TENURE-TRACK POSITION in Animal Behaviour, McGill University

The Department of Biology at McGill University invites applications for a tenure-track position in animal behaviour. The new faculty member will complement a Department that has research strengths in ecology, conservation, evolution, behaviour, neuroecology, and molecular biology.

The successful applicant will be expected to conduct a vigorous program of independent, externally funded research and to contribute to teaching at both undergraduate and graduate levels. Candidates must hold a Ph.D. or equivalent degree and postdoctoral experience demonstrating excellence in their respective fields. We anticipate that this position will be filled at the ASSOCIATE PROFESSOR (tenure track) level, but applications from more established candidates may be considered for recruitment at the ASSOCIATE or FULL PROFESSOR rank.

Competitive startup and equipment funding packages will be available.

Persons wishing to be considered for this position should forward electronically curriculum vitae, a statement of research interests, a statement of teaching interests, and PDF files of major publications to e-mail: zabrina.kadhodayan@mcgill.ca. In the subject line, please enter Animal Behaviour Search and your name. Acceptable file formats are Microsoft Word and PDF. Also arrange to have three letters of reference submitted directly by e-mail to the same address.

The application deadline is 15 February 2010 or until position is filled.

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

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Science Careers

From the journal Science MAAS

FACULTY POSITIONS, RESEARCH. The Institute of Oral Health Research (IOHR) at the University of Alabama at Birmingham School of Dentistry seeks candidates for faculty positions in research. Candidates should possess a D.D.S./D.M.D./M.D. and/or a Ph.D. degree with preferably a documented history of funding and research productivity in the fields of craniofacial/developmental biology or tissue bioengineering/stem cells. Successful candidates will be expected to establish a major research program within the School of Dentistry and develop collaborative research partnerships within the broader UAB research community (website: http://www.uab.edu). Research facilities and startup packages for this appointment will be appropriate for the successful candidate. Partial support for this faculty position is provided by the National Institute of Dental and Craniofacial Research (NIDCR) under a F30 grant mechanism with funds from the American Recovery and Reinvestment Act of 2009. Candidates with research experience that complements the Center for Discoveries, Genomics and Therapeutics for Craniofacial Dental Diseases will be given preference.

UAB is a research intensive institution receiving over $430 million in funding in FY 2007. It has a long history of interdisciplinary research collaborations and includes the recently recruited Department of Genetics and a Center for BioMatrix Engineering and Regenerative Medicine. The University of Alabama at Birmingham is a comprehensive research university and medical center with over 2,000 full-time faculty and 17,000 students. UAB is ranked among the top tier research universities in federal grant support and the School of Dentistry is ranked eighth in NIDCR funds for 2008.

Salary, tenure status, and rank will be commensurate with experience. Applications will be accepted immediately, and will be considered until all positions are filled. Qualified applicants should send a letter indicating their interest, detailed curriculum vitae, description of research plans, and the names and contact information of a minimum of three references. Electronic submissions are encouraged and should be sent to Dr. Mary MacDougall, e-mail: macdougall@uab.edu, or mailed to: Institute of Oral Health Research, University of Alabama at Birmingham, Suite SDB 702, 1530 3rd Avenue South, Birmingham, AL 35294-0007.

The Institute of Oral Health Research, The UAB School of Dentistry, and the University of Alabama at Birmingham are committed to building a culturally diverse work force and strongly encourage applications from women and individuals from underrepresented groups. UAB has an active NSF-supported ADVANCE program and a Dual Career Assistance Program to support and offer resources to help spouses and partners of newly recruited UAB faculty. UAB is an Affirmative Action/Equal Employment Opportunity Employer.

ASSISTANT/ASSOCIATE PROFESSOR/ FULL PROFESSOR
Neuroscience Faculty Position
University of New England

For application and more information, please see our website: http://www.une.edu/hr/jobs/index.cfm

Interested candidates should submit a resume and cover letter to e-mail: imeng@une.edu.

Please direct inquiries to Dr. Ian Meng, Associate Professor, Department of Biomedical Sciences (e-mail: imeng@une.edu). Review of applications will begin January 20, 2010.

University of New England
Human Resource Department
11 Hills Beach Road
Biddeford, ME 04005
Fax: 207-601-9902

UNE is an Equal Opportunity/Affirmative Action Employer and strongly encourages candidates of diverse backgrounds.
The National Institutes of Health (NIH) is seeking a senior scientist to serve as the Director of Chemistry for the Therapeutics for Rare and Neglected Diseases (TRND) Program, a new effort administered by the National Human Genome Research Institute (NHGRI) and the NIH Office of Rare Diseases Research (ORDR). The goal of this Program is to discover and develop small molecules that are suitable for testing in humans and promising for treating individuals with rare and neglected diseases.

As an integral part of the TRND executive team, the Director of Chemistry will provide input on the overall strategy for TRND and lead the research operations of all functions of the Chemistry Section. The successful candidate will be a recognized leader with a proven track record in human drug development, with at least 15 years of relevant synthetic and analytical chemistry experience in the pharmaceutical industry. The candidate must have a Ph.D. in synthetic or medicinal chemistry, an excellent publication record and patent portfolio, should show fluency in structural and computational chemistry, and be cognizant of relevant state-of-the-art techniques and the utilization of specialized technical equipment. The candidate will have demonstrated ability to supervise a large group of chemists effectively and a history of providing outstanding mentorship. The candidate is also expected to be well versed in biology, pharmacology, drug metabolism and pharmacokinetics, as well as have a demonstrated history of effective and successful collaborations.

The TRND Program includes ongoing support for the Director of Chemistry and the scientific team that the Director is expected to build. Interested applicants should send their curriculum vitae, a three-page statement of interest (in and vision for) the Chemistry Section of TRND, and three letters of recommendation through our online application system, at http://research.nhgri.nih.gov/apply.

Applications will be reviewed starting January 31, 2010 and will be accepted until the position is filled.

Specific questions regarding the recruitment may be directed to Dr. Carole Bewley, Search Chair, at CaroleB@intra.niddk.nih.gov. Questions may also be directed to Dr. Melissa Ashlock at ashlockma@mail.nih.gov.

DHHS and NIH are Equal Opportunity Employers and encourage applications from women and minorities.
Max Planck Institute for Plant Breeding Research
Max-Planck-Institutfür Züchtungsforschung

International Max Planck Research School:
“The molecular basis of plant development and environmental interactions”

12 Ph. D. Studentships

The Max Planck Institute for Plant Breeding Research and University of Cologne invite applications for Ph.D. fellowships in the International Max Planck Research School (IMPRS) in Cologne, Germany.

The IMPRS is intended for highly motivated students with a strong training in molecular sciences. The constellation of participating institutions provides excellent conditions in the area of plant sciences with expertise in plant genetics, plant biochemistry, structural biology, bioinformatics, cell biology, and molecular microbiology.

The training includes regular seminars, yearly retreats, supervision of a thesis committee of the research school, and soft skill and practical courses on modern laboratory techniques.

The program is taught in English and open to students from all countries holding a Master’s degree or a corresponding Diploma degree.

For detailed information about the application process and the Ph.D. program please visit the IMPRS homepage at www.mpiz-koeln.mpg.de/english/studentinformation/index.html.

Deadline for applications is March 31, 2010.

The Max Planck Society is an equal opportunity employer. We strongly encourage female scientists to apply for the program. After registration, the fellowship application should be mailed to:

Max Planck Institute for Plant Breeding Research
IMPRS – Molecular Plant Development
Scientific Coordinator
Carl-von-Linné-Weg 10, 50829 Cologne / Germany
The Nanyang Technological University, Singapore, invites applications for the following position:

DEAN, COLLEGE OF SCIENCE

About the Appointment
The Nanyang Technological University is seeking an accomplished, visionary and pragmatic scientific leader for the position of the Dean of the College of Science.

Reporting to the Provost, the Dean will provide foundational vision, leadership and oversight for the strategic, academic, intellectual and administrative affairs of the College and its constituent Schools with disciplines in Physics, Chemistry, Mathematics, Biological and Life Sciences, and Earth Sciences. The Dean is expected to lead on an interdisciplinary basis within and amongst Colleges and build the human capital of the College via proactive recruitment of world-class faculty. Other critical responsibilities include cultivating areas of academic and research excellence including inter-college collaboration, providing leadership in securing external funding support and interaction with external stakeholders to raise the College’s engagement, profile and standing. The Dean is also a member of the University Cabinet, the highest management decision-making body, and a member of the Provost and University’s senior leadership committees and teams.

This is an outstanding opportunity for an individual who is passionate about interdisciplinary teaching and research, and about growing and strengthening a dynamic College within a University with a growing global impact.

The appointee must have an outstanding record of academic leadership, research and teaching in a reputable university or academic institution. The appointee must demonstrate leadership vision and the interpersonal skills to engage senior scientists and faculty in interdisciplinary teaching and research. Other essential attributes include the ability to effectively communicate with faculty and students, to work cooperatively with national funding agencies and a commitment to faculty-shared governance. We look for an individual with a commitment to raising the reputation of the College and to enhance its existing research and teaching strengths. The working language in the University is English.

About Singapore
Singapore is a new dynamic centre for science, technology, and academic research in a vibrant city-state known for its commitment to academic excellence. Singapore has set as its goal, to be a global centre for academic excellence in higher education and research and this goal has been supported by major public sector investments. Uniquely situated in an emergent Asia, Singapore combines the eastern and western approaches to governance, education, and lifestyle. Having established lasting and synergistic business and academic relationships with China, India and other South East Asian countries, Singapore sits at the crossroad of cultures and peoples.

About the University
Nanyang Technological University (NTU) is an internationally reputed research-intensive university with globally acknowledged strengths in highly-rated core disciplines of Engineering and Business. In recent years, Science and Humanities have added to the strengths of the University. The university’s academic and research programmes, with real-world relevance, have reaped dividends from the strong support from major corporations and industry leaders, in terms of both research funding and partnerships and global internship opportunities for the students.

The University provides a high-quality comprehensive and global education to more than 21,700 undergraduates and 9,400 graduate students. Together with the university’s 2,700-strong faculty and research staff who bring international academic perspectives and depth of experience, the University’s main 200-hectare residential and garden campus, located at the south-western part of Singapore, is a hub for vibrant academic endeavors.

About the College
NTU has four colleges - College of Science; College of Engineering; College of Business; College of Humanities, Arts, and Social Sciences - which comprises 12 component schools. The College of Science, relatively nascent among the other colleges, provides programmes and a rigorous education in the various Science disciplines of Chemistry, Physics, Biological and Life Sciences, and Mathematical Sciences. Under the College of Science are two Schools - the School of Biological Sciences and the School of Physical and Mathematical Sciences. The College will also host Earth Sciences as a primary discipline.

In addition, the University is building expertise in Earth Sciences with NTU hosting the Earth Observatory of Singapore (EOS), a nationally-funded but international research centre of excellence for Earth Sciences, and serving as a centre of excellence for tectonics, volcanology and climatology.

More information on the College can be accessed at: [http://www.cos.ntu.edu.sg/](http://www.cos.ntu.edu.sg/)

To apply, please send curriculum vitae, accompanied by a cover letter, to:

The Chairman of the Search Committee,
Professor Edison T. Liu,
Executive Director, Genome Institute of Singapore

c/o Office of Human Resources
Chief Human Resource Officer
Nanyang Technological University
Level 4, Administration Building
50, Nanyang Avenue
Singapore 639798

Fax: (65) 67959001
Email: CHRO@NTU.EDU.SG

Closing Date: 28 February 2010

All applications and materials submitted will be held in strict confidence.
POSTDOCTORAL POSITIONS
Xenopus Development, Stem Cell Research, Transgenic Mouse Generation, Genetics
The Hormel Institute, University of Minnesota, Austin, MN 55912

Postdoctoral positions are available immediately at The Hormel Institute, a research branch of the University of Minnesota, located in Austin, MN. Successful candidates have the opportunity to work in a variety of research positions in the Cellular and Molecular Biology Group (Dr. Zigang Dong and Dr. Ann M. Bode) at The Hormel Institute.

Postdoctoral positions are available to study the role of histone, MAPKs and other kinase affecting Xenopus development process. Applicants should have experience with injection into frog embryos and some manipulation of embryonic tissue. Postdoctoral positions are also available for transgenic mouse generation and applicants should have experience in mouse genetics, mouse/human embryonic stem cell culture, and especially, experience in terminal differentiation of ES/iPS cells is preferred.

Postdoctoral position is available requiring experience in genetics, linkage analysis, SNP chips, and human and mouse genome databases, and additional training in molecular biology, mouse models, and gene characterization. Postdoctoral position is also available requiring training in molecular biology, cloning, mouse model development, advanced microscopy methods such as FISH, immunohistochemistry, and histology.

A Ph.D. in genetics, molecular biology, cellular development, biochemistry, pharmacy, biology or related fields is required.

All candidates must apply on-line at the University of Minnesota employment page, https://employment.umn.edu/applicants/Central?quickFind=76394
In addition, please e-mail your curriculum vitae to: ambode@hi.umn.edu

The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

Center for Advanced Drug Research (CADRE) at SRI Shenandoah Valley (SRI SV) Biosciences Division SRI International

Located in brand new, state-of-the-art laboratories in Virginia’s beautiful Shenandoah Valley, CADRE is one of world’s few groups focused on the proteomics of host-vector-pathogen interactions to discover new ways to prevent, detect, and treat infectious diseases. The group combines SRI’s well-established expertise in drug discovery, preclinical development, and computational biology with proteomics to develop new diagnostics, therapeutics, and vaccines for infectious and neglected diseases and for biodefense.

Research at CADRE is focused on three distinct program areas:

• Proteomic studies of host-vector-pathogen interactions, including insect-borne viruses, respiratory and diarrheal pathogens, and parasitic protozoa.
• Identification of ‘critical links’ underlying the mechanisms of antibiotic resistance, intracellular toxin transport, and vector competence to enable discovery of novel biomarkers, well-characterized targets, and therapies.
• Mining SRI’s and others’ databases for biological pathways that play a critical role in disease development.

CADRE moved into its new building in September 2009, and now seeks group leaders, research scientists, post-doctoral fellows, and research assistants for several open positions at both Ph.D. and non-Ph.D. levels. For senior positions, applicants should have a successful track record of generating their own funding through vehicles such as government grants and contracts. Current extramural funding is preferred.

SRI International is an independent, nonprofit research institute headquartered in Menlo Park, California. Founded at Stanford Research Institute, SRI has met the strategic needs of clients and partners for more than 60 years.

For more information please visit www.sri.com/jobs and/or email sv-jobs@sri.com.

SRI is an Equal Opportunity Employer.

Dean, College of Sciences

The University of Nevada, Las Vegas (UNLV) seeks an innovative and energetic individual for the position of Dean of the College of Sciences. The successful candidate will have the experience and demonstrated skills to enhance the College’s national and international reputation as an emerging research entity while maintaining its historic commitment to teaching excellence. For more information visit: http://sciences.unlv.edu/

The Dean reports to the Executive Vice President and Provost. Candidates must possess a terminal degree from an accredited college or university in a discipline appropriate to the College, along with a strong record of research productivity and teaching experience meriting a tenured appointment at the rank of Professor in one of the College’s academic units. Experience in administration at or above the level of department chair or its equivalent is required.

The Search Committee will accept applications and nominations until the position is filled. Screening of candidates will begin immediately. To guarantee full consideration, applications should be completed by February 8, 2010. Application materials must include a cover letter, curriculum vitae, and names, addresses, and telephone numbers of five professional references which may include supervisory, subordinate, peer or student contacts. The initial review will evaluate applicants based on documented, relevant qualifications and professional work experience. Thus, the cover letter should describe the applicant’s qualifications and past accomplishments, with specific reference to program development, resource acquisition, fostering a collaborative environment, and promoting transparency in decision-making. Materials should be addressed to Dr. Karen P. West, Dean of the School of Dental Medicine, Search Committee Chair, and must be submitted online at https://hrsearch.unlv.edu/. For assistance with UNLV’s on-line applicant portal, please contact Jen Martens at (702) 895-2894 or hrsearch@unlv.edu

UNLV is an Affirmative Action/Equal Opportunity educator and employer committed to excellence through diversity.

Berkeley University of California

Faculty position in microbial, biochemical & metabolic engineering, systems & synthetic biology

The University of California at Berkeley seeks applicants at both the senior and junior levels for a tenured/tenure-track faculty position in the general area of microbial bioengineering. Of particular interest are individuals whose research includes metabolic engineering and/or systems and synthetic biology; however, creative and energetic individuals who show extraordinary promise or accomplishment in related areas will also be considered.

Applications must have a Ph.D. and evidence of outstanding scholarship within a relevant discipline. We encourage applications from candidates with the communication skills and cross-cultural abilities to maximize effective collaboration with a diverse community of campus and external colleagues.

This position is sponsored by the Energy Biosciences Institute, (http://www.energybiosciencesinstitute.org) which will provide significant resources and collaborative opportunities for individuals to develop a leading-edge program in biofuels research. Both start-up and multi-year research funds will be available from the EBI for the bioenergy components of the individuals’ research programs. Candidates hired into these positions would also be free to seek support for research in other areas.

Applications should include a resume, statements of research and teaching interests, selected publications, and the names of three references and be submitted online at http://bioeng.berkeley.edu/career/ebifaculty.php. Online applications are strongly preferred; we will also accept application materials sent by mail to: Department of Bioengineering, 306 Stanley Hall #1762, UC Berkeley, Berkeley, CA 94720.

Applications received through June 1, 2010 will be considered; however the review of applications will commence on February 15, 2010. Candidates will be reviewed on an ongoing basis, and early application is recommended.

The University of California is an Equal Opportunity, Affirmative Action Employer.
Center for Biomolecular Structure and Function

Research Laboratory Manager and Research Assistant Positions

In its continuing commitment to excellence in basic scientific research in structural and chemical biology and molecular biophysics, The University of Texas M. D. Anderson Cancer Center announces the opening of the Center for Biomolecular Structure and Function (CBSF).

The recent faculty recruitments of Maria A. Schumacher, Ph.D., Richard G. Brennan, Ph.D., and John E. Ladbury, Ph.D. – three leading figures in the above fields – provide a new core of expertise and represent a major investment and advancement in the capabilities of M. D. Anderson Cancer Center in this important area of basic science. A key goal of the CBSF is to enhance collaborations between basic scientists and clinical and translational researchers thereby facilitating access to structural, chemical and biophysical approaches towards meeting the research goals of the M. D. Anderson Cancer Center.

The CBSF now seeks to recruit a highly energetic Research Laboratory Manager to oversee its scientific endeavors and to supervise its collaborative programs. The successful candidate will have an advanced degree in molecular biology, biochemistry or related field and have proven abilities in prokaryotic and eukaryotic recombinant protein production and purification. Ideally, the candidate will possess experience in some or all of the following instrumental methods: UV, CD and fluorescence spectroscopies; isothermal titration calorimetry; surface plasmon resonance; and dynamic and static light scattering. Excellent communication and computer skills are necessary as the manager will be the interface between structural and chemical biologists and clinical and translational researchers, thereby facilitating the bench-to-bedside efforts of M. D. Anderson. Moreover, the manager will present his or her work and the activities of the CBSF to the diverse research community of M. D. Anderson and the Texas Medical Center to raise awareness of the expanding capabilities and accomplishments of this new center.

In addition to the above post, a Senior Research Assistant position and a Research Assistant II position are available. BS/BA level applicants with proven experience in recombinant protein expression and purification protocols will be considered. Ideally the candidates will have experience at bacterial, insect and mammalian cell expression methods.

For more information regarding these positions, please visit www.mdanderson.jobs (keyword: Science Journal)

Application deadline: 12 February 2010

M. D. Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status except where such distinction is required by law. All positions at The University of Texas M. D. Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. The University of Texas M. D. Anderson Cancer Center is a smoke-free and drug-free environment.
FACULTY POSITION
Microbial Pathogenesis

Applications are invited for tenure/tenure-track faculty positions in microbial pathogenesis, with rank commensurate with qualifications. Applicants with an interest in emerging infectious disease pathogens, biodefense and expertise in host-pathogen interactions are particularly encouraged to apply. The successful candidate will have demonstrated research productivity and will be expected to maintain an independent, innovative, funded research program and to participate in graduate and postgraduate training. A competitive start-up package and outstanding core facilities are available, including animal imaging, informatics, and extensive BSL-3 and ABSL-3 containment facilities.

Applicants should submit a curriculum vitae, a statement of research experience, a summary of past accomplishments and future plans, and names and email addresses of three references to:

Dr. David Perlin, e-mail: perlinds@umdnj.edu. AA/EEO Employer M/F/D/V.

COLUMBIA UNIVERSITY MEDICAL CENTER

Weil-Granat Professorship in Neurodegenerative Disease
Taub Institute for Research on Alzheimer’s Disease and the Aging Brain

We seek an established, clinical-qualified Physician-Scientist to be the inaugural occupant of this chair. Applicant must have a strong record of funded, clinically relevant research in the area of Parkinson’s dementia, frontotemporal dementia, or related conditions. He/She should be board-certified in one of Neurology, Neuropathology, Psychiatry, or Internal Medicine. The appointment will be joint with the Department of Neurology and other departments, if appropriate. Applicant should qualify for appointment at the level of associate or full professor with tenure and must be eligible to obtain a license to practice in New York State.

Modern laboratory space, a superb collaborative environment, and substantial start-up funds are available. The Taub Institute has close collaborations with the Parkinson’s Disease and the Motor Neurodegenerative Disease Centers as well as the basic neurosciences at Columbia. Applicants should send curriculum vitae and names of three referees to: Department of Pathology and Cell Biology, Columbia University, 630 West 168th Street, New York, NY 10032.

To apply online, go to: https://academicjobs.columbia.edu/applicants/Central?quickFind=52523

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28 January 2010

Institut de recherche pour le développement

Cornell University
Weill Cornell Medical College
Senior Tenure Track Position

The Department of Cell and Developmental Biology of the Weill Cornell Medical College is seeking to recruit a senior, tenure-track faculty member with an outstanding program in basic science. We are especially interested in exceptional candidates who would complement but not duplicate existing programs in cell biology (epithelial cell polarity, molecular motors, cell signaling) or developmental biology (neural, vascular, tubular organ development, mouse developmental genetics, and gene regulatory networks) within the department and medical college (http://www.cornellcelldevbiology.com). Candidates should demonstrate an outstanding record of productivity, a significant mentoring record, and sustained extramural funding. He/She may have PhD, MD, or MD-PhD degrees. Primary appointment for the recruited faculty member will be in the Department of Cell and Developmental Biology.

The successful candidate will be assigned generous start-up support and recently renovated laboratory space. She/He will benefit from a full complement of state-of-the-art core facilities, and have the opportunity to participate in programs of the Weill Cornell Graduate School of Medical Sciences, which includes faculty from Weill Cornell Medical College and the Sloan-Kettering Institute, and in the Tri-Institutional MD-PhD Program, which includes Weill Cornell, Sloan-Kettering, and Rockefeller University.

Applicants should send a curriculum vitae, bibliography, and statement of research interests to: Ms. Pearl Arnold, Department of Cell and Developmental Biology, Box #45, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10065. Email: paa2008@med.cornell.edu.

Weill Cornell Medical College is an Equal Opportunity, Affirmative Action Educator and Employer.

Molecular Foundry Director

The Materials Sciences Division at the University of California’s Lawrence Berkeley National Laboratory invites applications and nominations for the position of Director of the Molecular Foundry. The Molecular Foundry is a U.S. Department of Energy “User Facility”, whose staff of 60 is engaged in a broad range of nanoscience research programs. Scientific staff pursue projects of their own design, and also collaborate with scientists (users) from around the world whose own research efforts benefit from effective use of the Foundry’s equipment, techniques, and staff expertise. The Foundry Director will be appointed as a Senior Scientist at Berkeley Lab. The possibility exists for an additional affiliation with the University of California.

Duties of the Foundry Director:
• Articulate and implement a vision to guide the scientific direction, structure, organization, management and operation of internal research and user-support activities of the Foundry, as it continues to grow.
• Work effectively with Berkeley Lab and DOE management to ensure that sufficient resources are available to support both the user program and the internal research mission.
• Recruit and retain staff, and provide leadership to foster staff career growth and advancement.

Applicants should have:
• Distinguished record of excellence in nanoscience research
• Demonstrated record of breadth of knowledge and vision across a wide range of nanoscience fields
• Ability to manage the scientific, managerial and operational components of a large, complex, internationally recognized scientific enterprise

Please see the complete job posting and apply at http://foundry.lbl.gov/, # 23768.

AA/EEO
ENDOWED PROFESSORSHIP
DEPARTMENT OF
BIOINFORMATICS AND GENOMICS

We invite applications for the Carol Grotenes Belk Distinguished Professorship in the Department of Bioinformatics and Genomics. This research department, housed in the newly dedicated, $35M Bioinformatics Building, has a collaborative and interdisciplinary research focus targeting areas within structural biology, molecular biophysics, plant genomics, metagenomics, and human health. The department seeks candidates who have established outstanding research programs directed toward critical issues in 21st century biology using computational techniques, alone or in combination with experimental approaches. The successful candidate should have a demonstrated interest in fostering collaboration, and a commitment to teaching and mentorship.

Applications must be made electronically at jobs.uncc.edu (position #1070) and must include a CV, a list of four references, and statements on research, teaching, and leadership. Applicants are also encouraged to contact the Search Committee Chair, Dr. Cynthia Gibas (cgibas@uncc.edu). All enquiries and applications will be treated as confidential. For additional information, please visit our website at www.bioinformatics.uncc.edu.

UNC Charlotte is an EOE/AA Employer and an NSF ADVANCE Institution.

Laboratory Head Positions
Center for Brain Disorders
Institute of Neuroscience
Shanghai

The Institute of Neuroscience (http://www.ion.ac.cn), Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, invites applications for laboratory head positions in the newly founded Center for Brain Disorders. We are seeking outstanding scientists who are interested in studying mechanisms of brain diseases and in developing animal models for studying brain diseases, with an emphasis on non-human primate models.

Candidates must have a Ph.D. or equivalent training, with significant post-doctoral research accomplishments. Appointments may be made at the level of Investigator or Senior Investigator, equivalent to tenure-track assistant/associate professor or tenured professor in the US research universities, respectively. The laboratory heads are expected to develop an active research program and to supervise graduate students and post-doctoral fellows. Excellent start-up fund, annual operating fund, competitive salary, and housing benefits will be provided.

Interested individuals should send C.V., a brief research plan, three letters of references, via e-mail to ray Wang (yw@ion.ac.cn). Applicants will be considered within one month after the receipt of the application.
In addition, candidates for senior appointments must have a demonstrated leadership position in their field of expertise.

Candidate should possess a PhD from a well-recognized university, and must have a strong passion and commitment to excel in both research and teaching.

As part of its on-going drive to excel, NANYANG ENGINEERING invites motivated persons who can flourish in the prevailing, unparalleled, research-oriented environment in this university, and in Singapore, to apply for faculty positions. Many positions of all ranks are available in various engineering schools. The aspiring candidate should possess a PhD from a well-recognized university, and must have a strong passion and commitment to excel in both research and teaching. In addition, candidates for senior appointments must have a demonstrated leadership position in their field of expertise.

Applications and enquiries are invited in emerging fields, which include but not limited to the following broad areas:

**Engineering and Medicine**
- Bio-informatics
- Pharmaceutical and Biomolecular Engineering
- Synthetic Biology and Bio-physiology
- Medical Devices
- Remote Healthcare

**Energy**
- Electrical Power and Energy
- Hybrid Power Systems
- Materials and Devices for Energy Harvesting and Storage

**Sustainable Living**
- Environmental Chemistry
- Green Building Systems and Materials
- Risk Analysis and Management
- Protective and Resilient Systems
- Urban Infrastructure

**Intelligent Media, Systems and Computing**
- Artificial or Computational Intelligence
- Digital Media Processing
- High Performance Computing
- Machine Learning and Intelligent Agents
- Systems Engineering applied to Transportation and Healthcare
- Bio-minicry
- Information Security

Positions are open until filled but review of applications will begin immediately.

www.ntu.edu.sg

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**The Montreal Neurological Institute of McGill University Faculty Position in Brain Imaging**

The Montreal Neurological Institute (MNI) of McGill University is conducting an international search for a magnetoencephalography (MEG) Scientist to lead the MEG program within the McConnell Brain Imaging Centre (BIC). The MNI is a broad-based neuroscience research institute integrated with the Montreal Neurological Hospital and is part of one of the largest and most diverse neuroscience communities in North America. The BIC (www2.bic.mni.mcgill.ca) is a large multi-disciplinary neuro-imaging research centre with 15 faculty members, 40+ affiliated faculty members, 25 technical staff members and approximately 100 graduate students and postdoctoral fellows. BIC research-dedicated facilities include state-of-the-art human MRI/fMRI and PET scanners, animal MRI and PET, cyclotron and radiochemistry labs, and large scale computing facilities. The BIC is now expanding to include an MEG program based upon secured equipment and construction funding provided by the Canada Foundation for Innovation and private donors.

We seek applications for a tenure track faculty position as an MEG scientist. Applicants should have a PhD, MD, or the equivalent, and advanced training and experience with MEG methods, instrumentation and neuroscience applications. They should also have an established track record in obtaining research funding, teaching and working in a collaborative multi-disciplinary environment. The new recruit will be expected to establish and lead the MEG laboratory and to develop a successful research program of basic and clinical neuroscience.

We offer highly attractive salary and start-up packages and an exceedingly high quality of life in Montreal, one of North America's greatest and most lively cities.

Applications should consist of a PDF file containing a letter outlining current and future research interests, CV, and the names and addresses of three references. Completed PDF files should be addressed to Dr. Robert Dunn, Associate Director Scientific Affairs at megsearch.mni@mcgill.ca and must be received by February 28, 2010. Applications will be evaluated as they are received. More information can be found at www.mni.mcgill.ca.

All qualified applicants are encouraged to apply; however, Canadians and permanent residents will be given priority. McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification.
COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

THE 2010 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. Victor Ambros University of Massachusetts Medical School, Worcester, MA, and Dr. Gary Ruvkun, Harvard Medical School, Boston, MA, were the 2009 awardees.

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, 2010

Gordon Research Conference
March 7-12, 2010
Ventura Beach Marriott, Ventura, CA

Antibody Biology and Engineering
From Basic Mechanisms to Antibody-Based Therapeutics

Chairs: E. Sally Ward (University of Texas Southwestern Medical Center) and Davinder Gill (Pfizer)
Vice-chair: Derry Roopenian (The Jackson Laboratory)

This international conference will emphasize both the basic biology of B cells and the exploitation of antibodies for therapeutic purposes. Conference sessions are:

B Cell Biology
Antibody Repertoires and Diversification Mechanisms
Molecular Recognition by Antibodies and FcγRs
Functional Effects of FcγRs and Complement FcRn and IgG Dynamics
Imaging of Antibodies and Antibody-Related Processes
B Cell Tolerance
Antibody Fragments and Novel Protein Scaffolds
Therapeutic Antibodies

For GRC information and to register, visit:
http://www.grc.org/programs.aspx?year=2010&program=antibody
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WORKSHOPS SUBMISSIONS
Close 10 February 2010

SATELLITE APPLICATIONS
Close 31 March 2010

EXHIBITION SPACE APPLICATIONS
Close 31 May 2010

www.aids2010.org
INVERTEBRATE BIOLOGY
Harvard University Department of Organismic and Evolutionary Biology and Museum of Comparative Zoology

The Department of Organismic and Evolutionary Biology (OEB) at Harvard University invites applications for an entry-level, tenure-track FACULTY POSITION in the field of marine biology, emphasizing the evolution, systematics, ecology, physiology, and/or environmental biology of any clade(s) of invertebrate animals. We seek an outstanding scientist who will establish an empirical research program and teach two courses a year at the undergraduate and graduate levels. In addition to a faculty appointment in OEB, this person will receive a curatorial appointment in the Museum of Comparative Zoology (MCZ) and will share oversight responsibilities for MCZ’s invertebrate collections. The appointment is expected to begin as early as 1 July 2010.

Applicants should submit the following as PDF files: curriculum vitae, statements of research and teaching interests, three to five representative publications, and the names and contact information of three persons from whom you have requested letters of recommendation. Letters of nomination from third parties are also welcome. Send all materials via website: http://www.lsdiv.harvard.edu/oeb/inverts_search/. Review of applications and nominations will begin 15 February 2010. Further information about OEB and MCZ is available at their websites: http://www.lsdiv.harvard.edu, http://www.mcze.harvard.edu. Harvard University is an Affirmative Action/Equal Opportunity Employer. Applications from or information about women and minority candidates is encouraged.

POSTDOCTORAL FELLOWSHIP
The Lillehei Heart Institute is a premier institute at the University of Minnesota, Minneapolis with state-of-the-art technologies and core facilities focused on the molecular regulation of myocardogenesis, stem cell and regenerative biology. We are accepting applications for highly motivated Postdoctoral Fellows to work on NIH-funded research pertaining to the role of transcription factor mediated networks to direct the fate of stem and IPS cells to a mesodermal fate (i.e., cardiac, endothelial, skeletal muscle). Ph.D. and expertise with molecular biological–biochemistry techniques, the use of transgenesis and knockout technologies will be required for this position. Interested applicants should apply online to: Daniel J. Garry, M.D., Ph.D., Director of Lillehei Heart Institute, University of Minnesota at website: http://employment.umn.edu (reference job search #161788) and include curriculum vitae, statement of interest, and names of three references.

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

COMMUNITY ECOLOGIST, tenure-track position.
The Biological Sciences Department at California Polytechnic State University, San Luis Obispo is seeking a full-time, academic year Community Ecologist beginning September 2010. For details, qualifications, and application instructions (online faculty application required), visit website: http://www.calpolyjobs.org and refer to requisition #101985. Review begin date: February 8, 2010. Equal Opportunity Employer.