Department of Engineering Physics

The Department of Engineering Physics of Polytechnique Montréal, one of the premier Canadian institutions for undergraduate and graduate education in engineering, is seeking to fill two positions.

Canada Research Chair – Tier II

We are seeking to fill a Canada Research Chair (Tier II) position. The department will consider outstanding candidates in any area of engineering physics. Applications in quantum and non linear optics, biophotonics, microfabrication and Microsystems, and nanotechnology are particularly welcome.

This tenure-track appointment will be at the level of Assistant or Associate professor. Candidates must hold a Ph.D. degree (received within the last 10 years) in Engineering Physics, Physics, or a related field. The successful candidate must be a member of the Ordre des ingénieurs du Québec (OIQ), or take the necessary measures to become a member during his/her first contract. Applicants must demonstrate a successful record of research. The successful candidate will be expected to teach, in French, both undergraduate and graduate courses, to supervise graduate students, and to establish a strong externally funded research program. Canada Research Chairs are subject to review and approval by the CRC Secretariat. Further details on the program can be viewed at www.chairs.gc.ca.

Faculty Position

We are seeking to fill a tenure-track faculty position. Applications in the areas of nuclear reactor engineering (especially thermal-hydraulics), Microsystems and microfabrication, quantum optics and biophotonics are particularly welcome.

Candidates must hold a Ph.D. degree in Engineering Physics, Nuclear Engineering, Physics, or a related field. The successful candidate must be a member of the Ordre des ingénieurs du Québec (OIQ), or take the necessary measures to become a member during his/her first contract. The successful candidate will be expected to teach, in French, both undergraduate and graduate courses, and to supervise graduate students. Applicants must have the ability to establish a strong research program.

The candidates selected will become part of a team of professors who have recognized expertise in condensed matter physics, photonics, and nuclear engineering. Members of the department are also involved in several well-established research networks. See our website for more details: www.polymtl.ca/phys.

To apply

Candidates should submit an application package that consists of a curriculum vitae, a statement of teaching goals and research priorities, records of teaching effectiveness, official records of their diplomas, the names of three teaching references, examples of work relevant to the position and reprints of recent publications. All application material should be sent as soon as possible to:

Patrick Desjardins
Professor and Head
Department of Engineering Physics
École Polytechnique de Montréal
P.O. Box 6079, Station Centre-ville
Montréal, Québec H3C 3A7
Canada

For additional information and to indicate your intention to apply, please contact: postes@phys.polymtl.ca.

Examination of applications will begin on January 21, 2011, and will continue until the positions are filled. All qualified persons are encouraged to apply. However, Canadians and permanent residents will be given priority.
Early Independent Scientists in the NIH Intramural Research Program

The National Institutes of Health, the nation’s premier agency for biomedical and behavioral research, is pleased to announce a new program for Early Independent Scientists in the NIH Intramural Research Program (IRP). We are looking for new Ph.D., M.D., D.D.S. and equivalent doctoral researchers who have the creativity, intellect and maturity to flourish in an independent research position.

The IRP is home to approximately 1,200 tenured and tenure-track investigators and 5,000 trainees. We provide an environment that encourages and supports innovative, high-impact research. To enhance the development and early-stage careers of exceptional investigators, the NIH has developed this new program to support recent doctoral graduates in independent positions without the need to perform a post-doctoral career fellowship. Thus, the graduate can immediately start an independent career after graduation.

Early Independent Scientists will be provided the resources to establish an independent research program, including salary and benefits, support for lab personnel, lab space, supplies, and start-up equipment. At the time of application, candidates must be within 12 months of completing their Ph.D., M.D. or D.D.S. degree, or for clinician-scientists within twelve months of completing their core clinical residency program. The NIH will support up to five Early Independent Scientists per year, with each scientist receiving up to five years of support. Successful candidates also will be eligible to apply for funds from the NIH Common Fund Early Independent Investigator program.

Complete applications must be received by December 20, 2010. Candidates should submit electronically a cover letter, curriculum vitae, and a 3-page statement of research interests and future plans, and arrange to have 3 to 5 letters of reference sent to: Charles Dearolf, Ph.D., Assistant Director for Intramural Research, National Institutes of Health, Email: deearolfc@od.nih.gov

The NIH recognizes a unique and compelling need to promote diversity in the biomedical, behavioral, clinical and social sciences research workforce. The NIH expects its efforts to diversify the workforce to lead to the recruitment of the most talented researchers from all groups. We encourage applications from talented researchers from diverse backgrounds underrepresented in biomedical research, including underrepresented racial and ethnic groups, persons with disabilities, and women for participation in all NIH-funded research opportunities.

Research Fellow
Medical Oncology Branch, NCI
(deadline: December 30)

The National Cancer Institute (NCI) Center for Cancer Research (CCR), Medical Oncology Branch, Office of the Medical Director is seeking bioinformatics candidates for a Research Fellow (FTE and/or contract researcher). The position is located on the campus of the National Institutes of Health (NIH) in Bethesda, Maryland. The person will be responsible for bioinformatics analysis of data generated in the MOB labs. The person’s work will focus on, but not limited to: next-generation sequence analysis, genomics data (CGH, SNP array data etc.), transcriptome data (gene expression profiling, clustering, feature extraction etc.), epigenetics data, proteomics (mass-spec) data, synthetic DNA sequences design, data integration, network analysis and high-level database mining.

The successful candidate must have a Ph.D. degree and at least three (3) years of research experience in bioinformatics. The candidate must have a strong technical background and excellent communication skills. Individuals who are interested in pursuing a career in basic and translational investigation and cancer drug development are encouraged to apply. For further information about the Medical Oncology Branch, the NCI programs, faculty and training, or the NIH, please visit our respective web sites: http://ccr.cancer.gov/clinical-programs/therapeutics/default.aspx, http://ccr.nci.nih.gov, and http://www.nih.gov.

Position Requirements: Candidates must have a Ph.D. degree and be experienced in a broad array of bioinformatics tools and techniques. Salary will be commensurate with experience on this renewable, time-limited federal position. Applications should include: a personal statement of clinical and research experience and interests; a current curriculum vitae and complete bibliography; and the names, addresses and phone numbers of three (3) references. Applications must be postmarked or received by email at coleta@mail.nih.gov by December 30, 2010. Send applications to: Mrs. Tammy Cole, Medical Oncology Branch, C/O of Dr. Giuseppe Giacone, Bldg. 10, Room 12N-226, 10 Center Drive, Bethesda, MD, 20892-1906.

Health Scientist Administrator (Branch Chief), GS-601-15
Division of Aging Biology

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is seeking an individual to help plan and direct the Institute’s research programs in the field of genetics and cell biology and provide independent leadership in research of national and international significance. The selectee will join a team of professionals responsible for advancing basic and translational research, research training, and information programs supporting research that addresses the biological underpinnings of health issues and needs of the elderly.

Candidates should have a PhD or an equivalent doctoral degree, training in a relevant biomedical research field, at least two years of direct experience in the independent planning, design, administration and performance of research projects, experience in scientific grant application writing or review; and demonstrated skills in administration and communication.

Salary is commensurate with professional experience and qualifications, and it includes a full Federal benefits package (i.e., retirement, health, life and long-term care insurance, Thrift Savings Plan participation, etc.).

To apply and review qualifications, evaluation criteria, application instructions, salary and benefits information, please visit http://www.nia.nih.gov/AboutNIA/Jobs.htm. For additional information on application procedures and announcement posting dates, please contact Erika Meares at 301 594-2316. National Institute on Aging, http://www.nia.nih.gov/
Position Summary: Central Michigan University invites applications for three tenure-track positions in the newly-created CMU Institute for Great Lakes Research (CMU-IGLR). Appointments will be considered at the rank of Assistant, Associate or full Professor depending on prior experience. Applicants should have established research programs on some aspect of Great Lakes research or possess expertise that will allow them to develop such a program. Those with expertise in areas including, but not limited to: toxicology, hydrology, GIS and remote sensing, environmental analysis and modeling, climate change, biogeochemistry, aquatic chemistry, or aquatic biology are especially encouraged to apply. Applicants should be qualified to hold a tenure track position in a department within the College of Science and Technology (Biology, Chemistry, Computer Science, Geography, Geology and Meteorology, Mathematics, Physics, and the School of Engineering and Technology). Successful candidates will be expected to develop and maintain a rigorous externally-funded research program involving undergraduate and graduate students and post-doctoral researchers and to participate in the activities of IGLR, including involvement in, and where appropriate, leading multidisciplinary research projects and proposals. Additional responsibilities include teaching one course per semester and university and departmental service.

Required Qualifications: Ph.D.; prior success in obtaining, or the demonstrated potential to obtain, external funding; demonstrated effective communication skills; a commitment to excellence in undergraduate teaching and graduate education.

Preferred Qualifications: Preference will be given to candidates with expertise that complements that of existing CMU faculty working on the Great Lakes, to individuals who will strengthen the research programs at the Central Michigan University Biological Station on Beaver Island, and to those with post-doctoral experience.

Applications: Applications should include a CV, cover letter, statement of research interests and the names and contact information for 3 referees and must be submitted electronically through www.jobs.cmich.edu. Requests for further information may be addressed to the Director of CMU-IGLR, Dr. Donald Uzarski (uzars1dg@cmich.edu).

About the Department: CMU's Institute for Great Lakes Research occupies spacious and modern laboratories in the Center for Applied Research and Technology (CART). Available resources include field and laboratory equipment, technicians, and graduate assistantships. CMU-IGLR faculty are currently conducting international Great Lakes research in collaboration with universities and government agencies across the basin on projects ranging from Great Lakes coastal wetland chemistry and ecology to hydrology. IGLR faculty also utilize research facilities at the CMU Biological Station http://cmich.edu/beaverisland located on Beaver Island, Lake Michigan, approximately 30 miles northwest of Charlevoix, Michigan. Classified by the Carnegie Foundation as a doctoral research university, CMU is recognized for strong undergraduate education and a range of focused graduate and research programs. CMU is a student-focused university with opportunities for leadership, internships, and off-campus volunteer programs.

Great Lakes Research
(Tenure-Track, Open Rank)

CMU, an AA/EO institution, strongly and actively strives to increase diversity within its community (see www.cmich.edu/aaeo).

FIU is a multi-campus public research university located in Miami, a vibrant, international city. FIU offers more than 180 baccalaureate, masters, professional, and doctoral degree programs to over 42,000 students. As one of South Florida’s anchor institutions, FIU is worlds ahead in its local and global engagement and is committed to finding solutions to the most challenging problems of our times.

Florida's newly accredited College of Medicine at Florida International University (FIU) is seeking candidates with PhD, MD/MD/PhD degrees for tenure track/tenured Assistant/Associate or Full Professorial position in the Immunology Department. Selected candidate will also have a joint appointment with the Institute for Neuro-Immune Pharmacology, and is expected to work closely with Center Directors. Applicants must bring or show evidence of mobility and have significant external funding for their independent research. Candidates with significant expertise in Molecular Immunology, Neuro-Immune Pharmacology, Nanotechnology and Drug Targeting in Drugs Abuse Research areas and HIV infections is preferred.

For more information or to apply, please visit us on-line at http://www.fiujobs.org and reference position number 42296/42295. Qualified applicants must submit a letter of interest accompanying their curriculum vitae with names and addresses of three professional references.

Assistant/Associate/Professor in Immunology

FIU is a member of the State University System of Florida and is an Equal Opportunity, Equal Access Affirmative Action Employer.

Director of Regional Biocontainment Laboratory

The University of Tennessee Health Science Center (UTHSC) is seeking applications and nominations for Director of the UTHSC Regional Biocontainment Laboratory (RBL). The UTHSC RBL is a new, fully equipped, select agent approved, state-of-the-art 30,000 square foot facility designed for work requiring BSL-3 and ABSL-3 (animal biosafety level 3) containment. The successful candidate will be an established scientist with extramural funding, a robust publication record, and a strong reputation in research involving microbial pathogenesis, and infectious diseases with an emphasis on biosafety level 3 (BSL-3) policies and practices. Administrative experience is desired as the Director will be charged with continuing the growth and development of research at the UTHSC RBL. The Director will report to the Vice-Chancellor for Research and also hold a tenure track position in a department consistent with their expertise.

Interested candidates should submit curriculum vitae, statement of research interests and the names of three references to:

Gerald I. Byrne, Ph.D.
Chair, Department of Microbiology,
Immunology and Biochemistry
UTHSC College of Medicine
PO Box 63647, Memphis, TN 38163
Or:
e-mail rdonald@uthsc.edu

Review of applications will begin immediately and continue until the position is filled.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504 ADA/DEA institution in the provision of its education and employment programs and services.
MARINE POPULATION DYNAMICS
FACULTY POSITION
SCRIPPS INSTITUTION OF OCEANOGRAPHY
UNIVERSITY OF CALIFORNIA, SAN DIEGO

Scripps Institution of Oceanography (SIO) at the University of California in San Diego (http://scripps.ucsd.edu) is committed to academic excellence and diversity within the faculty, staff, and student body. We invite faculty applications to fill the marine population dynamics faculty position listed below. In addition to having demonstrated the highest standards of scholarship and professional activity, the preferred candidates will have experience in the arena of equity and diversity such as leadership in teaching, mentoring, research or service towards building a more equitable and diverse scholarly environment. SIO is a world renowned center of marine research with approximately 200 principal investigators leading research programs on all aspects of earth, ocean and atmospheric sciences.

Successful candidates will be expected to teach classes and supervise research at both the graduate and undergraduate level. The position requires a PhD degree and a competitive record of publication, as well as evidence of the ability to conduct and fund an active research program consistent with the opportunity to have done so at this career level. Applicants are encouraged to submit all materials by December 31, 2010. All applications and related materials should be submitted electronically via Academic Personnel Online RECRUIT at: https://apol-recruit.ucsd.edu/. Applicants should send a letter including descriptions of their teaching experience, research interests, past experience and leadership in equity and diversity, a list of publications, immigration descriptions of their teaching experience, research areas of special interest, past experience and leadership in equity and diversity, a list of publications, immigration experiences, and the names, addresses, and telephone numbers of three potential referees, along with their complete institution address, e-mail address, phone and fax numbers.

Applicants should clearly indicate that they are applying for the marine population dynamics position. Questions about submission of applications may be addressed to Leslie Costi at 858-822-1800, (lcosti@ucsd.edu). Salary will depend on the experience of the successful applicant and will be based on the UCSD pay scales.

Marine Population Dynamics (#10-230): We invite applications to fill a faculty position in marine population dynamics for fisheries and protected species. Research areas of special interest include population dynamics and stock assessment, management strategy evaluation, climate effects, and ecosystem and food web modeling. This key appointment builds upon a long record of accomplishment and collaboration between Scripps Institution of Oceanography and NOAA Fisheries Service. The successful candidate is expected to play a major role in training future practitioners in the science of population assessment and development of enhanced assessment methods that incorporate environmental variability, food web linkages and spatial heterogeneity. Preference will be given to scholars at the rank of Assistant Professor, but excellent candidates at other levels and in other specific areas will also be seriously considered.

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.

UNIVERSITY OF MARYLAND

Dean, College of Computer, Mathematical, and Natural Sciences
University of Maryland, College Park

The University of Maryland, College Park invites applications and nominations for the position of Dean of the recently formed College of Computer, Mathematical, and Natural Sciences (www.cmns.umd.edu). A member of the Association of American Universities (AAU) and the flagship of the University System of Maryland, the University is located in the Baltimore-Washington corridor within nine miles of the nation’s capital. The University ranks among the top 20 public universities, with nationally-ranked programs and innovative undergraduate programs.

The search for new knowledge, with its transformative effect on society, is increasingly becoming an interdisciplinary endeavor. For this reason, the University established the College of Computer, Mathematical, and Natural Sciences (CMNS) by integrating the former colleges of Chemical and Life Sciences (CLFS) and Computer, Mathematical, and Physical Sciences (CSPS). This integration will facilitate and encourage the rapid development of collaborations among faculty from across the two former colleges. This newly formed College includes the following Departments: Astronomy, Atmospheric and Oceanic Science, Biology, Cell Biology and Molecular Genetics, Chemistry and Biochemistry, Computer Science, Entomology, Geology, Mathematics, and Physics. CMNS also has a number of prestigious research Institutes and Centers that are highly interdisciplinary.

Nationally recognized for education and research, many programs in CMNS are ranked among the top ten of US public research universities. The College offers every student a high quality, innovative and cross-disciplinary educational experience, and a degree that commands respect around the world.

The Dean reports to the Senior Vice President for Academic Affairs and Provost, and is the chief academic officer and executive officer of the College, which has a full-time tenured/tenure-track faculty of 340 who are internationally respected and highly accomplished scholars. The College also employs more than 400 non-tenure-track research faculty and postdoctoral fellows. The College has over 5,000 undergraduate students and over 1,500 master and doctoral students. In addition, research awards for fiscal 2010 exceeded $200M.

We seek a leader who, in collaboration with the College chairs and directors, will play a major role in fostering continuous improvement in the standards, accomplishments, and international prestige of the faculty and students in the College. This includes strengthening the strong partnerships that exist between the College and nearby federal agencies and laboratories, as well as encouraging engagement with other regional, national, and international organizations. The Dean is expected to provide dynamic leadership toward achieving excellence in research, teaching, and service to the community and profession, in strategic planning, and in fundraising. The Dean must be able to lead a complex organization, and be dedicated to fostering the goals of diversity and affirmative action to enhance the College’s integrative and intellectual mission. The Dean must demonstrate an understanding of contemporary issues in computer, mathematical, and natural sciences research and education, and must possess the ability to anticipate and address future challenges and opportunities. Qualified applicants must merit appointment at the rank of Professor with tenure in a CMNS unit, and have successful administrative experience. Salary will be competitive and commensurate with experience. The appointment date is open, with a start date of July 2011 preferred.

Applicants and nominees should submit a letter of interest; curriculum vitae; and the names, addresses, and telephone numbers of at least four persons who can be contacted by the search committee for reference. Nominations are encouraged and will be received at any time. Confidential review of nominations and applications for this position will begin December 1, 2010, and continue until the position is filled. Please send all materials to:

Search Committee for Dean, College of Computer, Mathematical, and Natural Sciences
Attention: Ms. Sandra Davis
1119 Main Administration Building
University of Maryland
College Park, MD 20742-5031
Tel (301)405-6813 Fax (301)405-8195

Electronic applications should be e-mailed to: sandyd@umd.edu followed by hard copies mailed to the above address.

The University of Maryland, College Park is an Equal Opportunity Employer; women and minority candidates are encouraged to apply.

Science Careers
online@sciencecareers.org
HEMATOLOGY/ONCOLOGY ENDOWED PROFESSOR
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

The UNC-Chapel Hill Division of Hematology/Oncology, the Department of Medicine and the UNC Lineberger Comprehensive Cancer Center are recruiting for a senior faculty member at the level of Professor with tenure for an endowed and named chair.

The Wellcome Professorship will be awarded to a qualified physician or PhD researcher whose program is based in the laboratory and/or clinic with a focus on an improved understanding of the pathophysiology, molecular mechanisms, etiology, or treatment of hematologic malignancies. Candidates are expected to have an established basic, translational or clinical research program with a track record of peer reviewed funding and publications.

Clinical activity will be performed in the new 290,000 sq ft North Carolina Cancer Hospital which houses the inpatient units and outpatient clinics for the Division of Hematology/Oncology. Additionally, candidates will be eligible for membership in the UNC Lineberger Comprehensive Cancer Center, one of forty NCI Comprehensive Cancer Centers. UNC is home to exceptional physicians and scientists whose work has fueled significant growth in basic, translational and clinical research.

Candidates with an MD degree must have completed a fellowship in Hematology or Medical Oncology, and be BC/BE in Internal Medicine and Hematology or Oncology. Interested individuals should apply online at http://jobs.unc.edu/2500490 and attach a letter of interest and current CV. (For questions or additional information regarding the position you can contact: Dr. Jonathan Serody, MD, Chair, Search Committee, Division of Hematology/Oncology, Department of Medicine, University of North Carolina at Chapel Hill, CB# 7305, Chapel Hill, NC 27599-7305.)

UNC-Ch is an Equal Opportunity Employer.

American University
College of Arts and Sciences
Department of Biology
Endocrinology

The Department of Biology at American University invites applications for a tenure position at the advanced Associate or Full Professor level, to begin fall 2011. A PhD in Endocrinology or a closely related field; an established record of research including evidence of significant external funding and a strong publication record; and substantial teaching experience are required. Responsibilities will include maintaining a strong externally funded research program, recruiting new faculty, mentoring junior faculty and graduate students, teaching undergraduate and graduate courses, including advanced courses in endocrinology, and providing university service. The primary appointment will be in the Department of Biology, with possible joint appointment in the Department of Psychology depending on experience and research interests. Applicants should submit a letter of application, curriculum vitae, an overview of their research program, and the names of at least 3 references to: Dr. Victoria Connaughton, Endocrinology Search Committee Chair, Department of Biology, American University, 4400 Massachusetts Ave, NW, Washington, DC 20016. To submit electronically (preferred), send applications to biology@american.edu. Review of applicants will begin on November 15, 2010, and continue until the position is filled.

American University is an Affirmative Action Equal Opportunity Employer, committed to a diverse faculty, staff and student body. Women and minority candidates are strongly encouraged to apply.

FACULTY POSITION
in Computational Neuroscience
RIKEN Brain Science Institute

The Brain Science Institute (BSI) of RIKEN in Wako, Japan, invites applications from candidates for a tenure-track Team Leader position (equivalent to a U.S. Assistant or Associate Professor) in Computational Neuroscience.

Candidates must have earned a Doctorate in a related field and demonstrated research expertise in any of the broad areas related to computational neuroscience, such as mathematical neuroscience, models for neural information processing, mathematical analysis of neural data, simulation of large-scale neural systems, and brain-inspired technology for real-world applicants. The candidate will be expected to conduct an independent research program.

A generous annual research fund and startup package will be provided, in addition to an apartment/condo rental allowance and other employee benefits.

The Search Committee will begin reviewing applications immediately. The search will continue until the position is filled. Interested applicants should submit a curriculum vitae, a summary of current and proposed research, and arrange for three letters of recommendation, all to be sent to:

Search Committee 2, RIKEN Brain Science Institute
2-1 Hirosawa, Wako, Saitama 351-0198, Japan
Fax: +81-48-467-9683; Email: search20102@brain.riken.jp
http://www.brain.riken.jp

RIKEN-BSI is an Equal Employment Opportunity Employer. Women are strongly encouraged to apply.

Faculty Positions in Bioengineering

Temple University’s College of Engineering is forming a new department of Bioengineering and searching for outstanding individuals to occupy faculty positions in the department and college. Department growth will be accommodated in state-of-the-art facilities located in the new research tower immediately adjacent to the present Engineering building. This development is coupled with aggressive hiring in all departments in the College.

Although candidates in all traditional Bioengineering areas are welcome to apply, we are particularly interested in leveraging existing strengths in Engineering, Medicine, and the Basic Sciences. Accordingly, individuals with backgrounds in Cardiovascular research, Regenerative Medicine, Targeted Drug Delivery, and Biomaterials are particularly encouraged to apply.

Faculty is being sought at all academic ranks. Senior candidates should have a record of externally funded research, and junior faculty candidates should have significant postdoctoral experience with evidence of independent contributions.

Interested persons should submit an up-to-date copy of their CV, a statement of research goals and teaching philosophy, and the names and contact information for three references to:

George Baran, Ph.D.
Associate Dean
College of Engineering, Temple University
GRBaran@Temple.edu

Temple University is an Equal Opportunity/Affirmative Action Employer. Applications from women and minorities are especially encouraged.
Assistant Professor

Department of Biological Sciences

The University of Alabama is among the top academic research institutions in the southeastern United States, and the Department of Biological Sciences is committed to maintaining this tradition of excellence. We currently seek applicants for tenure-track faculty positions at the rank of Assistant Professor in (1) Computational Biology, and (2) Landscape/Spatial Ecology.

Computational Biology

All areas of computational biology and bioinformatics will be considered. Applications from candidates with a demonstrated record of developing and/or applying computational approaches to study biological questions in areas including (prokaryotic and eukaryotic) genomics, evolutionary genomics, genetics, cell and molecular biology, and systems biology and a demonstrated interest in collaborative research are especially encouraged to apply. Candidates must have a Ph.D. in the biological sciences or quantitative discipline and postdoctoral experience. The successful applicant will be expected to participate in undergraduate and graduate education and training, and establish an active, externally funded research program. Applicants may contact the chair of the computational biology search committee, Dr. Julie Olson at jolson@bama.ua.edu or 205-348-2633, if additional information is required.

Landscape/Spatial Ecology

All areas of landscape and spatial ecology will be considered. Applications from candidates who use quantitative techniques, and/or modeling to study the relationship between spatial heterogeneity and ecological patterns, and with interests in aquatic ecology (freshwater, marine), biodiversity, microbial ecology, ecosystem studies, evolution, or linkages between terrestrial and aquatic systems are especially encouraged to apply. Candidates must have a Ph.D. and postdoctoral research experience and are expected to develop an active, externally funded research program and participate in undergraduate and graduate education and training. Applicants may contact the chair of the landscape/spatial ecology search committee, Dr. Robert Findlay at rfindlay@bama.ua.edu or 205-348-4167, if additional information is required.

To apply, go to https://facultyjobs.ua.edu, complete the online application (Job # 0804423 COMPBIO) or (Job # 0804424 LANDSCAPE), and upload (1) an application letter with a list of at least four references (including contact information); (2) CV; (3) statement of research interests and goals; and (4) statement of teaching interests and philosophy.

Consideration of applications will begin December 15, 2010, and continues until the position is filled. Prior to the hiring, the final candidate(s) may be required to successfully pass a pre-employment background investigation.

Additional information on the Biological Sciences Department and the available positions can be found on our webpage at http://bsc.ua.edu

The University of Alabama is an Equal Opportunity/Equal Access Employer and actively seeks diversity among its employees.

Research Leader Tumor Immunology

Who we are

At Roche, 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we’ve become one of the world’s leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity, and on seeing each other’s differences as an advantage. To innovate healthcare, Roche has ambitious plans to keep learning and growing – and is seeking people who have the same goals for themselves.

The Position

Roche Glycart AG, a 100% affiliate of Roche Pharmaceuticals, is active in the research, development of new engineered antibody-based products for the treatment of cancer and autoimmune disease. We offer a stimulating and truly international environment. Roche Glycart AG is located in Schlieren/Zurich.

Lead Scientific and Drug Discovery Projects focusing on the characterization and optimization of a new generation of engineered, antibody-based molecules for cancer immunotherapy.

• The position is based at the Oncology Discovery and Translational Area at Roche Glycart in Schlieren, Zurich and projects will be conducted in collaboration with additional groups at Roche Glycart, both in the Discovery and in Translational Medicine areas, as well as with additional Roche research and development functions globally and with academic institutions.

Who you are

You’re someone who wants to influence your own development. You’re looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is not considered the final definition of who you are, but the starting point.

• We are seeking candidates with a PhD in immunology and ample postdoctoral research experience in tumor immunology, with a strong tumor immunology scientific background and track record, being an active and recognized member of the international tumor immunology research community and having excellent written and verbal skills in English

• The candidate should have experience with animal work (mice) and be proficient with state-of-the art immunoprofiling techniques to characterize tumor infiltrating lymphocytes and anti-tumoral immune responses

• You have a high degree of self-motivation, flexibility and are able to independently conduct experiments. You are also inquisitive and strive for continuous process improvement. In addition you interact effectively with a truly multinational team of scientists.

Job ID No.: 387740
Contact HR: W. Kinzy, Phone: +41 61 687 94 03

The next step is yours. To apply online for this position visit www.careers.roche.ch

“Make your mark.
Improve lives.”
Two Tenure Track Faculty Positions in Sustainable Agriculture and Ecosystem Science

The University of New Hampshire seeks to expand on its cluster of five recent hires in the areas of Sustainable Agriculture and Sustainable Ecosystem Science and management, by filling two new positions at the Assistant Professor level. Detailed descriptions of these two positions are provided at [http://www.colsa.unh.edu/employment/](http://www.colsa.unh.edu/employment/).

- **Landscape Ecology** - Understanding how spatial patterns interact with ecological processes is a central component of ecology and is critical for developing sustainable land use strategies. The successful candidate will have expertise in quantitative spatial analyses, possibly including the use of remote sensing, GIS, and/or spatial statistics to address ecological problems and processes.

- **Sustainability Improvement** - The future of farming and other agricultural enterprises in the northeastern U.S. is tied to their economic, environmental, and social sustainability. The successful candidate will focus on the breeding of specialty crops (fruits, vegetables, or ornamental crops) adapted to sustainable production practices aimed at increasing the viability of small farms.

Applicants must have a Ph.D. in a relevant field. Preference will be given to those candidates displaying an interest and ability in working across traditional disciplinary/departmental boundaries. These new faculty are expected to establish vibrant, collaborative research programs, and to enhance the university’s prominence in interdisciplinary research, teaching, and outreach. Our new faculty colleagues will be expected to train graduate students, to offer outstanding courses at the undergraduate and graduate levels, and to demonstrate a commitment to diversity and inclusivity in research and education. These positions will be located within the College of Life Sciences and Agriculture (COLSA) and successful candidates will be matched with the department that best suits their interests and expertise. UNH is a Research-I, Land, Sea and Space Grant University that has been recognized both nationally and internationally for research excellence and a commitment to sustainability and public engagement.

**Application Process** Information, including detailed position descriptions, is available at [http://www.colsa.unh.edu/employment/](http://www.colsa.unh.edu/employment/). All applicants will be required to apply online at [https://jobs.unsh.edu](https://jobs.unsh.edu). Review of applications will begin on December 15, 2010, and will continue until the positions are filled.

The University actively seeks excellence through diversity among its administrators, faculty, staff and students and prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged.

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**The University of Luxembourg**

is a multilingual, international research university

The University of Luxembourg invites applications for the following vacancy in its Faculty of Science, Technology and Communication:

**Professor or Associate Professor in Computational Biology (m/f)**

focus on stochastics, probabilistics and biostatistics

Ref.: F1-100038  ▪  Employee status, full-time  ▪  Start date: 01/09/2011

Further information can be found on “More jobs” under

[www.uni.lu](http://www.uni.lu)

The University of Luxembourg is an equal opportunity employer.

Applications with clear reference to the position should be sent in printed form until March 30th, 2011 to the following address:

University of Luxembourg  ▪  Professor Paul Heuschling  
Dean of the Faculty of Science, Technology and Communication  
6, rue Coudenhove Kalergi ▪ L-1359 Luxembourg

Applications will be handled in strict confidence.

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**DePaul University**

**Assistant Professors of Biology**

Two tenure-track openings at the Assistant Professor level are available in the Department of Biological Sciences at DePaul University. The Department is housed in spacious and well-equipped teaching, research and support facilities, including a confocal microscope and a 2,000 sq. ft. state-of-the-art staffed animal care facility. Visit [http://las.depaul.edu/bio/](http://las.depaul.edu/bio/) for more departmental information. Review of applications will begin [December 15, 2010](https://www.depaul.edu/), and will continue until position is filled. Applicants should apply online with a cover letter, curriculum vitae, statement of research interests (2 page maximum), statement of teaching interests with evidence of teaching effectiveness (2 page maximum), and general list of equipment and supply needs with cost estimates. We also request three letters of reference (please supply the online system with the e-mail addresses of these three individuals).

**Assistant Professor**

**Neurobiology**

A tenure-track opening for a neurobiologist is available in the Department of Biological Sciences at DePaul University starting September 2011. Successful candidate will be broadly trained in neurobiology with a strong commitment to undergraduate education. We especially encourage applications from neuroanatomists, neurophysiologists, and neurobiologists using cell/molecular approaches to study neuroscience. Ph.D. required; postdoctoral and previous teaching experience preferred. Teaching responsibilities to include some combination of: introductory biology for non-majors; co-teaching one quarter of introductory biology for majors; anatomy; core courses for our neurobiology concentration; and graduate/advanced undergraduate course in candidate’s area of expertise. Startup funds are provided. E-mail Dr. Talitha Rajah at trajah@depaul.edu for additional inquiries. To apply, please submit application online at: [facultyopportunities.depaul.edu/applicants/Central?quickFind=50729](http://facultyopportunities.depaul.edu/applicants/Central?quickFind=50729)

**Assistant Professor**

**Ecology**

A tenure-track opening for an ecologist is available in the Department of Biological Sciences at DePaul University starting September 2011. The successful candidate will be broadly trained in ecology with a strong commitment to undergraduate education. We encourage applications from candidates in all areas of ecology, using any plant or other organismal system, and any modern approach including population biology or cell/molecular analysis. Ph.D. required; postdoctoral and previous teaching experience preferred. Teaching responsibilities to include some combination of: introductory biology for non-majors; introductory biology for majors; Sophomore level ecology; and graduate/advanced undergraduate course in candidate’s area of expertise. Startup funds are provided. E-mail Dr. Stanley Cohn at sclonh@depaul.edu for additional inquiries. To apply, please submit application online at: [facultyopportunities.depaul.edu/applicants/Central?quickFind=50730](http://facultyopportunities.depaul.edu/applicants/Central?quickFind=50730)

As an Equal Employment Opportunity (EEO) Employer, DePaul University provides job opportunities to qualified individuals without regard to race, color, ethnicity, religion, sex, sexual orientation, national origin, age, marital status, physical or mental disability, parental status, housing status, source of income or military status, in accordance with applicable federal, state and local EEO laws.
Faculty Position in Autonomous Robotics
at the École polytechnique fédérale de Lausanne (EPFL)

The School of Engineering at EPFL invites applications for the position of tenure-track assistant professor in the area of Autonomous Robotics for the newly launched Swiss National Center of Competence in Research (NCCR) for Robotics. This is a broad search in all areas of autonomous robotics, with relevant fields including materials and components (e.g. soft bodies, artificial muscles, intelligent material), manipulation (dexterous and compliant manipulation, grasping, interaction with humans), field robotics (outdoor robots, intelligent vehicles, system design and integration, energy harvesting) and medical microrobotics (inner body monitoring, drug delivery, surgery).

As a faculty member of the School of Engineering, the successful candidate will be expected to initiate independent, creative research programs and participate in undergraduate and graduate teaching. Internationally competitive salaries, start-up resources and benefits are offered.

EPFL has a long-standing tradition in robotics, with special emphasis on the science and engineering of autonomous, intelligent, and bio-mimetic systems. EPFL has been selected by the Swiss Federal Government to house the NCCR for Robotics, a multi-year center of excellence federating and promoting robotics research in Switzerland. A new building on campus with laboratory space, prototyping and educational facilities for all robotics researchers will be completed in 2013.

The EPFL, located in Lausanne, Switzerland, is a dynamically growing and well-funded institution fostering excellence and diversity. It has a highly international campus at an exceptionally attractive location boasting first-class infrastructure. As a technical university covering computer and communication sciences, engineering, environment, basic and life sciences, management of technology and financial engineering, EPFL offers a fertile environment for research cooperation between different disciplines. The EPFL environment is multi-lingual and multi-cultural, with English often serving as a common interface.

Applications should include a curriculum vitae with a list of publications, a concise statement of research and teaching interests, and the names of at least five referees. Applications should be uploaded in PDF format to the recruitment web site: robotics-search10.epfl.ch

Evaluation of candidates will begin on 15 January 2011, and will continue until the position is filled.

Further questions can be addressed to: Prof. Auke Ijspeert, Search Chairman e-mail: hiring.robotics@epfl.ch

For additional information on EPFL, please consult the web sites www.epfl.ch, sti.epfl.ch and www.nccr-robotics.ch.

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

Faculty Position
Assistant Professor
at the
National University of Singapore
Department of Anatomy

The National University of Singapore (NUS) invites applications for a full-time tenure-track position in the Department of Anatomy. The Department is currently engaged in the following research programs: (a) Neuroscience, (b) Cancer Biology and (c) Toxinology. Candidates should hold a Ph.D. degree, with post-doctoral research experience preferably in Developmental Biology or Neuroscience. Research interest and experience with special focus on translational aspects of the above two fields would be advantageous.

Candidates are expected to have competent knowledge of Human Anatomy and Histology / Embryology. The successful appointee must be able to compete for independent research funding and is required to participate in undergraduate level teaching of medical and life science students.

Remuneration will commensurate with qualifications and experience.

Interested candidates should send their resume, research plan and names of six referees to: Professor BAY Boon-Huat, Head, Department of Anatomy, Yong Loo Lin School of Medicine, Block MD10, 4 Medical Drive, Singapore 117597 Email: antteov@nus.edu.sg Fax: (65) 67787643 Website: http://www.med.nus.edu.sg/ant/

Department of Anatomy
NUS Yong Loo Lin School of Medicine
A member of the National University Health System

Duke University
Cluster Hire at the Intersection
Between Ecology and Hydrology

The Nicholas School of the Environment (NSOE) at Duke University is continuing a search to develop a cross-disciplinary area of excellence at the intersection between ecology and hydrology, two disciplines of longstanding strength at Duke. NSOE anticipates hiring a cluster of tenure-track professors in the coming year.

Given the School’s current expertise in earth system processes at subcontinental to global scales and in terrestrial and aquatic systems at regional and local scales, individuals able to integrate across global patterns of variability in climate and the water cycle and the smaller-scale dynamics of terrestrial, freshwater, wetlands, or coastal ecosystems are encouraged to apply.

The successful candidate(s) will contribute to the Nicholas School’s curriculum at the undergraduate, professional Master’s and Doctoral level. Further, we seek scholars with interest in collaborating with other units on campus.

Consideration of applications will begin January 1, 2011, and will continue until all positions are filled. Applications should include a full CV, statement of research and teaching goals, and names of three references. In addition, we ask that applicants provide a one-page vision statement describing how their research is generating new insights at an important confluence of ecology and hydrology. Applications should be sent electronically as a single PDF to Ms. Beatriz Martin at cabrera@duke.edu.

The Nicholas School and Duke University are committed to equal opportunity in employment. Applications are strongly encouraged from members of under-represented populations.
ASSOCIATE DIRECTOR
Center for Vascular Biology Research
Department of Pathology
Beth Israel Deaconess Medical Center
Harvard Medical School

The Department of Pathology at Beth Israel Deaconess Medical Center is seeking a full-time biomedical scientist in the area of vascular biology to serve as Associate Director of the Center for Vascular Biology Research (CVBR). The CVBR is an interdepartmental consortium of over 25 core investigators working in contiguous research space with expertise in pulmonary vascular disease, sepsis, translational medicine, diabetes, structural biology, atherosclerosis, and angiogenesis. We are seeking candidates with leadership and mentoring skills, and strong records of research creativity and productivity in basic or translational research in vascular biology and angiogenesis. The research should involve fundamental mechanisms of vascular cell function in health and disease. It may also involve the use of model organisms or the development of new technologies and strategies for the study of tumor angiogenesis.

The successful candidate will receive a highly competitive startup package and an appointment to the faculty of Harvard Medical School at a rank that is commensurate with his/her qualifications. The Department of Pathology and the CVBR strongly encourage interactions between research and clinical faculty and provide opportunities to access an extraordinary human tissue resource through its Divisions of Anatomic Pathology and Laboratory Medicine. We also provide unparalleled opportunities for collaborative interactions within the basic and applied vascular biology research community at Harvard Medical School and its affiliated teaching hospitals.

Interested applicants should submit curriculum vitae, a statement outlining existing and planned research activities and career goals, and the names of three professional references to:

Dr. Jack Lawler
Director, Division of Experimental Pathology
Beth Israel Deaconess Medical Center
Research North Room 270K
99 Brookline Avenue
Boston, MA 02215

POSTDOCTORAL SCIENTIST
ROCKEFELLER UNIVERSITY
Mass Spectrometry, Proteomics, Nanotechnology

The Laboratory of Mass Spectrometry and Gaseous Ion Chemistry (Professor Brian Chait) and the Laboratory of Cellular and Structural Biology (Professor Michael Rout) are looking for a postdoctoral scientist. The joint project continues recent work on the nuclear pore complex and its biotechnological use (Nature 457:1023, 2009). This involves a broad range of methods including mass spectrometry, protein production and purification, super-resolution fluorescence microscopy and nanotechnology.

Position available immediately.

Interested applicants should submit current curriculum vitae and three references to: Beth Anne Hatton, Administrative Assistant, e-mail: hattonb@mail.rockefeller.edu. The Rockefeller University is an Affirmative Action/Equal Opportunity/VEVRAA Employer and solicits applications from women and underrepresented minorities.

FACULTY POSITION IN IMMUNOLOGY
Massachusetts General Hospital
Harvard Medical School

The Center for Immunology and Inflammatory Diseases and the Division of Rheumatology, Allergy, and Immunology at the Massachusetts General Hospital (MGH) is seeking an outstanding scientist to develop a comprehensive program in immunology. Applicants whose programs address any area of basic experimental immunology or translational human immunology are encouraged to apply. Areas of particular interest include autoimmunity, B cell biology, tolerance, and immune mechanisms of immune-mediated diseases. Applicants may have a M.D., Ph.D., or M.D.-Ph.D. degree. Academic appointment at the ASSISTANT or ASSOCIATE PROFESSOR level will be at Harvard Medical School and a generous startup package will be provided. Applicants should submit curriculum vitae, research plan, and the names of three references to: Dr. Andrew Luster c/o e-mail: clisearch@mgh.harvard.edu. Women and minority applicants are particularly encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR
Biography
Georgetown University

The Department of Biology, Georgetown University, invites applications for a tenure-track position at the assistant professor level commencing in January 2012. We seek applicants whose research efforts are in an area of global health, with a focus on infectious disease. This work is expected to complement ongoing research and teaching efforts in global health at Georgetown University, including a new Center for Global Health, a Center for Infectious Disease, a graduate program in Global Infectious Disease, and an undergraduate major in the Biology of Global Health. The successful candidate will be expected to teach one course per semester, mentor undergraduates, graduate students, and postdoctoral fellows, and maintain an active, extramurally funded research program. Department information can be found at: website: http://biology.georgetown.edu/. Candidates should submit a letter of application, curriculum vitae, a detailed description of previous research accomplishments and future research plans, a statement of teaching philosophy, and the names and contact information for three or more references. Application materials should be submitted electronically in PDF format (preferred) to e-mail: biology@georgetown.edu with “IGH Application” as subject. Application materials must be received by January 14, 2011. Georgetown University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF COLORADO—website: http://nse.colorado.edu. The interdisciplinary Materials Science and Engineering program at the University of Colorado seeks to hire exceptional candidates as ASSISTANT PROFESSORS, with higher levels also considered. This program offers tenure-track appointments in science and engineering departments across the campus to candidates with interests in materials research. Candidates with interests in all materials research areas will be considered. Applicants should go to website: http://www.jobsatcu.com (posting #811675) for information on filing their applications. Review of applications will begin in December 2010. The University of Colorado is committed to diversity and equality in education and employment. The University of Colorado at Boulder conducts background checks for all final applicants.

WEST VIRGINIA UNIVERSITY—website: http://researchoffice.wvu.edu/centers/centers_listing. Postdoctoral experience, excellent written and oral communication/teaching skills, and the potential to secure extramural funding are required. Preference will be given to candidates with a record of scholarly publications, and the expertise to teach biochemistry courses at the undergraduate and graduate levels. Qualified applicants should prepare a research and teaching statements, curriculum vitae, and arrange for three letters of reference to be sent to: e-mail: wvubio@wvu.edu. Review of applications will commence on December 6 and continue until all positions are filled. Women and minority candidates are encouraged to apply. West Virginia University is an Equal Opportunity/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, sex, age, marital status, disability, veteran status, national origin, or sexual orientation.

MICROBIOLOGIST
XEU5 in Boston, Massachusetts seeks a Microbiologist. Position requires an exceptional understanding of microbial fermentation, along with a solid working knowledge of common organisms utilized in the biofuels area.

Applicant will team with Bio-Processing Engineers in the scaling and commercialization our cellulosic biofuels technology. The candidate preferably has a Ph. D. in Microbiology or the equivalent. The ideal candidate should have a minimum of five years of relevant industrial experience. Send curriculum vitae to e-mail: microbiologist@xeus.info.

FACULTY POSITIONS IN ZOOLOGY
Assistant Professor of Zoology

The Department of Zoology at the University of Hawaii (website: http://www.hawaii.edu/zooology) is hiring two tenure-track faculty at the rank of assistant professor in the fields of evolutionary biology and genetics. These new colleagues will join the department in a newly renovated research building during a major phase of growth aimed at building strength in evolutionary biology. We are particularly interested in individuals with expertise in phylogenetics or population/quantitative genetics. The study system is open to any biological kingdom. Of particular interest are colleagues whose research programs will capitalize on Hawaii’s unique evolutionary legacy or position in the Pacific Rim, as well as individuals who can successfully collaborate across research fields. Teaching responsibilities will include an advanced undergraduate course in either evolution or genetics and a graduate course in the individual’s specialty. Applicants must have a Ph.D., a strong publication record and potential for extramural funding. To apply, please send PDF formatted documents that include a curriculum vitae, statement of research interests and plans, teaching statement, two publications, and names and contact information (including e-mail address) of three professional references to: e-mail: zsearch@hawaii.edu. For a complete job announcement, please refer to website: http://workatuh.hawaii.edu. Review of applications will begin on December 1 and continue until positions filled. The University of Hawaii is an Equal Opportunity/Affirmative Action Institution and encourages applications from women and minority candidates.

West Virginia University invites applications for a tenure-track position at the ASSISTANT PROFESSOR level in the Department of Biology beginning August 2011. We are especially interested in enhancing our strengths in the areas of chemical ecology, developmental biology, neurobiology, reproductive physiology/endocrinology, or molecular genetics, but outstanding candidates in any area of biochemistry are encouraged to apply. We seek an individual with a broad biology background and strong biochemistry skills to develop an externally funded, independent research program. The candidate may participate in existing programs in the Department of Biology and in institution-wide multidisciplinary research initiatives (website: http://researchoffice.wvu.edu/centers/centers_listing). Postdoctoral experience, excellent written and oral communication/teaching skills, and the potential to secure extramural funding are required. Preference will be given to candidates with a record of scholarly publications, and the expertise to teach biochemistry courses at the undergraduate and graduate levels. Qualified applicants should prepare a research and teaching statements, curriculum vitae, and arrange for three letters of reference to be sent to: e-mail: wvubio@wvu.edu. Review of applications will commence on December 6 and continue until all candidate files are reviewed. Women and minority candidates are encouraged to apply. West Virginia University is an Equal Opportunity/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, sex, age, marital status, disability, veteran status, national origin, or sexual orientation.
The University of California, Davis, School of Medicine, Department of Pharmacology invites applications for two (2) full-time academic tenure track position(s) at the Assistant/Associate/Full Professor level. [http://www.ucdmuc.ucdavis.edu/pharmacology](http://www.ucdmuc.ucdavis.edu/pharmacology). The Pharmacology Department is housed in the UC Davis Genome Center and Tupper Hall with a new Department Chair, Dr. Donald M. Bers, Ph.D. The Position has strong links to the Cardiovascular Research Program, Center for Neuroscience, Physiology and Membrane Biology, Biomedical Engineering, Genome Center, and UC Davis Health System Cancer Center.

Candidates must possess a Ph.D. and/or M.D. degree and at least two years of productive postdoctoral experience. Individuals selected for the positions will be expected to build or continue a successful, independent, extramurally funded research program and to achieve excellence in the teaching of basic sciences to medical and graduate students. The most important criteria in the consideration of applications are: (1) a record of excellence, creativity, and initiative in research, which establishes a strong potential to build a vigorous and competitive research program; and (2) a demonstrated ability to communicate effectively as a teacher participating in the teaching of medical and graduate students. Research areas should complement others in Pharmacology and campus programs (including but not restricted to cardiovascular and neuroscience). Priority will be given to candidates whose record of innovative research and commitment to teaching pharmacology demonstrate their potential as leaders in their fields.

The Davis campus is the third largest in the University of California system and ranks among the nation’s top 20 universities in research funding. Applicants should send a CV, up to three key reprints, synopsis of research plans, and a summary of teaching experience and should arrange for three to five letters of reference to be sent to: Donald M. Bers, Ph.D., Silva Chair for Cardiovascular Research and Distinguished Professor and Chair, Department of Pharmacology, 3502 GBSF, University of California, Davis, CA 95616 via e-mail to Linda Petty: lapetty@ucdavis.edu. The Search # PH-02R-11. For full consideration, applications should be received by January 31, 2011. However, the position will remain open until filled through June 30, 2011.

The University of California, Davis is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.

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**GLOBAL RICE BREEDING LEADER (Senior Scientist/Principal Scientist)**

We are seeking a dynamic, innovative, and highly respected scientific leader to provide strategic and operational leadership on all aspects of rice varietal improvement research in IRRI and to lead Theme 2 (Accelerating the development, delivery, and adoption of improved rice varieties) of the Global Rice Science Partnership (GRSIP), a new CGIAR Research Program that brings together hundreds of public- and private-sector organizations.

The successful candidate will set priorities, develop the appropriate implementation mechanisms, and build outstanding teams and people. He or she will provide the overall leadership for accelerating the development of new rice varieties and hybrids in all major rice-growing environments, with a particular emphasis on new, targeted product development pipelines that use molecular breeding approaches and networks. For complete job details, please view our job homepage at [www.irri.org](http://www.irri.org).

The position will be based at the International Rice Research Institute (IRRI) headquarters in Los Baños, Philippines, with a competitive compensation and benefit package. IRRI provides a multicultural work environment that reflects the values of gender equality, teamwork, and respect for diversity. Women are encouraged to apply. Interested candidates should apply online or submit their application to IRRIRecruitment@irri.org. The Screening will begin on 22 November 2010 and will continue until a suitable candidate has been selected.

We also invite applications for the following positions:

**CROP PHYSIOLOGIST (Scientist)**

The successful candidate will use advanced plant physiology research approaches to develop improved rice varieties with increased yield potential, excellent grain quality and tolerance for rising temperatures.

**TEMPERATE RICE BREEDER (Scientist/Senior Scientist)**

The successful candidate will use molecular breeding approaches to develop improved rice varieties for temperate environments and will coordinate all activities of the Temperate Rice Research Consortium (TRRC).

For complete job details, please view our job homepage at [www.irri.org](http://www.irri.org).
POSTDOCTORAL POSITIONS are available to study molecular mechanisms of estrogen receptor (ER) action. One project is to study the role of transcriptional coactivators and corepressors in controlling ER function in breast cancer cells. A second project is related to the understanding of molecular mechanisms regulating ER-dependent gene expression. Projects utilize molecular cellular biology and high throughput genomics approaches. For details of the laboratory visit http://www.bcm.edu/md/index.cfm?pmid=7708.

Required Qualifications: Recent Ph.D. with strong background in molecular biology and/or cell biology. Salary commensurate with experience. To apply send a letter of application including a short description of research experience and interests, a curriculum vitae, and names and contact information for three references to: Carolyn Smith, Ph.D. (e-mail: carolyns@bcm.edu).

Baylor College of Medicine is an Equal Opportunity, Affirmative Action, and Equal Access Employer.
Faculty Position in Environmental Health Sciences

Applications are invited for a tenure-track faculty position at the Assistant or Associate Professor level in the Department of Environmental Medicine at the University of Rochester. We are especially interested in applicants that apply cutting-edge approaches to fundamental questions in neurotoxicology and/or epigenetics that examine the relationship between environmental chemical exposures and human diseases and disorders, with a particular emphasis on fetal/neonatal exposures, but other areas of environmental health sciences will also be considered. We seek an outstanding individual with a strong commitment to excellence in research, scholarship and teaching.

The successful candidate will be part of a highly interactive environment with faculty research interests and programs spanning neurotoxicology, cardiopulmonary and developmental toxicology, osteotoxicology, immunotoxicology and the molecular biology of xenobiotic receptors and transporters. These programs include both animal models and human research. The Department of Environmental Medicine, site of the successful applicant’s primary appointment, has been a long-standing home to an NIEHS Environmental Health Sciences Center of Excellence and an NIEHS Toxicology Graduate Training Program (http://www2.enmed.rochester.edu/enmed/index.html). In addition, the University of Rochester recently was ranked as one of the top 15 Best Places to Work in Academia of 2010 (The Scientist, July 2010).

Competitive salary, startup packages and access to the many Facility Cores of the NIEHS Center and the Medical Center are provided. The University of Rochester Medical Center is undergoing a major expansion of its research facilities and infrastructure, with an emphasis on the areas of neuromedicine, cancer, cardiovascular disease, immunology and infectious disease and musculoskeletal disease.

Applicants should send a CV, a statement of research interests including future plans, and the names of 3-5 references to: Dr. Deborah A. Cory-Slechta, Search Committee Co-Chair, Box EHSC, Department of Environmental Medicine, University of Rochester School of Medicine, Rochester, NY 14642 (deborah_cory-slechta@urmc.rochester.edu).

The University of Rochester is an Equal Opportunity Employer.

AWARDS

McGill

The Louis and Artur Lucian Award For Research in Circulatory Diseases

Each year a Committee from the McGill University Faculty of Medicine confers the Louis and Artur Lucian Award ($60,000 CDN) for outstanding research in the field of circulatory diseases. The purpose of this Award is to honour a scientific investigator or group of investigators whose current contribution to knowledge in this field is deemed worthy of special recognition. The successful recipient is invited to spend a period of time at McGill University to give a formal Lucian Lecture and to have interactions with members of the McGill community. Submissions should be received on or before March 25, 2011.

For further information and to download the nomination form, please check the following website, http://www.mcgill.ca/lucianaward or contact:

Dr. Jacques Genest, Chair
The Louis and Artur Lucian Award Committee
Royal Victoria Hospital
McGill University Health Centre
Cardiovascular Research Laboratories, H7.14
687 Pine Avenue West
Montreal, Quebec, CANADA H3A 1A1
Tel: (514) 934-1934, Ext. 34630
FAX: (514) 843-2843

Faculty Positions in Vaccine Development for Cancer, Addiction and Neurodegenerative Diseases

Chronic diseases are an increasing major public health issue of the 21st century. In response, the University of Texas Medical Branch at Galveston (UTMB Health) has established the “Vaccines for Chronic Diseases” initiative to encompass research at all stages of vaccine development, from basic science/discovery through clinical studies. We seek highly motivated researchers with an established record of extramural funding, or the potential to establish a robust research program, as well as a willingness to work in a highly collaborative and interdisciplinary environment. Currently, areas of particular interest are: addiction, cancer, and neurodegenerative diseases. We are recruiting individuals holding MD, PhD, and/or DVM degrees at the Assistant, Associate or Full Professor level, including tenure-track positions for suitably qualified individuals.

UTMB Health provides a rich environment for research, with a number of highly interactive centers of excellence and biomedical institutes. The “Vaccines for Chronic Diseases” initiative is led by the Sealy Center for Vaccine Development (www.utmb.edu/scvd) in conjunction with the UTMB Cancer Center (www.utmb.edu/cancer), the Center for Addiction Research (http://www.utmb.edu/addiction), and the Mitchell Center for Neurodegenerative Diseases (http://www.utmb.edu/neuro/MitchellCenter.htm). Additional UTMB centers of excellence involved in this initiative include:

• Center for Interdisciplinary Research in Women’s Health (http://www.utmb.edu/cirwh)
• Clinical Proteomics Center (https://bioinfo.utmb.edu/CPC)
• Institute for Human Infections and Immunity (http://www.utmb.edu/ihi)
• Institute for Translational Science (http://www.its.utmb.edu)
• Sealy Center on Aging (http://www.utmb.edu/scoa/index.html)
• Sealy Center for Molecular Medicine (http://scmm.utmb.edu)
• Sealy Center for Structural Biology and Molecular Biophysics (http://www.scsb.utmb.edu)
• Stark Diabetes Center (http://www.stark-diabetes.org)

Each of these centers/institutes has interests in vaccine development. With this wealth of expertise and our state-of-the-art core facilities, UTMB offers outstanding opportunities for collaboration and multidisciplinary research.

UTMB is home to the oldest medical school in Texas. The city of Galveston is a popular tourist and cruise ship destination that includes beaches, museums, historical architecture, a vibrant arts scene, and excellent restaurants; all located only 45 minutes away from Houston, the nation’s fourth largest city.

Interested candidates should send a C.V., outline of research interests and names of four references electronically to behawkin@utmb.edu, or by mail to: Vaccines for Chronic Diseases Search Committee C/O Dr. Bridget Hawkins, UTMB SCVD, 301 University Blvd, Galveston, TX, 77555-0436. For additional information, contact Dr. Alan Barrett, (abarrett@utmb.edu; phone 409-772-6662).

UTMB Health is an Equal Opportunity, Affirmative Action Institution, which proudly values diversity. Candidates of all backgrounds, including persons with disabilities, are encouraged to apply.
The Department of Molecular Biology at the University of Wyoming seeks an outstanding scientist to fill a tenure-track faculty position in molecular/cellular biology at the ASSISTANT PROFESSOR level. The successful candidate will be a postdoctoral fellow in an externally funded research program, participate in undergraduate and graduate teaching in the core molecular biology curriculum, and contribute to Departmental (Molecular Biology) and Interdepartmental (Molecular and Cellular Life Sciences) graduate education programs (see links at uwacadweb.uwyo.edu/UWmolecbio/). Salary and startup package will be competitive. Candidates must have a Ph.D. degree or equivalent, postdoctoral research experience, and clear evidence of research productivity. Applications must be sent electronically to e-mail: molecularbiology@uwyo.edu as a single PDF file labeled with your last name and initial that includes a cover letter, curriculum vitae, description of research interests, and description of teaching interests and philosophy. In addition, please have three letters of recommendation sent electronically to e-mail: molecularbiology@uwyo.edu or by regular mail to: Search Committee Chair, Department of Molecular Biology, University of Wyoming, 1000 E. University Avenue, Department 3944, Laramie, WY 82071. The Department of Molecular Biology includes 17 faculty with diverse research interests and significant external support. The University of Wyoming enrolls approximately 13,500 students, including about 2,900 graduate students. Laramie is located in the Rocky Mountain region of southeastern Wyoming, about 120 miles from Denver. In addition to opportunities for academic excellence, the University of Wyoming and Laramie offer a college-town environment, extraordinary outdoor recreational opportunities, and daily conveniences that contribute to a high quality of life. The position will begin on December 20, 2010, and continue until a suitable candidate is identified. The University of Wyoming is committed to diversity and enforces principles of equal opportunity. We acknowledge that diversity enriches and sustains our scholarship and promotes equal access to our educational mission. We seek and welcome applications from individuals of all backgrounds, experiences, and perspectives. The University of Wyoming is dedicated to ensuring a safe and secure environment for our faculty, staff, students, and visitors. To achieve that goal, we will conduct a background investigation on the successful candidate.

ASSISTANT OR ASSOCIATE PROFESSOR
Arthritis Center/Rheumatology

The Arthritis Center at the Boston University School of Medicine invites applications for a position at the rank of Assistant or Associate Professor in the areas of rheumatology and in related basic sciences. Outstanding candidates working in all areas of immunology are invited to apply. We particularly encourage applications from individuals working in the field of innate immunity and lymphocyte function. Preference will be given to individuals with research interest and experience in areas that complement and enhance the existing programs (website: http://www.bumc.bu.edu/rheumatology/). Successful candidates for this position are expected to develop and maintain a competitively funded research program. The minimum requirements for an Assistant Professor position include a M.D., Ph.D., or M.D.-Ph.D. with at least three years postdoctoral experience. Appointment at the Associate Professor level requires a minimum of five years experience at the Assistant Professor level or equivalent, and a nationally recognized and federally funded research program. The Arthritis Center invites applications from basic scientists, physicians, excellent core facilities, and collegial atmosphere. Interested candidates should electronically submit curriculum vitae, a brief summary of research interest and plans, and the contact information for three references to: Maria Trotta, Ph.D. (e-mail: mtrotta@bostonmedcenter. bu.edu), Director, Arthritis Center, 72 East Concord Street, E-5, Boston, MA 02118. Boston University is an Equal Opportunity Employer and actively seeks applications from women and underrepresented groups.

FACULTY POSITION
Brown University School of Engineering seeks applicants in the field of Biomedical Engineering. Positions are open at all levels. See full listing at website: http://www.engin.brown.edu. Anubhav Tripathi - Search Committee School of Engineering 184 Hope Street Providence, RI 02912 E-mail: anubhav_tripathi@brown.edu Brown University is an Equal Opportunity/Affirmative Action Educator and Employer.

POSITIONS OPEN
NASA Ames Research Center Synthetic Biology Innovation Laboratory

NASA Ames Research Center has an established track record in biotechnology and fundamental biologi- research, with applications in astrobiology, radi- biology, biosensors, biofuels, biomanufacturing, human health, and bioregenerative life support. Ames is seeking to infuse synthetic biology into these and other applications.

Two positions are available for RESEARCH FEL- LOWS in the newly established Synthetic Biology Innovation Laboratory, a cross-disciplinary research program formed to create new technologies that meet NASA needs. Fellows will be expected to develop research projects in collaboration with NASA scientists, engineers, and graduate students in the areas of regenerative biology, space exploration, and the interface of Genomics and Proteomics. Experience applying technologies will be required for this position. Independent Study Program.

Applications will include the following outlines of two potential NASA relevant research projects, one high risk and one low risk. Technology areas include, but are not limited to: biomaterials, biosensor, long term habita- tion, closed life support systems, food production, high value chemicals, biological in situ resource utilization (ISRU), and biomanufacturing as well as air, water, and waste processing.

Appointments will be for two years with the possibility of renewal for a total of up to four years. Stipend will be competitive and commensurate with experience. Please apply online at website: http://syntheticbiology.arc.nasa.gov/ follow the link for research fellows. Applications must be received by January 21, 2011.

FACULTY POSITIONS
Molecular BIOLOGIST, three year visiting position, to teach introductory biology, introductory cellular and molecular biology, and upper level courses in cellular and molecular biology. Will also direct undergraduate research in the College’s required Independent Study Program. Applicants should have a Ph.D. and postdoctoral research and/or teaching experience preferred. Send curriculum vitae, statements of research and teaching philosophy, transcripts, and three letters of recommendation to: Dr. M. D. Loveless, Chair of Biology, The College of Wooster, Wooster, OH (e-mail: mloveless@wooster.edu). Electronic applications are preferred, and should be received by Feb- ruary 4, 2011, for full consideration.

ELECTRONIC CO-pragma
ECONOMIST/CONSERVATION BIOLOGIST, ECOLOGIST and CONSERVATION BIOLOGIST, one-year position, to teach introductory biology and upper level courses in general ecology and conserva- tion biology, and to direct undergraduate research in the College’s required Independent Study Program. Applicants should have a Ph.D., postdoctoral research and/or teaching experience preferred. Send curriculum vitae, statements of research and teaching philosophy, transcripts, and three letters of recommendation to: Dr. M. D. Loveless, Chair of Biology, The College of Wooster, Wooster, OH (e-mail: mloveless@wooster.edu). Electronic applications are preferred, and should be received by March 25, 2011, for full consideration.

Wooster seeks to ensure diversity by its policy of employing persons without regard to age, sex, color, race, creed, religion, na- tional origin, disability, veteran status, sexual orientation, or poli- tical affiliation. The College of Wooster is an Equal Opportunity/ Affirmative Action Employer.
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AQUATIC ECOLOGIST

Loyola University Chicago (LUC), College of Arts and Sciences, Department of Biology, invites applications for a full-time, tenure-track position in Aquatic Ecology at the rank of ASSISTANT PROFESSOR, beginning August, 2011. We are a large department that serves more than 1500 undergraduate majors and 25 M.S. students. We have modern laboratory facilities and a 2100 square-foot artificial stream facility. For an overview of the department visit website: http://www.luc.edu/biology/. Candidates must have a Ph.D. and post-doctoral experience, and will be expected to establish a vigorous, externally funded research program involving undergraduates and M.S. students. Preference will be given to candidates having research expertise complementing existing research strengths in the department. Teaching responsibilities shall include general biology, general ecology, and an advanced course in the candidate’s area of specialization. Candidates for the position must clearly demonstrate the potential for excellence in research and teaching and have a record of (or clear potential for) distinguished scholarship, grant-funded research, and student mentorship. Candidates should complete the online application at website: http://www.careers.luc.edu with cover letter, curriculum vitae, research plan, teaching philosophy statement, and names and contact information for three references. Review of applications will begin on December 10, 2010, and continue until the position is filled. Written inquiries about the position can be sent to: Aquatic Ecologist Search Committee, Loyola University Chicago, Department of Biology, 1032 West Sheridan Road, Chicago, IL 60660. Loyola University Chicago is an Equal Opportunity/Affirmative Action Employer with a strong commitment to diversifying its faculty. Applications from women and minority candidates are especially encouraged. For information about LUC, visit website: http://www.luc.edu.

FACULTY POSITION in MICROBIAL BIOLOGY

Department of Biology, University of Utah

The Department of Biology at the University of Utah invites applications for a tenure-track position in Microbial Biology. We encourage applicants who are investigating any area of microbial biology, including eukaryotic microbes and microbial interactions with higher organisms. For an overview of the department, please visit website: http://www.biology.utah.edu/. Applicants should submit in PDF format curriculum vitae, up to five representative publications, and names of three references to: The Microbial Biology Search Committee, Department of Biology, University of Utah, 257 South 1400 East, Rm. 201, Salt Lake City, UT 84112-0840, USA. Review of applications will begin on January 15, 2011, and continue until the position is filled. The University of Utah values candidates who have experience working with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. The University of Utah is fully committed to affirmative action and to its policies of nondiscrimination and equal opportunity in all programs, activities, and employment. Employment decisions are made without regard to race, color, national origin, sex, age, or status as a person with a disability, sexual orientation, gender identity or expression, or status as a veteran. The University seeks to provide equal access for people with disabilities. Reasonable prior notice is needed to arrange accommodations. Evidence of practices not consistent with these policies should be reported to: Director, Office of Equal Opportunity and Affirmative Action, telephone: 801-581-8365 (V/TTD).

POSTDOCTORAL FELLOW POSITIONS

Several NIH-supported postdoctoral positions are available in the laboratories of Drs. David Busija and Prasad Katkam in the Department of Pharmacology at Tulane University Medical School in New Orleans, Louisiana United States to study cerebral and coronary vascular control mechanisms starting January 1, 2011. Research focuses on (1) mitochondrial influences on arteries; (2) effects of disease processes such as insulin resistance or ischemic stress on the vasculature; and (3) therapeutic approaches to protect or restore vascular responsiveness during insulin resistance or ischemia. The research will involve a variety of approaches including videomicroscopic dimensional analysis of pressurized arteries, confocal microscopy, and/or in vivo myocardial ischemia-reperfusion technique. Successful applicants will join an active research program in vascular biology supported in part by an NIH R01 grant. Stipend levels are in accordance with NIH guidelines; however, applications are not restricted to U.S. citizens. Applicants should send curriculum vitae, description of their research experience/interests, and the names and contact information for three references to: Dr. David Busija Professor and Chairman Department of Pharmacology Tulane University Medical School In care of: Debra Sanders, Office Manager, E-mail: dsanders@tulane.edu Tulane University is an Affirmative Action and Equal Opportunity Employer. We invite Women and Minorities to apply.

VERTEBRATE WILDLIFE ECOLOGIST

University of North Dakota

The Department of Biology at the University of North Dakota invites applications for a tenure-track ASSISTANT or ASSOCIATE PROFESSOR of Vertebrate Wildlife Ecology. The successful candidate will have completed a Ph.D. with an undergraduate degree in fisheries and wildlife biology and will also strengthen the Department’s program in ecology, evolution, and conservation biology. We will consider vertebrate wildlife ecologists with a broad range of interests, but especially those who are able to work with state and federal agencies and whose research will benefit from our location in the prairie pothole region of the northern Great Plains. The successful candidate will establish a productive extramurally funded research program and actively train M.S. and Ph.D. students. Teaching expectations will not exceed two courses per year for the first several years. Courses taught will include wildlife management and other upper level courses depending on the candidate’s area of expertise. Position will begin 15 June 2011, and a Ph.D. is required, with postdoctoral experience desired. Review of applicants will begin 15 December 2010 and continue until the position is filled. Send curriculum vitae, three representative reprints, statements of teaching philosophy and research interest, and names with contact information for three references to: Dr. Brett Goodwin, Department of Biology, 10 Cornell Street, Stop 9019, University of North Dakota, Grand Forks, ND 58202-9019. For more information visit website: http://www.und.edu/dept/biology/jobs.htm. The University of North Dakota is an Equal Opportunity/Affirmative Action Employer and we strongly encourage applications from women and underrepresented groups.

POSTDOCTORAL RESEARCH ASSOCIATE

Immediate openings are available for several POSTDOCTORAL ASSOCIATE, RESEARCH ASSOCIATE, and SENIOR RESEARCH ASSOCIATE positions to work on Genetics/Aging projects in the laboratories of Dr. Eugene Wang at Tulane University established in 1798 and located in Kentucky’s largest metropolitan area. The University has three campuses and is accredited by the commission on Colleges of the Southern Association of Colleges and Schools to award Associate’s, Bachelor’s, Master’s, specialist, Doctoral, and first-professional degrees. It has a student body of approximately 20,000, faculty and staff of approximately 5,900, and an operating budget of $680.3 million.

Interested candidates should submit curriculum vitae and the names of three references to: Dr. Eugenia Wang in care of Cathi Lyninger, Unit Business Manager Greens Center on Aging University of Louisville School of Medicine; e-mail: cathi.lyninger@louisville.edu.

The University of Louisville is an Equal Opportunity Employer.

RESEARCH SCIENTIST

The R&D Department of ChemGen Corp., in Gaithersburg, Maryland is recruiting a research scientist to work on the development of microbial strains for the production of industrial enzymes. The projects use the application of mutagenesis and high throughput screening to guide the directed evolution of certain improved enzyme properties. Also involved is the construction of Gram-positive bacterial host strains with high-level gene expression and protein secretion. The work requires a Ph.D. or equivalent, and ideally expertise in molecular biology, enzymology, microbiology, and microbial genetics. Candidates should have a strong record of achievement and innovation, and interest to participate in product development. ChemGen Corp. is a growing biotechnology company with worldwide sales focused on the development of novel products for animal feed applications. We provide a comprehensive benefits package that includes health, dental, life, FSAs, and 401k. Please send your resume to e-mail: hr@chemgen.com or to fax: 301-948-5866. ChemGen Corp is an Equal Opportunity Employer.

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