POSTDOCTORAL OPPORTUNITIES

Vanderbilt University Medical Center

POSTDOCTORAL POSITIONS

Vanderbilt Center for Human Genetics Research

The Center for Human Genetics Research (CHGR) at Vanderbilt University has immediate openings for seven Postdoctoral Fellows to pursue new and exciting research in human genetics using both human and model systems. The successful candidates will have a Ph.D. degree (or equivalent) in genetics, human genetics, molecular genetics, epidemiology, computational biology, bioinformatics, biostatistics, or related field. Successful candidates will work as part of established research teams in the following areas: (1) statistical and computational genetics (Marylyn Ritchie, Chun Li); (2) genetic epidemiology and bioinformatics (Dana Crawford, Marylyn Ritchie, and Jonathan Haines); (3) mitochondrial genetics (Jeff Center, Debbie Murdock); and (4) mouse models (including quantitative trait analysis) of human disease (Michelle Southard-Smith).

The CHGR is an interdisciplinary center with over 40 faculty representing numerous clinical and basic science departments. It has a highly interactive research program organized into three thematic programs: Disease Gene Discovery, Computational Genomics, and Translational Genetics. The CHGR has substantial core facilities for family and patient ascertainment, DNA banking, genotyping, and sequencing; and computational genomics, data management, and data analysis. It occupies over 14,000 square feet of newly appointed wet and dry laboratory space. The CHGR faculty and staff enjoy the substantial benefits of the collaborative Vanderbilt atmosphere. More information about the specific CHGR Postdoctoral positions can be found at website: http://chgr.mc.vanderbilt.edu/chgr-careers/postdoc.

Interested candidates should forward their curriculum vitae and at least two letters of recommendation no later than November 1, 2008. In a cover letter, candidates should specify their postdoctoral area of interest. All materials should be sent to:

Postdoctoral Search Committee
Center for Human Genetics Research
c/o Maria Comer
519 Light Hall
Vanderbilt University Medical Center
Nashville, TN 37232-0700
E-mail: recruiting@chgr.mc.vanderbilt.edu
Telephone: 615-322-7909
Fax: 615-322-1483

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Science Careers
From the journal Science
AAAS
The Bill & Melinda Gates Foundation seeks novel ideas from innovative thinkers to solve the greatest challenges in global health.

As part of our Grand Challenges Explorations initiative, we will award grants multiple times per year at approximately $100,000 each. Additional funding of $1 million or more is available for projects that show promise.

Proposals will be accepted September 2 through November 2, 2008.

Visit www.gcgh.org/explorations for round 2 topics and complete application details.
THE POSTDOC EXPERIENCE: NOT ALWAYS WHAT YOU EXPECT

“A great mentor, an encouraging lab environment, and exciting science...”
“A learning opportunity for you to grow as a scientist...”
“A period of work that allows you to finish with quality publications, having made lots of contacts in the field, formed collaborations, and started forming an independent body of research...”

These statements describe what a successful postdoctoral experience should provide, according to respondents to a recent survey by Science Careers. But how can you ensure you get what you want out of your postdoc? And what happens if things don’t turn out as planned? By Laura Bonetta

“What was really important to me in choosing a postdoc was that I was really interested in the research going on in the lab and I knew I could do really good science there,” says Renald Schaub, a research associate at the School of Chemistry of the University of St. Andrews in Scotland. But Schaub chose the laboratory of someone who not only had strong scientific credentials but was also supportive of the people working for him. “I went to Denmark for two days to interview, and right away I could tell he was a really good guy,” he says of his former postdoctoral adviser Flemming Besenbacher, head of the Interdisciplinary Nanoscience Center (iNANO) at the University of Århus in Denmark.

Besenbacher’s support turned out to be particularly critical when Schaub started looking for a job. “A year and a half before I decided I would end my postdoc I started to send out job applications in Europe and in the States. I had no positive responses even though I already had two Science papers by then,” says Schaub. That’s when Schaub decided to ask Besenbacher for help. His adviser wrote reference letters and suggested colleagues Schaub could contact at various institutions. “He knew someone in the department where I eventually got my position,” says Schaub.

A Successful Postdoctoral Experience
Schaub was one of close to 4,000 current or former postdocs polled in this year’s survey (see “Survey Methodology”). Almost all survey participants agreed that the research topic (88 percent), good publication prospects (78 percent), and principal investigator (PI, 78 percent) had the greatest influence in their choosing of a postdoctoral position. The institution/company came in at a lowly 57 percent.

When asked about the importance of various factors in contributing to a successful postdoctoral experience, most survey respondents considered certain attributes of the PI as key (see graph on p1230). Top of the list (63 percent of respondents rated this as very important) was the scientific standing—defined as publishing in leading journals, having strong contacts, and being a recognized leader. Many respondents thought it was also very important for the supervisor to have direction and vision for their research (57 percent); to provide opportunities to attend scientific meetings and meet other researchers (56 percent), and to provide or assist in obtaining the financial resources needed to conduct their research (56 percent).

Doing a postdoc in a lab where she was not free to set up collaborations or attend scientific meetings to talk about her work eventually steered former postdoc Anna Webb away from research. “You need to make connections and gain a certain level of independence during your postdoc if you are going to have a career in academic research,” she says. Webb gave up the bench for a position at BiomedCentral, a UK-based publisher of open-access scientific journals—a job that allows her to interact closely with scientists and learn about their work on a daily basis. “I don’t regret doing a postdoc. I learned a lot and I always enjoyed the science,” she says. “I ended up in a job I really enjoy, which I wouldn’t have a chance of doing without my scientific experience.”

What About Communication?
Last year’s Science Careers survey polled not postdocs but their supervisors. continued »
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 2009-2010 Senior Fellowship program. STEP will award fellowships accompanied by one-half year support at full salary or full year at half salary to eligible, distinguished faculty, scholars and practitioners. These awards are designed to promote advanced research at the science/policy interface in any of these areas: global climate change, global environmental governance, energy policy, air pollution, conservation biology and ecology, bioethics and biotechnology, environmental health and disease, environmental economics, science and security policy, and information security. We seek candidates whose interests complement those of STEP faculty. Outstanding faculty, independent scholars, and practitioners anywhere in the world are eligible to apply. The fellows program is open to all regardless of citizenship.

STEP fellows will have the opportunity to interact and collaborate with STEP faculty, other fellows, researchers and students and to participate in the various activities of the STEP program including faculty graduate seminars, colloquia, and public lectures. As part of the fellowship experience, STEP fellows will be involved in some of the following activities: participation on a university sponsored research project, collaboration with STEP faculty on projects of mutual interest, attendance at STEP seminars, and participation in meetings with STEP students, faculty, and postdocs.

Salaries vary according to individual circumstances, but will not exceed a maximum that is set each fall. Rank is contingent upon qualifications. Applicants not on leave from other positions will be eligible for employee benefits; others will be eligible for health insurance only. Applicants interested in teaching a seminar at Princeton University during their visit should so indicate.

Applicants should send a CV and cover letter (no more than 1,000 words) describing their proposed activities while at Princeton. On a separate sheet of paper, applicants should submit a confidential statement indicating (1) their salaries (not including summer research support) for the current academic year and (2) financial support available to them from their home institutions, other grantsors, and any other sources during their time at Princeton. Send all materials via email to Charles Crosby at ccrosby@princeton.edu. The review process will begin immediately and continue until positions are filled.

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 2009-2010 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 in the broad areas of global climate change, air pollution, energy policy, global environmental governance, conservation biology and ecology, bioethics and biotechnology, environmental health and disease, environmental economics, science and security policy, and information security. 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 email to Charles Crosby at ccrosby@princeton.edu. Applicants are advised to identify and contact a potential STEP faculty mentor prior to applying. 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/dof/ApplicantsInfo.htm. Candidates may choose to complete the “Invitation to Self-Identify” form http://web.princeton.edu/sites/dof/forms/SoftSelfID.pdf. Providing the self-identification information is completely voluntary and declining to submit the information will not adversely affect your candidacy.

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They ranked communication and mentoring as very important in contributing to a successful postdoctoral experience (dx.doi.org/10.1126/science.opms.r0700037). Interestingly, these factors were not ranked highly by the postdocs surveyed this year—with mentoring coming in at No. 5 (51 percent of respondents ranked this as very important) and communication at No. 9 (35 percent) in a list of 10 factors.

But it is hard to argue against the value of good and open communication between a postdoc and his or her adviser. Now in the fourth year of a postdoctoral position at the University of Colorado in Boulder, Sandi Clement says communication was difficult when she first started out in the lab of Jens Lykke-Andersen. “When I first started I was intimidated and did not communicate as much as I do now,” she says. One tool she thinks would have been helpful is the individual development plan offered by the Federal American Societies for Experimental Biology. “It makes you ask questions like: This is where I want to be in 5 years so what do I need to accomplish? Or, this is what you wanted to accomplish this year, why didn’t you?” explains Clement.

Clement says Lykke-Andersen turned out to be a “great mentor” and contributed to “an awesome experience.” But she may be in the minority. Only 62 percent of survey participants had someone they would describe as a mentor during their postdoctoral years, and for only half of them that person was the PI of the lab. “A postdoc is a mentored apprenticeship into the job market. The person you are working with should be helping you along. But if the person who hired you turns out not to be a mentor, you need to seek out other people,” says Alyson Reed, former executive director for the National Postdoctoral Association (NPA).

David Angelini, a postdoctoral fellow pursuing research into the developmental and genetic aspects of evolution (or “evo-devo”) at the University of Connecticut, agrees. “I think it is important to have a mentor during your postdoctoral years. It does not necessarily have to be your PI. In graduate school I was in a large lab, so there were lots of postdocs and others who could give me advice,” he says. “As a postdoc I relied more on my supervisor.”

And for people looking for a postdoctoral position Angelini, who in September 2008 will be starting a faculty position at American University in Washington, D.C., has this advice: “Find an environment where you can talk to someone about how your career is going and the execution of science.”

The Good and the Bad
According to verbatim responses from this year’s survey respondents, some of the best things about the postdoc experience are having the independence and freedom to choose research projects and schedules, learning new techniques, and interacting with other colleagues. The worst things about it, for some, were poor relationships with their supervisors and low salary and job security, as well as the lack of independence for postdocs with controlling advisers.

Laura Colgin was one of the lucky ones. During her Ph.D. she had been studying how rhythms are involved in the function of the brain using tissue slices. For her postdoc she wanted to continue with the same line of research but with recordings in living animals—a technique she had never done. At a scientific meeting, Colgin approached Edvard and May-Britt Moser from the Norwegian University of Science and Technology. Although the Mosers’ research did not focus on rhythms, she proposed starting that work in their lab if they were willing to train her in doing live recordings. “They were open to it and that is how the position worked out,” says Colgin. “If someone is willing to put in a time investment to teach you something new they will probably be a good adviser. Many postdocs get their positions because the lab wants their existing skills instead of providing them with additional scientific training.”

Salary Woes
Some of the biggest hardships for many postdocs are low salaries and lack of retirement benefits. According to this year’s Science Careers survey only 15 percent of respondents received benefits—53 percent received no benefits and worried about a negative impact on their long-term retirement situation, whereas the remaining 32 percent did not receive benefits but were neutral about the impact.

Had she had some retirement funding, Michele Marquette might have extended by a year or two her postdoctoral studies at the University of Science and Technology. Although the Mosers’ research did not focus on rhythms, she proposed starting that work in their lab if they were willing to train her in doing live recordings. “They were open to it and that is how the position worked out,” says Colgin. “If someone is willing to put in a time investment to teach you something new they will probably be a good adviser. Many postdocs get their positions because the lab wants their existing skills instead of providing them with additional scientific training.”

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A postdoctoral position is available immediately in the laboratories of Dr. Nicholas E. Goeders in the Department of Pharmacology, Toxicology & Neuroscience at the LSU Health Sciences Center in Shreveport. This position will be part of a team investigating the neurobiology of stress and addiction, with special emphasis on the brain mechanisms involved in drug craving and drug seeking. Applicants should have training in behavioral pharmacology or neuroscience, and experience using in vivo microdialysis is a prerequisite for this position. Salary will be $28,000-$51,036 depending on experience. Applications should include a CV, a list of publications and the names of references familiar with the applicant’s work.

Nicholas E. Goeders, Ph.D.
Professor and Head
Department of Pharmacology, Toxicology, & Neuroscience
LSU Health Sciences Center
P.O. Box 33932
Shreveport, LA 71130-3932
NGOEDE@LSUHSC.EDU
www.sh.lsuhsc.edu
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$40,000, which was an increase of just over 5 percent compared to the 2006 survey. The median salary of foreign postdocs was £27,500 in the UK and €25,200 in continental Europe.

Andrea Ditadi at the University of Padua, Italy, had to live on no salary for several months into his postdoc. “I was not paid for three months. That was a critical situation. You cannot go three months without money,” he says. “I was lucky because I live close to my parents.”

After working in France for three years Ditadi decided to do a postdoc in Italy “to try to stay and do something for my country,” he says. But a year into his postdoc, he is frustrated by not being able to obtain the resources he needs to carry out his research. He has decided to look for postdoctoral positions abroad.

Expectations Versus Reality
Although only 2 percent of survey participants had done a postdoc in industry, many of those who did say this is a good option for anyone thinking about a career in industry and wanting to get a head start (see June 16 career feature at dx.doi.org/10.1126/science.opms.r0800055). Industry can also expose a postdoc to different aspects of doing science, according to Christopher Campion, director of the chemistry department at HF Scientific in Fort Myers, Florida. While working on his Ph.D. in physical organic chemistry at the University of Rhode Island, Campion had the opportunity to do an internship at Lithion, Inc., in Pawcatuck, Connecticut, which then turned into a postdoctoral fellowship. “My experience was different from the typical postdocs that only focus on one entity. I was working on multiple projects. I helped set up a lab, bought instruments, learned about applying for grants,” says Campion. “One of the many good things about my postdoctoral adviser is that there were not being taboo subjects. I came out a more diversified and well-rounded scientist.”

The majority of survey respondents (79 percent) held postdoctoral positions in academic institutions—and they expected to get a job in academia. Over half (56 percent) of former postdocs wanted a tenure-track academic position after completing their postdocs, but only 30 percent got one (see graph above). Only 16 percent of former postdocs expected to seek nontenure-track research scientist positions, but 25 percent ended up in such posts. And a significant number of former postdocs (12 percent of respondents) who were expecting to obtain tenure-track positions ended up working in government or the nonprofit research sector, being self-employed, or working with other types of positions. These data should be a wake-up call to grad students and postdocs: having a backup plan is essential in today’s job market.

Anna Davis knows that life can take unusual twists and turns. While doing a postdoc at the University of Washington in Seattle she started her family and wanted to explore different options for working part time. She and several colleagues wrote a grant with her postdoctoral adviser and got funding from the National Science Foundation for six years to produce educational software called NerveWorks, which is now commercially available (www.ecobeaker.com/products-college/NerveWorks).

After her Ph.D. in molecular and environmental toxicology at the University of Wisconsin Lisa Van Pay started a postdoc at Harvard University needing to “publish a lot and quickly.” But she also started doing other things during her postdoctoral years, including working with the public at science and technology museums. When the needed publications did not come through, she applied for a prestigious public policy fellowship at the American Association for the Advancement of Science. In September she will be starting a one-year fellowship in Washington, D.C., with the possibility of a renewal. “I am really pleased at how things turned out, but I could not have predicted it,” says Van Pay.

Former and current postdocs advise graduate students planning their postdocs to do their research on the prospective lab and PI. A literature search is a good start, but it also helps to query colleagues, current and former lab members, and of course the PI. Many survey participants also suggest having a well-laid-out timeline of accomplishments for the postdoctoral years. And while someone might start out wanting a career in academia, it pays to be open to other paths. “You have to continually assess your goals,” says Van Pay. “Often people don’t pay attention, and it could be several years before they realize that things are not going according to plan.”

Laura Bonetta is a scientist turned freelance writer based in the Washington, D.C., area.

DOI: 10.1126/science.opms.r0800058
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Lawrence Postdoctoral Fellowship

The Lawrence Livermore National Laboratory (LLNL) has openings available under its Lawrence Fellowship Program. This is a highly desirable, prestigious postdoctoral position with ample resources and freedom to conduct cutting-edge research in a field of the candidate’s choice. The duration of the Fellowship is up to three years. Typically two to four openings are available each year. Fellowships are awarded only to candidates with exceptional talent, credentials and a track record of research accomplishments.

Candidates will do original research in one or more aspects of science relevant to the mission and goals of LLNL which include: Physics, Applied Mathematics, Computer Science, Chemistry, Material Science, Engineering, Environmental Science, Atmospheric Science, Geology, Energy, Lasers and Biology. Successful candidates may participate in experimental or theoretical work at LLNL, and will have access to LLNL’s extensive computing facilities, specialized laboratory facilities and field equipment. A senior scientist will serve as a mentor to each of the Fellows. The candidates will receive full management and administrative support. The first year salary is $8,092/mo.

Please refer to our web page https://fellowship.llnl.gov for eligibility requirements and instructions on how to apply. When applying and prompted, please mention where you saw this ad. The deadline for application is November 3, 2008. LLNL is operated by the Lawrence Livermore National Security, LLC, for the U.S. Department of Energy, National Nuclear Security Administration. We are an equal opportunity employer with a commitment to workforce diversity.

https://fellowship.llnl.gov

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RESEARCH FELLOWSHIPS

Cell growth control

Pre- and Post-doctoral positions are available to study the molecular mechanisms controlling cell growth, metabolism and tumourigenesis by the mTOR pathway (Nat. Cell Biol., 7, 286; Cell Metabolism, 5, 476-487). Approaches of cellular and molecular biology, mouse/human genetics and functional genomics will be carried out. Fellowships are available from a European Research Council starting grant.

Applications including a CV and the names of three referees should be sent to:

Mario Pende,
Inserm U845,
156 rue de Vaugirard,
75015 Paris, France
or e-mail: mario.pende@inserm.fr

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Postdoctoral Positions
Department of Pharmacology

The University of Michigan, Department of Pharmacology is seeking outstanding recent graduates for open postdoctoral positions with experience in cellular electrophysiology to study: (1) the role of ion channels and fuel metabolism in insulin secretion from pancreatic islets and diabetes; or (2) Modulation of excitatory synaptic transmission by mechanical trauma in cultured cortical neurons. Candidates should be highly motivated with a Ph.D., or M.D. degree in a relevant discipline, experience in patch clamping, intracellular recording, cell culture, and immuno histochemistry and/or western blotting. Publication record in the English language, peer-reviewed journals and strong verbal and written communication skills are essential.

Please send application materials: cover letter (including a statement of past accomplishments and research interest), CV and contact information for 3 references electronically to: Dr. Les Satin, (lsatin@umich.edu).

The University of Michigan is an Affirmative Action/Equal Opportunity Employer. Applications from qualified women, minorities and/or disabled individuals are encouraged.
POSTDOCTORAL OPPORTUNITIES

POSTDOCTORAL POSITION
Radiation Oncology

Postdoctoral position available in the Radiation Oncology Laboratories working as part of a larger inter-disciplinary DNA damage and repair research group.

This project will investigate molecular mechanisms that control DNA damage and repair of DNA double strand breaks in chronic myeloid leukemia (CML) cells, with a focus on leukemic stem cells. This project will involve the use of upregulated repair pathways using small molecule inhibitors, for possible use in treating CML patients.

We are seeking highly motivated and ambitious candidates with a Ph.D. in life sciences. The most likely successful candidate will have excellent experience in molecular and cellular biology and biochemistry. Experience with tissue culture, hematopoietic stem cell isolation and assays, molecular biology, and biochemical techniques are required. Preference will be given to applicants with expertise in DNA repair assays, immunocytochemistry, fluorescence in situ hybridization, and mouse handling and dissection.

To apply, or for additional information, please contact:

Fey Rassool, Ph.D.
(E-mail: frsool@som.umaryland.edu)
Associate Professor
University of Maryland School of Medicine
655 W. Baltimore Street
Baltimore, MD 21201

Applications, which will be accepted until September 17, 2008, should include current curriculum vitae, the names and addresses (including e-mail) of two individuals who could provide detailed letters of recommendation, and a one to two-page statement summarizing the applicant’s relevant experience and research interests.

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developing new algorithms and applications, and biomedical Informatics: research and publication.

treatment, informatics infrastructure development, SNP typing, background in cardiovascular and proteomics. Positions are currently being developed.

The incumbent will also be involved in research facilities in the world, analyzes samples at the cellular and molecular level to identify DNA, RNA and proteins that cause disease so that new diagnostics and therapeutics, as well as disease management protocols, can be developed. Applications are currently being accepted for the following Post Doctoral Fellowship positions:

Integrative Cardiac and Metabolic Health Program: Responsible for studying the molecular biology of cardiovascular disease and breast cancer. Requires PhD, MD, or equivalent degree, experience with array-based gene expression and SNP typing, background in cardiovascular or breast cancer biology, and a strong record of research and publication.

Biomedical Informatics: Responsible for developing new algorithms and applications, and applying currently available ones to the analysis and mining of the data collected or generated from our clinical, genomic, and proteomic platforms. The incumbent will also be involved in biomedical informatics infrastructure development, experimental design, and development of new research projects.

Interested applicants should send a letter of interest indicating the position they are applying for, salary requirements, resume, and the names of three references to: Human Resources Director, Windber Research Institute, 620 Seventeenth Street, Windber PA, USA; or by email to careers@wriwindber.org. Only short listed candidates will be contacted for an interview.

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**Post-Doctoral Fellowships**

**Oncogenic Signals and Chromosome Biology**

**UCDAVIS CANCER CENTER**

This fellowship program has developed from a general interest in cellular responses and signal pathways integrating both responses to the cellular environment mediated by cell surface receptors and to signals initiated inside of the cell nucleus such as damage to DNA. While diverse in nature, these signals are often inseparable and interconnected by kinases and cascades of phosphorylation. The majority of the research projects among mentors in the OSCB Fellowship Program involve detailed mechanistic studies in vitro which complement in vivo studies using animal models. A broad range of Mentors is drawn from the UC Davis cancer research community. Funded by NCI, the program supports four postdoctoral fellows annually for a maximum of two years.

Complete information about mentors and the online application are found at: http://postdocapp.ucdmc.ucdavis.edu/

Questions? cancer.center@ucdmc.ucdavis.edu

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**Postdoctoral Research Awards**

**Senior Research Awards**

**Summer Faculty Fellowships**

**Davies Teaching Fellowships**

offered for research at US government laboratories

Opportunities for postdoctoral and senior research in all areas of science and engineering

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- Relocation, professional travel, health insurance
- Annual application deadlines Feb. 1, May 1, Aug. 1, Nov. 1
- Many opportunities available to non-US as well as US citizens

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

Applicants must initiate dialogue with prospective Advisors at the Lab as early as possible, before their anticipated 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.

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**Research Associateship Program**

**Postgraduate Research Awards**

**Research Training Fellowships**

**Teaching Fellowships**

**Summer Faculty Fellowships**

**Davies Teaching Fellowships**

Opportunities for postdoctoral and senior research in all areas of science and engineering

- Awards for independent research at approximately 100 participating laboratory locations
- 12-month awards renewable for up to 3 years
- Annual stipend $41,000 to $70,000 - higher for senior researchers
- Relocation, professional travel, health insurance
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- Many opportunities available to non-US as well as US citizens

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

Applicants must initiate dialogue with prospective Advisors at the Lab as early as possible, before their anticipated 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.

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**Equal Opportunity/Affirmative Action Employer.**

Science Careers

online@sciencecareers.org

**POSTDOCTORAL OPPORTUNITIES**
POSTDOCTORAL OPPORTUNITIES

POSTDOCTORAL OPPORTUNITIES

The METHODIST HOSPITAL RESEARCH INSTITUTE
WEILL CORNELL MEDICAL COLLEGE

Imaging chemistry laboratories in Radiology Department develop novel contrast agents for clinical imaging and molecular imaging. Ongoing research covers cancer, cardiovascular disease, infectious disease, and aging. DIRECTOR of RADIOCHEMISTRY is needed to overlook good manufacturing practice (GMP) and nonGMP synthesis of PET agents for clinical and research imaging studies. Prior experience in cyclotron production and operation is required. POSTDOCTORAL POSITIONS in peptide design and synthesis, bioconjugation, bio-polymer, and nanomedicine are available. Also available are Postdoctoral positions in therapeutic ultrasound, hyperthermia, and drug delivery. To apply, please e-mail curriculum vitae and contact information of three references to: Dr. Ching H. Tung, The Methodist Hospital Research Institute, Weill Cornell Medical College, 6565 Fannin Street, #B222, Houston, TX 77030; e-mail: ctung@mhhs.org.

POSTDOCTORAL OPPORTUNITIES

POSITIONS POSTDOCTORAL FELLOWS
Harvard University

The six Environmental Fellows at Harvard University who will start work in September 2009, will be outstanding scholars with a Doctorate in any field and a research interest in the environment. Each Fellow will work with a host faculty member in the host’s laboratory or office. Excellent salary and benefits. Apply by January 15, 2009. Details at website: http://www.environment.harvard.edu. Harvard is an Equal Opportunity, Affirmative Action Employer.

POSTDOCTORAL TRAINING POSITION

POSTDOCTORAL TRAINING POSITION available immediately in the Environmental Protection Agency’s National Center for Computational Toxology research laboratories (website: http://www.cpa.gov/NCT/) on computational systems biology: molecular and cellular pathway models of toxicity. Must hold Ph.D. in computational biology, computational physiology, computer science, engineering or a closely related field, and must be U.S. citizen or permanent resident (green card). Contact Dr. L.M. Ball, Department of Environmental Sciences and Engineering (DESE), University of North Carolina, Chapel Hill; telephone: 919-966-7306; e-mail: lmball@unc.edu.

BRIGHAM AND WOMEN’S HOSPITAL/ HARVARD MEDICAL SCHOOL

A POSTDOCTORAL POSITION is available to pursue functional characterization of N ethyl nitro-sourea-induced mouse mutations affecting organogenesis and brain development. Genetics, neurobiology, or developmental biology background preferred. Please forward curriculum vitae and the names of three references to: David Beier, M.D., Ph.D., Brigham and Women’s Hospital Genetics Division/Harvard Medical School, 77 Avenue Louis Pasteur, Boston, MA 02115. E-mail: beier@receptor.med.harvard.edu.

STANFORD UNIVERSITY

POSTDOCTORAL FELLOW POSITION available to study autoimmunity in mouse models at Stanford University. Animal experience and a background in immunology is required. Send curriculum vitae with three references to: mellins@stanford.edu.

HARVARD MEDICAL SCHOOL

POSTDOCTORAL POSITION available to study the molecular and cellular basis of synaptic dysfunction and cell death in neurodegenerative diseases. Recent Ph.D.s with strong background in synaptic physiology, imaging, amperometry/voltammetry, or molecular biology are encouraged to apply. Send curriculum vitae to Dr. Jie Shen (website: http://www.shenlab.net) at e-mail: jshen@rics.bwh.harvard.edu.
BIOLOGICAL SCIENCES SCHOLARS PROGRAM

For Junior, Tenure-Track Faculty

The University of Michigan announces recruitment for the Biological Sciences Scholars Program (BSSP) to continue to enhance its investigational strengths in the life sciences research programs.

Now entering its 12th year, this Program has led to the recruitment of outstanding young scientists in the areas of genetics, microbiology, immunology, virology, structural biology, pharmacology, biochemistry, molecular pharmacology, stem cell biology, cancer biology, physiology, cell and developmental biology, and the neurosciences. The Program seeks individuals with PhD, MD, or MD/PhD degrees, at least two years of postdoctoral research experience, and evidence of superlative scientific accomplishment and scholarly promise. Successful candidates will be expected to establish a vigorous, externally-funded research program, and to become leaders in departmental and program activities, including teaching at the medical, graduate, and/or undergraduate levels. Primary college and department affiliation will be determined by the applicant’s qualifications and by relevance of the applicant’s research program to departmental initiatives and focus. All faculty recruited via the BSSP will be appointed at the Assistant Professor level.

APPLICATION INSTRUCTIONS: Please apply to the Scholars Program through the BSSP website at: (http://www.med.umich.edu/medschool/research/bssp/). A curriculum vitae (including bibliography), a three-page research plan, an NIH biosketch, and three original letters of support should all be submitted through the BSSP website. More information about the Scholars Program, instructions for applicants and those submitting letters of recommendation, and how to contact us is located on the BSSP web site: (http://www.med.umich.edu/medschool/research/bssp/). The deadline for applications is Friday, October 24, 2008, 5:00 pm EDT.

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

Assistant/Associate Professor, Environmental Toxicology

We invite applications for a tenure-track position at the Assistant or Associate Professor level in Environmental Toxicology in animal models, including, but not limited to, ecotoxicology, environmental physiology and environmental effects assessment. We are interested in excellent applicants who hold a PhD and whose research involves the cellular/mechanistic aspects of environmental toxicology. The successful candidate should have a strong record of research and will be expected to develop collaborations within the context of the Alberta Ingenuity Water Institute, government agencies and industry. In addition, candidates should have a demonstrated potential for excellence in teaching. The University of Alberta offers a competitive salary commensurate with experience and an excellent benefits plan.

The Department of Biological Sciences (http://www.biology.ualberta.ca/), with 72 faculty members and 275 graduate students, offers an exciting environment for collaborative research. Exceptional infrastructure includes aquatics and controlled-environment facilities, departmental service units in molecular biology, microscopy/imaging, and environmental chemistry and access to field stations including Bamfield Marine Sciences Centre and Meaook field station.

Candidates should submit (preferably electronically to: positions@biology.ualberta.ca) a curriculum vitae, a one-page summary of research plans, a statement of teaching interests and reprints of their three most significant publications, and address this to:

Dr. Michael Caldwell, Chair,
Department of Biological Sciences
CW405 Biological Sciences Bldg
University of Alberta
Edmonton, AB T6G 2E9
Canada

Applicants must also arrange for three confidential letters of reference to be addressed to the Chair and sent electronically to positions@biology.ualberta.ca.

The deadline for applications is October 1, 2008. The effective date of employment will be on or after July 1, 2009.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

www.careers.ualberta.ca
PROGRAM DIRECTOR

NINDS is seeking outstanding scientists or physicians with distinguished records in basic, translational and/or clinical research to serve as Program Directors for the planning, evaluation, and administration of research on neuroscience and neurological disorders. This search is to fill two positions, one for basic, translational and clinical research on Epilepsy, and a second position for basic, translational and clinical research on Neurodegenerative Diseases such as Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, Amyotrophic Lateral Sclerosis, Frontotemporal Dementia, and Vascular Cognitive Impairment. Successful candidates will have a strong interest in transforming research in these areas by planning and implementing cutting edge research programs through active communication with the professional and lay communities, as well as program staff from other institutes and agencies. Experience in basic (genetic, cellular, circuit or systems level), translational (therapy or diagnostic development) and/or clinical research is highly desirable. This is an opportunity to join a highly interactive group of scientists and clinicians directing research in all areas of modern neuroscience and neurological disorders.

A Ph.D. and/or M.D. degree in a relevant field of biomedical science and appropriate experience is required. Physicians may be eligible for a Physician’s Comparability Allowance. A recruitment bonus of up to 25 percent may also be paid. Applications may be submitted beginning 08/22/2008 to 10/03/2008. Application instructions can be found at the USAJobs Web Site (http://www.usajobs.gov), by searching on Vacancy Announcement for Health Scientist Administrator GS 14 and 15, respectively: NINDS-08-285647-DE, NINDS-08-285667-DE or Medical Officer, GS 14 and 15, respectively: NINDS-08-285669-DH, NINDS-08-285671-DH. For further information about the application process, please contact Sharon Scott (scottsh@niai.nih.gov) at NIH Human Resources. For information concerning the nature of the job, please contact Dr. Emmeline Edwards (edwardse@mail.nih.gov).

Tenure Track Position for Prokaryotic Research

A tenure-track research position is available in the Laboratory of Molecular Biology (LMB), CCR, NCI for a scientist working in the field of prokaryotic biology. Candidates must have a Ph.D. and/or M.D. and a proven record of innovative research and productivity in bacterial pathogenesis or bacterial physiology, molecular biology, bacterial cell biology or systems biology using a prokaryotic system and/or bacteriophage biology. The successful candidate will join an active group of research staff in the LMB working on transcriptional and post-transcriptional regulatory mechanisms, proteolysis and protein folding, eukaryotic gene expression, and basic understanding and applied use of bacterial toxins and immunotoxins. Salary will be commensurate with education and research experience. Applicants should submit a CV, including bibliography, a two page statement of research interests, and three letters of recommendation forwarded to: Ms. Ann Schombert, Executive Secretary, Laboratory of Molecular Biology, CCR, NCI, Building 37, Room 5106, Bethesda, MD 20892-4264; phone: 301-451-8714, Fax: 301-402-1344, e-mail: schombert@pop.nic.nih.gov. Electronic applications are strongly preferred. This position is not restricted to U.S. citizens only. Applications must be postmarked by October 15, 2008.
TENURE-TRACK POSITIONS IN MOLECULAR/CELLULAR IMAGING
National Institute of Biomedical Imaging and Bioengineering

The Intramural Research Program of the National Institute of Biomedical Imaging and Bioengineering is seeking two exceptional interdisciplinary tenure-track principal investigators to lead and conduct cutting edge research in all aspects of the development of new technologies in high-resolution optical imaging that bridge the gap between molecular and cellular scales. The research will be situated on the NIH Campus in Bethesda, Maryland in newly renovated laboratories. Funding for these positions will provide for state-of-the-art equipment, postdoctoral fellows, students, and technical staff. The investigators will have the opportunity to set up their own laboratories, which could include facilities for cell and molecular biology as well as for building innovative instrumentation. It is anticipated that the successful candidates will take full advantage of the abundant opportunities that exist for collaboration with other imaging scientists across all the NIH institutes to apply techniques to biomedical research.

The successful candidate for each position must have a Ph.D., M.D. or equivalent degree plus a minimum of three years postdoctoral research, and should have substantial experience in cellular and molecular imaging documented by an extensive publication record of original research, as well as a strong background in physics, chemistry or engineering.

Application Process: Candidates should submit a five-page research plan, curriculum vitae, and arrange for three letters of reference to be sent to Sheila Barrett at sbarrett@mail.nih.gov or Bldg. 13, Rm. 3N17, National Institutes of Health, 13 South Drive, Bethesda, MD 20892. Email is preferred. Applications must be received by October 15, 2008.

Applicants must be U.S. citizens, resident aliens, or nonresident aliens with or eligible to obtain a valid employment authorizing visa.

Scientific Director
National Institute of Diabetes and Digestive and Kidney Diseases
National Institutes of Health

THE POSITION: The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) is seeking exceptional candidates for the position of Scientific Director for its Division of Intramural Research (DIR). The incumbent serves as the principal advisor to the NIDDK Director on biomedical and scientific affairs involving the intramural research program. The NIDDK supports and conducts research to understand, treat, and prevent some of the most common and severe diseases affecting the public health (www.niddk.nih.gov). This position offers a unique and exciting opportunity for an extremely capable individual to plan and oversee basic fundamental and applied research programs; evaluate research efforts and establish program priorities; allocate resources; direct training of pre- and post doctoral fellows; collaborate with other NIH programs; and advise the NIDDK Director and senior staff on the DIR and areas of science of interest to the Institute. The Intramural Division has a staff of approximately 1,000 employees and a current annual budget in excess of $167 million. In addition to the managerial/administrative responsibilities outlined above, the Scientific Director may carry out his/her own research program. Resources commensurate with the proposed program will be provided. The NIDDK seeks candidates who have a commitment to scientific excellence and the energy, enthusiasm, and innovative thinking necessary to maintain the DIR’s research efforts at the forefront of science.

QUALIFICATIONS: Applicants must possess an M.D., Ph.D., or equivalent degree, and have demonstrated scientific leadership and senior-level research experience in both a basic and clinical research program of national and international standing in an area relevant to diabetes, digestive and kidney diseases.

SALARY/BENEFITS: Salary is very competitive and will be commensurate with the experience of the candidate. A full package of Civil Service benefits is available, including: retirement, health and life insurance, long term care insurance, leave and savings plan (401K equivalent). The position is subject to a background investigation.

HOW TO APPLY: Interested candidates should send a letter of interest, including a brief description of research and administrative experience; curriculum vitae and bibliography; NIH Biosketch; and full contact information for three to five individuals who may be contacted to provide letters of reference. Application packages should be sent to the National Institutes of Health (NIH), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), 31 Center Drive, MSC 2560, Building 31, Room 9A-47, Bethesda, Maryland 20892, or electronically to balinj@mail.nih.gov. For further information about the position, please contact Dr. John O’Shea on (301) 496-2612 or e-mail at osheaj@arb.niams.nih.gov.

Applications should be received by October 17, 2008.
NC STATE UNIVERSITY

PHYSICAL OCEANOGRAFTER
North Carolina State University
Department of Marine, Earth, and Atmospheric Sciences and The Center for Marine Sciences and Technology, Morehead City, NC

The Department of Marine, Earth, and Atmospheric Sciences (MEAS) and The Center for Marine Sciences and Technology (CMAST) at North Carolina State University (NCSU) are seeking applicants for a tenure-track faculty position in Physical Oceanography at the Assistant Professor level. The successful candidate must be interested in and have strong potential for building collaborative and interdisciplinary externally funded research in physical-biological interactions or physical processes within coastal or estuarine systems. The successful candidate will be expected to teach both graduate and undergraduate courses. Applicants must hold a Ph.D. degree in physical oceanography or a related science. The position will begin July 1, 2009.

This position will be based at either NC State’s main campus in Raleigh, or at NC State’s Center for Marine Sciences and Technology in Morehead City depending upon where the successful applicant feels he/she can be most successful. Exciting collaborative opportunities exist for interdisciplinary interactions with more than 40 faculty in MEAS and CMAST, as well as numerous state, federal, and university collaborators in the Morehead City/Beaufort, NC area. CMAST also provides electronics, computing, and logistical support for field oceanographic operations, and is a member of the Duke/University of North Carolina Oceanographic Consortium which supports the R/V Cape Hatteras. Additional information about MEAS, CMAST, and their faculty and facilities may be found at http://www.meas.ncsu.edu and www.cmast.ncsu.edu.

Review of application materials for this search will begin on October 1, 2008; the position will remain open until a suitable candidate is identified. To apply please visit http://jobs.ncsu.edu and search for position number 07-70-0807. A letter, curriculum vitae, and the names, addresses, email addresses, and phone numbers of three references should be attached.

AA/EOE. In addition, NC State University welcomes all persons without regard to sexual orientation. The College of Physical and Mathematical Sciences welcomes the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.

Assistant/Associate Professor of Biochemistry

The Department of Biochemistry, University of Missouri-Columbia, invites applications for a tenure-track Assistant or Associate Professor position from scientists applying biochemical and molecular approaches to the study of nutrition in relation to health and disease. Applications are invited from those working on nutrition in any system, but we are particularly interested in individuals that would complement existing research strengths in neurodegenerative diseases, inflammation, radiopharmaceuticals, diabetes/cardiovascular disease, cancer, and plant sciences. The University is noted for interdisciplinary research programs including a multidisciplinary Life Sciences Center, a NIH-supported Imaging Center that complements a productive institutional nuclear reactor, the Interdisciplinary Plant Group and a new International Institute for Nano and Molecular Medicine. Position qualifications include a Ph.D. and/or M.D. in biochemistry or a related field and postdoctoral experience. The successful applicant will develop or continue an outstanding research program and contribute to Departmental teaching activities.

Submit a curriculum vitae and descriptions of current and planned research activities, and have three letters of reference sent to:
Chair Biochemistry Search Committee
Department of Biochemistry
117 Schweitzer Hall
University of Missouri-Columbia
Columbia, MO 65211

Electronic submission to biochemsearch@missouri.edu is encouraged. Applications will be reviewed upon receipt and continue until the position is filled.

MU is an EEO/AA/ADA Employer, and encourages applications from women and minorities. For ADA accommodations, please contact our ADA Coordinator at (573) 884-7278 (T/T).

Assistant Professor

Stony Brook University’s Department of Physiology and Biophysics and the Long Island Center for Clinical and Translational Research Scientists (LICATS) in the School of Medicine invite applications for a tenure-track Assistant Professor position. Exceptional candidates at the Associate Professor level will also be considered. The preferred incumbent is expected to have or establish an innovative externally-funded translational research program in an area that builds on existing strengths within the Department of Physiology and Biophysics, such as cellular and molecular aspects of signal transduction, membrane biophysics, molecular cardiology, and systems biology. (For a description of departmental research activities, please visit http://www.phb.sunysb.edu.) The position includes a generous start-up package and laboratory space. Physician-scientists will have the option of a joint appointment in the appropriate clinical department.

Departmental and institutional support facilities include cores for microscopy and imaging, DNA sequencing, proteomics, microarray, flow cytometry, and bioinformatics. The department also has access to the facilities at Brookhaven National Laboratory and Cold Spring Harbor. Required: An M.D./Ph.D., or M.D. and postdoctoral research experience. To guarantee consideration, please apply by November 15, 2008.

For full position description visit www.stonybrook.edu/jobs (REF: F-5131-08-08-S). A C.V., list of publications, description of research interests, and three letters of reference should be sent to: Search Committee Chair, Department of Physiology and Biophysics, Health Sciences Center Basic Science Tower 14E Room 140 Stony Brook University, SUNY Stony Brook, NY 11794-8661 Equal Opportunity/Affirmative Action Employer.
Director Position

Cornell University, located in Ithaca, New York, is an inclusive, dynamic, and innovative Ivy League university and New York’s land-grant institution. Its staff, faculty, and students impart an uncommon sense of larger purpose and contribute creative ideas and best practices to further the university’s mission of teaching, research, and outreach.

The College of Veterinary Medicine at Cornell University, Ithaca, New York, invites applications for a Director position that has been created to merge and advance the research and outreach missions of Cornell’s Baker Institute for Animal Health and Feline Health Center. The Baker Institute is a world-renowned research facility, recognized for its multispecies expertise in immunology, infectious disease, genetics, genomics and reproduction. The Feline Health Center is the definitive resource for up-to-date information relating to all aspects of feline medicine and surgery. Together the Baker Institute and Feline Health Center programs are currently supported by 14 faculty, 17 research trainees, and 50 staff members. Learn more about the Baker Institute at http://bakerinstitute.vet.cornell.edu and the Feline Health Center at http://www.vet.cornell.edu/fhc/. This academic appointment will be made at the level of Associate or Full Professor with a distribution of effort that is approximately 50% administration and 50% research. The Director will be expected to maintain an active research program. The successful candidate will provide leadership and strategic direction for consolidating the Baker Institute and Feline Health Center into the nation’s premiere companion animal health center. Administrative responsibilities include recruiting and mentoring faculty, representing the combined institute to animal health groups, oversight of facilities, management of the operating budget, and stewardship of the endowments of the two units. This position affords a unique opportunity to advance excellence in research, education, outreach, and service within the center and in coordination with the Veterinary College.

Qualifications: Applicants must have an advanced degree (PhD, DVM, MD, etc.) and a distinguished record of accomplishment in research, teaching, and service. Preference will be given to candidates with demonstrated leadership skills as well as expertise in administration and development. The ideal candidate would possess a passion and vision for improving animal health, together with the skills required to share this vision with scientists and supporters. Located in the heart of the beautiful Finger Lakes Region of New York State, Cornell University is a center for discovery, academic leadership, and service. Cornell University is an affirmative action/equal opportunity employer and is committed to achieving excellence through cultural diversity. The University actively encourages applications and nominations of women, persons of color, veterans and persons with disabilities. Cornell seeks to meet the needs of dual career couples through a Dual Career program and membership in the Upstate New York Higher Education Recruitment Consortium. Applications will be reviewed beginning October 1, 2008 and continue until the position is filled. Interested individuals are asked to submit a curriculum vitae, letter of intent, and the names and addresses of the three references (electronic applications are preferred) to: William A. Horne, DVM, PhD, Chair, Search Committee for Director of the Baker Institute/Feline Health Center, c/o Jill Short jms31@cornell.edu, College of Veterinary Medicine, S2 005 Schurman Hall, Cornell University, Ithaca, New York 14853. Cornell University is a bold, innovative and inclusive teaching and research university of academic distinction and public service where staff, faculty, and students alike are challenged to be active citizens of the world.

http://chronicle.com/jobs/profiles/2377.htm

Texas A&M University
Toxicology Faculty Position
Department of Veterinary Physiology and Pharmacology

The Department of Veterinary Physiology and Pharmacology at Texas A&M University has initiated a search for a tenure track state-funded position in Toxicology at the Assistant/Associate Professor level. The successful candidate will be expected to establish a funded research program in some area of molecular, cellular or environmental medicine, oncology, toxicology or a related health science specialty. Although applications are welcome from individuals in any toxicological discipline, we are particularly interested in applications from individuals whose research focus is in developmental, nutritional, reproductive toxicology, or oncology. Primary criteria for appointment will be a doctoral degree in a biomedical or physical science, a strong publication record, a funded research program or evidence of the potential to establish a funded research program, and a strong commitment to teaching.

Texas A&M is a land, sea and space grant university with more than 43,000 undergraduate and graduate students, plus medical and veterinary students. The Department of Veterinary Physiology and Pharmacology consists of 28 full-time faculty with interests in environmental medicine, oncology, endocrine, cardiovascular, developmental, and reproductive biology. A broad range of interdisciplinary research is possible with established campus-wide programs in toxicology, cardiovascular sciences, genetics, neurosciences, reproduction and nutrition. The graduate program in toxicology is supported, in part, by external funding and University Fellowships. The new faculty member will also have access to research core facilities supported by the University, the department, the Center for Environmental and Rural Health, and the Superfund Basic Research Program Project. College Station, home to Texas A&M University, is a mid-sized city located within an hour and a half of both Houston and Austin, Texas.

Candidates should send a curriculum vitae, letter of application, and names and addresses of three references to: Dr. Stephen Safe, Chair, Toxicology Search Committee, Department of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, Texas A&M University, College Station, TX 77843-4466. Review of applications will begin immediately and continue until the position is filled. Application from all qualified individuals is encouraged to ensure faculty represent the diverse population of Texas.

TENSA&M UNIVERSITY IS A N EQUAL OPPORTUNITY EMPLOYER/EDUCATOR.
Full/Associate/Assistant Professor

Department of Chemistry

The Department of Chemistry at Temple University invites applications and nominations for a tenure or tenure-track faculty position at the Full/Associate/Assistant Professor level in the areas of Biochemistry, Analytical, Organic, Inorganic, Computational or Materials Chemistry. Ample newly-renovated laboratory space is available.

Applications at the senior level should include a CV, statement of teaching and research goals, names and addresses of at least three references, and selected reprints. Applications for assistant professor should additionally include three references and a proposed research plan.

Applicants are expected to demonstrate strong potential for establishing a vigorous research program funded by peer-reviewed research grants and for developing excellence in teaching.

Application materials should be sent to: Dr. Robert J. Levis, Chair, Department of Chemistry, College of Science and Technology, Temple University, Beury Hall (016-00), 1901 N. 13th Street, Philadelphia, PA 19122. Review of applications will begin immediately and will continue until suitable candidates are identified. The Department specifically invites and encourages applications from women and minorities.

Temple University is an equal opportunity, equal access, affirmative action employer committed to achieving a diverse community (AA, EEO, M/F/D/V).

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Waseda Institute for Advanced Study
Tenure Track Program

Waseda Institute for Advanced Study is currently recruiting researchers (fixed-term faculty) for the tenure track program outlined below.

- **Research Fields to be invited:**
  - Architecture:
    - Environmental Design - History, Theory, Criticism and Production
    - Architectural History and Theory
    - Architecture and Civil Society
    - Japanese Architecture
    - Asian Architecture
  - Succession and Renewal of Architecture

- **Electronics:**
  - Semiconductor Physics
  - Semiconductor Devices
  - Electronics
  - Photonics
  - Crystal Growth

- **Period of appointment:**
  - In principle, from April 1, 2009 to March 31, 2012
  - In FY2011, the researcher’s research and teaching performance will be subject to interim appraisal, after which continuation or termination of employment will be decided. If employment is continued, it will be renewed annually (up to 2 years at the longest). If the researcher is judged to be eligible following final appraisal by FY2013, they will be employed as tenured (full-time) faculty from the following year.
  - Applicants must have a doctorate or equivalent. However, it is desirable for the doctorate to have been obtained within 10 years of April 1, 2009. Further details and application forms can be obtained from our website: www.waseda.jp/wias/eng

Contact: wias-info@list.waseda.jp

To apply, applicants must fill in the registration form online on the website, and mail all the required documents to the following address:

**Waseda Institute for Advanced Study**

Attention: Researcher Employment

1-6-1 Nishiwaseda, Shinjuku-ku,
Tokyo 169-8050, JAPAN

Closing Date: October 10, 2008

5pm (Japan time)

www.waseda.jp/wias

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**The University of Texas at Austin**

**Eukaryotic Molecular Biology Positions**

The Institute for Cellular and Molecular Biology, Alan Lambowitz, Director, invites applications for two tenure-track/tenured positions in eukaryotic molecular biology. Academic appointments at the level of Assistant, Associate, or Full Professor will be in an appropriate academic unit in the College of Natural Sciences. Candidates should have an outstanding record of research productivity and a research plan that utilizes molecular and biochemical approaches to address important problems in eukaryotic molecular biology. Areas of particular interest include but are not limited to chromatin structure, regulation of gene expression, microRNAs and RNA interference, DNA damage responses, and cell cycle control.

Building on a strong existing faculty, the Institute has recruited more than 50 new faculty members over the past ten years (see www.icmb.utexas.edu). In addition to it’s highly interactive and interdisciplinary research environment, the Institute provides administrative and financial support for the Graduate Program in Cell and Molecular Biology and state-of-the-art core facilities including DNA sequencing, mass spectrometry, electron and confocal microscopy, DNA microarrays, robotics, and mouse genetic engineering. A recently instituted MD-PhD program with the UT Medical Branch and the new Dell Pediatrics Research Institute further enhance the environment for basic Biomedical Research.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and livable cities.


The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply; a background check will be conducted on applicant selected.
ASSISTANT/ASSOCIATE AND SENIOR SCIENTISTS

Josephine Bay Paul Center for Comparative Molecular Biology and Evolution

Positions in Ecological Genomics and Molecular Evolution

The Josephine Bay Paul Center for Comparative Molecular Biology and Evolution at the Marine Biological Laboratory invites applications for Assistant, Associate and Senior Scientists in the areas of evolutionary biology, comparative genomics, and molecular microbial ecology. Candidates who employ a combination of theoretical, computational, and experimental approaches to understand evolutionary and ecological processes are encouraged to apply. The successful candidates will establish productive research programs in a highly collaborative environment with opportunities to interact with other MBL centers and Woods Hole initiatives, and will have the opportunity to join the faculty of the MBL/Brown graduate program. Applicants must hold a Ph.D. in Biology or a related field, and have a strong record of scientific publication and ability to attract extramural funding.

The Bay Paul Center and the Marine Biological Laboratory have considerable strengths in molecular evolution, functional genomics, microbial diversity and ecology, and advanced imaging. The Center maintains state-of-the-art facilities for high-throughput molecular and computational analysis. As part of our expansion at the Bay Paul Center we offer competitive start-up and salary packages. Initial review of applications will begin immediately and continue until appropriate candidates are identified.

For fullest consideration, please apply by November 1, 2008. Applicants should submit curriculum vitae, statement of research interests, list of five references and complete an application using the MBL website: www.mbl.edu/hr/employment.html.

The MBL is an Equal Opportunity/Affirmative Action Employer.

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Position Available: Chair of Neuroscience

The Ohio State University Medical Center
Department of Neuroscience seeks an energetic and dynamic leader for the position of Chair of Neuroscience. Neuroscience is one of six strategic programs slated for major investment at the Ohio State University College of Medicine.

Ohio State’s Medical Center leads the region with eight specialties named as among the best in America in the latest U.S. News & World Report magazine. Ohio State’s College of Medicine is ranked 30th by USNWR, making it one of the best public academic medical centers in the U.S.

The Department of Neuroscience currently has 20 faculty members plus 13 individuals who have joint appointments. The department has active research programs in developmental neurobiology, spinal cord injury and repair, neuroimmunology, visual neurobiology and ion channel and receptor physiology.

The Chair candidate should have a background in basic laboratory research and/or translational research and a demonstrated record of scholarly activity, successful extramural funding and administrative experience.

The Chair will lead the integration of basic and clinical research programs in neuroscience and the creation of a strong academic department. The Chair will establish collaborative programs that expand and integrate the strategic priorities of the Medical Center, including neuroscience, heart, cancer, critical care, transplantation and imaging.

This is a full-time, tenure-track position. Applicants should submit a C.V. and a description of their accomplishments and current focus and goals to:

James S. King, Ph.D.
Chair, Search Committee
4198 Graves Hall | 333 W. 10th Ave.
Columbus, OH 43210
james.king@osumc.edu

medicine.osu.edu/neuroscience

The Ohio State University is an equal opportunity employer committed to excellence through diversity. Women and minority candidates are encouraged to apply.
**DIRECTOR**

**ANIMAL AND NATURAL RESOURCES INSTITUTE**

A Senior Executive Service Position in the Federal Government

The Agricultural Research Service, (ARS), Beltsville Area, Animal and Natural Resources Institute (ANRI), Beltsville, Maryland, invites applicants for a full-time permanent Director position ($114,468-$158,500). The ANRI is the largest and most comprehensive animal and natural resources research location in ARS. The ANRI’s primary mission is to conduct research and develop technology transfer programs that ensure a high quality and safe food supply while protecting the natural resource base and the environment. The research, involving more than 100 scientists, encompasses animal health, nutrition, reproduction, genomics, bioinformatics, food safety, hydrology, environmental management, and sustainable agriculture. For additional information [http://www.ars.usda.gov/Main/docs.htm?docid=15849](http://www.ars.usda.gov/Main/docs.htm?docid=15849). As Director of ANRI, the incumbent participates with the Deputy Director for National Programs and the Beltsville Area (BA) Director in planning, coordinating, evaluating overall animal, animal products, and natural resources research programs, designed and executed with a view toward Federal-State missions and goals for a national program of agricultural research, and the coordination and integration of the research with other Federal agencies, Land Grant organizations, and other outside institutions.

Applicants must meet mandatory qualifications, as specified in the vacancy announcement (ARS-SES:08-15), and address specific executive core and technical qualifications. A doctoral degree in biological sciences, agriculture, natural resources, or allied disciplines pertinent to the work of the position to be filled is desired. Citizenship restrictions apply.

Interested candidates should obtain the position announcement from [www.afm.ars.usda.gov/divisions/hrd/](http://www.afm.ars.usda.gov/divisions/hrd/). For questions regarding qualifications and application procedures contact Deborah Crump at Deborah.crump@ars.usda.gov or 301-504-1448 and for technical questions regarding the position, please contact Dr. Joseph Spence at 301-504-6078. Applications must be received by October 6, 2008.

USDA/ARS is an Equal Opportunity Employer and Provider.

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**Vice-Chair for Research/Open Rank**

The Department of Anesthesiology, University of Texas Health Science Center at San Antonio, (UTHSCSA) invites nominations and applications for the position of Vice-Chair for Research (VCR). As the chief research officer for the department, the VCR is responsible for implementation of the research vision, the overall management of departmental research activities, and the administration of sponsored research. The VCR will engage in multidisciplinary collaboration within UTHSCSA—a Clinical and Translational Science Award (CTSA) grantee—and its affiliated institutions.

Qualifications for this position include an M.D., M.D.-Ph.D., or Ph.D. degree in an appropriate field of study. The successful candidate will have a national/international reputation as a distinguished scientist with an outstanding record of research accomplishments; a proven track record of directing a research enterprise; outstanding communication skills as evidenced by an ability to mentor junior faculty, scientists, residents, and students. The candidate must be a critical and strategic thinker and a visionary leader who can develop and enhance the research enterprise; and one who can demonstrate expertise in crafting interdisciplinary proposals and negotiating multi-faceted awards. One or more currently funded NIH grant(s) and experience in translational research is highly desirable. Given the excellent research infrastructure in neurobiology at UTHSCSA, research experience in pain medicine would be a plus.

For more information, please visit our website at [www.anesthesia.uthscsa.com](http://www.anesthesia.uthscsa.com). To apply or nominate a candidate for the position of Vice-Chair for Research, Department of Anesthesiology, U.T. Health Science Center at San Antonio, please submit a current CV, supporting documents, and names and addresses of five references to: J. Jeffrey Andrews, M.D., Chair, Department of Anesthesiology – MSC 7838, U.T. Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78229.

*All faculty appointments are designated as security sensitive positions.*

*The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer.*

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**Faculty Positions in Cardiovascular Diseases Research**

The Burnett School of Biomedical Sciences, College of Medicine, seeks tenure-track or tenured faculty at the Assistant, Associate or Full Professor level. We seek individuals with MD and/or PhD, conducting cutting-edge research using molecular, genetic, cell biological, biochemical, physiological or pharmacological approaches to solve problems critical to cardiovascular health. We are in the process of building a cardiovascular science program of 12 faculty members. Laboratories in a new 198,000 sq ft Burnett Biomedical research building in the medical campus will be provided. Adjacent to the medical campus is the Burnham Medical Research Institute and future MD Anderson Cancer Research Institute, a VA hospital and a Nemours Children’s hospital. Competitive salary and startup funds will be provided. The medical campus at Lake Nona is part of a well planned medical city with adjacent shopping areas and pleasant residential areas. UCF is the sixth largest university in the US. UCF is located in Orlando, a great place to live and work, a dynamic and progressive metropolitan region, and a major player in high-tech industry. Please send a curriculum vitae, a two page summary of research plans and the names and contact information of at least three referees to biomedi2@mail.ucf.edu. Review of candidates will begin on October 30, 2008. The University of Central Florida is an Equal Opportunity, Equal Access, and Affirmative Action Employer. As a member of the Florida State University System, all application materials and selection procedures are available for public review.

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**Faculty Positions in Cancer Research**

The Burnett School of Biomedical Sciences, College of Medicine, seeks tenure track or tenured faculty at the Assistant, Associate or Full Professor level. We seek individuals with MD and/or PhD, conducting cutting-edge research using molecular, genetic, cell biological, biochemical, physiological or pharmacological approaches to solve problems critical to cardiovascular health. We are in the process of building a cardiovascular science program of 12 faculty members. Laboratories in a new 198,000 sq ft Burnett Biomedical research building in the medical campus will be provided. Adjacent to the medical campus is the Burnham Medical Research Institute and future MD Anderson Cancer Research Institute, a VA hospital and a Nemours Children’s hospital. Competitive salary and startup funds will be provided. The medical campus at Lake Nona is part of a well planned medical city with adjacent shopping areas and pleasant residential areas. UCF is the sixth largest university in the US. UCF is located in Orlando, a great place to live and work, a dynamic and progressive metropolitan region, and a major player in high-tech industry. Please send a curriculum vitae, a two page summary of research plans and the names and contact information of at least three referees electronically to biomedi@mail.ucf.edu. Review of candidates will begin on October 30, 2008. The University of Central Florida is an Equal Opportunity, Equal Access, and Affirmative Action Employer. As a member of the Florida State University System, all application materials and selection procedures are available for public review.

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**FACULTY POSITION**

**Assistant Professor of Biology**

The Department of Biology at the University of Rochester is continuing its major hiring initiative. This year we intend to fill a tenure track position at the junior level in Cell, Developmental, and Molecular Biology. Highly qualified candidates in all areas, including but not limited to functional genomics, developmental and cell biology, and/or biochemistry, are encouraged to apply. The department offers a supportive academic environment that promotes interactions across the life sciences. Our research and graduate programs are integrated into a larger research campus, which includes the School of Medicine and Dentistry, and the Departments of Brain and Cognitive Sciences, Physics, Chemistry, Biomedical Engineering, and Computer Sciences. For detailed information on the department, visit [http://www.rochester.edu/College/BIO/index.php](http://www.rochester.edu/College/BIO/index.php).

Candidates with a strong record of accomplishment should submit a CV, statement of research and teaching interests, pdfs of two or three publications, and arrange to have three letters of recommendation sent to: biosearch2008@rochester.edu. Review of applications will begin November 1, 2008.

*The University of Rochester, an Equal Opportunity Employer, has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education.*
A funded POSTDOCTORAL POSITION is available to conduct studies in the molecular mechanism of cytokine overexpression in autosomal dominant polycystic kidney disease (ADPKD). Training in molecular biology and experience in cloning, transfection, RNA/DNA purification, electrophoretic mobility shift assay, Western Blot, enzyme-linked immunosorbent assay, shRNA, and cell culture are required. Experience with mouse experimental models (transgenic or knockout mice, tumor xenografts, et cetera) would be beneficial. Send curriculum vitae, cover letter and names and telephone numbers of three references to: Elisa Bello-Reuss, M.D., Professor Department of Internal Medicine Division of Nephrology and Hypertension and Department of Cell Physiology and Molecular Biophysics 3601 44th Street, STOP 9410 Room 4807 Lubbock, TX 79430-9410 Telephone: 806-743-3155, extension 282 E-mail: elisa-bello-reuss@ttuhsc.edu

ELECTRICAL ENGINEERING DEPARTMENT
Columbia University

One or two RESEARCH SCIENTIST/POSTDOCTORAL POSITIONS are available for research in the area of computational biology/genetics. Candidates should have a Ph.D. in a field related to computer science, genetics, biology, engineering, or statistics. Experience in parallel cluster computing is required. Both senior and junior appointments will be considered.

Please send curriculum vitae, brief description of research interests, and a list of three references to:
Prof. Dimitris Anastassiou
Department of Electrical Engineering
Columbia University
500 West 120th Street
New York, NY 10027
E-mail: anastas@ee.columbia.edu

Columbia University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS to study molecular mechanisms of TGF-β signal transduction in kidney fibrosis. Projects: (1) specific Smad3 phospho-acceptor sites in collagen expression; (2) TJR adaptor proteins regulating cell phenotype. Career development toward eventual independence encouraged. Experience with molecular dissection of signaling desirable. Send curriculum vitae and career goals to:
H.W. Schnaper, Northwestern University, e-mail: schnaper@northwestern.edu. Equal Opportunity Employer, Affirmative Action Employer

POSTDOCTORAL/RESEARCH ASSOCIATE POSITION for two highly motivated individuals available immediately at the University of Michigan to study the mechanism of action of microRNAs with a focus on endogenous pri-miRNAs. The successful candidate will work with the manufacturer’s redox partners as it relates to various diseases. ENZYMOMOGLIST (Ph.D. in biochemistry or chemistry) with a strong background in proteomics, enzyme kinetics, and/or biochemical/biophysical techniques preferred. Heme and flavoproteins will be studied. Salary negotiable. Send resume and three references to: J. Waskell, Ph.D., at e-mail: waskell@umich.edu.

POSTDOCTORAL POSITION IN MICROBIAL GENETICS
A Postdoctoral position is available December 1, 2008, to investigate mechanisms of gene regulation in Moraxella catarrhalis. Emphasis will be placed on the identification of gene products whose expression is up-regulated in two. This position requires a Ph.D. in microbiology, biochemistry, genetics, or a related biological science and experience with recombinant DNA techniques. Position includes salary, fringe benefits, and the opportunity to work in a dynamic research environment. Send curriculum vitae and the names and telephone numbers of three references to:
Dr. Eric J. Hansen, Department of Microbiology The University of Texas Southwestern Medical Center at Dallas 5323 Harry Hines Boulevard Dallas, TX 75390-9048 Fax: 214-648-5905 E-mail: postdoc@utsouthwestern.edu

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

RESEARCH POSITION
Brazilian Synchrotron Light Laboratory
Brazilian Synchrotron Light Laboratory (LNLS) is a 1.37 GeV synchrotron source located in Campinas, Brazil. It is the only synchrotron laboratory in Latin America and has two beamlines dedicated to small and wide-angle X-ray scattering. Peripheral instrumentation for in-situ experiments and sample treatment are also available at LNLS campus. A researcher position is available in small-angle scattering group. LNLS is seeking a motivated researcher with a strong background in X-ray scattering theory, as well as an interest in instrumentation and/or methodology. The successful candidate is expected to conduct independent research, coordinate small-angle X-ray scattering beamlines providing support to external users, and contribute to the continuous improvement and upgrade of the beamlines.

Application letter and curriculum vitae, including the contacts of three references, should be sent to e-mail: resaux@lnls.br.

ASSISTANT RESEARCH PROFESSOR, RESEARCH ASSOCIATE, and POSTDOCTORAL ASSOCIATE
Chemoprevention
Positions are available to study environmental control of mitochondrial DNA replication, and the metabolic control of innate immunity and regeneration. Studies will involve somatic cell gene transfer experiments and the study of nuclear gene control of mitochondrial DNA copy number and damage repair in mouse models. Candidates should have a strong background in molecular biology and biochemistry. Preference will be given to applicants with a strong immunology background. Send curriculum vitae and contact information for three references to e-mail: naviaus@ucsd.edu.

HELEN DORRIS FELLOWSHIP. A POSTDOCTORAL POSITION at the Harold L. Dorris Neuropsychological Research Institute, at the Scripps Research Institute, La Jolla.

MOLECULAR NEUROBIOLOGIST, start date after November 1, 2006. The Fellowship is generously donated by Ms. Helen Dorris, a local philanthropist, and covers NIH level salary/benefits for two years. The previous fellows have gone on to promising academic careers.

The successful candidate will work within a research group on the receptor-ligand interactions and on intracellular signaling of the neuropeptide galanin (involved in major depression, schizophrenia, cognition, and seizure control) or of the proinflammatory cytokine Interleukin-1. The work will employ biochemical, molecular biological, and cell biological techniques, and acute and chronic methods and is supported by electrophysiologists, morphologists, and behavioral scientists.

Contacts
Marcia McRae (e-mail: mcrae@scripps.edu) Tamás Bartfai (e-mail: tbartfai@scripps.edu)

POSTDOCTORAL POSITION available to investigate imprinted genes and their regulation in mouse. Applicants should have a Ph.D. and proficiency in cell biology, molecular genetics, and genomic techniques. Experience with mice is an asset. Good oral and written English language skills are essential. The position will be filled for one year with possible second year renewal and salary will be commensurate with experience.

Please submit application electronically with curriculum vita and statement of research interests, as well as the names, phone numbers, and e-mail addresses of three people who can provide letters of reference, to: Dr. Nora Engel, Fels Institute of Cancer Research and Molecular Biology, Temple School of Medicine, Philadelphia, PA. E-mail: noraengel@temple.edu.

POSTDOCTORAL POSITION in SAN DIEGO
A Postdoctoral position is available immediately in the Navaux Laboratory at the University of California, San Diego to study the developmental control of mitochondrial DNA replication, and the metabolic control of innate immunity and regeneration. Studies will involve somatic cell gene transfer experiments and the study of nuclear gene control of mitochondrial DNA copy number and damage repair in mouse models. Candidates should have a strong background in molecular biology and biochemistry. Preference will be given to applicants with a strong immunology background. Send curriculum vitae and contact information for three references to e-mail: naviaus@ucsd.edu.

POSTDOCTORAL POSITIONS
Protein Structure and Function
Fox Chase Cancer Center, a renowned Philadelphia-based National Cancer Institute-designated leader in cancer research, prevention, and treatment, has two Postdoctoral positions available to work on an NIH-funded project to study protein structure and function. We study how protein-protein interactions regulate the macromolecular assembly and intracellular trafficking of the cystic fibrosis transmembrane conductance regulator. We also use X-ray and neutron scattering to study protein structure and dynamics. One position requires a Ph.D. degree, and the other requires a Ph.D. degree in structural biology/statistical physics or membrane biochemistry and biophysics. The other position requires expertise with molecular and cellular biology techniques. Highly motivated candidates who can work independently are encouraged to apply by e-mailing resume to e-mail: zimebi@fccc.edu. Equal Opportunity Employer.

POSTDOCTORAL OPPORTUNITIES
Institut Pasteur, Paris, France

Come work in Paris at the Institut Pasteur, a world-renowned, private, biomedical research organization! We invite applications from outstanding Fellowship candidates to any of 138 laboratories within our 10 departments. Areas include: developmental and cell biology, epidemiology, immunology, genomes, genetics, microbiology, neuroscience, structural biology, parasitology, mycology and virology. Deadlines vary; see website for details. Annual package is $70,000 for three years. U.S. citizenship required.

E-mail: pasteurus@aal.com, Website: http://www.pasteurfoundation.org.

POSTDOCTORAL OPPORTUNITIES
Institut Pasteur

POSTDOCTORAL OPPORTUNITIES
Institut Pasteur

POSTDOCTORAL OPPORTUNITIES
Institut Pasteur
MEN2 Thyroid Cancer Professorship: A Request for Applications

The American Cancer Society announces this Request for Applications for the American Cancer Society MEN2 Thyroid Cancer Consortium. Up to seven (7) Research Scholar and/or Mentored Research Scholar grants and up to five (5) Postdoctoral Fellow grants will be awarded. The Consortium will be led by a single renowned senior scientist who will be awarded the American Cancer Society MEN2 Thyroid Cancer Professorship and act as leader for the overall program (details at links below). Appropriate areas of investigation include, but are not limited to: understanding consequences of RET mutations, molecular events underlying the development of MEN2-related tumors, improved animal models of MEN2, new screening and monitoring tools, new imaging approaches, and new pharmacologic and other strategies to blunt the effects of RET mutations.

The Professorship award is intended for an outstanding mid-career investigator who has made a seminal contribution and who continues to provide leadership in this general research area. Applications are requested from distinguished investigators in an area that includes multiple endocrine neoplasia type 2 research, including research in the areas of genetics, pathogenesis, diagnosis or treatment of medullary thyroid cancer.

The amount of the award is $80,000 per year for five years. Only one award will be made and a letter of intent must be submitted. The awardee must be willing to be a spokesperson on selected occasions for the American Cancer Society and for the Consortium. Candidates must be American citizens or permanent residents with at least 10 years of experience beyond receipt of their terminal degree and not have held the rank of full professor for more than 15 years. Department chairs or individuals with equivalent administrative positions, and individuals working for government agencies or for-profit organizations are not eligible.

Deadlines: Interested individuals must submit their curriculum vitae with a complete bibliography and a letter of intent that briefly describes their seminal contributions to thyroid cancer research. This information must be submitted via https://proposalcentral.altum.com no later than December 15, 2008 by applying for the American Cancer Society – MEN2 Thyroid Cancer Professorship. Qualified candidates will be invited no later than January 15, 2009 to submit full applications by April 1, 2009. Funding will begin January 1, 2010. For additional information and policies, see our website at www.cancer.org/research: select Funding Opportunities followed by Index of Grants, scroll down to Special Initiatives and select RFA for MEN2 Thyroid Cancer Consortium. For inquiries, contact Charles Saxe, PhD at (404) 929-6919 (Charles.Saxe@cancer.org).

Postdoctoral Opportunities

University of Georgia

Postdoctoral Associates
Modeling Infectious Diseases

The Computational Ecology & Epidemiology Study Group (CEESG), an affiliation of infectious disease modelers in the newly formed University of Georgia Faculty of Infectious Diseases (http://id.uga.edu), invites postdoctoral applicants to join the following projects:

- **Evolutionary ecology of infectious diseases**, a theoretical study of within- and between-host disease dynamics, emphasizing transient evolution, pathogen diversity, and host heterogeneity. PI: Andrew Park (awpark@uga.edu)
- **Phylodynamics of disease networks**, an agent-based simulation study of the evolution of multi-strain pathogens in multi-host systems, applied to avian influenza viruses. PIs: John Drake (jdrake@uga.edu) & Pejman Rohani (rohani@uga.edu)
- **Ecoinformatics of emerging pathogens**, a study exploring large scale geographic and evolutionary patterns in macroepidemiology. PI: John Gittleman (ecohead@uga.edu)
- **Multi-scale modeling** of pathogen dynamics within and between hosts, focusing on influenza and tuberculosis. PI: Andreas Handel (andreas.handel@gmail.com)
- **Space-time dynamics of vector-borne pathogens**, a geostatistical study of West Nile virus in New York City. PI: John Drake (jdrake@uga.edu)

Successful applicants may have experience in any of the quantitative sciences, including mathematics, physics, statistics or biostatistics, ecology, evolutionary biology, or computer science. Positions are for 1-3 years, with salaries ranging from $35,000-$42,000 per year (depending on experience), plus health and retirement benefits. For more details, see the CEESG website at http://dragonfly.ecology.uga.edu/ceesg. Applicants should email PIs with a statement of interest, CV, and contact information for three references. Applications will be reviewed on an ongoing basis until positions are filled.

The University of Georgia is an equal opportunity, affirmative action employer.
DEVELOPMENTAL BIOLOGIST
Lafayette College
We invite applications for an ASSISTANT PROFESSOR (tenure-track) position in developmental biology to begin August 2009. Candidates must have a Ph.D. plus postdoctoral training with demonstrated teaching and research experience. We seek a broadly trained biologist committed to excellence in teaching and research within the context of a highly selective undergraduate institution combining the sciences, liberal arts, and environmental studies. Experience in teaching 3-2 plus honors and independent research students. Teaching duties include participation in general biology, both an intermediate and an advanced course in developmental biology, and an upper-level elective which requires expertise in rotation with a course in the college-wide Common Course of Study. Applicants with expertise in stem cells, body plan determination, plant development, cis regulatory elements and/or other areas of evolutionary developmental biology are of special interest.

Competitive salary, benefits, and startup funds. Please submit curriculum vitae, undergraduate and graduate transcripts, a description of teaching philosophy and research plans, and contact information for three professional references by October 27, 2008, to: Dr. Wayne Leibel, Head, Department of Biology, Lafayette College, Easton, PA 18042-1778. Lafayette College is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

CONSERVATION BIOLOGIST
Lafayette College
We invite applications for an ASSISTANT PROFESSOR (tenure-track position in conservation biology to begin August 2009. Candidates must have a Ph.D. plus postdoctoral training with demonstrated teaching and research experience. We seek a broadly trained biologist committed to excellence in teaching and research within the context of a highly selective undergraduate institution combining the sciences, liberal arts, and engineering. Teaching load 3/2 plus honors and independent research students. Teaching duties include participation in general biology, both an intermediate and an advanced course in conservation biology, and a fourth course in the applicant’s area of expertise in rotation with a course in the college-wide Common Course of Study. The successful applicant is expected to develop and maintain a vigorous research program involving undergraduates.

Competitive salary, benefits, and startup funds. Please submit curriculum vitae, undergraduate and graduate transcripts, a description of teaching philosophy and research plans, and contact information for three professional references by October 27, 2008, to: Dr. Wayne Leibel, Head, Department of Biology, Lafayette College, Easton, PA 18042-1778. Lafayette College is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

ASSISTANT PROFESSOR/COMPARATIVE GENOMICS
Full-time, 12-month appointment academic position for a genomics scientist. The incumbent will spend 50 percent time as the ASSOCIATE DIRECTOR of the Comparative Genomics Laboratory, with duties in directing daily activities, long-range planning, and seeking extramural funding, and 50 percent time to conduct research. Qualified candidates should have an earned Ph.D. training in bioinformatics or quantitative biology, and strong interests in evolution of early vertebrate genomes and functional genomics. Postdoctoral experience preferred. Initial appointment will be for three years as a fixed-term ASSISTANT PROFESSOR, renewable for one two-year period. The successful candidate will have demonstrated academic administrative experience and a national reputation as a scholar and educator, and be committed to excellence in patient care and qualify for a tenured appointment at the rank of PROFESSOR. The candidate must be able to work effectively in a culturally diverse environment with persons of all races, genders, and ethnicities. The Chair will report to the Dean, School of Medicine.

The Virginia Commonwealth (VCU) University School of Medicine invites nominations and applications for a tenure-track position as the ASSISTANT PROFESSOR, and PROFESSOR level of NEUROLOGY. The Department is one of 17 clinical departments in the VCU Health System. There are currently 20 full-time faculty, 22 residents and six fellows who provide a comprehensive array of clinical services in adult and pediatric neurology in modern facilities with over 1,200 admissions annually. Strengths include extensive collaboration with the Southeastern Parkinson Disease Research Center at VCU, and a strong neuroscience community on campus with faculty representing a broad range of excellence in both clinical and basic research. The Department wishes to expand with a major focus in the area of movement disorders.

The Chair will be responsible for setting departmental goals in administrative, teaching, service, and research activities. The successful candidate will have demonstrated academic administrative experience and a national reputation as a scholar and educator, and be committed to excellence in patient care and qualify for a tenured appointment at the rank of PROFESSOR. The candidate must be able to work effectively in a culturally diverse environment with persons of all races, genders, and ethnicities. The Chair will report to the Dean, School of Medicine.
The College of Engineering at Iowa State University has an aggressive mission to advance our global impact by addressing the challenges that will define our worldwide quality of life in the coming decades. To that end, the college will continue to fill 50 new faculty positions with faculty who possess the talent and passion to positively impact our students, nation, and world. To help focus our efforts in pursuit of this mission, these new faculty will be members of the following interdisciplinary research and education clusters:

- Biosciences and Engineering
- Engineering for Sustainability
- Energy Sciences and Technology
- Information and Decision Sciences

For background information on the cluster areas and the desired qualities of our new faculty, see [www.engineering.iastate.edu/clusters](http://www.engineering.iastate.edu/clusters).

Applications for faculty positions at all levels (assistant, associate, and full professors) in all departments are welcome:

- Aerospace Engineering
- Agricultural and BioSystems Engineering
- Chemical and Biological Engineering
- Civil, Construction, and Environmental Engineering
- Electrical and Computer Engineering
- Industrial and Manufacturing Systems Engineering
- Materials Science and Engineering
- Mechanical Engineering

Additional information on the missions of our college and departments is available at [www.engineering.iastate.edu](http://www.engineering.iastate.edu).

To be considered for a position, you must submit your application materials via our Web site [www.engineering.iastate.edu/clusters/application-process.html](http://www.engineering.iastate.edu/clusters/application-process.html). Your packet must include a cover letter indicating your department(s) of interest, vita, publication list, research and teaching plans, and at least three references. Questions can be directed to [engrcclusterhire@iastate.edu](mailto:engrcclusterhire@iastate.edu). We particularly encourage women and underrepresented minorities to apply. Iowa State University is an Equal Opportunity/Affirmative Action Employer and an NSF ADVANCE grantee with the goal of enhancing the success of women faculty in STEM fields.
FACULTY POSITION in MICROBIAL PATHOGENESIS
Department of Microbiology-Immunology
Northwestern University Feinberg School of Medicine

A tenure-track position is open for a full-time faculty researcher (Ph.D., M.D./Ph.D. or M.D.) in the areas of microbial pathogenesis (bacteria, parasites, and fungi), biodefense, immunobiology of microbial infections, normal microbial flora, or general microbiology. Rank is open, and salary is negotiable. All applicants should have substantial peer-reviewed publications that demonstrate research productivity and the ability to perform cutting-edge research. Candidates for an ASSISTANT PROFESSOR position should have postdoctoral research experience. Persons seeking appointment as ASSOCIATE or FULL PROFESSOR should have long-term research productivity and a history of grant support and academic service. Candidates should have an interest in teaching graduate and medical students. Starting date is negotiable after April 1, 2009. Application materials will be reviewed as received but, to receive full consideration, should be received by November 30, 2008. Please send complete curriculum vitae, statement of research interests, and the name and contact information of at least three references to: e-mail: nwmicroresearch@gmail.com.

Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

RESEARCH ASSOCIATE THREE, FOUR, or FIVE (MICROSCOPY IMAGING SPECIALIST)
Department of Biological Sciences.
The Socolofsky Microscopy Facility at Louisiana State University (LSU), website: http://www.biology.lsu.edu/ facilities/micro_fac/ provides a microscopy facility serving the microscopy needs of the LSU research community. Required qualifications: (Research Associate Three) Bachelor's degree in biology or related field and three years related experience or a Master's degree in a related field and five years of experience; (Research Associate Four) Master's degree in biology or related field and two years of related experience; (Research Associate Five) Master's degree in biology or related field and three years of related experience or a Ph.D. in a related field; (all levels) experience in electron microscopy. Responsibilities: prepares scanning electron microscopy SEM and TEM samples; performs image acquisition and analysis and user training; oversees a scanning electron microscope; supervises staff involved in light and electron microscopy. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is September 30, 2008, or until candidate is selected and an offer is encouraged to apply. Visit: http://www.biology.lsu.edu/faculties/micro_fac/ for more information. Please send a letter of interest, and curriculum vitae to: Charyl Thompson, Department of Biological Sciences, 202 Life Sciences Building, Louisiana State University, Reference #006213, Baton Rouge, LA 70803; e-mail: cthomp@lsu.edu. LSU is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR of BIOLOGY
Linfield College seeks tenure-track Assistant Professor of Biology beginning July 1, 2009, to develop a basic science research program involving disease systems of global health concern. Research areas may include immunology, virology, microbiology, genetics, ecology, or biological environmental hazards. Successful applicants will demonstrate a commitment to, and potential for, developing a vigorous research program with undergraduates in a liberal arts setting. Ph.D. in biology or related field is required; postdoctoral experience is preferred. Send application letter, curriculum vitae, statement of teaching philosophy, a statement of research interests and goals, undergraduate and graduate transcripts, and three letters of reference by October 17, 2008. Send letter to: Dr. Michael Weiss, Department of Biology, Linfield College, Unit A468, 900 S.E. Baker, McMinnville, OR 97128. Electronically submitted applications will not be accepted. Further information may be found at website: http://www.linfield.edu/human-resources/teaching.php.

FACULTY POSITIONS in IMMUNOLOGY
Department of Microbiology-Immunology
and Interdepartmental Immunobiology Center
Northwestern University Feinberg School of Medicine

A tenure-track position is open for a full-time faculty researcher (Ph.D., M.D./Ph.D. or M.D.) in the areas of innate immunity, immune development, immune regulation, or immunomodulation with infectious diseases. Rank is open, and salary is negotiable. All applicants should have substantial peer-reviewed publications that demonstrate research productivity and the ability to perform cutting-edge research. Candidates for an ASSISTANT PROFESSOR position should have postdoctoral research experience. Persons seeking appointment as ASSOCIATE or FULL PROFESSOR should have substantial, long-term research productivity, excellent teaching and service, and active support for extramural support. Candidates should also have an interest in teaching graduate and medical students. Starting date is negotiable after April 1, 2009. Application materials will be reviewed as received, but to receive full consideration, should be received by October 30, 2008. Please send complete curriculum vitae, a research statement, and the name and contact information of at least three references to: e-mail: immunology@northwestern.edu.

Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

ASSISTANT PROFESSOR
General Surgical Pathology with Genitourinary Expertise
Columbia University Medical Center
Columbia University seeks a PATHOLOGIST with Board certification for the position of Assistant Professor in the Department of Pathology and Cell Biology. Applicants must have completed at least one formal fellowship in general surgical pathology and in genitourinary pathology with both clinical and research expertise. Candidates must have special expertise in bladder pathology and tissue microarrays and experience in database construction. Candidates will be expected to take part in ongoing collaborative efforts by a multidisciplinary team of well-established investigators, aimed at evaluating the potential relevance of targeting signaling pathways for the treatment of bladder cancer patients. Candidates must have a New York medical license and be prepared to handle clinical responsibilities of a busy general surgical pathology practice and genitourinary pathology consult service. Applicants must send curriculum vitae, two-page research interests and plans, and two letters of recommendation to: Michael Shelanski, M.D., Ph.D. Chairman, Department of Pathology and Cell Biology, Columbia University Medical Center 630 West 168th Street Mailbox 23 New York, NY 10032


ASSOCIATE PROFESSOR
Spatial Modeling and Analysis
Department of Watershed Sciences
Utah State University

The Department of Watershed Sciences (website: http://www.cnw.usu.edu/departments/wats) at Utah State University (website: http://www.usu.edu) seeks applications for a nine-month, tenure-track position in the area of watershed or aquatic ecosystem spatial modeling and analysis. Applicants must have a Ph.D. in a natural resources or environmental sciences discipline or a closely related field and a strong background in hydrologic, geomorphic, or watershed sciences. Applicants are encouraged to begin their applications in August. More information and instructions for applying are available on website: https://jobs.usu.edu (requisition ID 051450). Review of applications will start 1 October 2008. Utah State University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

ASSISTANT PROFESSOR
University of Washington
Molecular, Cell, and Developmental Biology
Neurobiology and Physiology
Ecology, Evolution, and Conservation Biology

As part of a long-term hiring plan, the Department of Biology (website: http://www.biology.washington.edu) is conducting an open search for outstanding scientists in all areas of biology. To enhance a forward-looking faculty while maintaining traditional excellence, we are recruiting outstanding candidates with strong backgrounds in any biological subdiscipline, or novel syntheses of multiple research areas. Cell biology, development, and physiology are areas of particular interest this year. A record of outstanding academic achievement, a promising research program, and a commitment to teaching are more important than the specific research topic or study organism, as we have multiple positions spanning the breadth of biology. Tenure-track appointments at the ASSISTANT PROFESSOR rank are anticipated. Appointments at the ASSOCIATE PROFESSOR or FULL PROFESSOR rank may be considered for candidates who have demonstrated a commitment to mentoring underrepresented groups in the sciences and whose research extends beyond traditional biological disciplines. Priority will be given to applications received by 15 October 2008, at website: http://www.biology.washington.edu/faculties/. Applicants must have earned the Ph.D. or equivalent by the date of appointment. All University of Washington Biology faculty engage in teaching, research, and service. UW is an Affirmative Action, Equal Opportunity Employer. We have a culturally diverse faculty and staff and strongly encourage applications from women, minorities, individuals with disabilities, and covered veterans.

FACULTY POSITION IN IMMUNOLOGY
Department of Microbiology-Immunology and Interdepartmental Immunobiology Center
Northwestern University Feinberg School of Medicine

The Department of Medicine, University of Washington is recruiting a laboratory-based investigator to join the Division of Cardiology as a full-time faculty member. The successful applicant should have an active, well-funded research program, a strong publication record, and an interest in cell and gene therapy or a related field. The appointment will be at an appropriate rank ranging from Assistant to Full Professor, and will include a joint appointment in the Institute for Stem Cell and Regenerative Medicine, University of Washington.

We seek an applicant whose research and teaching will complement existing institutional strengths in immunology, virology, microbiology, stem cell research, genetics, gene therapy, and genomics. The successful applicant will carry out both independent and collaborative research and, if clinically qualified, would attend on the cardiology service at the University of Washington Medical Center or one of its major affiliates. Candidates must have an M.D. or Ph.D. Newly renovated laboratory space will be available in the Lake Union campus of the University of Washington, as well as a substantial startup package. Position open until filled.

University of Washington faculty engages in teaching, research, and service. Qualified applicants should send a letter of interest and a curriculum vitae to: David A. Dichek, M.D., Ph.D. Margo Weiss, Department of Medicine, University of Washington, 1959 N.E. Pacific Street, P.O. Box 357710 Seattle, WA 98195-7710. Or to Ms. Weiss, e-mail: mweiss@cardiology.washington.edu.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.
The Center for Plant Health Science and Technology (CPHST) is comprised of geographically dispersed laboratories under USDA, APHIS, Plant Protection and Quarantine (PPQ), with approximately 250 personnel nationwide and in foreign locations. CPHST is recruiting for a National Science Program Leader (NSPL): GS-401-14/15 to be located in Raleigh NC. This management position serves as NSPL for Biotechnology and functions as program manager, scientific expert, and key member of the CPHST management team. Responsibilities entail a broad range of planning, coordination, and oversight activities of central importance to the long-range program direction of Biotechnology efforts involving molecular biology, diagnostics, and plant pests or pathogens. Incumbent represents APHIS, PPQ on issues related to science policy and oversees project-planning processes for endeavors carried out at CPHST laboratories.

Search for announcement numbers 24PQ-2008-0461 and 6PQ-2008-0378 on www.usajobs.gov for full vacancy announcement and application requirements.

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BROOKLYN COLLEGE OF THE CITY UNIVERSITY OF NEW YORK

Brooklyn College is a liberal arts and science college with professional programs that offers a strong undergraduate curriculum to a diverse student body, as well as masters and doctoral training on campus and as part of CUNY. We seek to fill two faculty positions in Neuroscience and one in Microbiology. For each position, applicants should have a doctoral degree, a strong record of scholarly productivity, and the ability to develop and sustain a research program supported by external funding. All openings are tenure-track to begin in the fall of 2009, contingent on the availability of funds. Both Neuroscience positions are at the assistant or associate professor level; the biology position is at the associate of full professor level.

(1) Cognitive, Developmental, or Social Neuroscience (Psychology Department). The individual selected for this position will be expected to teach courses related to his/her specialty at the undergraduate, masters and doctoral level. Interested applicants should send their curriculum vitae, a statement of professional plans and goals, copies of representative publications, evidence of teaching experience and proficiency, and three letters of recommendation to: Professor R. Glen Hass, Department of Psychology, Brooklyn College, CUNY, 2900 Bedford Avenue, Brooklyn, New York 11210. Inquiries can be addressed to Prof. Hass by telephone (718/951-5631) or by email (GHass@Brooklyn.CUNY.edu). The review of applications for this position will begin on November 17, 2008, and will continue until the position is filled.

(2) Multidisciplinary Neuroscience. Consistent with the interdisciplinary nature of the position, the candidate should be pursuing collaborative research in the areas of neuroscience that bridge traditional disciplinary boundaries. The individual selected for this position will be expected to serve a formative role in a new interdisciplinary research and teaching initiative in the neurosciences and teach at the undergraduate, masters and doctoral level. Depending on the successful candidate’s primary focus of interest, the appointment could be in the Psychology, Biology, or other academic department. Inquiries for this position can be addressed to Dean Louise Hainline, Dean of Research and Graduate Studies by telephone (718/951-5252) or by email (Louzieh@brooklyn.cuny.edu).

(3) Zuckerman Endowed Professorship in Biology. The Biology Department at Brooklyn College CUNY has received an endowment to help support a microbiologist. Applicants for associate or full professor are expected to have a productive research record and a desire to teach at an urban institution in an expanding department. We expect the successful candidate to show leadership in developing a graduate specialization in microbiology, as well as to teach, and to establish a funded research program. Participation in the CUNY biology doctoral program is required, and participation in the CUNY doctoral program in biochemistry is also possible. Inquiries for this position can be addressed to Professor Peter Lipke by telephone (718/951-5396) or by email (plipke@brooklyn.cuny.edu).

Interested applicants for position #2 and #3 should send their curriculum vitae, a statement of professional plans and goals, copies of representative publications, evidence of teaching experience and proficiency, and three letters of recommendation to: Michael A. Hewitt, Assistant Vice President for Human Resource Services, Brooklyn College, CUNY, 2900 Bedford Avenue, Brooklyn, New York 11210. (Please indicate your position of interest). The review of applications for these positions will begin October 15, 2008, and will continue until the position is filled.

AA/E0/IRCA/ADA Employer.

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Assistant, Associate and/or Senior Scientist

The Biology Department at the Woods Hole Oceanographic Institution (WHOI) invites applications for full-time tenure track positions. We seek exceptional candidates from the biological, mathematical and physical sciences to complement our existing interdisciplinary strengths in oceanography and marine biology. We expect to fill positions at the Assistant Scientist level but appointments at higher levels will also be considered.

Research topics of particular interest this year include:

Marine microbial ecology: We seek researchers to join an interdisciplinary group in the area of marine microbiology at WHOI and will complement our continuing efforts to further the understanding of the metabolic and genetic diversity of microbial life and its impact on biogeochemical cycles in the oceans. Potential areas of expertise include microbial physiology, molecular biology, biogeochemistry, metagenomics and/or proteomics.

Conservation biology: We seek researchers developing and applying techniques related to the conservation, restoration and sustainable management of life within our oceans. Applicants using mathematical, bioeconomic, or genetic approaches to protect and manage marine biodiversity are encouraged to apply.

Candiates are expected to develop their own independent externally funded and internationally recognized research and education programs. Faculty members have the option of advising graduate students and teaching courses through the MIT-WHOI Joint Program in Oceanography. Ph.D. is required; education and experience will determine position level. Applications close October 31, 2008.

Please visit our career center to apply: http://jobs.whoi.edu

WHOI is an Affirmative Action/Equal Opportunity Employer M/F/D/V/EOE Applications are reviewed confidentially.

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Woods Hole Oceanographic Institution
**FACULTY POSITIONS**

**Shock Trauma Research Center**

The Department of Basic Medical Science, University of Missouri-Kansas City (UMKC) School of Medicine, seeks outstanding candidates for two full-time, tenure-track, ASSISTANT/ASSOCIATE PROFESSOR positions. Successful candidates will be expected to have an area of research complementary to other senior investigators in the UMKC Shock Trauma Research Center. The Center is engaged in developing a comprehensive research program in mechanisms of pathogenesis of shock, inflammation and innate immunity, and strategies for therapeutic intervention, with opportunities to develop programs in either basic science or translational research. This expanding program is based on research into hemorrhagic and septic shock, and includes molecular biology, genomics, and bioinformatics. Teaching responsibilities will be limited.

Qualifications. Candidates must have an earned doctoral degree in a relevant academic discipline and, preferably, at least three years of postdoctoral experience in biomedical research, a publication record of original peer-reviewed research, and significant potential to develop an independent, externally funded research program. Research experience in outcomes research, cell or molecular biology, immunology, or pharmacology is desirable. Preference will be given to candidates who have demonstrated experience in competing for peer-reviewed research grants.

Other contact information. For consideration, please send curriculum vitae, a summary of research experience, and the names, addresses, e-mail addresses, and telephone numbers of three individuals qualified to comment on the candidate’s academic and research skills, independent thinking and interpersonal skills to: Amy Gilmore, e-mail: gilmoreac@umkc.edu.

Applicants who are not U.S. citizens must include information on their current visa and residency status.

UMKC is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

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**ASSISTANT PROFESSOR of BIOLOGY**

Saint Michael’s College invites applications for a tenure-track Assistant Professor position to commence in the 2009-2010 academic year. Candidates must have a Ph.D. degree, demonstrated ability to develop a research program in an area that would interest pre-health care career students, and experience teaching undergraduates. Postdoctoral research experience is desirable. Teaching responsibilities total 21 contact hours per year and ideally would include two upper-level lecture/laboratory courses, in anatomy and an additional area of expertise, as well as participation in our general biology course for first-year majors. Applicants should also be interested in teaching non-majors and interdisciplinary courses.

Saint Michael’s College, a Catholic, residential liberal arts college with an undergraduate enrollment of 2,000 students, is an Equal Opportunity Employer, committed to fostering and affimating an inclusive, multicultural, multi-ethnic environment for its students, faculty, and staff. In their cover letters, applicants are encouraged to address their potential contribution to the promotion of this diversity. Applicants should demonstrate a commitment to undergraduate teaching and be supportive of the mission of the College.

To apply, send a cover letter, curriculum vitae, statement of teaching philosophy and research interests involving undergraduates, copies of undergraduate and graduate transcripts, and three letters of recommendation. Applications will be accepted until the position is filled, with formal review of applications starting October 15, 2008. Please address all application materials to: Biology Search, Human Resources, Saint Michael’s College, 1 Winooski Park, Colchester, VT 05439.
We’ve got Careers down to a Science.

Science Careers is the “go to” career site for job opportunities and career advice in the science industry. From job postings, employer profiles, and a resume database to grant information and a careers forum, Science Careers really does have it all. And best of all, everything is free! Log on to sciencecareers.org today and find out why we’re different.

Baylor College of Medicine seeks applications for a tenure-track or tenured faculty position in the Department of Biochemistry and Molecular Biology (http://www.bcm.edu/biochem/). We are especially interested in individuals with interdisciplinary research programs using and developing cutting edge technology in the areas of chemical biology, high-throughput screening, molecular biophysics, and molecular imaging. These research areas will complement existing strengths in the Department in structural and computational biology, molecular biophysics, proteomics, receptor structure/function, RNAi screening, and genetics of model organisms. The successful applicant will have the opportunity to participate in the highly interactive and collaborative research and training programs of the Gulf Coast Consortia, which include BCM, University of Texas Houston Medical School, M.D. Anderson Cancer Center, Rice University, the University of Houston, and University of Texas Medical Branch.

We offer competitive start-up and salary, commensurate with experience and qualifications. Candidates should submit electronic versions (PDF or Word files) of a cover letter, curriculum vitae, statement of research interests, and names and contact information for three references to Dr. Adam Kuspa at BMBsearch@bcm.edu.

The committee will review applications beginning October 1, 2008, and will continue until the position is filled.

Baylor College of Medicine is an Equal Opportunity, Affirmative Action and Equal Access Employer.

The Department of Biochemistry and Molecular Biology invites applications for a tenure-track faculty position at the ASSISTANT or ASSOCIATE PROFESSOR rank. The Department maintains diverse areas of research with strengths in molecular genetics, developmental biology, cell biology, signal transduction, neurobiology, and structural biology. We are seeking outstanding candidates who are pursuing cutting-edge research in molecular, cell, or developmental biology. We are especially interested in the areas of genome instability, regulatory networks, membrane and organelar biology, and mouse models of human disease.

Our Department offers a collegial, collaborative environment and has a tradition of being very supportive of new faculty. Baylor College of Medicine is located in the heart of the Texas Medical Center and is affiliated with 11 educational institutions, including the University of Texas Medical School, The UT MD Anderson Cancer Center, and Rice University, to name a few. Academic rank and salary are commensurate with experience and qualifications. Candidates should send a cover letter, curriculum vitae, statement of research interests, and names and contact information for three references.

Applications may be submitted electronically to: BMBsearch@bcm.edu or by mail to: Dr. John Wilson, BMB Faculty Search, Department of Biochemistry and Molecular Biology, Baylor College of Medicine, One Baylor Plaza, Houston, Texas, 77030.

The committee will review applications beginning September 1, 2008, and will continue until the position is filled.

Baylor College of Medicine is an Equal Opportunity, Affirmative Action and Equal Access Employer.
The Department of Biochemistry at Dartmouth Medical School invites applications for a tenure-track faculty position. Preference will be at the ASSISTANT PROFESSOR level. Outstanding investigators at higher ranks will also be considered. We are interested in outstanding individuals working in the broad areas of biochemistry, and molecular and cell biology. The Department consists of interactive scientists with research excellence in a variety of topics and a well-established multidisciplinary graduate program. The successful candidate is expected to establish an independent research program and to participate in the education of graduate and undergraduate students. Candidates should have a Ph.D. or M.D. degree and relevant postdoctoral training. For more information, visit our website: http://dms.dartmouth.edu/biochem/.

The review of applications will begin November 1, 2008. Dartmouth Medical School is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and members of minority groups.

The Department of Biology and Microbiology at South Dakota State University (SDSU) is seeking applications for a nine-month, teaching introductory biology tenure-track faculty position at the ASSISTANT PROFESSOR level. The position will be 100 percent academic programs. Earned Ph.D. in biology, molecular biology, botany, or closely related area is required. The candidate must have strong interpersonal skills, and effective written and oral communication, and information technology skills. Preference will be given to candidates with previous teaching experience.

Send a letter of application, curriculum vitae, statements of teaching philosophy, professional development in classroom teaching, research interests, and qualifications for this position, curriculum vitae, and contact information for three references through the electronic application form posted on website: https://yourfuture.sdabor.edu. For questions on the electronic employment process, contact SDSU Human Resources at telephone: 605-688-4128. Application deadline is 30 September 2008. The application review process will begin on 15 October 2008, and continue until the position is filled. For questions on the position, please contact Search Chair, Dr. Lan Xu by telephone: 605-688-5502 or e-mail: lan.xu@sdstate.edu. Applications from female and minority candidates are strongly encouraged. SDSU is an Affirmative Action/Equal Employment Opportunity Employer.

PERMANENT PRINCIPAL INVESTIGATOR scientific position available in the Mass Spectrometry Group at Brazilian Synchrotron Light Laboratory (LNLS) has an opening for a motivated scientist with a strong background in protein/proteomics research using mass spectrometry. The activities associated with the position include the supervision of the mass spectrometry laboratory as well as independent research, and supervision of Ph.D. students and postdoctoral fellows. The successful candidate is expected to have a Ph.D. degree in biochemistry or related disciplines and a postdoctoral experience in protein/proteomics research using mass spectrometry. Application letter and curriculum vitae, including the contacts of three references, should be sent to e-mail: pesq msec2008@lnls.br by October 20, 2008.