Division of Intramural Research Programs  
Scientific Core for Mental Health Services, Economics, and Public Health  
Core Director

The Division of Intramural Research Programs (DIRP), National Institute of Mental Health (NIMH), National Institutes of Health (NIH), seeks an accomplished Staff Scientist to be the Director of the Scientific Core for Mental Health Services, Economics, and Public Health; to conduct research and analyses that enable NIMH to address key scientific and policy issues relating to mental health services and intervention research in a proactive way; in service of NIMH’s strategic objective of strengthening the public health impact of NIMH-supported research. The Core Director has full responsibility for the policy, planning, scientific and fiscal management, analysis, and operational aspects of the Core. 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 inter-disciplinary collaboration with scientists throughout the NIH. The successful candidate will be expected to complement and strengthen the current NIMH Division of Intramural Research Program, the Extramural Research Program and other divisions and offices within NIMH, and at the level of the NIMH Director’s Office.

Applicants should have a Ph.D. or equivalent degree in economics or health services research, and a minimum of ten years of experience conducting policy-relevant health economics and health services research, with particular focus on research relating to the development and dissemination of evidence-based mental health practice, including financing issues; and experience engaging and working with key stakeholder groups, such as large employers and public and private health plans.

The ideal candidate must have a record of high scientific achievement and should also have leadership experience, including oversight of team members. Finally, applicants should have experience directly administering a research program. These achievements should be nationally and/or 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 experience with research administration, and goals, written statement with perspective on the needs and opportunities necessary to move from having clinically efficacious interventions to achieving large-scale use of such interventions and resulting public health benefits. Statement should indicate how the applicant’s particular expertise and background could contribute to this transition. Applicant should also send three letters of reference to: Dr. Richard Frank, Chair, Search Committee for Scientific Core, NIMH, NIH, 9000 Rockville Pike, Bethesda, MD 20892; or e-mail to: Steyerm@mail.nih.gov. Application deadline: January 5th, 2009.
The University of New Hampshire (UNH) invites nominations and letters of application for the position of Director, Institute for the Study of Earth, Oceans, and Space (EOS). The EOS Director will provide dynamic leadership for formulating and implementing a compelling shared vision to advance Earth systems and space science research at UNH within an international context. As one of nine dean-level positions reporting directly to the Provost, the EOS Director is a senior academic and research officer with specific responsibility for advancing research, outreach, engagement and academic integration activities for EOS. The University actively promotes a dynamic research and learning environment in which qualified individuals of differing perspectives, life experiences, and cultural backgrounds pursue academic goals with mutual respect and shared inquiry.

UNH is a major research institution, providing comprehensive, high-quality undergraduate and graduate programs. UNH offers students the living and learning environment of a New England liberal arts college with the breadth, spirit of discovery, and civic commitment of a land-, sea-, and space-grant research university. UNH is located in Durham on a 188-acre campus, 60 miles north of Boston, 8 miles from the Atlantic coast, and is convenient to New Hampshire’s lakes and mountains. The total enrollment at UNH is 14,000 students. The full-time faculty of over 650 offers more than 90 undergraduate and 70 graduate programs.

EOS is currently the largest research unit at UNH, expending approximately $38 million in annual external funding. Research areas include Earth systems studies with a focus on environmental change and human interactions with that change; climate records in snow, ice, and other proxies; atmospheric chemistry and dynamics; field and modeling studies of ecosystem ecology and biogeochemistry; large scale hydrology; and physical, chemical, and biological oceanography. Remote sensing and geographic information systems are central themes, bridging many Earth systems investigations. Space system studies include heliophysics, high energy astrophysics, and as well as theoretical space and plasma physics. In depth information about EOS, its programs and faculty can be found at: http://www.eos.unh.edu.

The successful candidate will be an internationally prominent leader, addressing policy and research issues of compelling interest to the Earth systems and space science research community. Further, the successful candidate will have a deep intellectual curiosity and an understanding of and appreciation for the breadth of faculty research activity within EOS and across UNH. A strong record of accomplishment in scholarly research appropriate for appointment as a tenured Full Professor is required; as is a record of success in assisting faculty in the advancement of their research. Strong communication skills, demonstrated ability to work collaboratively with other administrative units, and a demonstrated success in leadership, including the ability to work collaboratively with diverse constituents are necessary. A position profile is available at http://www.eos.unh.edu.

The confidential review of nominations and applications will begin now and continue until the position is filled. Starting date is negotiable, but soon after July 1, 2009, is preferred. Successful nominations and applications will include a letter of interest, curriculum vitae, and full contact information for five references. These should be sent by email only (in pdf or Word.doc format) to: eos.search@unh.edu. References will not be contacted without permission of the applicant.

The University seeks excellence through diversity among its administrators, faculty, staff, and students. The University prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.

The Program in Molecular Medicine at the University of Massachusetts Medical School invites applications for a SENIOR TENURED or JUNIOR TENURE-TRACK faculty position. The Program consists of basic scientists and physician scientists representing a broad range of disciplines in the biomedical sciences, and operates as an academic department in the Medical School. The Program occupies a modern research building of approximately 80,000 square feet on an expanding Medical School campus. Core facilities for deep sequencing, proteomics, genotyping, fluorescence-activated cell sorting, digital imaging and confocal microscopy, genomics/bioinformatics, transgenic/knockout mice, and mouse metabolic phenotyping are available. The position will be highly competitive with regard to start-up funds, laboratory space and salary. The Program seeks an individual of outstanding research potential in any of the broadly defined areas of cell, developmental, molecular or structural biology; pathophysiology and translation; genomics/proteomics and bioinformatics; chemical and structural biology.

Applicants should send curriculum vitae, statement of research interests, and names and addresses of three references to:
Dr. Roger Davis, Search Committee Chair,
or Dr. Michael P. Czech, Director
Program in Molecular Medicine
University of Massachusetts Medical School
373 Plantation Street
Worcester, MA 01605
Website (http://umassmed.edu/pmm/)
As an Equal Opportunity and Affirmative Action Employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds.

The Program in Cell and Developmental Dynamics and the Program in Molecular Medicine at the University of Massachusetts Medical School have an opening for a SENIOR TENURED or JUNIOR TENURE-TRACK faculty member. The Program in Cell and Developmental Dynamics is an interdepartmental program housed in state of the art laboratories with access to core facilities for deep sequencing, genotyping, protein chemistry and proteomics, fluorescence-activated cell sorting, digital imaging and confocal microscopy, shRNA knock down, genomics and mouse transgenics/gene knock out. The successful applicant will have a primary appointment in the Program in Molecular Medicine, which consists of basic scientists and physician scientists representing the full spectrum of disciplines in the biomedical sciences.

The positions will be highly competitive with regard to start-up funds, laboratory space and salary. The Program seeks individuals of outstanding research potential in the broadly defined areas of cell and developmental biology. Applicants with research interests that complement new institutional initiatives in stem cell biology and RNAi therapeutics are encouraged.

Applicants should send curriculum vitae, statement of research interests, and names and addresses of three references to:
Dr. William Theurkauf
Program in Cell and Developmental Dynamics
University of Massachusetts Medical School
377 Plantation Street
Worcester, MA 01605
As an Equal Opportunity and Affirmative Action Employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experience, perspectives, and backgrounds.
The Department of Biotechnology, Ministry of Science and Technology, India, and the Wellcome Trust, UK, have established an Alliance to fund biomedical research fellowships in India.

These fellowships will provide opportunities for support at key career stages and will fund science across the full spectrum of biomedical research, from fundamental molecular and cellular studies through to clinical and public health research.

### Intermediate Fellowships for Researchers in India

For excellent scientists who wish to undertake high-quality research and to establish themselves as independent researchers in India.

The Fellowship provides five years’ funding to support the Fellow’s salary and research expenses. Fellows may spend up to 12 months outside their host institution either in other laboratories in India or elsewhere.

Candidates should have between three and six years’ postdoctoral (or equivalent clinical) research experience at submission of a full application.

**Deadlines**
- Preliminary applications must be received no later than **2 February 2009**.
- Full applications will be invited by **2 March 2009**.
- Awards can be taken up from **September 2009**.

### Early Career Fellowships for Researchers in India

For the most promising newly qualified postdoctoral researchers to make an early start in launching their independent research careers, working in the best laboratories in India.

The Fellowship provides four years’ funding to support the Fellow’s salary and research expenses. Fellows may spend up to 12 months outside their host institution either in other laboratories in India or elsewhere.

Candidates should:
- be Indian nationals, but do not have to be resident in India during the application process
- have no more than 12 months’ postdoctoral (or equivalent clinical) experience at submission of a full application.

**Deadlines**
- Preliminary applications must be received no later than **30 April 2009**.
- Full applications will be invited by **1 June 2009**.
- Awards can be taken up from **December 2009**.

Further information and preliminary application forms are available at [www.wellcomedbt.org](http://www.wellcomedbt.org)

Wellcome Trust/DBT India Alliance is a registered charity in India.
The High Throughput Drug Screening Facility (HTDSF) uses a combination of robotics, computational tools and small molecule libraries to study biological pathways and to discover novel probes which potentially could be developed as therapies for cancer, infectious diseases, immunology and virology. The Facility develops, validates and performs both chemical (ChemScan) and genomewide (GeneScan) screening on biological assays submitted by the MSKCC investigators.

We are seeking a highly-motivated, multi-discipline trained scientist to join our group to implement all aspects of cell based assay development and screening. This position requires expert knowledge of cell biology and will work closely with MSKCC investigators to develop and validate cell-based assays for high-throughput screening of small molecules and/or siRNAs. The candidate should have experience in signal transduction, phenotypic screens, and/or functional genomics. This position offers a unique opportunity for a talented scientist to work in a dynamic and innovative environment at the heart of basic research and drug discovery and development.

A minimum of 2-4 years of biotech/pharmaceutical experience with an emphasis in cell based assay development and high content screening (we will also consider academics with a strong performance record in similar scientific disciplines). Solid background in the development, troubleshooting of cell-based assays, automated imaging and screening data acquisition and analysis is highly desirable. Candidates should have excellent communication skills, computer skills, meticulous lab technique and recording of findings and must be able to work in a highly collaborative manner.

Interested candidates should send their CV and three letters of references to djballh@mskcc.org. EOE/AA.

The Technische Universität Berlin intends to fill the post of University professor in experimental plasma physics, W2 (Ref. No. II-776), in its Centre for Astronomy and Astrophysics. The post is a joint appointment (S-Professor) within the framework of a co-operation agreement between the Technische Universität Berlin and the Max-Planck-Institut für Plasmaphysik (Garching and Greifswald).

The focus of the appointment lies in the area of experimental plasma astrophysics (laboratory astrophysics, high temperature plasmas, cold plasmas, spectroscopy). It is expected that the successful candidate will represent the discipline in research and be active in acquiring contract funding. He or she will also be involved in the Bachelor and Masters teaching programme of the Centre for Astronomy and Astrophysics. The teaching duties involve five hours a week (3 SWS).

Candidates must fulfill the requirements for professional appointments according to § 100 of the Berliner Hochschulgesetz (BerlHG), and should have teaching experience and an outstanding research record in the area of experimental plasma physics.

Written applications (quoting the reference number II-776) with the usual documentation should be sent to the President of the Technische Universität Berlin, Fakultät II Mathematik und Naturwissenschaften – Geschäftsstelle Physik – Sekretariat EW 2-1, Hardenbergstraße 36, 10623 Berlin by 31.01.2009.

The Technische Universität Berlin wishes to ensure equal opportunities for men and women; it therefore specifically invites women with the above qualifications to apply for this post. Seriously handicapped persons with equal qualifications will be given preference.

The Department of Orthopaedic Surgery and the Department of Mechanical Engineering at Stanford University in conjunction with the Veterans Affairs Palo Alto Health Care System (VA) seek applicants for the position of Associate or Full Professor (Research). This is a joint academic appointment between the Schools of Medicine and Engineering at Stanford University. The individual selected will hold the position of Director of the Rehabilitation Research and Development (RR&D) Bone and Joint Center of the Palo Alto VA. Employees of the VA must be U.S. citizens. This is intended to be a broad based search and may encompass individuals with a wide range of expertise.

The RR&D Bone and Joint Center is a major national laboratory focusing on basic and clinical musculoskeletal research at scales that range from the cell to whole body movement. The successful applicant will have a well-established history of research on topics related to the Center’s focus, demonstrated the ability to collaborate with both clinical and basic scientists, the proven capacity to attract federal research funding and will be expected to have leadership and administrative abilities in a multidisciplinary environment. Preferred research interests include regenerative medicine, biomaterials, cell or molecular engineering, or musculoskeletal bioengineering. The candidate will be expected to serve as a research supervisor for doctoral candidates, mentor post-doctoral fellows, lecture in Orthopaedic Surgery and interact with students and faculty at all levels.

The application should include a brief research plan, a resume, and the names and addresses of at least five references, which should be sent to: William J. Maloney, MD, Professor and Chair, Department of Orthopaedic Surgery, 300 Pasteur Drive, Edwards R109, Stanford, CA 94305-5335. You may also submit your application via email to: ksjoblo@stanford.edu

Stanford University and the Veterans Affairs Palo Alto Health Care System are Equal Opportunity Employers and are committed to increasing the diversity of their faculty. They welcome nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university’s research, teaching and clinical missions.
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Because Groupe DANONE central strategy is to create a science which brings health through food, Danone Research is recruiting scientists ready to confront their ideas, curious about others works, with an analytical mind, always looking for concrete results. The meaning of their work is to bring benefits to each product whether it be a health, nutritional or pleasure benefit. If like our 500 international scientists, experts in ferments and probiotics, in nutrition and physiology; immunology or cardiovascular health, you wish to contribute to the creation of a new “health food”, come and share our ambition.

www.research-careers.danone.com
The Department of Molecular Virology, Immunology, and Medical Genetics has an immediate opening for a research-track position at the Associate or Full Professor level. Candidates should have a Ph.D. and/or M.D. degree, postdoctoral experience, and a strong commitment to cancer genetic research. Experience and background in Microarray Core Facility leadership with full operational responsibilities will be important. The individual will be responsible for all operations within the Microarray Core Facility as Core Director in support of ongoing research at the University. Cooperative research and collaboration with internal and external investigators will also be critical to the success of the position. Ongoing leadership will also be required to bring next generation technologies development to the Core Facility to stay at the forefront of gene expression profiling with emphasis in several aspects of human genetics and cancer.

The Department of Molecular Virology, Immunology, and Medical Genetics is under the leadership of Dr. Carlo M. Croce, and is affiliated with the Comprehensive Cancer Center and the Arthur G. James Cancer Hospital and Solove Research Institute. The Ohio State University campus includes an NIH-funded Comprehensive Cancer Center, the College of Medicine, the nearby College of Biological Sciences, and other colleges with comprehensive undergraduate and graduate programs.

Applications should include detailed curriculum vitae and description of research experience. Information about the University and the Department of Molecular Virology, Immunology, and Medical Genetics can be obtained by contacting our web sites (http://medicine.osu.edu/mvimg/). Application material should be sent to: Chris Scarcello, MBA, Assistant Director, Administration, The Ohio State University, Comprehensive Cancer Center, 650 Ackerman Road, Room 325B, Columbus, Ohio 43202.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, veterans and individuals with disabilities are encouraged to apply.

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**Grant for Postdoctoral Positions in Sweden**

This grant enables researchers with doctorates (PhDs or equivalent) to work at Swedish higher education institutions or research establishments. The programme spans up to two years. Research areas: Natural Sciences, Engineering Sciences, Medicine, Humanities, Social Sciences and Educational Sciences.

Call for applications opens early January. Submission deadline is February 26, 2009.

**Further information at www.vr.se**

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**Postdoctoral Scientist**

£25,622 - £27,223 per annum

Postdoctoral Scientists are encouraged to apply for a position in the laboratory of Stephen Williams at the MRC - LMB, Cambridge.

The laboratory studies synaptic integration in central neurons and explores the operation of neocortical circuits, using advanced electrophysiological recording techniques and optical recording and stimulation approaches.

We are seeking candidates with skills in electrophysiology, molecular biology or physics that can contribute to this program. You should have a strong interest in cellular and systems neuroscience, be self-motivated with a high degree of creativity and the ability to focus on complex tasks and drive them to completion.

You will be awarded an MRC Career Development Fellowship, which is a three year training and development position for a postdoctoral scientist who has recently completed their doctoral studies or is moving into a new research discipline. For informal enquiries please email swr@mrc-lmb.cam.ac.uk.

Your salary is supported by a flexible pay and reward policy, 30 days’ annual leave entitlement, an optional MRC final salary pension scheme and excellent on site sports and social facilities.

Applications for this role must be made online at http://jobs.mrc.ac.uk by inputting reference number LMB08/686. Please include a CV and covering letter with your application. If you do not have access to the internet or experience technical difficulties please contact 01793 301280.

Closing date: 2 January 2009.

The Medical Research Council is an Equal Opportunities Employer.
In the second competition for its Med into Grad Initiative, the Howard Hughes Medical Institute will award four-year institutional grants to educational programs that incorporate the knowledge and skills of medicine and pathobiology into graduate education. The awards may be used to enhance existing graduate training programs or initiate new programs to train biomedical scientists who are better prepared to translate the discoveries of basic biological science into the treatment of human diseases.

Applications will be accepted from any institution in the United States that offers a Ph.D. in one or more of the biomedical sciences. The proposed program must be affiliated with a facility that is engaged in medical education. Awards will range from $400,000 to $1 million over the four years of funding. For more information, please visit www.hhmi.org/ref/mig/sci.

Register intent to apply by January 6, 2009
Application deadline: April 27, 2009
Award notification: September 2009

Making a real-life difference.
MedImmune people do it every day.
They are more than dedicated. They are passionate. Because they know their work is too important not to give everything, every day. MedImmune people also see the positive results of their work – that’s where the exceptional satisfaction comes in.

We invite you to join us at MedImmune, as our pipeline of research and products continues to grow – and as we impact more lives more often, around the world.

We have opportunities available in the following areas:
• Medical/Clinical • Development • Research • Regulatory

For more information on these opportunities and to APPLY ONLINE, visit our web site at: www.medimmune.com/careers

MedImmune, Inc. is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, gender, age, national origin, disability, veteran status, or any other characteristic protected by federal, state or local law.

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2009
MED INTO GRAD INITIATIVE

The Department of Molecular Biology at Princeton University invites applications for a tenure-track faculty position at the assistant professor level. We are seeking an outstanding investigator in the general area of biochemistry with a special emphasis on structural biology. Ph.D.s or M.D.s with postdoctoral research experience may visit www.molbio.princeton.edu/faculty-search for more information and to apply. Applicants will need to provide a cover letter, curriculum vitae and a short summary of research interests. We also require three letters of recommendation. All materials must be submitted as PDF files. For full consideration, applications should be received by January 15, 2009.

We request that you please link to: http://web.princeton.edu/sites/dof/applicantsinfo.htm to complete the Applicant Self-Identification form.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.
Science Careers is the window that displays your vision.

 Revealing your vision to employers is our job. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and entry point to the latest and most relevant career information across the globe.

 Our newly designed website offers a set of tools that reveal 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 window to a limitless future.

 Improved Website Features:
 » Relevant Job E-mail Alerts
 » Improved Resume Uploading
 » 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.
Institute of Structural and Molecular Biology (ISMB)  
At University College London – Birkbeck College London

**Two Lectureships in “Microbial Macromolecular Systems”**

The Institute of Structural and Molecular Biology (ISMB) is seeking applications to fill two lectureships in Microbial Macromolecular Systems that the ISMB wishes to fill by September 2009.

We want to recruit outstanding individuals who are capable of developing world-class, interdisciplinary research in the structure and function of complex molecular nanomachines of microbial origins (for example ribosomes, transcriptosomes, secretion systems, etc…). We are especially interested in expertise with systems that are amenable to in vitro reconstitution, and structural and functional analysis using a range of biochemical and biophysical approaches, with potential for antimicrobial drug development. Successful applicants will also be expected to make an appropriate contribution to the affiliated departments’ portfolios of graduate and undergraduate teaching.

The ISMB (www.ismb.lon.ac.uk) is a centre of excellence, which jointly consists of the School of Crystallography and the School of Biological and Chemical Sciences at Birkbeck College and the Research Department of Structural & Molecular Biology at University College London (UCL). It was established to foster closer links between the three departments and also to provide a bridge with the Department of Chemistry at UCL. The Institute provides a scientific environment conducive to world-class research in the field of biomolecular science. Work at the Institute seeks to integrate the chemical and physical sciences to provide the molecular basis of protein function. The ISMB also seeks to exploit the knowledge of protein function to further our understanding of human diseases.

The salary range that is offered for these posts will be within the University Lecturer A (£35,239 – £38,250 inc. LW) or Lecturer B (£39,313 – £46,403 inc. LW) range according to experience. Job descriptions can be found at (www.ismb.lon.ac.uk ) and at the respective departmental web sites (http://www.smb.ucl.ac.uk/) and (http://www.cryst.bbk.ac.uk/).

Applicants should send their CV and names and addresses of three referees to Ms Caroline Gougerty, Division of Biosciences, University College London, Gower Street, London, WC1E 6BT, UK or email: c.gougerty@ucl.ac.uk. CVs should contain an account of applicant’s current research activities together with a plan of future research intentions. The Head of the ISMB, the UCL Research Department of Structural and Molecular Biology and of the Birkbeck School of Crystallography is Professor Gabriel Waksman. He can be contacted informally for general information (email: g.waksman@ucl.ac.uk or g.waksman@bbk.ac.uk).

Deadline for applications is 15th February 2009.

UCL Taking Action For Equality.

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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:**

**Marker Discovery Team Lead**

PhD in Plant Breeding, Genetics or a related field required.

Our mission is to identify and exploit variation within genes and genomic regions affecting economically important traits, with the ultimate objective of delivering the tools necessary to provide more efficient production of a higher quality product that meets the needs of the marketplace. The successful applicant will have an opportunity to lead, interact, excel, and grow in the company of experts in a number of areas, including molecular Biology, Biotechnology, Biostatistics, and Plant Breeding.

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-00009802. 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.

**The world, re-imagined**

Imagine your world at Monsanto by visiting us on our website, www.monsanto.com/careers

Monsanto is an equal opportunity employer who values diversity.
SYRACUSE UNIVERSITY
Department of Biology
Tenure-Track Assistant Professor - Biology (024714)

The Department of Biology invites applications for a tenure-track faculty position to be filled by August 2009 in stem/progenitor cell biology, with emphasis on mechanisms of organ and tissue formation, regeneration, and engineering. The successful candidate will have the intellectual freedom to develop an innovative research program in either mammalian or non-mammalian systems using in vivo and/or in vitro approaches to study inter- and intra-cellular signaling and the role of the microenvironment in regulating cell fate. The applicant’s interests should augment existing Biology Department strengths in cell signaling and developmental biology (see department website: http://biology.syr.edu/). We are hiring at the level of Assistant Professor but, in the case of an exceptionally qualified candidate, appointment at any level may be considered. Candidates are expected to develop an independent, sustainable research program and contribute to departmental teaching at the undergraduate and graduate levels. Competitive salary, start-up funds and new laboratory space will be provided.

The position offers an outstanding opportunity for collaboration with colleagues in Biology, Chemistry and Physics, the new Syracuse Biomaterials Institute (http://biomaterials.syr.edu/), as well as in the State University of New York-Upstate Medical University (http://www.upstate.edu/), and the State University of New York-Environmental Science & Forestry (http://www.esf.edu/). These three institutions (Syracuse University, SUNY-Upstate, and SUNY-ESF) form one nearly contiguous campus. The Syracuse University Biology Department recently moved to the new 110,000 net sq. ft. Life Sciences Complex (LSC), which we share with the Department of Chemistry. The LSC features generous, well-appointed research laboratories designed to promote interaction, and the option to customize a space of research space.

Applicants should visit www.wissenschaftliche Karrieren.de to complete a Dean/Senior Executive/Faculty application form and attach an up-to-date curriculum vitae. In addition, we ask each applicant to send electronically as a single PDF file, (1) a cover letter, (2) a description of past research accomplishments, (3) a clearly focused description of future research goals (including, if appropriate, who in Syracuse you might collaborate with) and (4) a statement of teaching interests to: biosearch@cas.syr.edu. We also request that applicants arrange to have at least three letters of reference sent directly either to biosearch@cas.syr.edu or to the mailing address below. Please include the name, address, phone number and e-mail address of each of your referees in the PDF file. Priority will be given to full applications received by December 15, 2008.

The cover letter and reference letters should be addressed to: John M. Russell, Ph.D., Stem Cell Faculty Search, Department of Biology, 107 College Place, Syracuse University, Syracuse, NY 13244

Associate Laboratory Director

Support the Laboratory Director in accomplishing the Laboratory’s mission by leading the Biological and Environmental Sciences Directorate (BESD), which is an interdisciplinary research and development organization with more than 60 years of achievement in biological and environmental research primarily in the support of the Department of Energy. The vision is to expand scientific knowledge and develop innovative strategies and technologies that will demonstrate national and international leadership in creating world class solutions to biological and environmental dimensions of energy and climate. The Associate Laboratory Director for BESD will be responsible for providing scientific leadership of large complex research programs with a focus on successful implementation and execution of scientific strategy for the Directorate.

KEY ACCOUNTABILITIES:

• Lead biological and environmental research for the Laboratory including developing and implementation of scientific strategy to sustain national and international prominence. Serve as primary liaison to the DOE Office of Biological and Environmental Research (BER) and other sponsors (such as NIH), ensuring the science and technology research programs are meeting client needs.
• Strengthen existing research programs, develop new programs, and drive strategic initiatives for the directorate; current initiatives include: computational biology, climate change, and bio-energy.
• Work with Laboratory Director and Leadership Team to identify and implement strategic research opportunities, including LDRD (Laboratory-Directed Research) and Development) priorities.
• Manage programmatic funds and discretionary investments for research and program development.
• Act as steward for laboratory operations, facilities, capital, and equipment. Direct line management responsibilities for the Environmental Sciences Division and Biosciences Division and the DOE BioEnergy Science Center.

EDUCATION/EXPERIENCE: Ph.D. in biological or environmental sciences or related research field. Prefer research conducted in a large Division or Directorate with 5-10 years of demonstrated executive management experience, including leading large complex and multidisciplinary research programs. Experience with communicating with key stakeholders, clients, program sponsors, internal staff, and regarded as a leading expert and visionary in the field of Biological or Environmental sciences. Demonstrated experience of successfully developing, implementing, and executing scientific strategy with engagement from critical stakeholders. For further consideration and full job description, please visit http://jobs.ornl.gov/ and reference posting Associate Laboratory Director in the keyword search field.

Oak Ridge National Laboratory is an Equal Opportunity Employer.

EDNA BIGGS KURTZ ENDOWED CHAIR/ARBORETUM DIRECTOR POSITION

The University of Denver is seeking applicants for the endowed Edna Biggs Kurtz Chair in Botany in the Department of Biological Sciences. The successful candidate will hold the position of Director of the Chester M. Alter Arboretum with a joint appointment at the ASSOCIATE or FULL PROFESSOR level in the Department of Biological Sciences. As Arboretum Director, the successful candidate will provide leadership and long range strategic planning, including fund-raising projects for the Chester M. Alter Arboretum. They will also help develop this resource as a teaching and learning tool for the University community and as a member of the Botany Department. The Department of Biological Sciences the successful candidate will be involved in undergraduate and graduate teaching and will maintain an extramurally funded research program that complements the research interests of faculty in the ecology and biodiversity major offered by the Department. Applications should be submitted to: website: http://du.jobs.org. Application materials should include: curriculum vitae, a statement outlining one’s research interests and future plans, statement of teaching philosophies. Three letters of recommendation plus two reprints should be sent directly to: Chair of the Kurtz Endowed Chair/Arboretum Director Search Committee, University of Denver, Department of Denver, Department of Biological Sciences, Olin Hall Room 102, 2190 E. Iliff Avenue, Denver, CO 80210. Applications will be accepted until the position is filled.

ASSISTANT/ASSOCIATE PROFESSOR
Biomedical Science (Anticipated Faculty Opening)
St. John’s University
Department of Pharmaceutical Sciences
Branding knowledge to life.
Working for a better world.

St. John’s University, one of the nation’s largest Catholic universities, currently has a tenure-track faculty position available in our Department of Pharmaceutical Sciences at our Queens campus.

The Department has 34 faculty members with varied research interests in the Biomedical and Pharmaceutical Sciences. Modern instrumentation and Association for Assessment and Accreditation of Laboratory Animal Care-accredited facilities are available.

You will establish a basic research program that will attract external funding, mentor students, and teach graduate and undergraduate courses. To qualify, you must have an earned Ph.D. in a biomedical science and postdoctoral experience.

You will provide rank and salary commensurate with qualifications, excellent benefits, talented professional colleagues, and a culturally diverse student population. Interested professionals should send letter of application, curriculum vitae, research plan statement of teaching philosophies, and three letters of reference to: Dr. Louis D. Trombetta, Professor and Chair, Department of Pharmaceutical Sciences, St. John’s University, 8000 Utopia Parkway, Queens, NY 11439. E-mail: trombetti@stjohns.edu.

St. John’s is an Equal Opportunity Employer and encourages applications from women and minorities.

POSITIONS OPEN
Manager | EMBO Publications

A unique opportunity is offered to join the EMBO management group at its administrative headquarters in Heidelberg.

EMBO publishes three high profile journals – The EMBO Journal, EMBO reports and Molecular Systems Biology. The launch of a fourth journal – EMBO Molecular Medicine – is planned for early 2009. The position of Manager of Publications will fall vacant in the course of 2009. The successful applicant will take over the primary responsibility for the successful operation of all four journals. The role of the publications manager encompasses the overall strategic, scientific and financial management of all four EMBO publications and their editorial offices. EMBO publication policy will be developed together with the EMBO Director, the publications staff, the publishers of the journals, the EMBO Publications Committee and EMBO Council. Day-to-day responsibilities include liaison with the senior or executive academic editors of the journals, the Chair of the EMBO Publications Committee, organisation of meetings of this committee and of the Advisory Editorial Boards of the journals including preparation of documentation for and reports of the meetings of these bodies.

The ideal candidate will have a proven research track record, a thorough knowledge of molecular biology and broad interests in diverse areas of the life sciences. He/she should have extensive editorial experience and be familiar with trends in modern scientific publishing. A key requirement for the position is the ability to think critically about the wide range of strategic, scientific, financial and management issues required for the successful operation of high quality scientific journals. Fluent English is essential, as are good communication and organisational skills and the ability to provide leadership to the editorial teams.

A key requirement for the position is the ability to think critically about the wide range of strategic, scientific, financial and management issues required for the successful operation of high quality scientific journals. Fluent English is essential, as are good communication and organisational skills and the ability to provide leadership to the editorial teams.

An initial contract of 5 years will be offered to the successful candidate. This can be renewed, depending on circumstances at the time of review.

EMBO/EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

To apply, please send an English CV (including names and addresses of referees) and covering letter, by e-mail, quoting ref. no. S/08/096 in the subject line, to: application@embl.de

Closing date: 11.01.2009

Web sites:
www.embo.org
www.embojournal.org
www.emboreports.org
www.nature.com/msb/
www.embomolmed.org

Wayne State University

Physiologist

The Department of Biological Sciences at Wayne State University invites applications for a tenure-track position. Rank will be dependent upon qualifications. Preference will be given to candidates who use state-of-the-art approaches to study complex biological problems in any animal model system. While any area of research related to physiology will be considered, we are especially interested in candidates whose work involves cellular/molecular physiology, developmental physiology, neurophysiology, cell regulation and signaling, homeostasis, and membrane biogenesis and transport. Wayne State University is a large, comprehensive, nationally ranked research institution that offers exciting research opportunities and generous start-up packages. Applicants must have a Ph.D. degree, post-doctoral experience and an outstanding record of research achievement. Successful applicants are expected to establish and maintain a vigorous, externally funded research program and participate in graduate and undergraduate education. Candidate must be willing to teach an undergraduate-level course in human physiology on an annual basis.

The position is posted on-line at jobs.wayne.edu. Only those application materials that are submitted to this site will be considered. The online application requires a cover letter, curriculum vitae and a two-page statement of research plans. In addition, three letters of reference should be sent to: Chair, Faculty Search Committee, Department of Biological Sciences, Wayne State University, 5047 Gullen Mall, Detroit, MI 48202. Review of applications will begin immediately and the search will remain open until the position has been filled. Applications will be considered only when all materials have been received.

Wayne State University is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are especially encouraged to apply.
The University of Utah School of Medicine is embarking on a national search for the position of Chair of the Department of Neurobiology and Anatomy. Candidates with a distinguished record of educational and research accomplishments are invited to apply. Past administrative experience is expected. The Department is comprised of 13 full-time faculty members and is part of the broader biological science community at the University. More detailed information is available at the Department website: http://www.neuro.utah.edu/.

Interested applicants should submit electronic curriculum vitae, a list of three to five references, and a brief statement describing academic interests and professional goals to:

Jennifer L. Allie
Director, Faculty and Academic Personnel
University of Utah, Health Sciences Center
E-mail: jennifer.allie@hsc.utah.edu
Telephone: 801-581-5705
Fax: 801-581-3338

University of Utah is an Equal Employment Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

CHEMISTRY/BIOCHEMISTRY-CANCER CENTER FACULTY POSITION
University of California, San Diego

The Department of Chemistry and Biochemistry of the University of California, San Diego (website: http://www-chem.ucsd.edu) and the Moores Cancer Center (website: http://cancer.ucsd.edu/) invite applications for a tenure-track position in an area of chemistry, chemical biology, or biochemistry contributing to basic knowledge in the field of oncology, translational medicine, or translational pharmacology. Candidates must have a Ph.D., Pharm.D., or M.D. and a demonstrated ability for creative research and teaching at the undergraduate and graduate levels. Salary is commensurate with qualifications and based on the University of California pay scale. Applicants are asked to submit materials online at website: http://www-chem.ucsd.edu/recruit/index.cfm?admono=5-134. Materials include cover letter, curriculum vitae, complete list of publications, list of current and past grant support, samples of published research, and statement of your teaching experience. Applicants are welcome to include in their cover letters a personal statement summarizing their contributions to diversity. Please arrange for three reference letters to be sent to: Chair, Chemistry/Biochemistry-Cancer Center Search 5-134, University of California, San Diego, Department of Chemistry and Biochemistry, La Jolla, CA 92093-0332.

The deadline for applications is January 9, 2009, but until position is filled, all applications received will be assured full consideration. UCSD is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of diversity.

Shantou University Medical College, in Shantou, China, is launching internationally competitive research and teaching programs and has many openings for leading and upcoming scientists working at different disciplines. Selected candidates will be competitively supported with start-up funds, relocation expenses, housing, and competitive salary packages. Please visit the website: http://www.med.stu.edu.cn/recruit.htm for more information. Interested candidates should send curriculum vitae to Mr. Yufang Chen at e-mail: cheny@stu.edu.cn.

The Biology Department seeks a broadly trained EXPERIMENTAL MICROBIOLOGIST for a tenure-track ASSISTANT PROFESSOR position beginning fall 2009. Research interests in systems or computational/integrative biology are desirable. Ph.D. required and postdoctoral experience preferred. This position entails teaching undergraduate and graduate courses in the area of the applicant’s expertise and participation in introductory biology courses. Please send curriculum vitae, statement of research interests, and three letters of recommendation to: Dr. Joseph V. Martin, Biology Department, Rutgers University, Camden, NJ 08102. Review of applications will begin January 26, 2009, and continue until the position is filled.

SENIOR FELLOWSHIP
Cardiovascular and Tissue Medicine
Regenerative Biology and Tissue Engineering Theme
Institute for Genomic Biology
University of Illinois

A three-year Senior Fellowship (Carle Foundation Hospital-Institute for Genomic Biology) is available immediately to conduct collaborative research in cardiovascular regenerative medicine. Applicants should have a demonstrated interest in cardiovascular medicine and developing stem cell regenerative therapies. Applicants must have either a Ph.D., D.V.M., M.D., or combined degrees. The applicant will be expected to interact with laboratory researchers and clinicians to address critical issues associated with the applications of stem cell biology to treat cardiovascular diseases. A highly competitive salary is provided and the candidate will be housed in the new $75 million Institute for Genomic Biology (website: http://www.igb.uiuc.edu/) and actively interact with clinicians at the Carle Foundation Hospital and Clinic Association (website: http://www.carle.com/) and the Carle Foundation Hospital.

Experience with the isolation of adult stem cells, intervention cardiology, or animal models is highly desired. Clinical experience, either in veterinary or human medicine, is preferred. Applicants should also have demonstrated the ability to have publications published and to create a competitively funded program.

The closing date for the position is January 15, 2009, or until an acceptable candidate is identified. Applicants should submit a letter of intent, curriculum vitae, and the names of three references. Application materials should be forwarded to: Prof. Lawrence B. Schook, Professor and Gutsell Chair, Regenerative Biology and Tissue Engineering Theme, Institute for Genomic Biology, University of Illinois, 1206 W. Gregory Drive, Urbana, IL 61801.

SHULL FELLOWSHIP

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 apply, applicants must be submitted by December 12, 2008. For more information, and to apply, go to website: http://jobs.ornl.gov/index.cfm. ORNL is an Equal Opportunity Employer, committed to work force diversity. Applicants need not be U.S. citizens.

The Engineering Science and Mechanics, and Bioengineering Departments at the Pennsylvania State University invite applications for a tenure-track ASSISTANT PROFESSOR position in neural engineering at the interface between materials science and neuroscience. Exceptional candidates at the ASSOCIATE or FULL PROFESSOR level will be considered. Candidates are sought whose research addresses the development of next generation prosthetic devices to facilitate treating disabilities and diseases at multiscale systems levels. Expertise may encompass electromagnetics, biomechanics, microfluidics, and/or materials science and engineering fields. Translational research towards the treatment of diseases such as Parkinson’s, epilepsy, stroke, depression, hydrocephalus, Alzheimer’s, and trauma is desirable. The candidate will be expected to interact with faculty in the College of Engineering, the Materials Research Institute, the Huck Institutes for the Life Sciences, and the College of Medicine. An appointment will also be held in Penn State’s Center for Neural Engineering, with a proposed salary and rank consideration.

The University of Colorado is sensitive to the needs of dual-career couples and, as such, is committed to diversity and equality in education and employment.

FACULTY POSITIONS in COMPUTATIONAL BIOLOGY
The University of Colorado at Boulder invites applications for two tenure-track faculty positions in the broad areas of computational biology and bioinformatics, under the auspices of the Colorado Initiative in Mathematical Biology (CIBM; website: http://cimb.colorado.edu/).

Individuals with interests in developing and applying computational or mathematical methods to biological systems are encouraged to apply. CIBM is a program that integrates faculty from the Departments of Applied Mathematics; Chemical and Biological Engineering; Chemistry and Biochemistry; Computer Science; Ecology and Evolutionary Biology; Integrative Physiology; Mathematical Engineering; Molecular, Cellular, and Developmental Biology; and Physics. A successful candidate may be rostered in any one of these Departments. The positions are at the ASSISTANT PROFESSOR level, although outstanding senior candidates at higher ranks may be considered. Candidates must have a Ph.D. degree and a demonstrated commitment to teaching at undergraduate and graduate levels, and will be expected to develop an internationally recognized research program.

Candidates should submit curriculum vitae, statements of research and teaching interests, and arrange to have three letters of reference sent electronically to: website: http://www-phys.colorado.edu/recruit/index.cfm?admono=5-134. Review of applications will begin on or about December 1, 2008, and continue until the position is filled. For more information or assistance in submission of materials, contact Janice McClintock (e-mail: janice.mcclintock@colorado.edu; telephone: 303-492-8876).

The University of Colorado is sensitive to the needs of dual-career couples, and is committed to diversity and equality in education and employment.

For more information on the position, please visit the website: http://www.colorado.edu/artsci/sciences/jobs/ for full job description.

The University of Colorado is an equal opportunity affirmative action employer.

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 apply, applicants must be submitted by December 12, 2008. For more information, and to apply, go to website: http://jobs.ornl.gov/index.cfm. ORNL is an Equal Opportunity Employer, committed to workforce diversity. Applicants need not be U.S. citizens.

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 apply, applicants must be submitted by December 12, 2008. For more information, and to apply, go to website: http://jobs.ornl.gov/index.cfm. ORNL is an Equal Opportunity Employer, committed to workforce diversity. Applicants need not be U.S. citizens.
THE 2009 LOUISA GROSS HOrWITZ PRIZe
FOR BIOLOGY OR BIOCHEmISTRY

The Louisa Gross Horwitz Prize was established under the will of the late S. Gross Horwitz through a bequest to Columbia University and is named to honor the donor’s mother. Louisa Gross Horwitz was the daughter of Dr. Samuel David Gross (1805-1889), a prominent surgeon of Philadelphia and author of the outstanding Systems of Surgery who served as President of the American Medical Association.

Each year since its inception in 1967, the Louisa Gross Horwitz Prize has been awarded by Columbia University for outstanding basic research in the fields of biology or biochemistry. The purpose of this award is to honor a scientific investigator or group of investigators whose contributions to knowledge in either of these fields are deemed worthy of special recognition.

The Prize consists of an honorarium and a citation which are awarded at a special presentation event. Unless otherwise recommended by the Prize Committee, the Prize is awarded annually. Dr. F. Ulrich Hartl, Max-Planck Institute of Biochemistry, Martinsried, Germany, and Dr. Arthur L. Horwich, Yale University School of Medicine, New Haven, CT., were the 2008 awardees. Dr. Rosalind E. Franklin (1920-1958) was awarded an honorary Horwitz Prize.

QUALIFICATIONS FOR THE AWARD

The Prize Committee recognizes no geographical limitations. The Prize may be awarded to an individual or a group. When the Prize is awarded to a group, the honorarium will be divided among the recipients, but each member will receive a citation. Preference will be given to work done in the recent past.

Nominations must be submitted electronically at: http://www.cumc.columbia.edu/horwitz/

Nominations should include:

1) A summary, preferably less than 500 words, of the research on which this nomination is based.
2) A summary, preferably less than 500 words, of the significance of this research in the fields of biology or biochemistry
3) A brief biographical sketch of the nominee, including positions held and awards received by the nominee
4) A listing of up to ten of the nominee’s most significant publications relating to the research noted under item 1.
5) A copy of the nominee’s curriculum vitae.

Deadline date: January 31, 2009

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COURSE

SANTA FE INSTITUTE

Summer 2009 at the Santa Fe Institute

Complex Systems Summer Schools

Santa Fe June 7-July 4 • Beijing July 5-August 1
http://www.santafe.edu/csss

An intensive introduction to complex behavior in mathematical, physical, living, and social sciences for graduate students and postdoctoral fellows.

Global Sustainability Summer School, July 12-25
http://www.santafe.edu/global

This program explores global sustainability from many perspectives with particular focus on problems posed by climate change. Targeted for graduate students, postdoctoral fellows, junior and senior faculty and individuals from the private sector.

Research Experiences for Undergraduates
http://www.santafe.edu/reu

Students work with SFI faculty mentors on an individual project focused on some aspect of complex systems. Residence for approximately 10 weeks, within an early-June to mid-August time frame.

See program websites for application requirements and deadlines. Financial support for students available. Women, minorities and students from developing countries are especially encouraged to apply.

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PRIZES

BODOSSAKI FOUNDATION

BODOSSAKI ARISTEIO PRIZE

2009

The Aristeio Bodossaki was instituted to give recognition to Greeks who have devoted their lives to science and who, by means of their exceptional, lifelong performance and significant achievements, have made a distinctive contribution towards furthering their field of science. The Aristeio Bodossaki, which is accompanied by the sum of €150,000, is awarded every two years.

The Board of Trustees of the Bodossaki Foundation, at its meeting in September 2008, accepted the proposal of the International Aristeio Committee and decided to award the Bodossaki Aristeio for the year 2009 to a scientist in the field of Bio-Medicine. The award goes to Professor Evangelos Moudrianakis for his pioneering studies on the structure of chromatin, for solving, at atomic resolution, the three-dimensional structure of the histone octamer core of the nucleosome and for computing the first three-dimensional model of the nucleosome. The discoveries of Dr. Moudrianakis’ research team have provided us with greater insights into the molecular mechanisms involved in the regulation of the genetic information encoded in the DNA. The recipient is Professor of Biology and Biophysics at Johns Hopkins University, corresponding member of the Academy of Athens and has received numerous international awards. The fundamental contribution of Dr. Moudrianakis’ research activities has had enormous impact on the work of other scientists.
ASSISTANT PROFESSOR, TENURE TRACK
Vertebrate Anatomy/Evolutionary Biology

Saint Mary’s College of California invites applications for a tenure-track Assistant Professor, beginning fall 2009. The successful applicant will join a team of 10 full-time and adjunct faculty in cell biology, molecular biology, immunology, genetics, botany, marine biology, ecology, evolution, microbiology, vertebrate and invertebrate zoology, physiology, developmental biology, anatomy, and biochemistry. We are seeking a VERTEBRATE ANATOMIST who could teach an undergraduate human anatomy course with a cadaver-based laboratory, as well as courses in comparative vertebrate anatomy and evolutionary biology, and undertake graduate studies.

We seek an excellent teacher who is committed both to high quality teaching as well as maintaining an active research program involving undergraduates, in a teacher-scholar faculty. Faculty contractual responsibilities allow a teaching load of six courses per year. Faculty will also serve as academic advisors and on college committees. The successful candidate will be expected to engage in scholarship/research accessible to undergraduates.


BIOLOGY. Seeking ACADEMIC ADMINISTRATOR to manage X-ray crystallographic facility at Mission Bay, University of California, San Francisco. Administrator will facilitate research by the entire macromolecular structure group, and engage in research on high-resolution X-ray crystallographic structural studies of a-lytic protease, an extracellular bacterial serine protease that catalyzes peptide-bond hydrolysis. Studies are conducted at the atomic level, requiring expertise in both chemical behavior of the enzyme and the crystallographic techniques required to study them. Send curriculum vitae and three references to: Rachel Mozesson, Department of Biochemistry and Biophysics, University of California San Francisco, 600 16th Street, N226, P.O. Box 2140, San Francisco, CA 94158; Fax: 415-476-9516. The University undertakes affirmative action to assure equal employment opportunities for underutilized minorities and women, for persons with disabilities, and for Vietnam-era veterans and special disabled veterans.

Shantou University Medical School, a dynamic and innovative school located in Guangdong Province, China, jointly funded by Chinese government and the Li Ka-shing Foundation, is seeking M.D.s and/or Ph.D.s to teach undergraduate basic science and clinical courses. Retired or taking sabbatical leave parties are also welcomed. Please send curriculum vitae to e-mail: karenmiu@stu.edu.cn.

AQUATIC SCIENCE GRADUATE FELLOWSHIPS
Great Lakes WATER Institute
University of Wisconsin, Milwaukee

The Great Lakes WATER (Wisconsin Aquatic Technology and Environmental Research) Institute of the University of Wisconsin, Milwaukee (UWM) is seeking outstanding applicants for several multiyear Fellowships, including the James E. Dutton Fellowship and the James D. and Dorothy Shaw Fellowships in Freshwater Science, to support graduate study at the doctoral level. The Great Lakes WATER Institute is located directly on Lake Michigan and is the largest U.S. institution of its kind in the Great Lakes region. Scientists at the Institute conduct research in aquatic ecology and technology, biogeochemistry, aquaculture, fisheries, and environmental health, focusing on the Great Lakes and other freshwater systems. Interested students can look at the Institute website (website: http://www.glwi.uwm.edu/) for specific research descriptions and scientist profiles. Under the direction of Institute scientists, graduate degrees can be pursued through programs with existing campus departments in biological sciences, chemistry, geosciences, and engineering. Students are encouraged to contact Institute scientists directly concerning their specific interests in graduate studies. For information concerning how to apply for the fellowships and graduate studies at UWM, contact Dr. Harvey Bootsma (e-mail: hbootsma@uwm.edu). Great Lakes WATER Institute, 600 E. Greenfield Avenue, Milwaukee, WI 53204.

POSTDOCTORAL RESEARCH POSITIONS
University of Kansas, Specalized Chemistry Center

The Postdoctoral Researchers will be working with an interdisciplinary team of chemists and biologists to develop new methods to identify targets of small molecules. Ph.D. in organic chemistry, biochemistry, molecular biology, related fields, and publications in peer-reviewed journals are required. For complete descriptions and application instructions go to website: https://jobs.ku.edu, position #00063829 and position #00061793. Review of applications will begin December 19, 2008, and will continue until filled. Equal Opportunity/Affirmative Action Employer.