CELL AND SYSTEMS BIOLOGY
University of Toronto

The Department of Cell & Systems Biology at the University of Toronto invites applications for a tenure-track faculty position to be appointed at the level of ASSISTANT or ASSOCIATE PROFESSOR beginning July 1, 2010. We are interested in outstanding candidates that complement existing strengths in the Department in the areas of genomics, cell and developmental biology, and neurophysiology using high-throughput approaches or genome-wide network analyses with genomic, proteomic, or advanced cell biological and imaging tools. We particularly encourage applications from candidates who are addressing fundamental questions in plant and microbial biology, but will consider all outstanding candidates within the framework of our Department. For more information about the Department of Cell & Systems Biology, please visit our home page at website: http://www.csb.utoronto.ca/. Candidates should have at least two years of research experience beyond their doctoral degree. In addition to pursuing a vigorous, internationally recognized research program, the successful candidate will demonstrate potential for excellence in undergraduate and graduate teaching in the molecular life sciences. The successful candidate would also be expected to network with researchers across the University to take advantage of the extensive resources in cell and systems biology at the University of Toronto and its affiliated institutions. Salary will be commensurate with qualifications and experience.

Qualified candidates are encouraged to submit their applications online to website: http://www.jobs.utoronto.ca/faculty.htm. Applicants should submit a single PDF file (less than two megabytes) that includes a cover letter, their curriculum vitae, and statements of research and teaching interests. Applicants should also arrange for at least three confidential letters of recommendation to be sent directly to: Prof. Ulrich Tepass, Chair, Department of Cell & Systems Biology, University of Toronto, 25 Harbord Street, Toronto, Ontario MSS 3G5, Canada, or to e-mail: search@csb.utoronto.ca by January 15, 2010.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The Department of Neuroscience at The Ohio State University plans to hire several junior, tenure-track NEUROSCIENTISTS beginning this academic year. The Neurosciences Signature Program, which also comprises Neurology and Neurological Surgery, has been targeted for investment at the Ohio State University Medical Center. Although we are interested in applicants who demonstrate an exceptional record of research accomplishment in basic neuroscience, we are particularly interested in individuals whose research interests build on current or emerging strengths in spinal cord and brain injury, neuroplasticity, and mechanisms of neural degeneration and who provide translational links to our clinical colleagues. State-of-the-art research facilities are available. Applicants should submit curriculum vitae, a statement of research interests, and three letters of reference to: Randy J. Nelson, Department of Neuroscience, Ohio State University, Columbus, OH 43210. Application materials may be submitted electronically (preferably in PDF format) to e-mail: cheryl.yoder@osumc.edu. Application deadline: December 15, 2009. The Ohio State University has a strong commitment to diversity and actively encourages applications from individuals of underrepresented groups. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS
COMMUNITY ECOLOGY

The Ecology Department at Montana State University seeks two community ecologists at the level of ASSISTANT PROFESSOR: one terrestrial animal community ecologist and one plant community ecologist. We seek individuals with interests in fundamental ecological questions and the use of ecological theory to solve important applied problems and who have strong interests in collaboration. The Department of Ecology is committed to quality undergraduate and graduate education, and the successful candidate is expected to participate actively in the Department curriculum, including courses at both the undergraduate and graduate levels. Successful candidates will be expected to maintain an excellent program of research and publication with support from national competitive-grant programs, and to provide graduate student support and mentoring. Full position descriptions and application information are available at websites: http://www.montana.edu/cgi-bin/msuinfo/fpview/f/1019-2 and http://www.montana.edu/cgi-bin/msuinfo/fpview/f/1024-2 (plant and animal ecology, respectively). Screening of applications will begin January 15, 2010, and will continue until a suitable candidate is found. Electronic submission of applications is highly preferred. Montana State University is an institution that is committed to cultural diversity and encourages applications from members of underrepresented groups to include women and minority candidates.

TENURE TRACK POSITION
In Biochemistry and Molecular/Cellular Biology

The Department of Biochemistry and Molecular/Cellular Biology of the University of Louisville, website: http://louisville.edu/biology, invites applications for a tenure-track position at the ASSISTANT or ASSOCIATE PROFESSOR level to begin fall 2010. This position is open to individuals using any eukaryotic model system. Research expertise and interests may include, but are not limited to: metabolism, metabolic regulation, mechanisms of host defense, hormonal regulation and development. Individuals with research programs that target insect, fungal, or plant systems or with research programs with a focus in developmental biology (any system) are strongly encouraged to apply. Postdoctoral experience is required. The successful candidate is expected to contribute to the Department’s mission within both the undergraduate and graduate programs and to maintain an excellent record of research productivity and external funding. Primary teaching duties will include contributions to the core undergraduate curriculum in cellular and molecular biology and teaching graduate-level material in the applicant’s area of specialization. Applicants must apply online at website: http://www.louisville.edu/jobs, Job #24657 and attach only curriculum vitae. Additionally, applicants should submit curriculum vitae, statements of research and teaching interests, representative reprints, and contact information for three references to: BMCB Search Committee, Department of Biology, University of Louisville, Louisville, KY 40292. Review of applications will begin on December 1, 2009, and will continue until the position is filled. The Department of Biology is committed to building a culturally diverse faculty. The University of Louisville is an Affirmative Action, Equal Opportunity, American with Disabilities Employer, committed to diversity and encourages applications from members of underrepresented groups to include women and minority candidates.

Engineering and Public Policy at Carnegie Mellon seeks doctoral students with technical backgrounds to address policy issues such as: electric power, energy and environment, advanced vehicles, nanotechnology, digital media, cybersecurity, privacy, information technology policy, risk analysis and regulation, management of innovation and R&D. Opportunities for dual degrees with Portugal available. See website: http://www.cpp.cmu.edu. Victoria Finney, Engineering and Public Policy, Carnegie Mellon, Pittsburgh, PA 15213 U.S.A.
**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, hematolgy, 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 visa. 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 complete 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, nhlbideputysearch@mail.nih.gov.

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**National Institutes of Health**

**National Institute of Arthritis and Musculoskeletal and Skin Diseases, Intramural Research Program**

**Tenured/Tenure-Track Investigator(s)**

The Intramural Research Program of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) of the National Institutes of Health (NIH) in the Department of Health and Human Services (DHHS) is recruiting outstanding tenure-track and/or senior (tenured) scientists (M.D., Ph.D, or M.D./Ph.D) active in any of the following areas relevant to musculoskeletal biology or diseases:

- Basic, Translational and Clinical Research in Orthopaedics, Bone, Cartilage, or Muscle
- Nanotechnology related to Bone, Cartilage, Tendon/Ligaments, or Muscle
- Biology of inducible pluripotent stem (iPS) and mesenchymal stem cells for the study of human disorders
- Biological/Tissue Engineering
- Regenerative Medicine

Emphasis will be placed on the applicants’ demonstrated track record of high-quality research and the originality and promise of their future plans. Successful applicants will be expected to develop energetic, creative, independent research programs within an existing highly interactive scientific environment. The ideal candidate would benefit from pre-existing expertise within NIAMS.

This position(s) is located on the NIH campus in Bethesda, Maryland, a suburb of Washington, D.C. NIAMS and the NIH offer tremendous depth and breadth of intellectual and technological resources, as well as opportunities for collaboration with investigators both within and outside of the NIH. NIAMS is also a major user of the NIH Clinical Research Center, a state-of-the-art research hospital on the campus of the NIH in Bethesda, Maryland. The research environment is highly conducive to advancing basic and translational research and highly collaborative, encouraging multidisciplinary and interdisciplinary team science.

The mission of NIAMS is to support research into the causes, treatment, and prevention of arthritis and musculoskeletal and skin diseases, the training of basic and clinical scientists to carry out this research, and the dissemination of information on research progress in these diseases.

Applicants should submit a cover letter that includes a short research interest statement (two page maximum), a curriculum vitae and complete bibliography, along with complete contact information of three referees. Applications should be submitted by February 1, 2010.

Applications should be submitted to: Mrs. Wanda White – RE: Musculoskeletal Initiative, Building 31 Room 4C-12, 9000 Rockville Pike, Bethesda MD 20892,

Email: whitewan@mail.nih.gov
The National Institute of Allergy and Infectious Diseases (NIAID) Transition Program in Clinical Research provides an opportunity for physicians to gain clinical and translational research experience in the NIAID Division of Intramural Research (DIR). The program aims to increase the pool of well-trained clinical investigators who are competitive for clinical tenure-track positions.

Up to three candidates per year will be selected for three- to five-year appointments as assistant clinical investigators. Applicants must have an M.D. or M.D./Ph.D., be board eligible or board certified in a subspecialty (or equivalent), and qualify for credentialing by the NIH Clinical Center. Applicants should identify a DIR lab chief who will agree to host their research. Information about DIR labs and contact information for lab chiefs is available at www.niaid.nih.gov/about/organization/dir/.

Applications will be evaluated by a search committee composed of NIAID DIR principal investigators with clinical and basic research interests. Competitive candidates will be asked to present their research accomplishments and plans to the search committee.

Participants will receive independent resources and staff and will be mentored by an NIAID senior clinical investigator.

Interested candidates may contact DIR Deputy Director Dr. Karyl Barron at 301-402-2208 or kbarron@nih.gov for additional information or assistance in identifying an appropriate host lab.

To apply for the program, e-mail curriculum vitae/bibliography, a research program proposal (no more than two pages), and a letter of support from the accepting NIAID lab chief by November 30, 2009 to Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov. In addition, send three letters of recommendation to Chair, Transition Program in Clinical Research Search Committee, c/o Ms. Yushekia Hill by e-mail at NIAID.DIR.Search@niaid.nih.gov or by post at 10 Center Drive, MSC 1356, Building 10, Room 4A-22, Bethesda, MD 20892-1356. E-mail is preferred. Please note search #029 when sending materials.

Further information about working at NIAID is available on the Web at www.niaid.nih.gov/careers/stp.
The Laboratory of Immunology (LI), Division of Intramural Research, National Institute of Allergy and Infectious Diseases, National Institutes of Health (NIH) invites applications for a tenure-track/tenured investigator position in immunology. Applicants should have a Ph.D., M.D., or equivalent degree, an outstanding record of postdoctoral accomplishment; and an interest in any area of biomedical research related to immunology.

Specifically, we seek a highly creative individual who will establish an independent, world-class research program that takes full advantage of the special opportunities afforded by the stable, long-term funding of the intramural research program at NIH. She or he should be interested in developing and applying novel approaches to the study of problems of major biological and/or medical importance, which could include a significant clinical or translational effort in addition to bench research. In the former case, the successful candidate would have access to the NIH Clinical Center, a state-of-the-art research hospital on the NIH campus in Bethesda, MD, and ample opportunity to participate in the activities of the Trans-NIH Center for Human Immunology.

Generous ongoing support for salary, technical personnel, postdoctoral fellows, equipment, and research supplies will be provided. Available core or collaborative facilities include flow cytometry, advanced optical imaging, microarray generation and analysis, high throughput sequencing, computational biology, production of transgenic and gene-manipulated mice, biosafety level (BSL)-3 facilities, chemical genomics, and support for projects involving RNAi screening. The successful applicant will also have access to Trans-NIH initiatives involving technology development, translational investigation, and multidisciplinary science. In addition to an outstanding international postdoctoral community, a superior pool of graduate and undergraduate students is available to the successful applicant.

LI has a distinguished history of accomplishment in immunology. We strongly encourage application by outstanding investigators who can continue and enhance this record of achievement. Current LI investigators are Ronald Germain, Michael Lenardo, David Margulies, Stefan Mulyo, William Paul, Ethan Shevach, and Tsan Xiao.

To apply, e-mail curriculum vitae, bibliography, and outline of a proposed research program (no more than two pages) to Ms. Yusheavia Hill at NIAID.DIR.Search@niaid.nih.gov. In addition, three letters of reference must be sent directly from the referees to Drs. Giorgio Trinchieri and Dan Kastner, Co-Chairs, NIAID Search Committee, c/o Ms. Yushevia Hill, at NIAID.DIR.Search@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, MD 20892-1356. E-mail is preferred. Applications will be reviewed starting 11/16/09 and will be accepted until the position is filled. Please refer to ad #028 on all communications. For further information about this position, contact Dr. William Paul at 301-496-5046 or wpaul@niaid.nih.gov.

A full package of benefits (including retirement and health, life, and long-term care insurance) is available. Women and minorities are especially encouraged to apply. U.S. citizenship is not required.

To learn more about NIAID and how you can work in this exciting research organization, please visit us on the web at www.niaid.nih.gov/careers/sti.
Assistant Professor (Tenure Track) of Neurogenetics

The Department of Biology (www.biol.ethz.ch) at ETH Zurich invites applications for an Assistant Professor (Tenure Track) in the area of Neurogenetics.

The candidate is expected to build a strong and independent research program in neurobiology aimed at studying the relationship between the genome and complex traits such as behavior, and the underlying biological mechanisms, both in health and disease. An orientation towards the field of neuroepigenetics at an organism level will be highly considered. A solid background in genetics/epigenetics, molecular biology, physiology, behavioral and cognitive neuroscience, and in the design and use of animal and cellular models is highly desired. The successful applicant is expected to employ molecular methods including genetic engineering in rodents, virus-mediated gene manipulations, and RNA interference, in combination with behavioral, electrophysiological, biochemical, and/or proteomics approaches to modulate molecular pathways and examine the impact in vivo and in vitro. A tight integration into the major strategic research areas of the Department of Biology, including Movement Sciences and Energy Homeostasis, Metabolism and Aging, and Tissue Remodelling, Inflammation and Repair is foreseen.

The future Assistant Professor will be a member of the Department of Biology at ETH Zurich. Together with Life Science Zurich, the Department of Biology offers outstanding scientific opportunities to contribute to interdisciplinary research programs and establish close interactions with the local community through the Center for Neuroscience Zurich, the National Center for Competence in Research «Neural Plasticity and Repair», SystemsX.ch, and the Functional Genomics Center Zurich. An involvement in the Biology and Neuroscience teaching program is expected. 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 career of young and talented 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 including a curriculum vitae, list of publications and detailed research plan to the President of ETH Zurich, Prof. Dr. Ralph Eichler, ETH Zurich, Raemistrasse 101, 8092 Zurich, Switzerland, no later than January 31, 2010. With a view towards increasing the proportion of women in the faculty, ETH Zurich specifically encourages women to apply.
PICTURE YOURSELF AS A AAAS SCIENCE & TECHNOLOGY POLICY FELLOW

Make a Difference.
Help give science a greater voice in Washington, DC! Since 1973, AAAS Fellows have applied their skills to federal decision-making processes that affect people in the U.S. and around the world, while learning first-hand about the government and policymaking.

Join the Network.
Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, computational/mathematical, earth, medical/health, or physical science, or any engineering discipline. Individuals with a master’s degree in engineering and three years of post-degree professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.
The application deadline for the 2010-2011 AAAS Fellowships is 15 December 2009. Fellowships are awarded in the spring and begin in September. Stipends range from $73,000 to $95,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

Full details at: fellowships.aaas.org

Enhancing Public Policy, Advancing Science Careers

Jose Fernandez, PhD
Biochemistry, Purdue University
2006–07 AAAS Fellow at the Department of Health & Human Services, Office of Public Health & Emergency Preparedness

Now a senior science advisor at the U.S. Department of Health & Human Services, Office of the Assistant Secretary for Preparedness and Response, International Health Regulations Program
The Geology and Geophysics Department invites applications for two full-time tenure-track positions at the Assistant, Associate or Senior Scientist level. These positions are eligible for benefits.

The first position is in the area of metamorphic petrology (fluid-rock interaction) to pursue new research directions in fluid-rock interactions and chemical fluxes between the crust, mantle and oceans, dehydration/serpentinization processes, kinetic and thermodynamic modeling of metamorphic processes and elucidating the linkages between fluid flow, alteration deformation and the chemical fluxes across subduction zones. The candidate would bridge research between geochimists and geophysicists studying the global geochemical cycle from midocean ridges to subduction zones, and the geochemical evolution of the Earth.

The second position is in the area of isotope geochemistry. The successful candidate would apply state-of-the-art technologies of isotope geochemistry to a range of problems, including timescales of geologic processes, global geochemical cycles, mantle dynamics and evolution, biogeochemical cycles, and geochemical kinetics.

Successful candidates are expected to develop and maintain their own independent externally funded research program. Opportunities exist for teaching and advising graduate students through the MIT-WHOI Joint Program in Oceanography/Applied Ocean science and Engineering, as well as for collaborating with scientists and engineers elsewhere in the institution; the Departments of Marine Chemistry and Geochemistry, Biology, Physical Oceanography, Applied Ocean Physics and Engineering, and the Marine Policy Center.

A Ph.D. is required at the time of the appointment as well as a demonstrated record of excellence in research. The level of appointment will depend on the candidate’s background and experience.

Women and minority applicants are particularly encouraged to apply.

Target for applications, which should include a CV, a research statement and a list of 4 references who could submit letters of recommendation is November 30th, 2009.

Please visit http://jobs.whoi.edu for a detailed job description and to apply online today!
WHOI is an Affirmative Action/Equal Opportunity Employer M/F/D/V.
Applications are reviewed confidentially.

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Woods Hole Oceanographic Institution

Assistant or Associate Professor
MODELING NEUROBIOLOGICAL SYSTEMS/COMPUTATIONAL NEUROSCIENCE

The Division of Biological Sciences (www.biology.missouri.edu) at the University of Missouri-Columbia invites applications for a tenured or tenure-track position in modeling neurobiological systems / computational neuroscience. We are particularly interested in candidates who develop, expand and evaluate modeling tools to study neurobiological problems. This is the second in a series of hires designed to increase computational/modeling approaches in our department. The successful candidate will join a diverse group of biologists who work either in neurobiology and behavior, cell and developmental biology, and ecology and evolutionary biology. There are strong possibilities for joint appointments with either Biological Engineering or Electrical/Computer Engineering if the candidate and department(s) are interested.

We offer a highly competitive salary and start-up package, an active doctoral program with institutional and federal support for students, and a highly interactive faculty.

Send application by e-mail to: neuromod@missouri.edu. Attach a single Adobe Acrobat PDF or Microsoft Word document that includes your vita and statements of research and teaching interests. Have three letters of reference mailed to: John David, Chair, Division of Biological Sciences, 105 Tucker Hall, University of Missouri, Columbia, MO 65211-7400. Review of applications will begin December 15, 2009. To request ADA accommodation contact Johnette Blair at 573-882-6650 or BlairJo@missouri.edu.

MU is an Equal Opportunity-Affirmative Action Employer. We are committed to ethnic, racial, and gender diversity in our faculty and strongly encourage applications from women and members of groups underrepresented in science.

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Group Leader Position
(Population Genetics, Genomics and Evolution)
Gregor Mendel Institute, Vienna, Austria

The Gregor Mendel Institute of Molecular Plant Biology (GMI), founded by the Austrian Academy of Sciences in 2000, is a leading institute in the field of plant molecular biology located at the prestigious Vienna Biocenter Campus. Current research topics include population genetics, epigenetics, chromosome biology, developmental biology and plant stress signal transduction. For more information, see website: www.gmi.oeaw.ac.at

The research topic of the new Group Leader should be in the broad field of plant genomics, systems biology, or population genetics, preferably with a connection to evolution. Side projects involving organisms other than plants are welcome.

The GMI offers internationally competitive packages, including substantial institutional funding and access to state-of-the-art core facilities. The initial contract will be for 5 years (extension is subject to review).

Please send your application, including a curriculum vitae, a description of your proposed research, and contact details for three referees to Christiane Haffner (christiane.haffner@gmi.oeaw.ac.at). Review of applications will begin on 1 December 2009. Informal inquiries can be directed to Dr. Magnus Nordborg (magnus.nordborg@gmi.oeaw.ac.at).
FELLOWSHIPS

Science Scholarships and Fellowships
UNCF/MERCK SCIENCE INITIATIVE

The UNCF/Merck Science Initiative is an innovative approach that creates opportunities in the biological and chemical sciences for African American students throughout the country.

UNDERGRADUATE
Science Research Scholarship Awards

- Scholarships up to $25,000
- Two paid internships at Merck Research Laboratories with stipends totaling more than $10,000
- Mentoring and networking opportunities
- Eligibility: College juniors, science majors, 3.3 GPA

GRADUATE
Science Research Dissertation Fellowships

- Fellowships up to $52,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree candidates engaged in dissertation research in biological or chemical research fields

POSTDOCTORAL
Science Research Fellowships

- Fellowships up to $85,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree recipients in biological or chemical research fields

APPLY ON-LINE
www.ucnf.org/merck
Submit by December 1, 2009

T 703 205 3400
F 703 205 3550
E uncmerck@uncf.org

The University of South Florida invites applications for postdoctoral research scientists at the College of Marine Science, a rapidly expanding group spanning all of the major marine science disciplines. These 2 year appointments have competitive salary packages with opportunities to conduct high-quality postdoctoral research in association with selected ranked faculty members. For disability accommodations, please call (727) 553-3942.

VISITING RESEARCH ASSOCIATE ENDOWED POSTDOCTORAL

We are seeking an outstanding scientist with a recent doctorate in marine science, oceanography, or a closely related field. The successful candidate should demonstrate excellence in scholarly productivity and academic achievement, and have an expertise that complements a specialty within the College of Marine Science. Successful candidates must meet the completion of the Ph.D. requirements no later than Spring 2010 semester at their institution.

Interested candidates should apply online at https://employment.usf.edu. Under the Florida Sunshine Law, applications and search committee meetings are open to the public. Please submit a statement of research interests specifying the research contributions you could provide to the College: include name(s) of potential collaborating College of Marine Science faculty, a cover letter, curriculum vitae and contact information for three referees, no later than December 1, 2009.

For information regarding this available position (12563), please contact Dr. Albert C. Hine, Chair, Visiting Research Associate Search Committee, 727-553-1161 hine@marine.usf.edu. Please also visit www.marine.usf.edu.

POSTDOCTORAL FELLOW/ORGANIC & ISOPOE GEOCHEMISTRY

We are searching for a postdoctoral fellow/research associate to work on a NSF-P2C2 grant funded program to reconstruct late Quaternary paleohydrology and paleoclimate of the Amazon basin. To conduct this research, new sediment cores will be collected from offshore Brazil in 2010. The successful candidate will utilize the abundance of lipid biomarkers (higher plants and soil-derived bacteria) and their isotopic signatures ($^{13}C$ and $^2H$) to evaluate changing continental hydrologic conditions (river discharge, basin hydrology (arid/wet), vegetation changes, continental mean air temperature and soil pH). Together with collaborators at Duke University who will be focusing on foramifera records of ocean climate variability (SST, E/P, SSS), linkages between ocean climate regimes and the response of the continental hydrologic conditions will be explored.

Applicants must have a strong background in organic geochemistry and/or biogeochemistry and have a Ph.D with emphasis on geochemistry, paleoenvironmental and/or paleoclimate, laboratory experience with methods for lipid extraction, analytical experience with GC-MS/GC-FID and LC/MS for compound identification and with GC-IRMS coupling for compound-specific isotopic analyses is highly desirable. Applications will be reviewed as received. Expected starting date is February 2009. For the appropriate candidate we would delay the start time but strongly encourage participation on the coring expedition to offshore Brazil in February-March 2010. The successful candidate will also have opportunity to participate in other ongoing research projects on paleoclimate and biogeochemistry and to develop lines of research in close collaboration with us.

Interested candidates for this position must apply both online at https://employment.usf.edu and directly to davidh@marine.usf.edu. Please send a curriculum vitae, names of three referees, a statement of qualifications and research interests. For information regarding this available position, please contact Dr. David Hollander, Associate Professor, 727-553-1019 dhollander@marine.usf.edu. Please also visit www.marine.usf.edu.

VISITING RESEARCH ASSOCIATE FISH POPULATION DYNAMICS

We are seeking an outstanding scientist with a recent doctorate in marine science, oceanography or a closely related field relevant to fish population dynamics, fisheries oceanography, marine and estuarine sciences, or marine ecology. Strong pedagogical skills, experience organizing and participating in interdisciplinary fishery and oceanographic research, and synthesis of ecosystem datasets is essential. Demonstrated ability to apply biological, climate and oceanographic data to fish population dynamics using modern/emerging multispecies/ecosystem studies and statistical modeling is preferred. The successful applicant will be expected to teach graduate-level courses in fish population dynamics.

Advanced knowledge of the theory, principles and practices of fish population ecology, stock assessment, fisheries management, and a working knowledge of the physical and biogeochemical processes driving primary production, zooplankton dynamics, and food-web regulation is desired. The ability to develop and refine predictive population monitoring and assessment techniques (e.g., factors influencing year-class strength) of a detail necessary to evaluate direct effects of human actions and climate change is desired.

Interested candidates should apply online at https://employment.usf.edu. Please submit a statement of research interests, include a cover letter, curriculum vitae and contact information for three referees, no later than December 1, 2009. For information regarding this available position (14069), please contact Dr. Ernst Peebles, Associate Professor, 727-553-3983 epeeble@marine.usf.edu. Please also visit www.marine.usf.edu.

USF is an Equal Opportunity/Equal Access University.
Program in Science Technology and Environmental Policy at Princeton University - 2010-2011 - Postdoctoral Fellowship Program

The Program in Science, Technology and Environmental Policy (STEP) at Princeton University’s Woodrow Wilson School of Public and International Affairs (Michael Oppenheimer, Director) announces its 2010-2011 Postdoctoral Fellowship Program. STEP will award one-year research positions (with the possibility of renewal for a second year) to eligible, talented researchers. These awards are designed to promote basic policy-relevant research under the supervision of one or more STEP faculty members. STEP faculty are offering fellowship opportunities in the following areas of interest:

- David Wilcove: (1) conservation of migratory animals (2) impacts of logging and agriculture on biodiversity in Southeast Asia
- Michael Oppenheimer: (1) modeling the role of learning in decisions where structural model error is a key concern. This work will be coordinated with ongoing cases of actual scientific learning coupled to policy decisions. For further insights on this project, see [http://www.springerlink.com/content/7uw8150573197707/fulltext.pdf](http://www.springerlink.com/content/7uw8150573197707/fulltext.pdf) (2) analysis of paleoclimate proxies for sea level, ice extent, and temperature to improve the use of analogs in forecasting future sea level rise. This project focuses particularly, but not exclusively, on proxies from the Last Interglacial.
- Denise Mauzerall: research interactions between air pollution and climate change including chemical transport and climate modeling, analysis of potential co-benefits and technical and policy options for mitigation.

The Postdoctoral Fellows Program is open to all regardless of citizenship, but requires a completed doctorate and does not support work towards the completion of a degree. STEP fellows will be eligible for salary and full employee benefits in accordance with University guidelines.

Applicants should send a CV and a cover letter describing their areas of expertise and interest via [http://jobs.princeton.edu](http://jobs.princeton.edu) (use requisition number 0900477) The review process will commence immediately and continue until positions are filled. For more information about applying to Princeton please link to: [http://web.princeton.edu/sites/doj/ApplicantsInfo.htm](http://web.princeton.edu/sites/doj/ApplicantsInfo.htm). Candidates may choose to complete the “Invitation to Self-Identify” form [http://web.princeton.edu/sites/doj/forms/PSelfSellID.pdf](http://web.princeton.edu/sites/doj/forms/PSelfSellID.pdf). Providing the self-identification information is completely voluntary and declining to submit the information will not adversely affect your candidacy.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and affirmative action regulations.

COLUMBIA UNIVERSITY

Tenured and Tenure-Track Faculty Positions

Department of Electrical Engineering

The Department of Electrical Engineering at Columbia University in the City of New York invites applications for faculty positions.

Appointments at all levels, including assistant professor, associate professor, and full professor, will be considered. Priority cross-cutting themes include Energy, Engineering Biology, Information Technology, Advanced Computing, and Nanoscience/technology. Candidates who work in specific technical areas, including, but not limited to, computer engineering, networking and communications, and systems biology, with research programs that can significantly impact the above priority themes are particularly welcome to apply. Candidates doing other research at the interface of electrical engineering and the life sciences, physical sciences, and chemistry are also encouraged to apply.

Candidates must have a Ph.D. degree and are expected to establish a strong research program and excel in teaching both undergraduate and graduate courses.

Applicants should apply online on the Department Web site at: [https://academicjobs.columbia.edu/applicants/Central?quickFind=52158](https://academicjobs.columbia.edu/applicants/Central?quickFind=52158)

The position will close no sooner than December 15, 2009, and will remain open until filled.

Columbia University is an equal opportunity/affirmative action employer.

NATIONAL RESEARCH COUNCIL

OF THE NATIONAL ACADEMIES

Research Associateship Programs

Graduate, Postdoctoral and Senior Research Awards

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- Awards for independent research at over 100 participating laboratory locations
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- Annual application deadlines Feb. 1, May 1, Aug. 1, Nov. 1
- Open to US and non-US citizens

Detailed program information, including instructions on how to apply, is available on the NRC Web site at: [www.national-academies.org/rap](http://www.national-academies.org/rap)

Applicants must establish dialogue with Advisors at the Lab prior to application deadline.

Questions should be directed to the:

National Research Council
TEL: (202) 334-2760
E-MAIL: rap@nas.edu

Qualified applicants will be reviewed without regard to race, religion, color, age, sex or national origin.

THE NATIONAL ACADEMIES

Advisors to the Nation on Science, Engineering, and Medicine
4 Ecological Post-Doctoral Research Appointments

UNIVERSITY OF QUEENSLAND, BRISBANE, AUSTRALIA AND UNIVERSITY OF EXETER, UK

1) Modelling of climate change impacts and accretion of Caribbean coral reefs (4 years). Post based at University of Exeter (UoE) but seconded to the University of Queensland (UQ). This position is part of a collaborative project with Caribbean partners and involves extensive travel in the region. (Post reference: N2381). Salary in the range £26,391 - £31,513 pa depending on experience. Post available from 1 March 2010.


In connection with the vacancies at the University of Exeter the following posts will be made available by the University of Queensland:


In connection with the vacancies at the University of Exeter the following posts will be made available by the University of Queensland:

4) Coral reef field ecologist with interests in reef resilience and ecosystem services (5 years). (Post reference: UQ2). Salary for posts 3 and 4 is AUS$61,399 pa plus generous superannuation package (additional 17%). Both posts are available from 1 April 2010.

Applicants of any nationality are eligible to apply for these positions. A PhD and appropriate publication track record are required for all posts. A background in ecological modelling is required for posts 1, 2 and 3 though this does not have to involve coral reefs or marine ecosystems. For post 1, a background in bioerosion and reef accretion/calcification would be highly desirable. The field ecologist should already have developed a track record in coral reef ecology. Research interests can vary and may include coral population dynamics, herbivory, algal dynamics, population connectivity or reef fish biodiversity. The long tenure of these positions make them an excellent opportunity to develop an impressive track record in ecology and marine conservation.

For further information about these posts contact Professor Peter Mumby at the University of Exeter, email p.j.mumby@ex.ac.uk

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, UK (e-mail p.j.mumby@ex.ac.uk) quoting the relevant job reference number.

The closing date for completed applications is 25th 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.
Group Leader in Zebrafish Development and Regeneration, Australian Regenerative Medicine Institute

Applications are invited for a mid career, senior research scientist for a Group Leader position in the Eva and Les Erdi Zebrafish Research Group. This research group will focus on zebrafish genetics and development and the successful applicant will be a dynamic, independent scientist with an outstanding record of research success in applying zebrafish genetics to fundamental questions of developmental and/or regenerative biology. They will join an exciting new research Institute environment and will be expected to initiate and maintain strong research programs synergizing with the Monash research community and to take an active part in collaborative research. Applicants who use zebrafish to study aspects of regenerative biology are specifically encouraged to apply.

The Australian Regenerative Medicine Institute (ARMI) is a state-of-the-art regenerative medicine research facility based at Monash University, Melbourne, Australia. Monash is a young, dynamic and internationally recognized university with an established reputation for providing excellence in biomedical research, training and education in campuses around the world.

Benefits:
- Competitive salary with 17% superannuation plus generous start up package
- State-of-the-art laboratories and access to leading edge core research facilities including “Fish-core” a newly built 7000 tank zebrafish facility
- A range of professional development programs, support for research, study and overseas work, generous maternity leave and flexible work arrangements.

Commencement Date: Mid 2010
Duration: The appointment will be for a period of five years

Further information about ARMI and a position description can be obtained at:
http://www.med.monash.edu.au/armi/

Questions about this position should be directed to: Prof. Peter Currie, Deputy Director, peter.currie@armi.monash.edu.au

To apply, please email a cover letter, CV (in English), three letters of recommendation and a summary of present and future research interests, to positions@armi.monash.edu.au by 13 December 2009, quoting ref. no. A0910345 in the subject line.

Immunology Research Center
National Health Research Institutes (NHRI)
Taiwan

The newly established Immunology Research Center at the National Health Research Institutes (NHRI) in Taiwan invites applications for multiple tenure-track/tenured faculty positions at the rank of Assistant, Associate or Full Investigator (the equivalents of Assistant, Associate, and Full Professor). Highly qualified candidates are sought with research interests in all areas of Immunology and Signal Transduction, especially in the areas of cell signaling and gene regulation, innate immunity, immune tolerance, autoimmunity, and cancer immunology. Applicants should have a Ph.D. and/or M.D. degree as well as extensive postdoctoral experience. Selection will be based on excellence in research and the potential to maintain an outstanding research program. Investigators will have the opportunity to train graduate students from several affiliated universities. A generous annual intramural support will be provided.

Applicants should send curriculum vitae, description of research accomplishments and future objectives, and three reference letters to:

Faculty Search Committee
Immunology Research Center
National Health Research Institutes
35 Keyan Road, Zhunan Town,
Miaoli County 35053, Taiwan

Review of credentials is ongoing and will continue until the positions are filled. Further information can be obtained from Ms. Yu-Feng Huang at kitty01@nhri.org.tw.

PROTEOMICS FACULTY POSITION

The Department of Genome Sciences at the University of Washington School of Medicine in Seattle invites applications for a faculty position at the rank of ASSISTANT PROFESSOR working in the field of proteomics on protein composition, function, dynamics, localization and interactions. Exceptional candidates may be considered at the rank of ASSOCIATE PROFESSOR.

Primary emphasis is on the establishment of an outstanding independent research program in proteomics, as well as participation in the teaching and service responsibilities in the Department of Genome Sciences. The position also provides association with the Proteomics Resource, which offers access to state-of-the-art equipment and facilities, as well as opportunities to establish collaborations with laboratories throughout the University of Washington and to play a leadership role in the University’s wider proteomics program.

The Proteomics Resource facility occupies almost 7000 sq. ft. of space on the School’s new Lake Union Campus and has obtained substantial long-term financial support of its mission, allowing for equipment acquisition and renewal, development of computing resources and recruitment of key personnel.

Applications received by December 15, 2009, will receive consideration. Thereafter, applications will be reviewed upon receipt until the position is filled. Applicants should hold a Ph.D. or M.D. degree. Candidates should email their curriculum vitae and statement of research and teaching interests, and arrange to have three signed letters of reference sent to: faculty-search@gs.washington.edu.


The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University of Washington Faculty engage in teaching, research and service.
California State University, Fresno is one of 23 campuses in the California State University System. Metropolitan Fresno, with a multi-ethnic population of over 600,000, is located in the heart of the San Joaquin Valley on the western edge of the Sierra Nevada Mountain Range. The Jordan College of Agricultural Sciences and Technology’s Department of Viticulture and Enology (DVE) and Viticulture and Enology Research Center (VERC) provide world-class grape and wine education, research, and outreach programs. Our faculty and practical hands-on teaching and research programs are nationally and internationally recognized.

Position: AY: 2010-2011. 12-month assignment with tenure: Chair of the Department of Viticulture and Enology and Director of the Viticulture and Enology Research Center. The appointment typically will be 25% administrative, at least 65% research and outreach, and approximately 10% teaching. Professionalism, collegiality, and integrity are essential traits. The successful candidate will be expected to provide leadership of the DVE and VERC for the full range of responsibilities necessary to administer, develop, and operate programs including but not limited to: (1) planning and administering the academic and research programs, including the enhancement of instruction and building research capacity; (2) develop strong and effective liaisons with all branches of the viticulture and enology industries of California’s San Joaquin Valley; (3) formulating and implementing strategic plans and budgets through consultations with administrators, faculty, staff and industry; and (4) effectively representing the DVE and VERC. Salary placement depends upon academic preparation and professional experience.

Qualifications: An earned doctorate (Ph.D.) from an accredited institution, evidence of ability to plan, budget, and manage an academic department in a consultative and collegial style required. Candidates are expected to demonstrate evidence of research, scholarly and teaching activity commensurate with the rank of Associate Professor or Full Professor with tenure. Appointment at the rank of Professor will require a record of outstanding teaching, scholarly work, and/or professional activities. Must have the ability to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. Candidates having experience and familiarity with California grape and wine industries, experience in warm weather viticulture or enology, and the ability to use technology to enhance instruction preferred.

Open until filled: For full consideration, applicants are encouraged to have all application materials on file by February 5, 2010. Contact: Dr. Roy Thornton, Search Committee Chair.; Ph: (559) 278-7112; Fax: (559) 278-4795; Email: rthornto@csufresno.edu. Apply online: http://jobs.csufresno.edu. Full announcement: http://jcast.csufresno.edu/ve.

California State University, Fresno is an Affirmative Action, Equal Opportunity Institution.

GRADUATE PROGRAM

Master in Biotechnology Management

Recent advances in life sciences have brought about a revolution in the biotechnology industry. To face these new challenges and meet the resulting business opportunities, IE Business School offers an innovative and challenging Master’s program in Biotechnology Management, which combines general business knowledge with specialized industry know-how.

The program is aimed at professionals from either a scientific or management background looking to jump-start or further their careers within the biotech industry. Our program methodology reflects today’s international business environment, where cross-cultural teams work on global projects regardless of their geographic location. You will not have to leave your residence or work place for extended periods of time to pursue a truly rewarding learning experience.

IE Business School 4th in Europe (Financial Times European Business Schools ranking December 08).

For more information about this program, please visit: www.ie.edu/biotech
Admissions contact: biotech@ie.edu

IE Business School, Madrid, Spain • Tel. + 34 91 568 96 10
www.ie.edu/business
**Faculty Position in Retinal Stem Cells and Retinal Degenerative Diseases**

The Department of Neuroscience at the University of Connecticut School of Medicine is seeking a highly qualified individual with an outstanding background in retinal stem cells and retinal degenerative diseases. The John A. and Florence Matteri Solomon Chair in Vision Biology and Eye Diseases will partially support the work of the new faculty member. The applicant will be a Ph.D. and/or M.D. with experience in stem cells and an interest in applying that expertise to novel therapies of retinal diseases including macular degeneration. The successful candidate will have very strong research credentials including a history of major publications and well-funded research, along with experience teaching. The stem cell expertise at UCHC, coupled with the state-of-the-art imaging facilities available in the Center for Cell Analysis and Modeling and our Translational Genomics Core, make UCHC an excellent home for this type of research, which is an area of intense interest at the National Eye Institute.

Applications are invited for this tenure track position at the Associate or Full Professor level. Faculty will enjoy superb resources including a generous start-up package as well as state-of-the-art core facilities for mouse transgenics and ES cell manipulation, cellular electrophysiology, microarrays and next-generation sequencing, flow cytometry, confocal microscopy and fluorescence imaging. The successful candidate will be expected to expand upon this/her/his independent and innovative research program, and to actively contribute to a rich scientific environment and expertise in the Neuroscience Department.

Candidates are invited to visit the departmental web page (http://neuroscience.uchc.edu) and should apply by submitting electronically a curriculum vita, a one page description of research goals, and a pdf of a current published paper. The candidate should also solicit letters from three references. Applications and letters should be sent via the University of Connecticut Health Center Employment Services website, https://jobs.uchc.edu, search code 2010-374.

UCHC is an Equal Opportunity Employer M/F/V/PwD

**Faculty Position in Biomolecular NMR**

The Department of Molecular, Microbial, and Structural Biology at the University of Connecticut Health Center invites applications for a junior faculty position in biomolecular NMR. We seek candidates who complement existing strengths (http://mmsb.uchc.edu, http://structbio.uchc.edu, http://sb.uconn.edu) and we particularly encourage applications from women and minority candidates. The successful candidate will be expected to establish a robust research program and play a leadership role in departmental, campus, and university-wide research and teaching in structural biology. Candidates will be expected to demonstrate academic achievement and promise as an independent investigator. UCHC offers outstanding NMR resources, including spectrometers operating at 500, 600, and 800 MHz (all with cryogenic probes), as well as a well-equipped biophysical core facility.

The closing date for receipt of applications is January 5, 2010. Applicants should submit a letter of application, curriculum vitae, research plan and statement of teaching interests, and names (with address and e-mail address) of at least three references. Applications should be submitted via the University of Connecticut Health Center Employment Services website, https://jobs.uchc.edu, search code 2010-377.

UCHC is an Equal Opportunity Employer M/F/V/PwD

**Tenure Track Faculty Position in Geriatric or Aging Research**

The University of Connecticut Center on Aging is a multidisciplinary center with a $30 million research portfolio supporting clinical, basic and health outcome/population studies designed to improve independence, function and quality of life in older adults and their families (http://www.uconn-aging.uchc.edu/). Applications for a tenure track position in these areas are welcome at any level, but investigators with established funded research programs are especially encouraged to apply. Position requires MD, Ph.D. or equivalent degree, as well as a track record of research and funding relevant to frailty and disability associated with aging. Areas of particular interest include, but are not limited to: exercise, hormonal, behavioral or health service interventions designed to improve function and clinical outcomes; studies addressing the role of inflammation and oxidative stress; immunosenescence and stem cell biology.

Faculty will enjoy superb resources including a generous start-up package, state-of-the-art institutional research core facilities (http://uchc.edu/hc/research.html) and many collaborative opportunities in aging research (http://www.agingnel.uchc.edu/). Participation in the training of graduate students, postdoctoral and clinical fellows, and undergraduates is encouraged.

Candidates should apply by submitting a curriculum vita and the names of 3 references via the University of Connecticut Health center Employment Services website, https://jobs.uchc.edu, search code 2010-375.

UCHC is an Equal Opportunity Employer M/F/V/PwD

**DIRECTOR, NEUROSCIENCE INSTITUTE
NYU School of Medicine & its Affiliated Academic Medical Centers**

The NYU School of Medicine announces its search for the Director of the Neuroscience Institute. The Dean and faculty consider this an exceptional opportunity to lead a preeminent institute in the City of New York in close collaboration with the other schools and colleges of New York University.

The Director of the Neuroscience Institute will head research and recruitment efforts at our newly founded Neuroscience Institute. The successful candidate will have a PhD and/or MD and will have demonstrated leadership experience in a university, medical center or research institute setting, with a distinguished record of scientific achievements and a vision for the future of neuroscience.

Applications and nominations with accompanying *curriculum vitae* should be sent electronically, for confidential review by the search committee, to: Rebecca Elwork, M.H.S.A., Project Manager for Education, Faculty and Academic Affairs, Rebecca.Elwork@nyumc.org.

The NYU School of Medicine was founded in 1841 and is an Equal Opportunity, affirmative action employer and provides a drug-free and smoke-free workplace.
**Postdoctoral Positions**

Initiative for Bioinformatics and Evolutionary Studies (IBEST)

The Initiative for Bioinformatics and Evolutionary Studies at the University of Idaho is seeking four postdoctoral scientists with expertise in bioinformatics and computational biology to conduct research on the human microbiome and viral host switching. These postdoctoral scientists will play a leading role in developing new, computationally intensive tools for such analyses, and interfacing with the experimentalists responsible for generating the data. These postdoctoral scientists will also be part of the Initiative for Bioinformatics and Evolutionary Studies (IBEST) group at the University of Idaho (http://www.ibest.uidaho.edu/ibest/index.html); a dynamic and interdisciplinary research group with excellent research resources.

**HUMAN MICROBIOME**

Two postdoctoral scientists will join interdisciplinary, multi-institutional teams of investigators to conduct research to develop and apply statistical methods for the analysis of data from studies on the microbiome of the human vagina. In these projects state-of-the-art genomic technologies will be used to define the dynamics of vaginal bacterial communities using data on the metagenome, metatranscriptome, metabolome, community species composition, as well as clinical and behavioral metadata. Statistical models will then be used to define the molecular events that lead to bacterial vaginosis or increase risk to sexually transmitted diseases. One project is an NIH funded Human Microbiome demonstration project, while the second is within the Eco-Pathogenomics of Chlamydial Reproductive Tract Infection” (EPCRTI), an NIH funded Sexually Transmitted Infections Cooperative Research Center. The successful candidates will work under the supervision of Dr. Zaid Abdo (Departments of Mathematics and Statistics) and Dr. Larry Forney (Department of Biological Sciences).

**ADAPTIVE EVOLUTION OF VIRUSES**

Two postdoctoral scientists will work as part of an interdisciplinary team to combine mathematical theory with empirical studies that use a bacteriophage model system to explore general rules of viral adaptation. This will involve the use of statistical techniques and computational modeling informed by rigorous experiments to predict adaptive evolution at the molecular level. One postdoctoral scientist will focus mainly on statistical and mathematical modeling while the other will focus on empirical dissection of adaptive evolution and the molecular level. The successful candidates will work under the supervision of Dr. Paul Joyce (Department of Mathematics) and Dr. Holly Wichman (Department of Biological Sciences).

**Qualifications:** The successful candidates will have a Ph.D. degree in bioinformatics and computational biology, statistics, biostatistics or a related discipline. They will also have a strong record of research accomplishments, including multiple publications in peer reviewed scientific journals, excellent oral and written communication skills, and the ability to work effectively as part of an interdisciplinary team. A basic understanding of the ecology and evolution of microbial communities and knowledge of genetics and molecular evolution is desirable. Other requirements are listed in the position description posted on the University of Idaho Human Resources website (http://www.hr.uidaho.edu/default.aspx?pid=35496). Qualified candidates should apply no later than November 30, 2009 via the Human Resources website. Applications should include a cover letter, curriculum vitae, and three letters of recommendation.

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

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**SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE**

**ASSISTANT PROFESSOR - ANATOMIST**

**Description of Duties:** Applicants should have broad training in human and/or vertebrate anatomy. The successful candidate will share responsibility for teaching a human anatomy course for majors, human anatomy and physiology course for non-majors, and advanced courses in their specialty area. Expertise in areas of interest to pre-health professional students (e.g., development biology, histology, neurobiology, and endocrinology) are desirable. The successful candidate will also be expected to participate in teaching introductory courses for biology majors and non-majors, and should exhibit potential for independent and innovative research involving Master’s and undergraduate students.

**Qualifications Required:** A PhD in biology or related field. Relevant Post-doctoral teaching and research experience preferred.

**Closing Date for Applications:** Review of applications will begin on December 1, 2009, and continue until position is filled.

**Submit:** To apply, send a letter of application with a statement of teaching philosophy, statement of research interests, *curriculum vitae*, copies of official transcripts, three letters of reference, and no more than three reprints to:

Chair, Physiologist Search Committee
Department of Biological Sciences
Southern Illinois University Edwardsville
Campus Box 1651S
Edwardsville, IL 62026-1651

SIUE is a comprehensive regional university located on a 2,660 acre campus in a semi-rural setting 25 minutes from downtown St. Louis, MO. SIUE is dedicated to excellence in undergraduate education.

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*SIUE is a state university – benefits under state sponsored plans may not be available to holders of F1 or J1 visas.*

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**JOHN TEMPLETON FOUNDATION**

**EXECUTIVE VICE PRESIDENT**

**WEST CONSHOHOCKEN, PENNSYLVANIA**

The John Templeton Foundation invites nominations and applications for the position of Executive Vice President.

Founded in 1987 by legendary global investor and philanthropist, Sir John Templeton, the mission of the $1.5 billion asset Foundation is to serve as a philanthropic catalyst for discovery into areas engaging in life’s biggest questions. JTF provides grants and programs that challenge religions to realize how much they still need to learn and understand, and to embrace a culture of discovery that absorbs new insights and generates spiritual progress, particularly, but not exclusively, through scientific research.

The Executive Vice President will report directly to the President, and as his deputy, will play a major role in all aspects of the Foundation’s activities. The successful candidate will have substantial intellectual credentials relevant to JTF’s core program areas (Natural Sciences, Human Sciences, Philosophy and Theology, Character Development, Freedom and Free Enterprise, Gifted Education and World Religions) and will have a background in scientific research or within a multifaceted scientific organization where innovative global thinking is essential. The Executive Vice President’s ability to create and maintain networks of academics and others who resonate with the Foundation’s mission will be a critical component of the Executive Vice President’s core responsibilities.

More information about the Foundation can be found on its website www.templeton.org.

Please send all nominations or applications to Susan Meade and Jane Phillips Donaldson at JTF@PhillipsOppenheim.com.

*The John Templeton Foundation is an Equal Opportunity Employer.*
The University of Texas at Austin’s Marine Science Institute and Department of Marine Science invite applications for a tenure-track/tenured ASSISTANT or ASSOCIATE PROFESSOR (outstanding applicants at the rank of FULL PROFESSOR will also be considered) based at the Marine Science Institute in Port Aransas, Texas. We seek an experimentalist who will study physiological processes in juvenile, larval, or adult marine fishes of commercial or recreational importance using molecular techniques to investigate basic questions of growth, condition, nutrition, or reproduction. We seek candidates who would benefit from excellent fish culture facilities at our Fisheries and Mariculture Laboratory.

Details of the position, the Institute, and application procedure are available at website: http://www.utmsi.utexas.edu/hr and http://facultyjobs.utexas.edu.

The University of Texas at Austin values diversity and is committed to Affirmative Action and Equal Opportunity. Women and minority candidates are encouraged to apply. Background check conducted on applicant selected.

ASSISTANT/ASSOCIATE PROFESSOR in the Anatomical Sciences

University of North Texas Health Science Center

The Department of Cell Biology and Anatomy at the University of North Texas Health Science Center (UNTHSC) at Fort Worth invites applications for gross anatomists with a minimum of two to three years of teaching responsibilities in one or more of the following areas: medical human gross anatomy (cadaver-based) and neuroanatomy. The successful applicant must have a Ph.D., D.O., M.D., or equivalent degree and experience in teaching a clinically oriented human anatomy course with human cadaver dissection. The anatomical sciences at UNTHSC are team-taught, and the applicants will be expected to contribute to both lecture and laboratory instruction in these disciplines. Other teaching responsibilities may include lecture and laboratory instruction in the preclinical-based physician assistant (PA) human anatomy program, and/or didactic and laboratory instruction in gross anatomy and embryology. Current funding is not a requirement; however, candidates will be expected to develop a sustainable research program in clinical human anatomy, biomedical science/basic science, anatomical education, and/or science educational outreach programs. Candidates should apply and submit their curriculum vitae through the Human Resource Services online applicant tracking system at website: http://www.unthscjobs.com. For more information about the search, university positions, the Anatomical Sciences and the Department of Cell Biology and Anatomy, visit website: http://www.unt.edu/departments/cellbiologyandanatomy/.

The University of North Texas Health Science Center, 3500 Camp Bowie Boulevard, Fort Worth, TX 76107.

The University of North Texas Health Science Center at Fort Worth is an Equal Opportunity/Affirmative Action Institution.

TWO TENURE-TRACK ASSISTANT PROFESSORS

Developmental Biology and Animal Biology

Applications are encouraged from candidates with a Doctorate and at least two years of research experience past the Doctorate in either (1) developmental biology or (2) animal biology. Successful candidates are expected to participate in undergraduate and graduate teaching and to develop an active research program at the University of Northern Colorado. For details see website: http://www.unco.edu/nhs/employment.

http://www.unco.edu/nhs/employment. html. To review this announcement and apply, log on to (c/o) e-mail: gregory.dekrey@unco.edu or (c/o) e-mail: stephen.mackessy@unco.edu. Review of applications begins January 10, 2010, and will continue until the positions are filled.

UNC is an Affirmative Action/Equal Opportunity Employer.

TRANSLATIONAL GENETICS FACULTY

University of Washington Department of Medicine

Division of Medical Genetics

The University of Washington invites applicants for full-time faculty positions at the rank of ASSISTANT, ASSOCIATE, or full PROFESSOR in the Division of Medical Genetics at the Department of Medicine. Successful candidates will have an M.D. and/or Ph.D. and will be expected to carry out a research program in translational genomics. Candidates with a strong research background involving the identification and characterization of disease genes, or the application of genetic/genomic information toward the diagnosis or treatment of human disease, are especially encouraged to apply. Successful candidates will have opportunities to collaborate with other outstanding members of the faculty, and will have access to state-of-the-art research facilities and clinical research programs. The positions will remain open until filled.

Electronically send curriculum vitae to: Medical Genetics Faculty Search c/o Sara Eissner, University of Washington, Division of Medical Genetics. e-mail: scisener@uwashington.edu.

University of Washington faculty engage in teaching, research, and service.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans.

SMITHSONIAN INSTITUTION FELLOWSHIP PROGRAM

GRADUATE STUDENT, PREDOCTORAL, POSTDOCTORAL, AND DCTR FELLOWSHIPS in animal behavior, ecology, and environmental science, including an emphasis on the tropics; Earth sciences and paleobiology; evolutionary and systematics, and biogeography. Fellows spend at least a year at the Smithsonian Institution in Washington, D.C., and the length of the fellowship ranges from three months to three years. The annual stipend is $24,000. Fellows are eligible for renewal and for a second fellowship of up to two years. A continuing stipend of $12,000 is available to fellows who remain in residence at the Smithsonian facilities. Stipends and tenure vary. Awards are contingent upon the availability of funds.

Deadline: January 15 annually. Contact: Office of Fellowship Programs, Smithsonian Institution, Dept. D, P.O. Box 37012, L’Enfant 7102 MRC 902, Washington, DC 20031-7012. Telephone 202-633-7070. e-mail: siof@si.edu; website: http://www.si.edu/research-study/

An Equal Opportunity Employer.
BODOSSAKI FOUNDATION

ANNOUNCEMENT

Applications are invited for four (4) post-doctoral scholarships established by the Bodossaki Foundation in memory of “Stamatis G. Mantzavinos” in Biomedical Sciences for the academic year 2010-2011 in the following fields:
1. IMMUNOBIOLOGY
2. GENETICS
3. CARCINOGENESIS
4. NEUROSCIENCES
5. PHARMACOLOGY

Scholarships will be offered to applicants of Greek nationality, parentage or descent. Applications’ deadline: 30th November 2009.

The full-length announcement (Greek version) can be obtained from the following link: http://www.bodossaki.gr. Applicants can also find a full-length announcement from the foundation’s Secretariat at 23A Vas. Sofias Av., 3rd floor, Athens, 10674 during week days from 10 a.m. to 12 p.m.

For further information please contact: +30210/3237-973 and +30210/323-7804.
ASSISTANT PROFESSOR. The University of Nebraska Medical Center (UNMC) College of Dentistry, Department of Oral Biology, Nebraska Center for Cellular Signaling, invites applications for a tenure-track faculty position available July 1, 2010. The successful candidate is expected to establish a strong, externally funded research program in cell signaling aspects of cancer biology. Superb opportunities for research are available. UNMC Department of Oral Biology expands its research programs. Applicants with a research focus compatible with NCCS interests are encouraged to apply. Ph.D. or equivalent degree and postdoctoral experience required. Promotion to a faculty position will continue until the position is filled. Applications are being accepted online at website: jobs.unmc.edu, position #3787. The University of Nebraska Medical Center is an Equal Opportunity/Affirmative Action Employer.

AQUATIC ECLOGIST
The Department of Biology, Loyola University Chicago, invites applications for a tenured-track position in aquatic ecology at the ASSISTANT PROFESSOR level, beginning August 2010. Preference given to candidates who concur with the Department of Biology's commitment to achieving full representation and advancing diversity. The successful candidate must have a Ph.D. and postdoctoral experience and will be expected to establish a vigorous, externally funded research program involving undergraduates and M.S. students. Teaching responsibilities include general ecology, an advanced course in the candidate’s area of specialization, or general biology. Candidates should complete the application in full at http://www.careers.luc.edu with cover letter, curriculum vitae, research plan, teaching philosophy statement, and letters from three references. Pending final funding, review of applications will begin on November 20, 2009, 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, 1030 N. Western Avenue, Chicago, IL 60660. Loyola University Chicago is an Affirmative Action/Equal Opportunity Employer, and strives for diversity in its faculty, students, and staff; underrepresented minorities are particularly encouraged to apply.

EXPERIMENTAL PLANT ECLOGIST
Tenure-track ASSISTANT PROFESSOR position available August 2010. Earned Doctorate in ecology, botany, or related discipline; research addressing plant responses to global climate change. Successful applicant must be qualified to teach field botany, introductory biology laboratories, and a variety of upper division courses in ecology. Candidate is expected to develop an active, externally funded research program involving graduate and/or undergraduate students. Finalists must successfully complete interview process and teaching demonstration. Mail one hard copy of all official university transcripts, statements of teaching and research philosophy, and curriculum vitae to: Department of Biology, 1030 N. Western Ave., Chicago, IL 60660. Fax: 847-624-8758. Loyola University Chicago is an Affirmative Action/Equal Opportunity Employer, and strives for diversity in its faculty, students, and staff; underrepresented minorities are particularly encouraged to apply.

PROTEOMICS
LOYOLA UNIVERSITY CHICAGO
The Departments of Biology and Chemistry at Loyola University Chicago invite applications for a joint position in proteomics at the ASSISTANT PROFESSOR level, beginning in August 2010. Applicants from all areas of proteomics will be considered, but preference will be given to candidates whose research focus would engender collaboration with existing faculty. A Ph.D. in biology (or appropriate subdiscipline), chemistry, or biochemistry is required, as is relevant postdoctoral experience. The successful candidate is expected to maintain an internationally competitive, externally funded research program involving undergraduate, M.S., and Ph.D. students, and to participate in the ongoing development of interdisciplinary research projects advanced by the program. Teaching responsibilities include proteomics, molecular biology, and a graduate level seminar in the appointee’s area of expertise. The candidate will join the 20-member faculty in the interdisciplinary Bioinformatics B.S. degree program that was launched in 2005. Applicants should complete the online application in full by going to website: http://www.careers.luc.edu. Pending final funding, review of applications will begin on December 15, 2009, and continue until the position is filled. Information about the Biology and Chemistry Departments and the Bioinformatics Program are available at website: http://www.luc.edu/biology, http://www.luc.edu/chemistry, and http://www.luc.edu/bioinformatics. Loyola University Chicago is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE position available at VA New York Medical Center for an ELECTROPHYSIOLOGIST. Candidate must have extensive experience with electrophysiology and patch clamp techniques. Additional experience with cell transfection, confocal and calcium imaging is desired. Send statement of interest, curriculum vitae, and three letters of reference to: Dr. Mohamed Boudjdir, e-mail: mohamed.boudjdir@va.gov.

POSTDOCTORAL FELLOWS
The laboratory of Donal G. Sinex (e-mail: don.sinex@usu.edu) at Utah State University seeks two Postdoctoral Fellows to participate in computational and psychophysical studies of the processing of complex sounds and speech. The emphasis will be on understanding the perception of competing sounds, including the identification of speech in the presence of noise. Both positions are available immediately and will be supported by American Recovery and Reinvestment Act funding for two years. Ph.D. or equivalent in psychology, neuroscience, engineering, or a related field is required. See website: http://jobs.usu.edu (requisition #051877 and #051878) for full job descriptions and to apply online. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS IN BIOMOLECULAR NETWORKS
Two NIH-funded Postdoctoral positions are available to work on the role of accessory proteins of G protein-coupled receptor signaling and trafficking. For examples of recent projects, see: J. Biol. Chem. 282:5899-5906, 2007. One position is for a candidate with experience in cell biological techniques including confocal/fluorescence resonance energy transfer microscopy, protein-protein interactions, and basic molecular biology. The second position is for a candidate with expertise in culture of cardiac/myocardial cells from newborn rats or transgenic mice, genotyping, and relevant molecular cardiovascular techniques. Please forward a cover letter, curriculum vitae, and the names of three references to: Sulaiman Bahouth, Ph.D., The University of Tennessee Health Science Center, Department of Pharmacology, 874 Union Avenue, Memphis, TN 38163. Or e-mail: sbahouth@uthsc.edu

The University of Tennessee is an Affirmative Action, Equal Opportunity Employer.