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Science Careers

Science Careers

www.sciencecareers.org
Saint Mary’s College of California invites nominations and applications for the position of Dean of the School of Science. We seek a leader who will build upon a record of success and continue to develop our outstanding undergraduate science and mathematics programs. An independent institution of 3400 students, Saint Mary’s draws upon three principal traditions: Catholicism, the liberal arts, and the educational vision of the De La Salle Christian Brothers. We provide our students with an outstanding educational experience characterized by vibrant and innovative teaching, personal contact between professor and student, and collaborative research experiences. Departments and programs in the School of Science include: biochemistry, biology, chemistry, environmental science & studies, health science, mathematics & computer science, physics and astronomy, psychology, 3+2 engineering program and 2+2 pre-nursing program.

The Dean is responsible for the overall academic excellence of the School, recruitment and development of outstanding faculty and staff, promotion of pedagogical and curricular renewal, and improvement of educational effectiveness. The Dean is expected to foster a rich intellectual community, support faculty and student research, and effectively manage the administrative affairs of the School. The Dean also represents the School to constituencies inside and outside the College and assists in obtaining external resources for the School and the College. The Dean is the primary advocate for the nearly 50 full-time faculty who display a strong commitment to teaching, research, and mentoring of students. At the same time, the Dean ensures that the programs and policies of the School are consistent with the College’s mission and overall direction.

In addition to an understanding of and commitment to the Catholic, Lasallian, and Liberal Arts mission of the College, the successful candidate will possess an earned Doctorate in an appropriate field, along with evidence of teaching excellence, high-quality scholarship and service, as well as solid administrative skills and a record of open and collaborative leadership.

Position is available summer 2010. Salary is commensurate with experience, qualifications and internal equity considerations. Review of application materials begins Dec. 11, 2009. Please send application electronically as a Microsoft Word attachment and include a cover letter, curriculum vitae and a list of five references with names, titles, e-mails and telephone numbers. References will not be contacted until the candidate approves. All nominations and expressions of interest will be kept in strict confidence. Please direct inquiries, nominations and applications to:

Dr. Robert Kaffer
FENNELL ASSOCIATES HIGHER EDUCATION SERVICES
bobkaffer@gmail.com
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ASSOCIATE LABORATORY DIRECTOR
ENVIRONMENT & LIFE SCIENCES

Brookhaven National Laboratory (BNL) seeks an Associate Laboratory Director (ALD) to provide leadership of a newly created directorate that includes the Environmental Sciences, Biology and Medical Departments with a combined staff of 225. The ALD reports to the Laboratory Director. The Laboratory is especially interested in developing programs that link its existing world-class research on the response of ecosystems to rising CO2 concentrations to its climate-change related molecular biology research, and to its analysis and modeling capabilities. Important related assets include BNL’s synchrotron, nano-science and computing capabilities in addition to its nearness to Stony Brook University (www.sunysb.edu), which enables close collaboration and joint appointments.

Qualifications include an advanced degree and a distinguished research career in environmental, climate or biological science, and experience managing a large research program in a federally funded environment. Demonstrated ability to work with multiple sponsors at the federal and state level, as well as private industry, is highly desirable, as is experience with international organizations. Responsibilities include developing internationally recognized programs that are aligned with the mission of the Department of Energy; participating in lab-wide planning for Laboratory initiatives in energy and environmental sciences; linking directorate research and taking advantage of BNL’s unique facilities; maintaining and enhancing excellence and productivity; developing outreach to universities and supporting collaborations between industrial partnerships and end users. The ALD is also responsible for operational and environmental performance, including safety.

For consideration please apply online at www.bnl.gov/hr/careers, responding to Position ID #15077 (listed under Management). Brookhaven is an Equal Opportunity Employer committed to workforce diversity.

CHAIR
Department of Pharmacology and Experimental Therapeutics
University of Maryland School of Medicine

Applications for the position of Chair of the Department of Pharmacology and Experimental Therapeutics at the University of Maryland School of Medicine (SOM) are invited from established, dynamic scientists with a creative vision of contemporary pharmacology. The Department was established in 1920, and currently has major research strengths in neuropharmacology, oncopharmacology and toxicology (see http://pharmacology.umaryland.edu/).

The successful candidate should have a superb record of scholarly activity, extramural funding and service, together with proven leadership, mentoring and administrative abilities, a legacy of building interdisciplinary programs and resources, and a commitment to further expand the high national and international visibility and prestige of the Department. Nominations and applications should be sent to Dr. Meredith Bond, Chair, Search Committee for the Chair of Department of Pharmacology and Experimental Therapeutics, at pharmsearch@som.umaryland.edu. Applicants should submit, by email, a letter summarizing their qualifications and interest in the position and an updated Curriculum Vitae. The letter should specify research, teaching, service, administrative experience, mentoring history and interdisciplinary achievements. All inquiries, nominations and applications will be treated confidentially. For more information, please visit the University of Maryland School of Medicine website at http://medschool.umaryland.edu. For questions or additional information, contact Dr. Bond directly at mbond@som.umaryland.edu. Review of applications will begin Decem- ber 1, 2009 and will continue until the position is filled.

University of Maryland is an Equal Opportunity/Affirmative Action Employer.
Staff Scientist, Laboratory of Immunology

The National Institute of Allergy and Infectious Diseases (NIAID) conducts and supports a global program of research to better understand, treat, and ultimately prevent infectious, immunologic, and allergic diseases. NIAID’s Laboratory of Immunology, Lymphocyte Biology Section (LBS)/Program in Systems Immunology and Infectious Disease Modeling (PSIIM) has an opening for a staff scientist with expertise in optical imaging.

LBS/PSIIM’s aim is to create a detailed understanding of immune responses to foreign pathogens or self antigens, as well as to develop new tools for predicting how the immune system will respond if perturbed, for example, by a vaccine. The laboratory uses optical imaging involving both 2-photon and confocal instruments in pursuing these goals (www.niaid.nih.gov/labs/aboutlabs/14/lymphocyteBiologySection/germain.htm).

The successful applicant will have primary responsibility for maintaining and operating four distinct 2-photon instruments (a custom dual laser, resonant scanner device; a Zeiss 510; a Zeiss 710; and a BioRad radiance 2100), two of which are also fully equipped confocal instruments. The successful applicant will work with LBS/PSIIM postdoctoral fellows in conducting their imaging studies as well as with staff from collaborating laboratories. Resources will be available to upgrade and modify these instruments, to acquire new instruments, and to develop novel imaging probes and methods. Software development will be encouraged, especially in collaboration with PSIIM computational staff.

Additionally, there will be opportunity for the successful applicant to design, conduct, and publish the results of biological imaging experiments. Strong technical applicants lacking an immunology background who are otherwise excellent fits to the imaging needs will be given full consideration. If hired, such an applicant will be provided opportunities for training and education in immunology and infectious diseases to facilitate development of a strong experimental research program in addition to technical activities and collaborative work with other members of LBS/PSIIM.

To apply, send curriculum vitae, bibliography, three letters of recommendation, and a short statement about your skill set including how you see applying optical imaging to better understanding immunity (no more than two pages) by January 31, 2010, to Ronald Germain, M.D., Ph.D., Chief, LBS; Director, PSIIM, NIAID/NIH/HHS, 10 Center Drive, MSC 1892, Building 10, Room 11N311, Bethesda, MD 20892-1892 or rgermain@nih.gov.

For more information about NIAID and to view additional career opportunities, please visit www.niaid.nih.gov/careers/ssds.
HUMAN GENETICIST, Tenure-Track/Tenure Position
Laboratory of Translational Genomics

The newly formed intramural Laboratory of Translational Genomics (LTG) in the Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), is recruiting a tenure-track/tenured investigator. The mission of the LTG is to investigate the genetic basis of strong association signals identified by candidate gene approaches, linkage analyses in high-risk families, or genome-wide association studies (GWAS), particularly loci identified by the ongoing Cancer Genetic Markers of Susceptibility (CGEMS) program involving GWAS of several major cancers. Investigators in the LTG are expected to develop an independent research portfolio in cancer genomics focused on (1) fine mapping and re-sequencing of loci relevant to cancer susceptibility and/or outcomes, (2) investigation into the causal gene variants that provide biological plausibility for each locus, and (3) bioinformatic analyses of publicly available datasets derived from germline annotation of genetic variation and somatic alterations in cancers.

Each investigator is expected to leverage the NCI resources in molecular epidemiology, high-throughput genotyping and whole genome scans, biostatistics and bioinformatics, as well as in basic and clinical sciences. The incumbent will receive research support for developing a state-of-the-art genomics laboratory, and recruiting two post-doctoral fellows/bioinformaticians and a technician.

Applicants must have an M.D. and/ or Ph.D. in a relevant field, extensive post-doctoral experience, and a record of publications demonstrating potential for creative independent research in human cancer genetics. Facility with bioinformatics databases and high dimensional data are highly desirable along with strong communication skills.

Interested individuals should send a cover letter, curriculum vitae and a brief summary of research accomplishments and goals, along with copies of three to five publications or preprints, and three letters of reference to: Ms. Judy Schwadron, Division of Cancer Epidemiology and Genetics, National Cancer Institute, 6120 Executive Blvd. EPS/8073, Bethesda, MD 20892.

Recommendations can be included with the package or sent directly by the recommender to Ms. Schwadron. Candidates should submit applications by January 15, 2010; at this time, the committee will begin to look at suitable candidates. However, the search will continue until qualified scientists are found. Additional information about staff and ongoing research in the NCI Division of Cancer Epidemiology and Genetics is available at http://www.dceg.cancer.gov. Please contact Dr. Stephen Chanock (phone 301-435-7559 at chanocks@mail.nih.gov) or Dr Peggy Tucker (phone 301-496-8031 at tuckerp@mail.nih.gov) for questions about the position. DHHS and NIH are Equal Opportunity Employers.

Department of Health and Human Services
National Institutes of Health
National Heart, Lung, and Blood Institute
Deputy Scientific Director

The Division of Intramural Research (DIR) of the National Heart, Lung and Blood Institute (NHLBI) is seeking an exceptional candidate for the position of Deputy Scientific Director to provide leadership and support as an active partner with the Scientific Director in leading a large research program. The research program is wide in scope including both basic and clinical scientific research programs in such areas as heart and vascular disease, blood diseases, pulmonary, cardiology, hematology, cell biology, genetics, immunology, biophysics, and biochemistry. The existing faculty is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics (http://dir.nhlbi.nih.gov/).

This position offers a unique and exciting opportunity for the right individual to share responsibility in providing visionary leadership to an organization dedicated to uncovering new knowledge and technologies, both basic and clinical. A candidate is sought who has a commitment to scientific excellence to help identify emerging areas of opportunity for collaboration and to work with members of the research community to implement strategies for successful research outcomes. The incumbent will serve as the liaison between the DIR and the NHLBI Board of Scientific Counselors (BSC) with full oversight responsibilities for the entire BSC process. He/she will serve as a partner to establish relationships with regional hospitals to expand research opportunities and to impact clinical care. The incumbent will also build trans-NIH scientific and clinical collaborations and participate in trans-NIH initiatives. The candidate is expected to perform the specific duties listed above in addition to co-directing the intramural activities of the DIR with the Scientific Director.

Applicants must have an M.D., Ph.D., or both as well as senior-level research experience or knowledge of research programs in one or more scientific areas, related to the above mentioned DIR areas of interest. The candidate shall have administrative experience running a complex research program or institution. The candidate should be a strong communicator with the ability to work collaboratively to solve problems and to make informed decisions.

The successful candidate will be offered a competitive salary commensurate with experience and qualifications with a full benefits package (retirement, health & life insurance, leave, etc.). Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Complete applications must be received by December 18, 2009. Review of applications is expected to begin in late December, but applications will be accepted until the position is filled. Please submit a curriculum vitae and three letters of reference in .pdf or Microsoft word format only (no paper applications will be accepted) to: Robert S. Balaban, Ph.D., Scientific Director, NHLBI, c/o Tara Terndrup, nhibdeputysrch@mail.nih.gov.
The NEI seeks to develop a new program in computational analysis that fully employs human genomic, transcriptomic, proteomic, metabolomic, neurophysiological and clinical data sets to reconstruct biological networks characteristic of normal and disease states. The magnitude, diversity, rich information content, and hierarchical connectivity of these data sets require the utilization and development of novel quantitative tools. The goal is to understand human disease at a molecular level in order to develop mechanism-based therapeutic interventions.

We invite applications for head of a new laboratory of Computational Medicine within the NEI Intramural Research Program. This initiative seeks to integrate and translate knowledge from genetics and biology to a wide range of disease processes using systems, network, statistical and bioinformatics approaches.

- Examples in ocular biology amenable to a systems approach would include neuro-immune interactions, gene regulatory networks during disease pathogenesis, protein interaction pathways, neuron-glial-vascular biological networks in the retina, neuronal networks in the CNS, and developmental conditions and disorders.
- The research program has interest in developing novel computational methodologies for analyzing large genetic, biological, biomedical, neuronal, and functional data sets. Particular attention will be paid to genotype-phenotype correlations, gene-gene and gene-environment interactions. In parallel, we will actively seek to develop disease intermediate phenotypes that reflect the underlying biology and pathophysiology of disease.
- Data sets from large clinical trials, genetic studies (including GWAS), expression profiling in normal and disease conditions, and from the eyeGENE human research repository for monogenic ophthalmic diseases will be developed to reconstruct and understand ocular biological networks that link genetic perturbations, small molecule interactions, and physiological processes, to predict normal and disease states.

The NEI/NIH provides an exceptional environment of dedicated scientists as well as a wide range of resources. We currently envision that this program will be located in the newly constructed Porter Neuroscience complex that houses a diverse set of investigators from many different Institutes. The successful candidate will be expected to recruit tenure-track faculty in areas that may include computational medicine or neuroscience, network biology, genetic or molecular epidemiology, cell and molecular biology, statistical genetics, bioinformatics, and biostatistics into the new Laboratory of Computational Medicine. Applicants should have a MD, MD/PhD or PhD and an outstanding record of accomplishments in genetics, epidemiology, neuroscience, cell and molecular biology, biostatistics, or a related quantitative discipline. Senior scientists would have the opportunity to maintain their participation in existing collaborative research in non-eye diseases if desired.

This position will remain open until filled. Applicants should submit curriculum vitae, bibliography, copies of their five most significant publications, a summary of research accomplishments, names of three references, and a detailed experimental plan for the development of this program. These materials should be sent to: The Office of the Scientific Director, National Eye Institute, Attention: Ms. Mica Gordon (gordonmi@nei.nih.gov), NIH Building 31, 31 Center Drive, Room 6A22, Bethesda, MD, 20892.

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The Division of Intramural Research, National Institute on Deafness and Other Communication Disorders (NIDCD), is seeking a tenure-track scientist to establish an independent research program applicable to hearing and balance. We welcome applications from candidates with clinical, translational, or basic scientific interests or programs. Preference will be given to candidates whose experimental approaches complement those of our existing strong programs in the genetics, development and cell biology of hearing and balance. The successful candidate will join a dynamic group of scientists in a growing intramural program at the forefront of research on communication disorders.

The NIDCD offers an exceptional working environment including well-equipped research laboratories, the NIH Clinical Center, and numerous opportunities for collaboration. This position includes a generous start-up allowance, an ongoing commitment of research space, laboratory resources, and positions for personnel and trainees. Candidates must possess a Ph.D., M.D., or equivalent degree, post-doctoral research experience, and an outstanding publication record. Salary is commensurate with education and experience.

Please submit a curriculum vitae including bibliography, statement of research interests, an outline of your proposed research, and full contact information for three references to: Ms. Linda De Iberri, Office of the Scientific Director, NIDCD, 5 Research Court, Room 2B28, Rockville, MD 20850 (deiberril@nidcd.nih.gov). Applications will be reviewed starting January 2, 2010 and accepted until the position is filled. DHHS and NIH are Equal Opportunity Employers and encourage applications from women and minorities.
SEVEN SCIENCE AND RESEARCH POSITIONS

• Senior Disease Ecologist, Conservation Biologist or Veterinarian with a Ph.D. or DVM/Ph.D and substantial experience managing international conservation and disease ecology research and field programs. Duties include management of field teams and building an independent research program on infectious disease ecology and conservation biology in emerging disease hotspots (S. America, S. Asia, SE. Asia).

• Four positions: Post Doctoral Field Ecologist/Epidemiologist/Veterinarian to conduct research on emerging diseases and run field programs in S. America, S. Asia, and SE. Asia surveying wildlife for our new USAID PREDICT program. Must have experience working in developing countries. Experience with free-ranging wildlife is preferred.

• Post Doctoral Modeler/Epidemiologist/Ecologist to study the dynamics of pathogens in wildlfe, humans and domestic animals. Excellent spatial statistical and dynamic modeling skills required.

• Modeling Research Assistant (graduate-level) to analyze dynamics of pathogen spillover from wildlife and livestock to people. Strong statistical or dynamic modeling background required. Epidemiological skills an advantage.

TWO MOLECULAR BIOLOGY POSITIONS IN PATHOGEN DISCOVERY

Based at the Center for Infection and Immunity, Columbia University, in Prof. W. Ian Lipkin’s laboratory, jointly supervised by Dr. Peter Daszak, Wildlife Trust.

• Post Doctoral Molecular Biologist to employ cutting edge technology to discover novel viral pathogens in wildlife samples. Ph.D. in Biological or Molecular Sciences and strong laboratory background are required.

• Laboratory Technician to employ cutting edge technology to discover novel viral pathogens in wildlife samples. MS in Biological or Molecular Sciences and strong laboratory experience are required.

TWO ADMIN. POSITIONS AT WILDLIFE TRUST NEW YORK CITY HEADQUARTERS

• International Grant and Program Manager, responsible for federal grant administration, logistical operations for research programs, and international project coordination. International travel is required. B.S. or M.S. degree in a suitable field.

• Program Assistant, to manage office functions in New York. Candidate must have excellent organizational and communication skills. Experience in financial management and IT is an advantage.

Further details can be found at www.wildlifetrust.org/jobs. All positions are based in New York and require some international travel. Review of applications will begin November 15, 2009. Candidates should submit, in one attached document, a full CV, names and email addresses of 2 academic references, and a 2-page cover letter by email to jobs@wildlifetrust.org stating clearly the position of interest and career goals.

THE UNIVERSITY OF CALIFORNIA AT BERKELEY

Department of Molecular and Cell Biology

Faculty Position in Stem Cell Biology

The Department of Molecular and Cell Biology at Berkeley is seeking applicants for a faculty position in stem cell biology. Candidates at both the junior (non-tenured) and senior (tenured) faculty level will be considered. In addition to evidence of a strong research program, candidates are expected to have an interest in undergraduate and graduate teaching. The position will be a 9-month academic year appointment.

With regard to research, we seek individuals studying any aspect of stem cell biology, including (but not limited to) the use of stem cells to develop models of human biology or disease, molecular mechanisms of transcriptional regulation in pluripotent and differentiating stem cells, the regulation of stem cell renewal and differentiation during development, and the biology of cancer stem cells. The precise area is less important than a demonstrated record of excellence, originality and productivity in research. The successful candidate could choose to affiliate with any one of the five Divisions within the Department (Biochemistry and Molecular Biology; Genetics, Genomics and Development; Cell and Developmental Biology; Immunology and Pathogenesis; and Neurobiology). The stem cell biology program is to be housed in a new building currently nearing completion, the Li Ka-Shing Center for Biomedical and Health Sciences, which will also house programs in infectious disease, cancer biology, neuroscience and computational biology.

Applications and letters of reference should be submitted online through http://www.berkeley.edu. Applications should include a curriculum vitae; a list of publications; copies of three significant publications; a brief description of research accomplishments; and a statement of research objectives and teaching interests. In addition, junior applicants applying for a non-tenured position should arrange to have three letters of reference submitted. Potential reviewers should be referred to the Statement of Confidentiality found at: http://apo.berkeley.edu/evalrtr.html. The deadline for applications is January 4, 2010.

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

Worcester Polytechnic Institute

Department of Biology & Biotechnology

Faculty Position

The Department of Biology & Biotechnology invites applications for a tenure-track faculty position at the ASSISTANT PROFESSOR level (http://www.wpi.edu/Academics/Depts/BBT/). This position is part of a ‘cluster hire’ of 7 faculty positions this year in WPI’s ongoing initiative in the life sciences (www.wpi.edu/gotolife). Areas of particular interest include ecology and environmental biology, cell and developmental biology, and systems biology. We are especially inviting candidates working with microbial systems, although a promising research program and a commitment to teaching are more important than the research topic or organism. The ideal candidate will enjoy an interdisciplinary environment, with opportunities to interact with faculty in environmental or biomedical engineering in focus areas including green energy, environmental studies, and regenerative medicine.

Faculty are expected to establish a vigorous, externally funded research program, and to fully participate in teaching at the undergraduate and/or graduate level.

Located in Worcester, MA, WPI is a highly selective private university with an undergraduate student body of over 3,200 and 1,100 full-time and part-time graduate students (M.S. and Ph.D.). WPI is consistently ranked among the top national universities in U.S. News & World Report.

Interested candidates should forward applications including a cover letter, curriculum vitae, a description of research plans, a statement of teaching philosophy, and a list of five references (with full contact information) to: Professor Eric Overstrum, Head, Department of Biology & Biotechnology at faculty-searchBBT@wpi.edu. Review of applications will continue until the position is filled.

To enrich education through diversity, WPI is an affirmative action, equal opportunity employer.

– A member of the Colleges of Worcester Consortium.–

Ecosystem Ecology Assistant Professor

The Department of Biology at the University of Massachusetts Boston seeks candidates for a full-time tenure track Assistant Professor in ecosystem ecology or a closely related field starting in September 2010. Applications will be particularly welcome from candidates who are working on some aspect of global change, landscape ecology, or conservation in marine, aquatics, freshwater, and/or terrestrial ecosystems. Possible areas include land use/land cover change, watersheds/wetlands, carbon sequestration, invasive species and community interactions.

The successful applicant is expected to establish an externally funded research program and to be actively committed to teaching at both the undergraduate and graduate levels. There are excellent opportunities to collaborate and engage in multidisciplinary research with UMass Boston faculty. The University has a strong faculty and substantial research programs in environmental areas, and doctoral programs in Environmental Biology, Molecular, Cellular and Organismal Biology, and Environmental Sciences. Applicants must have a Ph.D. and postdoctoral (or equivalent professional) experience. Members of underrepresented groups and women are strongly encouraged to apply.

Please send a statement of teaching and research interests and goals, curriculum vitae, 3-5 representative reprints and three letters of reference. Preference is given to candidates who are interested in strongly collaborating and interacting with the UMass Boston faculty. Send a statement of teaching and research interests and goals, curriculum vitae, 3-5 representative reprints and three letters of reference. Preference is given to candidates who are interested in strongly collaborating and interacting with the UMass Boston faculty. Send a statement of teaching and research interests and goals, curriculum vitae, 3-5 representative reprints and three letters of reference. Preference is given to candidates who are interested in strongly collaborating and interacting with the UMass Boston faculty. Send a statement of teaching and research interests and goals, curriculum vitae, 3-5 representative reprints and three letters of reference. Preference is given to candidates who are interested in strongly collaborating and interacting with the UMass Boston faculty.

UMass Boston is an Affirmative Action, Equal Opportunity, Title IX employer.

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Discover Where Diverse Minds Meet.

Have you ever wanted to meet other scientists from diverse backgrounds? Build relationships not limited by geography or chance? Connect with people who share your interests, face similar challenges, and have overcome obstacles to become leaders in their fields? Find them all at MySciNet, the new online community from Science, Science Careers, and AAAS.

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Whether you’re a student embarking on your career or a seasoned professional who wants to share your experiences, MySciNet welcomes you. Help create a thriving community of inclusion. Get involved and connect with MySciNet today.

Community.ScienceCareers.org/MySciNet

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**FACULTY POSITION**

**Environmental Science**

**NYU Abu Dhabi**

New York University has established a new comprehensive liberal arts campus in Abu Dhabi, the capital of the United Arab Emirates. New York University Abu Dhabi (NYUAD) will consist of a highly selective liberal arts college (Arts, Humanities, Social Sciences, Sciences and Engineering), distinctive graduate programs, and a world-class Institute for advanced research, scholarship, and creative work. NYUNY and NYUAD are integrally connected. The faculties work together, and the campuses form the foundation of a unique global network university, linked to NYU’s other study and research sites on five continents.

As part of a multi-year hiring plan, New York University Abu Dhabi’s Division of Science, Technology, Engineering and Mathematics invites applications for a senior rank faculty position in Environmental Science to begin September 1, 2010. Extraordinary applications at the associate or assistant professor level will also be considered. Broadly, we seek an individual with an outstanding record of accomplishment in research and teaching in one or more of the following branches of Environmental Science: theoretical, computational, or observational. The individual will develop a world-class research program in environmental science relating to worldwide or regional problems in climate, global change, or related disciplines. The recruited faculty will participate in teaching in an innovative three-semester course in science called “Foundations of Science,” which is designed to integrate basic concepts from various science disciplines, and is required for all science majors at NYUAD. The candidate will also lead the establishment of a new interdisciplinary major in environmental studies. Strong links to research and teaching at NYU New York will be created through frequent exchange visits. The terms of employment are competitive compared to U.S. benchmarks and include housing and educational subsidies for children.

The deadline for submission is December 15, 2009. Applicants must submit a cover letter, curriculum vitae, statement of research and teaching interests, and the names and addresses of three references in PDF format in order to be considered. Please do not submit preprints or publications at this time. Complete instructions for the application process and additional information can be found at http://nyuad.nyu.edu/human.resources/open.positions.html. If you have any questions, please e-mail nyuad.environment@nyu.edu.

NYU Abu Dhabi is an Equal Opportunity/Affirmative Action Employer.

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**Endowed Professorship in Neuroscience**

The Department of Anatomy and Neurobiology at the University of Tennessee Health Science Center is seeking outstanding neuroscientists to fill one or two tenure track positions. Appointments can be at any rank (ASSISTANT, ASSOCIATE, FULL PROFESSOR). The Department is the center of a well-established, collaborative multidisciplinary neuroscience program. Our facilities include state-of-the-art laboratories, a unique mouse genetics reference population (http://egb.utmem.edu) and we offer competitive salary and startup packages. We seek candidates to complement existing departmental strengths, which include electrophysiological, anatomical, behavioral, and genetic approaches to understand normal and pathological brain function. For additional information, see departmental (http://www.utmem.edu/anatomy-neurobiology/) and Neuroscience Institute (www.utmem.edu/neuroscience/) websites. We are particularly interested in candidates using molecular/genetic and/or optical imaging approaches for the study of excitability, synaptic function, neural development, sensory or motor systems, or neurodegenerative diseases. The successful candidate is expected to establish or maintain an independent, extramurally funded research program, and contribute to the department’s teaching mission. Candidates must have a Ph.D., M.D., or equivalent, and relevant postdoctoral experience.

Submit curriculum vitae, summary of current and proposed research programs, teaching experience and interests, and contact information for three to five references, in a single Word or PDF document to bjsmith@utmem.edu. For best consideration, applications should be received by December 1, 2009, however review of applications will begin immediately.

The University of Tennessee is an Affirmative Action Employer, and we encourage applications from women and underrepresented minorities. The University of Tennessee is an EEO/AA/Title VI/Title IX, Section 504/ADA/ADEA Employer.
DIRECTOR, FRATERNAL ORDER OF EAGLES DIABETES RESEARCH CENTER

The Carver College of Medicine at The University of Iowa seeks candidates for the position of Director, Fraternal Order of Eagles Diabetes Research Center. The University, in partnership with the Fraternal Order of Eagles, is establishing a comprehensive diabetes research center. This is an extraordinary opportunity, as substantial resources are available to recruit a director and several faculty members. In addition, the Center will be located on a 20,000 square feet floor of the Iowa Institute for Biomedical Discovery, which is under construction.

The director is the spokesperson for the Center and represents it in interactions with the college, the university, as well as nationally. Responsibilities include faculty recruitment and appointments; educational and research programs; fiscal planning and management; interaction with other departments and centers; and short term and long term strategic planning. In addition, the director is a member of the Medical Council, which provides input to the Dean.

Candidates must have previous records consistent with appointment as a tenured professor in an appropriate academic department. This includes a PhD or MD degree or equivalent and an outstanding record of accomplishments in research, teaching, and service. The successful candidate should have the demonstrated capacity to foster an environment in which excellence in research, teaching, and scholarship can flourish, as well as experience and interest in developing and leading research programs. Desirable attributes include a record of innovative and effective administrative and fiscal leadership, a record of excellent interpersonal skills, demonstrated experience promoting a diverse workforce, and positive interactions with students, staff and faculty. An interest in interdisciplinary research programs is necessary.

The Carver College of Medicine is part of a major research university and ranks 11th among public medical schools in National Institutes of Health funding. The College and the University of Iowa Hospitals and Clinics are equal partners in UI Health Care. The hospital is one of the largest university-owned teaching hospitals in the United States and is adjacent to the Iowa City Department of Veterans Affairs Medical Center.

The University of Iowa is located in Iowa City, a vibrant community located in the rolling hills of Southeastern Iowa. The community offers excellent schools, quality entertainment, literary, musical and cultural opportunities and Big 10 sporting events.

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

To apply for this position visit our website at:
http://jobs.uiowa.edu/faculty
(Requisition # 57198)

Contact information:
Daryl Granner and Michael Welsh
Co-Chairs, Diabetes Center Director Search Committee
Attn: Nancy Grubb
Office of the Dean, 216 CMAB
The University of Iowa
Carver College of Medicine
Iowa City, IA 52242-1101
nancy-grubb@uiowa.edu
michael-welsh@uiowa.edu
daryl-granner@uiowa.edu

IST Austria is looking for

PROFESSORS

and

ASSISTANT PROFESSORS

IST Austria (Institute of Science and Technology Austria) is a new institute located near Vienna, dedicated to basic research at the highest international level. The Institute invites applications and nominations for Professors and Assistant Professors in Life Sciences, Physical Sciences, Mathematics and Computer Science, as well as in any multidisciplinary field.

The Institute (www.ist.ac.at), established by the Austrian Government, opened its campus in 2009. Its funding is substantial, allowing for over 500 employees and graduate students by 2016. IST Austria is entitled to award Ph.D. degrees and includes an English-language Graduate School. It aims to achieve an international mix of scientists and recruit them solely on the basis of their individual excellence and potential contribution to research.

The Institute is recruiting leaders of independent research groups. Professors will have indefinite contracts and Assistant Professors will have fixed-term contracts for an initial period of five years, with a possible, but not automatic, renewal for two additional years. Before the end of this period, the scientist will be considered for an indefinite appointment as a Professor at IST Austria, the decision being based on merit only (as is the case for a “Tenure-Track Assistant Professor” at U.S. universities).

The selected candidates will receive a competitive salary and a substantial annual research budget, covering operating expenses and the cost of Ph.D. students, postdoctoral fellows, and technical staff. Additional costs of starting a new laboratory, including instruments and infrastructure, will be offered separately. Scientists are also expected to apply for external research grants.

Applications and nominations should be sent to professor@ist.ac.at or assistant.professor@ist.ac.at, depending on the relevant position. Applications must include a CV, a list of publications and a research plan. Nominations should include an appraisal of the achievements and scientific qualifications of the nominee.

IST Austria is committed to Equality and Diversity. In particular female applicants are encouraged to apply.
School of Biosciences

Postdoctoral Research position in the Future of Reefs in a Changing Environment - FORCE (Ref. H87N2381)

Salary in the range £26,391 to £31,513 per annum, depending on knowledge and experience

Fixed-term for 4 years

Position based at the University of Queensland, Brisbane, Australia

The School of Biosciences at the University of Exeter wishes to recruit a Postdoctoral Researcher to join the research group of Professor Peter Mumby on a four year research project funded by the EU. The post is available from 1 March 2010. You will join a diverse network of scientists that includes coral biologists, field ecologists, climate modellers and conservation biologists. This collaborative project will focus on modelling of climate change impacts and bioerosion on Caribbean coral reefs and will involve extensive travel in the region.

You must possess a PhD or equivalent in a related field of study, have a background in ecological modelling (although this does not have to involve coral reefs or marine ecosystems) and have an appropriate track record of publications. Experience in bioerosion and reef accretion/calcification is desirable. You should be a confident, independent scientist with knowledge in the discipline and of contemporary research methods and techniques to work within established research programmes, and willing to work collaboratively with partners in other institutions and disciplines. Although you will be employed by the University of Exeter, this position will be seconded to the University of Queensland and you will be required to travel extensively in the Caribbean region to liaise with project partners.

Postdoctoral Research position in Coral Reef Studies (Ref. H88N2307)

Salary will be in the range £26,391 to £30,594 per annum

Fixed-term for 3 years

Position based at the University of Queensland, Brisbane, Australia

The School of Biosciences at the University of Exeter wishes to recruit a Postdoctoral Researcher to join the research group of Professor Peter Mumby on a grant funded by the Natural Environment Research Council (NERC) from 1 January 2010. You will join a diverse network of scientists that includes coral biologists, field ecologists, climate modellers and conservation biologists. This project will focus on spatially realistic modelling of coral and fish metapopulation dynamics

You must possess a PhD or equivalent in a related field of study, have a background in ecological modelling (although this does not have to involve coral reefs or marine ecosystems) and have an appropriate record of publications. Experience in bioerosion and reef accretion/calcification is desirable. You should be a confident, independent scientist with knowledge in the discipline and of contemporary research methods and techniques to work within established research programmes, and willing to work collaboratively with partners in other institutions and disciplines. Although you will be employed by the University of Exeter, this position will be seconded to the University of Queensland and you will be required to travel extensively in the Caribbean region to liaise with project partners.

For further information on either of these posts please contact Professor Peter Mumby, e-mail: p.j.mumby@ex.ac.uk or telephone: +44 (0)1392 263798.

To apply, please send your CV and covering letter with the contact details of three referees to Professor Peter Mumby, School of Biosciences, Hatherly Laboratories, University of Exeter, Prince of Wales Road, Exeter EX4 4PS (e-mail: p.j.mumby@ex.ac.uk) quoting the appropriate job reference number.

The closing date for completed applications is 25 November 2009.

The University of Exeter is an equal opportunity employer and promotes diversity in its workforce and, whilst all applicants will be judged on merit alone, is particularly keen to consider applications from groups currently underrepresented in the workforce.
**PATHOLOGY POSITION AVAILABLE IN CANCER RESEARCH PROGRAM**

The Cancer Institute of New Jersey (CINJ), part of the University of Medicine & Dentistry of New Jersey (UMDNJ)-Robert Wood Johnson Medical School (RWJMS), seeks an active researcher with the skills and energy to integrate well with our existing multidisciplinary Cancer Programs. An attractive component of the program is the access to translational laboratories for clinical investigators. The CINJ seeks to expand significantly the breadth and scope of existing research programs. We are looking to identify a pathologist for this exciting and challenging position during this academic year.

Candidates must have an MD, MD/PhD or related degree. This position will include oversight for the Tissue Analytic Services core facility. It is anticipated that candidates will oversee a research program and be willing to collaborate with UMDNJ, RWJMS, CINJ, Rutgers University and Princeton University investigators with similar research interests. Primary academic appointment will be in the Department of Pathology and Laboratory Medicine, and resident member of The CINJ. Rank will be commensurate with experience and there is an excellent benefits package.

The Cancer Institute of New Jersey, part of a comprehensive educational health science and hospital complex with convenient access to public transportation and major highways, is located in New Brunswick, New Jersey, approximately one hour from New York City and Philadelphia, and in the middle of the Washington-Boston corridor. Moreover, the majority of pharmaceutical companies are located near The CINJ complex. This proximity allows for collaborations at several levels, which is the norm for The CINJ members.

Nominations, letters of interest, and CVs should be addressed to: Isaac Y. Kim, MD, PhD, Co-Chair, Search Committee, c/o Louise Burke, 335 George Street, Suite 3700, New Brunswick, NJ 08901. Email: burkels@umdnj.edu. UMDNJ is an Affirmative Action/Equal Employment Opportunity Employer.
The IASS invites applications for the position of

Secretary-General (m/f)

The Secretary-General will be responsible for the scientific co-ordination and working capacity of the IASS. Upon nomination by IASS Executive Committee he/she will be elected through the General Assembly. The position of Secretary-General is a full-time position. The Secretary-General will conduct transactions of the Incorporated Association independently and according to the Terms of Reference of the Executive Board. The successful candidate will be responsible for the following tasks:

- Organisation of the scientific operations of the IASS and the execution of administrative tasks, directly concerning the scientific negotiations
- Support of the Executive Board in the preparation, execution and post-proceedings of General Assembly meetings and with meetings of the Strategy Advisory Board as well as all other relevant advisory bodies of the association
- Execution of strategic scientific dialogues as well as the development and expansion of scientific exchange and partnerships at highest level and according to the specification of the Executive Board

Additional requirements:

- Completed University education in a relevant discipline, doctorate degree
- Pronounced ability for interdisciplinary work at highest level
- Excellent communication skills in English, additional foreign language desired
- Well-founded knowledge and comprehension of the German and international innovative and research policy as well as the scientific base for sustainable development
- Several years of experience and knowledge in the management of an internationally aligned institution
- High degree of leadership and social skills as well as personal engagement, implementation expertise, organizational and team ability in scientific networks

Remuneration is based on the Civil Service Collective Wage Agreement (TVöD) according to the type and scope of responsibilities.

Equal opportunity is an integral part of IASS personnel policy.

The IASS encourages applications from qualified female candidates.

Handicapped applicants will be given preference in the case of equal qualifications.

Please submit your applications in written form stating the reference code IASS/GS within 14 days after publication to: Prof. Dr. Dr. h. c. mult. Klaus Töpfer, Executive Director, Institute for Advanced Sustainability Studies - IASS, Berliner Str. 130, 14467 Potsdam, Germany.
ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor (Tenure Track) of Micro- or Nanofluidics

The new Department of Biosystems Science and Engineering at ETH Zurich (www.bsse.ethz.ch) in Basel invites applications for a professorship in Micro- or Nanofluidics. The successful candidate is expected to develop a strong and visible research program in the area of micro- or nanofluidic technologies that are relevant to Systems Biology and Synthetic Biology. Research topics include but are not limited to techniques for single-cell handling (growth and storage), single-cell or single-molecule characterization and analysis, targeted system manipulations, fluidic techniques for massively parallel cell assays, dosage and synthesis of biorelevant compounds, or nanotechnological approaches to subcellular-resolution or single-molecule analysis and manipulation.

Candidates should have a Ph.D. degree with a solid background in technology and engineering. They are expected to develop cutting-edge technologies and to intensely collaborate with biology and bioinformatics groups in our interdisciplinary Department. The ideal applicant should have successful proof of obtaining support for independent research projects and have a strong publication record reflecting innovative, interdisciplinary, and collaborative approaches to important problems in biology, biotechnology, and/or medicine. In addition, commitment to teaching and the ability to lead a research group are expected. The position is planned as an assistant professorship (tenure track) with the option of an upgrade depending on the candidate’s credentials and qualifications. She or he will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae, a list of publications, and statements on future teaching and research activities to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, no later than January 31, 2010. With a view toward increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.

University of Cincinnati

PROFESSOR (28UC0913)

Applications are invited for a full-time retinal cell biologist position in the Crawley Vision Research Center in the Department of Ophthalmology at The University of Cincinnati Medical Center. Duties will involve participation in ongoing projects in vision neuroscience research. The position includes an appointment at the rank of assistant/associate/professor or professor. The title, rank, and track will be commensurate with experience. Salary and Benefits: commensurate with faculty rank and experience.

The University of Cincinnati Medical Center has an outstanding core facility in transgenic and gene targeting, genomic DNA microarray and proteomics/mass spectrometry. The Crawley Vision Research Center in the Department of Ophthalmology is well equipped for molecular biology, cell biology, histology, and small animal surgery. The Department is expanding its research program in establishing an interdisciplinary Vision Research Center in the Medical Center.

Min. Quals.: Doctoral degree or equivalent in life sciences.

Ideal Qualifications: Individuals using molecular and genetic approaches for innovative research in Ocular Surface and Retinal Cell Biology and Age-related Macular Degeneration are particularly encouraged to apply.

To apply for this position (28UC0913), please see www.jobsatuc.com

The University of Cincinnati is an affirmative action/equal opportunity employer. UC is a smoke-free work environment.

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor of Plant Ecology / Associate Professor of Plant Ecology

The Department of Environmental Sciences at ETH Zurich (www.env.ethz.ch) invites applications for a professorship in plant ecology at the level of associate (tenure) or assistant (tenure track) professor. Candidates with outstanding scientific track record in the general field of plant ecology will be considered, but preference may be given to candidates working on plant population or community ecology. The future professor is expected to establish a world-class research group and to integrate into research activities in related fields at ETH Zurich.

The successful candidate will be lecturing undergraduate and graduate level courses for students of the Department of Environmental Science and the Department of Biology. He or she will be expected to teach undergraduate level courses (German or English) and graduate level courses (English). This professorship will be equipped with a generous personnel and operational budget, but the candidate will be expected to obtain further funds for research through competitive grants.

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae and a list of refereed publications to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, no later than January 31, 2010. With a view toward increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.
**Dean, College of Agriculture & Life Sciences**

http://www.cornell.edu/provost/searches/cals/

Cornell University invites applications and nominations for the position of Dean of its College of Agriculture & Life Sciences.

Cornell, as the Land Grant University of the State of New York, is unique in pursuing its land grant mission within an Ivy League setting. The College of Agriculture & Life Sciences is a globally-preeminent institution that, through its educational, research, and extension programs, develops the knowledge, technology, and human capacity to address some of the most challenging issues facing society in the environment, food and energy systems, and community and economic development. The College is committed to having a profound impact on the lives of its urban and rural stakeholders—from fundamental discovery through direct translation of research to nature, farms, homes, and offices throughout New York State, the nation, and the world. The Dean works closely with the University administration to maintain and advance these programs as well as relationships with the State of New York and the State University of New York (SUNY) system. In addition, the Dean shares responsibility for leadership and advancement of Cornell Cooperative Extension with the Dean of the College of Human Ecology.

As chief academic and administrative officer, the Dean has the opportunity and primary responsibility for developing and implementing the strategic direction of the College of Agriculture & Life Sciences. The College has approximately 370 faculty, 500 non-professorial academics, 140 postdoctoral associates, 1,300 staff, and a student body of more than 3,300 undergraduate and 900 graduate students. As a member of Cornell’s senior administrative team, the Dean reports to the Provost and works closely with other deans and executive officers on behalf of the university as a whole.

We seek a creative leader and accomplished scholar. The new Dean will be intellectually curious, will listen carefully, administer wisely, delegate judiciously, further expand research and teaching excellence, embrace diversity, actively engage multiple constituencies, communicate clearly, advocate boldly, respect the past, understand the present, and envision the future.

In keeping with Cornell University’s commitment to building a culturally-diverse community, nominations of and applications from women and other underrepresented groups are particularly encouraged. Applications should include a statement of interest and a curriculum vitae. Applications and nominations will be kept strictly confidential. The review of materials will begin immediately and continue until the new Dean is selected.

Send materials to: College of Agriculture & Life Sciences Dean Search Manager, 440 Day Hall, Cornell University, Ithaca, NY 14853-2801. Or electronically to cadsearch@cornell.edu

Cornell University
Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

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**Principal Investigator & Vice Director Position at National Institute of Biological Sciences, Beijing**

**Principal Investigator:** National Institute of Biological Sciences, Beijing (NIBS) plans to start an expansion program and 20 to 25 multiple Principal Investigator (PI) positions are available. We expect PIs to lead independent laboratories in studying mechanism-based biological processes regardless of model systems. Candidates who are working on biochemistry, cell biology, chemical biology, plant biology, synthetic chemistry or animal model of mammalian system are particularly welcome. The candidate should have a Ph.D. degree and several years of postdoctoral training.

The initial appointment will be for 5 years, with full funding support by Chinese government. Renewal of appointment will be based on merit and is conditional upon passing reviews by international committees. In addition to generous start-up packages, core facilities and internationally competitive salaries and benefits, NIBS aims to provide its faculty members with an exciting environment, collegial and interactive colleagues, efficient administrative and support mechanisms, outstanding graduate students, and opportunities for substantial communications with the international scientific community, enabling PIs to conduct significant and creative researches. NIBS aims to develop an environment of diversity, creativity, and excellence in helping young scientists who are fresh out of their postdoctoral training to establish their laboratories quickly and efficiently. There is no limitation for different nationality and race, and foreign applicants are encouraged to apply.

**Vice Director of translational Research:** NIBS seeks to appoint an experienced leader in translational research as the vice director, who will oversee translational research at NIBS. Candidates with an MD, MD/Ph D, or PhD with extensive industrial experience are particularly encouraged to apply.

Further information about NIBS and the position is available at http://www.nibs.ac.cn.

Applicants should send their CVs and research interests for PI and work plan for vice director (limited to 3 pages) in English to the following email address: lixiaohong@nibs.ac.cn. They should also arrange 3 recommendation letters to be sent to the same address.
Department of Chemistry and Biochemistry

TWO FACULTY POSITIONS

ORGANIC or ORGANOMETALLIC CHEMISTRY: Candidates for this position must have a PhD or equivalent degree in Chemistry or related field, post-doctoral experience or equivalent, and a research area that complements existing faculty research in the department. The successful candidate will teach undergraduate and graduate courses in the area of organic chemistry, as well as other specialized courses commensurate with their area of expertise. In addition, a successful candidate will be expected to establish an externally funded research program involving both undergraduate and graduate students.

Applicants should submit a CV, a summary of research plans, a short description of teaching philosophy, unofficial undergraduate and graduate transcripts, and the contact information for three personal references to: Dr. Chad J. Booth, Chair: Organic Chemistry Search, Department of Chemistry and Biochemistry, Texas State University-San Marcos, 601 University Dr., San Marcos, TX 78666. In order to assure full evaluation, materials must be submitted by January 4, 2010.

CHEMICAL EDUCATION: A doctoral degree is required. Preference will be given to candidates who have a doctoral degree in chemistry, biochemistry, or chemical education. A doctoral degree in education with a minimum of 18 hours of graduate coursework in chemistry or biochemistry will be considered. The successful candidate will teach courses in chemistry or biochemistry and have the opportunity to expand upon the existing undergraduate teaching certification programs in chemistry and physical science. Responsibilities will include working to recruit, retain, mentor and supervise pre-service secondary chemistry teachers, engage in externally funded scholarly activities in chemical education, and build university, school and community partnerships in science education. Preference will be given to those candidates who have experience working with secondary schools, post-doctoral or equivalent research experience in chemical education, and a documented record of teaching excellence.

Applicants should submit a CV, a one to two page summary of research plans, a short description of teaching philosophy, unofficial undergraduate and graduate transcripts, and arrange for three letters of recommendation to be sent to: Dr. Debra A. Feakes, Department of Chemistry and Biochemistry, Texas State University-San Marcos, 601 University Dr., San Marcos, TX 78666. In order to assure full evaluation, materials must be submitted by January 4, 2010.

Texas State University-San Marcos is an Equal Opportunity Employer; women and members of underrepresented minorities and individuals with disabilities are encouraged to apply.
positions open

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER

ASSISTANT PROFESSORS. The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track Assistant Professor positions. Candidates must have innovative optical, mechanical, electrical, molecular biological, or computational methods with important applications to physiological systems, ranging from individual genes and proteins to cells and organs, and are encouraged to apply. However, the scientific excellence of the candidates is more important than the specific area of research.

These positions are part of the continuing growth of the Department of Physiology of one of the country’s leading academic medical centers and will be supported by significant laboratory space on our new campus, competitive salaries, and exceptional startup packages. The University of Texas Southwestern Medical Center is the scientific home to four Nobel Prize laureates, 17 members of the National Academy of Sciences, and 17 members of the Institute of Medicine. UT Southwestern conducts more than 3,500 research projects annually totaling more than $400 million.

Applicants should submit curriculum vitae along with a brief statement of research plans and should arrange to have three letters of reference sent to: James Stull, Ph.D., c/o Ronald Doris, Department of Physiology, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75390-9040. UT Southwestern strongly encourages applications from women, minorities, and people with physical challenges. An Equal Opportunity Employer.

open-rank faculty

DEPARTMENT OF BIOLOGICAL SCIENCES
UNIVERSITY OF DELAWARE

The Department of Biological Sciences at the University of Delaware is seeking to fill an open-rank Faculty Position. The University, as a member of the Delaware Health Science Alliance (website: http://www.dahsa.org/), has established research initiatives in cancer biology, cardiovascular medicine, neuroscience, and cancer biology for which the Department of Biological Sciences plays a central role. Priority will be given to those applicants whose area of research focus is translational biology in cardiovascular or rehabilitation medicine.

Requirements for the position include a Ph.D. or equivalent degree, a minimum two years of postdoctoral experience, and a strong commitment to both research and education at the undergraduate and graduate levels. A successful candidate is expected to develop and continue an active research program, pursue extramural funding, and participate in undergraduate and graduate education.

This position will occupy currently renovated laboratory space, receive a competitive salary and startup package, and have access to state-of-the-art core facilities within the Department (website: http://www.bio.udel.edu/), the Center for the One-Cell Research (website: http://www.udel.edu/cte/), and the Delaware Biotechnology Institute (website: http://www.dbi.udel.edu/). The Department of Biological Sciences consists of 35 faculty and currently has 90 students in its M.S./Ph.D. program.

Please submit complete curriculum vitae, a two- to three-page description of research interests and plans as well as one or two pages of teaching plans, and the names of at least five references to: Dr. Ulihas P. Naik, Chair, Search Committee, Department of Biological Sciences, University of Delaware, Newark, DE 19716-1590 or to our website: http://www.udel.edu/bio/news/facultysearch/. Review of applications will begin upon receipt, but the application deadline is December 31, 2009. The starting date for this position is September 1, 2010.

The University of Delaware is an Equal Opportunity Employer which encourages applications from minority group members and women.

positions open

TENURE-TRACK FACULTY POSITION

The Department of Nuclear Medicine (website: http://nm.snu.ac.kr/main.php) and the Department of Molecular Medicine and Biopharmaceutical Sciences (website: http://nmbms. knmu.ac.kr), Seoul National University, Seoul, Korea, invite a full-time, tenure-track faculty who will charge innovative research using nanomedicine (focusing on brain research and oncology) and engineering and education in nuclear medicine or Ph.D. candidates in English. Our expertise and current topics are in vivo molecular imaging revealing the expression of specific genes, biomarkers, and cell trafficking using multiple imaging techniques, including PET and SPECT. Our Department was designated as International Atomic Energy Agency Collaborating Center for Nuclear Medicine and Molecular Imaging for research and training from 2004. Applicants must have an M.D. or Ph.D. degree and be citizens of a foreign country. Please, inquire or send electronically curriculum vitae and a short statement to Prof. Dong Soo Lee, e-mail: dal@snu.ac.kr until January 1, 2010.

joint faculty position

Duke University
Department of Cellular & Molecular Engineering
Duke Global Health Institute

The Department of Biomedical Engineering (BME) at Duke University and the Duke Global Health Institute (DGHI) seek a faculty candidate who will lead the development of bioengineering tools for applications to global health. We are particularly interested in individuals with expertise in developing point-of-care diagnostics and the modeling of the spread of infectious disease. Rank is open and will depend on the qualifications and experience of the candidate. While applications from candidates with expertise in all areas of BME applied to global health are encouraged, we are particularly interested in candidates with expertise related to nanotechnology and biomaterials, gene and drug delivery, imaging, genomic technologies, and biomolecular modeling.

We seek applicants with a vision of collaboration and a research and teaching focus that is cross-disciplinary. Candidates must have a Doctorate in biomedical engineering, or a related field of science or engineering, and an outstanding record of accomplishment. The successful candidate will be expected to conduct an active, externally funded research program, to build strong connections between BME and DGHI, and to collaborate with other research groups and faculty both at Duke and the Medical Center, and have a strong commitment to teaching at the undergraduate and graduate levels.

The application materials must include curriculum vitae (with address, telephone number, and e-mail address), statements of research and teaching interests; and names, addresses, telephone numbers, and e-mail addresses of three references. For full consideration, please submit your application by December 31, 2009. Please submit application electronically to website: https://academicjobsline.org/ajo/Duke/Bioengineering/unnh4/2010. Duke University is an Affirmative Action/Equal Opportunity Employer. Applications from women and underrepresented minority groups are strongly encouraged.

faculty positions in biology

American University of Beirut

The Biology Department at the American University of Beirut is seeking to fill ASSISTANT PROFESSORSHIPS in the following fields: molecular microbiology, population genetics, bioinformatics, plant biology, and neurobiology. The department will begin to recruit the first class of graduate students in September 15, 2010. Appointment at a rank higher at rank will be considered. For more information please visit our website: http://www.eab.unib.edu.lb/fas. Applications will be accepted until January 15, 2010. The American University of Beirut is an Affirmative Action, Equal Opportunity Employer.

positions open

assistant professors

in Center for Computational and Integrative Biology

The newly created Center for Computational and Integrative Biology (CCIB) on the Rutgers University–Camden campus seeks broadly trained experimental and theoretical scientists for an assistant professor position beginning fall 2010. The CCIB is an interdisciplinary research center with participating faculty members from the departments of Biology, Chemistry, Computer Science, Mathematics (including statistics), and Physics. In keeping with the CCIB’s interdisciplinary thrust and Rutgers’ appointment procedures, we seek two successful candidates who will hold tenure-track positions in two different home departments in an open-ended, cross-disciplinary, participating department: Biology, Chemistry, Physics, and Computer Science. The mission of the CCIB is to determine the quantitative organizational principles of complex biological systems, using interdisciplinary approaches (see website: http://www.camden.rutgers.edu/dept-pages/biology/CCIB/Pages/About.htm). The CCIB will start new doctoral and Master’s programs in Computational and Integrative Biology in 2010. Successful candidates will be expected to develop an active, well-funded research program and should take a strongly collaborative approach consistent with the mission of the CCIB. The positions entail teaching undergraduate and graduate courses in the area of the applicant’s expertise. Ph.D. and postdoctoral experience expected. Applicants should send a letter of interest, curriculum vitae, representative publications, and three letters of recommendation to: Dr. Joseph V. Martin, Center for Computational and Integrative Biology, Rutgers University, Camden, NJ 08102. Review of applications will begin January 15, 2010, and continue until positions are filled. Rutgers is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are particularly encouraged to apply. Rutgers University is the recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers.

assistant professor

Duke University
Department of Earth, Atmospheric, and Planetary Sciences

The MT Department of Earth, Atmospheric, and Planetary Sciences (EAPS) seeks applicants for a tenure-track faculty position in climate within its Program in Atmospheres, Oceans, and Climate. Areas of specific interest include theory, models and observations of present and past climates, the cryosphere, and biogeochemical cycles. Candidates will be expected to develop a strongly collaborative approach consistent with the department’s strengths in interdisciplinary work. Applicants will be given a junior faculty level. Requirements: The successful candidate will have a Ph.D. or near completion of degree, or completion of Ph.D. by start date of employment. Candidates will also have a strong record of accomplishment in their discipline, a strong commitment to teaching and student advising, and a keen interest in relating their work to complementary work in the climate sciences at MIT. Joint appointments with other MIT departments are also potentially negotiable where appropriate.

More information about this position can be obtained by writing: Prof. Raffaele Ferrari, MIT Room 54-1420, Cambridge, MA 02139. E-mail: raffaele@mit.edu. A completed application will include curriculum vitae, a statement of research and teaching objectives, and the names of five potential references.

American University of Beirut Faculty Career Center Academic Jobs Online (website: https://academicjobsonline.org/ajo) to receive full consideration, a completed application must be received.

Search contact: Mr. Michael Richard, Human Resources Administrator, EAPS, 54-926 Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139-4307. E-mail: mj@mit.edu; telephone: 617-253-5184; fax: 617-253-8298.

MIT is an Equal Opportunity/Affirmative Action Employer.

Applications from women, minorities, veterans, older workers, and individuals with disabilities are strongly encouraged.
2010 Novartis Immunology Prizes

The 2010 Novartis Prizes, one for Basic Immunology and one for Clinical Immunology are awarded for outstanding achievements in the understanding of immunology and major immunological discoveries that lead to therapeutic applications in such fields as transplantation, haematopoiesis, cancer immunology, immunity to infectious diseases, rheumatology, dermatology and asthma. For more information, please visit www.novartisimmunologyprizes.org

The next Novartis Immunology Prizes will be awarded at the XIVth International Congress of Immunology in Kobe, Japan on 23 August 2010 in a special Award Ceremony during Monday afternoon.

Each prize is worth SFr 100 000

Nominations in English should comprise a summary of the research work up to 2 pages, a curriculum vitae, a bibliography and reprints of not more than 3 key published papers in English or with extended summaries in English.

The deadline for entries is 24 January 2010.

They should be sent, including an electronic version of the summary, to:
Dr Erik Wiskott, Novartis Prizes for Immunology, P.O. Box 360, CH 4013, Basel, Switzerland. Tel/Fax: +41 61 421 9019 E-mail: erik.wiskott@novartis.com

Judges: Andrew McMichael (Chair), Tadamitsu Kishimoto, Bernard Malissen, Philippa Marrack, Hidde Ploegh, David H. Sachs, Jan de Vries.
**POSTDOCTORAL POSITION**

Translational Immunology
Yale University School of Medicine

Postdoctoral position to study the molecular biology of the innate immune response is available at the Yale School of Medicine. Candidates should have a Ph.D. degree and must have published experience in molecular biology or immunology. The research will be under the supervision of Richard Bucala, M.D.-Ph.D., in the Departments of Internal Medicine and Pathology. Please electronically submit your curriculum vitae, a copy of your publication list with at least three references, and the names of two references to: richard.bucala@yale.edu. Yale is an Affirmative Action/Equal Opportunity Employer.

**ASSISTANT PROFESSOR**

Department of Biology/Neurosciences Program
The University of Scranton

The Biology Department and the interdisciplinary Neuroscience Program of The University of Scranton are seeking applications for a tenure-track position at the level of Assistant Professor, to begin in August 2010. We are especially interested in applicants with specialization in one or more of the following areas: neuroimmunology; neuroendocrinology; neuropharmacology; neurogenetics; or neurodevelopmental neuroscience. Applicants should be able to contribute to the Neuroscience Research Methods Laboratory and to the Biology Department’s core courses, and should be prepared to develop upper level courses in their specialty. A research program that involves mentorship of undergraduates is expected. The Biology and Neuroscience Program requires Ph.D. degree and must have published research in peer-reviewed journals. Applicants should have expertise in one or more of the following areas: neuron signaling, synaptic plasticity, neurotechnologies, or evolutionary approaches to neurosciences. The Biology Department and the Neuroscience Program of The University of Scranton will be housed in a new state-of-the-art unified science center as of fall 2011. Visit websites: http://academic.scranton.edu/department/biology/ and http://academic.scranton.edu/department/neuro/ for more information about the Biology Department and the Neuroscience Program. Ph.D. required by start date; postdoctoral experience preferred. Applications, including a cover letter, curriculum vitae, statements of teaching and research interests, and names of references to: Dr. Michael J. Gold, Chair, Search Committee, Department of Biology, The University of Scranton, Scranton, PA 18510-4625. Email: mgold@scranton.edu. Review of applications will begin immediately and continue until position is filled. E-mail: mgold@scranton.edu. Website: http://www.scranton.edu/mission/. The University of Scranton is an Affirmative Action/Equal Opportunity Employer.

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**MRR**

The Mind Research Network seeks an independent research organization to appoint as a tenure-track faculty position at the Assistant, Associate, or Full Professor level. Rank will be commensurate with experience. Applicants must have an M.D. and/or Ph.D. degree and have scientific interests and vision in research, including but not limited to, eye development, genetics, diseases, stem cells, and gene therapy. Emphasis will be placed on the applicants' proven track record of high-quality research and publications and on the promise of their future research plans.

Successful applicants will be expected to establish vigorous, independent research programs, form productive collaborations, and if appropriate, pursue translation of their research. The ideal applicants will be prepared to mentor graduate students and postdoctoral fellows, and to interact with the Neuroscience Program. Ph.D. required by start date; postdoctoral experience preferred. Applications should submit a letter of application, curriculum vitae, reprints, along with statements of research and teaching interests and should have three letters of recommendation sent to: Dr. Kent Hutchison, e-mail: khutchison@mrr.org. The committee will begin reviewing applications as they are received on a rolling basis. Equal Opportunity Employer, Minorities/Females/Persons with Disabilities/Veterans.

**ASSISTANT PROFESSOR**

Department of Biology/Neurosciences Program
The University of Scranton

The Biology Department and the interdisciplinary Neuroscience Program of The University of Scranton are seeking applications for a tenure-track position at the level of Assistant Professor to begin in August 2010. The successful candidate will have a Ph.D. or equivalent research degree in one of the biological sciences, administrative and teaching experience, and a record of distinguished scholarly achievement and funded research appropriate for a tenure-earning position.

Please electronically submit a letter of application, curriculum vitae, statements of research plans, teaching philosophy and leadership philosophy, and names and e-mail addresses of at least three references to Dr. Sheldon Davis, e-mail: sddavis@uttyler.edu. Applications will be reviewed immediately and continue until the position is filled. Women and minorities are strongly encouraged to apply. Applicants must be prepared to teach with the University of Texas/Permian Basin as of fall 2011. Visit websites: http://www.utmca.edu/biology/ and http://www.uttyler.edu/biology/

**POSITIONS OPEN**

**TENURED/TENURE-TRACK FACULTY POSITION**

at The University of Rochester Eye Institute

The University of Rochester Eye Institute seeks an exceptional scientist to fill a tenured and/or tenure-track faculty position at the Assistant, Associate, or Full Professor level. Rank will be commensurate with experience. Applicants must have an M.D. and/or Ph.D. degree and have scientific interests and vision in research, including but not limited to, eye development, genetics, diseases, stem cells, and gene therapy. Emphasis will be placed on the applicants' proven track record of high-quality research and publications and on the promise of their future research plans.

Successful applicants will be expected to establish vigorous, independent research programs, form productive collaborations, and if appropriate, pursue translation of their research. The ideal applicants will be prepared to mentor graduate students and postdoctoral fellows, and to interact with the Neuroscience Program. Ph.D. required by start date; postdoctoral experience preferred. Applications should submit a letter of application, curriculum vitae, reprints, along with statements of research and teaching interests and should have three letters of recommendation sent to: Dr. Kent Hutchison, e-mail: khutchison@mrr.org. The committee will begin reviewing applications as they are received on a rolling basis. Equal Opportunity Employer, Minorities/Females/Persons with Disabilities/Veterans.

**PHYSIOLOGIST**

Applications are invited for a tenure-track ASSISTANT PROFESSOR position to begin August 2010. Teaching responsibilities will include undergraduate courses in human and animal physiology and upper division class in area of expertise. Applicants will be expected to establish a funded research program involving M.S. graduate students and undergraduates is expected. Area of research in any branch of physiology will be considered. Postdoctoral experience preferred. Applicants should submit a letter of application, curriculum vitae, reprints, along with statements of research and teaching interests and should have three letters of recommendation sent to: Dr. Frank Paladino, Search Committee Chair, Department of Biology, Indiana-Purdue University Fort Wayne, 2101 Coliseum Boulevard, Fort Wayne, IN 46805-1499. Or electronically to: paladino@ipfw.edu. Website: http://www.ipfw.edu/bio/. Employment is contingent on a satisfactory background check. IPFW is an Affirmative Action/Equal Access Employer fully committed to a diverse workforce.

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