**Positions Open**

**Computational Biologist Assistant Professor Level**

The Department of Biological Sciences at the University of Tulsa (website: [http://www.bio.utulsa.edu](http://www.bio.utulsa.edu)) seeks a well-qualified individual (Ph.D. plus postdoctoral experience) to participate in the research and teaching initiatives of the new Institute of Bioinformatics and Computational Biology. Members of the Institute are drawn from faculty within the Departments of Biological Sciences and Mathematics and Computer Sciences. Beginning in Fall of 2009, the successful candidate will be expected to develop an externally funded research program in one of the following areas: bioinformatics, ecological modeling, computational biology, or systems biology. They will also participate in the departmental doctoral Program and teach discipline-appropriate courses at the graduate and undergraduate level.

The University of Tulsa is a private, comprehensive university with about 3,000 undergraduate and 1,400 graduate students and a student to faculty ratio of 11:1. Tulsa is a large urban community with several world-class museums, a zoo, and an aquarium. Tulsa’s performing arts community includes a ballet theatre, opera, philharmonic orchestra, and Theatre Tulsa. The Tulsa Performing Arts Center regularly hosts Broadway productions and acts of international repute. Located in the Green Country of Oklahoma, Tulsa has many easily accessible lakes and recreation areas, has a low cost of living, and has excellent public and private schools.

To apply, send curriculum vitae, statement of research and teaching interests, reprints, and three letters of reference to: Dr. Anton S. Müller, Computational Biology Search Committee Chair, Department of Biological Sciences, The University of Tulsa, 600 S. College Avenue, Tulsa, OK 74104. Review of applications will begin 1 November 2008, and continue until the position is filled.

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

**Evolutionary Biologist Assistant Professor**

The Department of Biology at Western Kentucky University invites applications for a nine-month, tenure-track appointment as Assistant Professor in evolutionary biology. Candidates with expertise in any field of evolutionary biology including population genetics, morphological and molecular evolution, theoretical evolution of social behavior, and evolution of behavior are encouraged to apply. Ph.D. required, postdoctoral experience preferred. Additional qualifications include ability to teach and mentor undergraduate and graduate students, and ability to establish a high level of effectiveness and excellence in research, commitment to pursuit of extramural funding, and willingness to participate in departmental and university service. Teaching responsibilities will include undergraduate and graduate courses in evolution and other subjects suitable to the successful candidate’s area of expertise. The ability to teach introductory biology or biostatistics is desirable, as is a willingness to participate in campus bioinformatics initiatives. Submit a cover letter, curriculum vitae, separate statements of teaching and research interests, and three letters of recommendation. Application materials may be sent as e-mail attachments in the form of a single PDF file to e-mail addresses: [evolution.search@wkusu.edu](mailto:evolution.search@wkusu.edu) or mailed to: Evolutionary Biology Search, Department of Biology, Western Kentucky University, 1906 College Heights Boulevard, #11080, Bowling Green, KY 42101-1080.

Review of applications will begin 1 November 2008, and continue until the position is filled. Preferred start date is August 15, 2009. For more detailed information about the Department visit website: [http://bioweb.wku.edu](http://bioweb.wku.edu). Western Kentucky University is committed to the promotion of stewardship and student engagement. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities, and disabled veterans. Western Kentucky University is an Affirmative Action/Equal Opportunity Employer.

**Tenure-Track Faculty Positions**

**Molecular Immunology and Cell Signaling**

Virginia Commonwealth University School of Medicine is establishing a new Organized Research Unit (ORU) in the areas of molecular immunology, cell signaling, and metabolism. Outstanding individuals with expertise in immune response mechanisms, cancer biology, cell metabolism and cell signaling are encouraged to apply. Members of this ORU, which is designed to foster a highly interactive environment, will share laboratory space in the new medical science building. Candidates will be considered at all ranks based upon qualifications and experience, and will have primary appointments in departments throughout the School of Medicine.

Substantial startup and salary packages are available for outstanding investigators.

VCU has a very active community of investigators and is committed to providing an outstanding research environment. More information about the School of Medicine and Departments, and this open position can be found at websites: [http://www.vcu.edu/biochem/department/](http://www.vcu.edu/biochem/department/) and [http://www.pubinfo.vcu.edu/facjobs/](http://www.pubinfo.vcu.edu/facjobs/).

Applicants should submit their curriculum vitae, names, and e-mail addresses of three references, and a summary of research and teaching interests by e-mail to: Dr. Andrew Larner (e-mail: alarner@vcu.edu), Department of Biochemistry, Virginia Commonwealth University School of Medicine.

Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women, persons with disabilities, and minorities are encouraged to apply.

**FACULTY POSITION**

University of Maryland School of Medicine Department of Medical and Research Technology

The Department of Medical and Research Technology at the University of Maryland School of Medicine in Baltimore, Maryland is currently accepting applications for a full-time faculty position focused on teaching and independent research. Applicants should have a Ph.D. degree, teaching experience in the area of cellular and molecular biology, and experience in research, commitment to pursuit of extramural funding, and willingness to participate in departmental and university service. Teaching responsibilities will include undergraduate and graduate courses in evolution and other subjects suitable to the successful candidate’s area of expertise. The ability to teach introductory biology or biostatistics is desirable, as is a willingness to participate in campus bioinformatics initiatives. Submit a cover letter, curriculum vitae, separate statements of teaching and research interests, and three letters of recommendation. Application materials may be sent as an e-mail attachment in the form of a single PDF file to e-mail addresses: [evolution.search@wkusu.edu](mailto:evolution.search@wkusu.edu) or mailed to: Evolutionary Biology Search, Department of Biology, Western Kentucky University, 1906 College Heights Boulevard, #11080, Bowling Green, KY 42101-1080. Review of applications will begin 1 November 2008, and continue until the position is filled. Preferred start date is August 15, 2009. For more detailed information about the Department visit website: [http://bioweb.wku.edu](http://bioweb.wku.edu). Western Kentucky University is committed to the promotion of stewardship and student engagement. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities, and disabled veterans. Western Kentucky University is an Affirmative Action/Equal Opportunity Employer.
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Visit www.gcgh.org/explorations for round 2 topics and complete application details.
Montpellier, Sud de France, Campus Arnaud de Villeneuve.
Seeking new group leaders

This campus supported by CNRS, INSERM and Montpellier University, is devoted to health sciences. It is directly connected to the hospital and medical school and is composed of 3 major institutes: the Institute of Human Genetics (IGH), the Institute of Functional Genomics (IGF) and the Center for Structural Biochemistry (CBS). These Institutes are dedicated to basic science in molecular medicine, and cover major disciplines including Molecular and Integrated Neurobiology, Epigenetics, Development, basic Molecular and Cellular Biology, Neurogenetics, Oncology, Molecular endocrinology and Cardiology, Molecular Pharmacology, Bioinformatics, Structural biology and Biophysics.

The scientific environment benefits from the presence of a wide range of high-tech platforms, including Genomics, Proteomics, and medium throughput screening, imaging and animal facilities, and state of the art instrumentation for structural biology and biophysics.

This campus offers enough space to welcome 10 new teams with research programs related to its main research topics. Selected group leaders will be supported to obtain starting grants from French or European agencies. Selection of candidates will be based on international scientific excellence. A particular attention will be given to innovative, high risk projects.

For more information, visit the following web sites:
IGF: http://www.igf.cnrs.fr/
IGH: http://www.igh.cnrs.fr/
CBS: http://www.cbs.cnrs.fr/
High Tech Facilities: http://ifr3.igf.cnrs.fr/plateforme/

Candidates should send a short CV, one page description of their main achievements, with a list of selected publications, a short description of their research project, and three reference letters to: Campus.AdV@igf.cnrs.fr

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COURSE

**10**

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18-29 May 2009

Application deadline : 15 November 2008

Organized by Fondation Mérieux and University of Geneva
With the co-sponsorship of European Commission, Bill and Melinda Gates Foundation, WHO, NIH/NAID and Fogarty, Johns Hopkins Bloomberg, EISPID, NVPO, Vaccine Industry

Scientific Direction
Paul-Henri Lambert, MD, Geneva, Director of the course
Stanley Plotkin, MD, Philadelphia, Senior Advisor

Objective of the course
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Top-level lectures, practical exercises - English language

Who should apply?
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Information and application forms :
www.advac.org and www.fondation-merieux.org
Contact : advac@medicine.unige.ch
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Career Focus on Ireland

Special feature in the **31 October** issue

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FRENCH RESEARCH IN TRANSITION

More funding, more autonomy and a new administrative system: over the past three years, French scientific research has undergone massive reforms. From the establishment of the National Research Agency (Agence Nationale de la Recherche, ANR) in February 2005 to new laws on research and university autonomy passed in April 2006 and August 2007, France is now on a road to modernization which aims both to simplify and rejuvenate what President Nicolas Sarkozy described last March as “an old moth-eaten system (un vieux statut mité).” By Michel Leroy, Laurent Passicouset, and Julie Clayton

Until now, research in France has been divided among five different types of organizations: universities, elite higher education institutions (the grandes écoles), national research agencies such as the National Center for Scientific Research (Centre National de la Recherche Scientifique, CNRS), foundations such as the Pasteur Institute, and private labs. The reforms are shaking up research mainly in the public system, to enhance collaboration and international competitiveness, pay structures, and recruitment of foreign scientists.

Among the 360,000 researchers in France today, 55 percent work for the private sector, mainly in four industrial fields: electronics, engineering, computer services, and pharmaceuticals. The public sector, meanwhile, struggles to attract the best new researchers, competing both with the private sector and with international labs. To make matters worse, most of the alumni from the science and engineering grandes écoles do not move on to graduate training, preferring management positions in industry to a research career. And research priorities are different, as public funding focuses on life sciences, social sciences, math/physics/chemistry, and space exploration.

More Collaboration, More Funding

One of the most significant measures of the French reforms is the law called Freedom and Responsibilities of the Universities (also known as the Autonomization Law), which was adopted three months after Sarkozy’s election. This gives university presidents more freedom to recruit staff, manage their assets and budgets, create partnerships with industry, and look for additional funding from private companies.

A key goal of this and other reforms is to enhance collaboration between different players, including with industry, even though 90 percent of the CNRS’s 1,200 departments are already joint bodies, or units, comprising university and research agency laboratories.

Public-private partnership is also encouraged as a way to attract both new funding and industry collaboration, inspired by the so-called American R&D model of a more industry-oriented approach.

“‘We need to be clear,’” says Gérard Posa, director general of the newly established Lyon 1 University Foundation. “‘France’s culture does not allow us to be copycats of the American system. Nevertheless, we have chosen the closest model we could, with clear aims and ways to achieve them: a system that works like industry does.’”

Eighteen years ago, Posa established, alongside Lyon 1, a commercial body called Ezus. Ezus brings together leading chemical and biopharmaceutical companies to invest in applied research in this city, France’s second

The reforms are shaking up research mainly in the public system, to enhance collaboration and international competitiveness, pay structures, and recruitment of foreign scientists.”

UPCOMING FEATURES
Top Employers—October 10
Focus on Ireland—October 31
Regenerative Medicine (online only)—November 7

www.sciencecareers.org/businessfeatures
“There’s no rivalry between those who want to work in state-funded research and those who want to work in the private sector.”
—Jacques Berger

largest. The venture has doubled its turnover in the past five years to €14 million ($20.2 million), and has filed several dozen patents. According to Posa, “The aim of a foundation is to work as a facilitator on a noncommercial basis. Our strength is to be on the ground. We know intimately each department and each laboratory of our university—and thus their potential.”

Despite Lyon 1 University moving slowly initially, the collaboration with Ezus has paved the way for cultural change, creating a far closer relationship and collaboration with industry.

Other institutes have followed the trend, such as the National Institute for Agricultural Research (Institut National de la Recherche Agronomique, INRA), which enjoyed a turnover of €8.2 million ($11.8 million) in 2007 and an 8 percent rise from the previous year in industry-funded research.

Competitiveness
Under the 2007 law, French universities can establish foundations for receiving donations. The foundations can then determine which research projects, facilities, or positions they wish to support, including the appointment of new chairs and the provision of competitive salaries to attract prominent researchers. “A survey identified foreign research workers who would be interested in coming to Lyon,” Posa says. “Within the next year, at least two or three new chairs will be established to welcome them.”

One of the Lyon-based investors is vaccine manufacturer Sanofi Pasteur, whose president, Jacques Berger, sees many benefits to the changes: “There’s no rivalry between those who want to work in state-funded research and those who want to work in the private sector,” he says. As a result, Berger has witnessed closer cooperation between university and industry researchers, particularly in areas where university researchers excel.

In the awarding of their funding, the foundations, like the universities, are giving priority to global competitiveness clusters identified by the government in 2005. The LyonBioPole is one of these, dedicated to virology, immunology, and diagnostics.

In mid July, the ministry selected all but one of the 10 campuses that will be revamped with such a global perspective in mind. These constitute the pilot group of a €5 billion ($7.2 billion) renovation plan, achieved through the amalgamation of universities. The universities, rather than the ministry, decide upon their involvement—an illustration of their new autonomy.

For the first time, the French egalitarian system has been abandoned: the project encompasses just 39 out of the 83 existing universities.

The first nine pilot campuses are in Bordeaux, Grenoble, Lyon, Montpellier, Strasbourg, Toulouse, Aubervilliers, Aix-Marseille, and Saclay, the last being a huge and frequently postponed project, once described as a French MIT, 20 km south of Paris. The tenth, somewhere in central Paris, will be announced in November. This list also illustrates another aspect of the French reforms—a greater devolution of power to the regions. The regions seeing the highest investment are Ile-de-France (Paris), Rhône-Alpes (Lyon, Grenoble) and Aquitaine (Bordeaux). Trailing behind are Auvergne (Clermont-Ferrand) and Alsace (Strasbourg).

Not everyone is convinced, however, that the changes will lead to better results. An American astrophysicist, David A. Smith, moved to France 15 years ago after a stopover in Pisa, Italy. He now works for the Nuclear Studies Center (Centre d’Études Nucléaires) in the southwest city of Bordeaux, in a CNRS laboratory.

“In the USA, everybody cooperates and exchanges. This is part of a long-lasting tradition. Here in France, everything is fragmented,” he laments. “I support the desire to make people work together, but administrative grouping does not automatically lead to collaborative groups of people.”

Many in the scientific community point out that they did not wait for the latest reforms before applying for funds and developing collaborative projects. “Despite having some deficit in applied science, some projects already exist,” says Jean Esterle, a professor at Bordeaux 1 University. “Last January, we launched a research study with the National Institute for Research in Computer Science and Control (Institut National de Recherche en Informatique et en Automatique, INRIA), together with the neighboring Pau University and various partners including the oil company, Total.”

Furthermore, France was the third largest beneficiary of the European Union’s 6th Framework Programme for Research and Technological Development, winning a 13 percent share of the overall sum available, i.e., €2.17 billion ($3.13 billion). This has helped enhance the country’s ability to compete in the international arena and attract foreign talent.

According to Esterle, the scientific community in Bordeaux is already internationalized. “We have among our permanent staff mathematicians from Germany, Russia, Bulgaria, the United States, China, and Iran.”

Nationally, 20 percent of the Ph.D. candidates come from outside the European Union. But the number of foreign postdoctoral scientists is dramatically lower. To redress this, the 2008 state budget has increased by 10 percent the funds aimed specifically at allowing universities to attract postdocs.

The new trend toward increasing employment of scientists from abroad is already evident in the universities, where 10 percent of newly appointed associate professors and 15 percent of full professors now come from abroad.

Attracting Talent
A major attraction for foreign researchers is that the French national research agencies and universities employ researchers on permanent civil service contracts. “Probably the most crucial step at the beginning of a career is to secure civil servant status,” says Smith of the Nuclear Studies Center. “It gives peace of mind and the ability to concentrate on one’s research.”
One research center that is actively recruiting foreign scientists—into biology, ecology, environmental science, and other areas—is INRA, where around 25 percent of candidates for permanent positions are foreigners. INRA is Europe’s largest agricultural research center, or rather collection of centers located throughout France. Civil servant salaries are given to those in permanent positions, while overheads are provided for those on short-term contracts. Individual research units seek grants from various sources, including ANR, the EU, private companies, and government ministries. To add to the international flavor, most of the French researchers hired into permanent positions have worked abroad, according to Thierry Boujard of INRA’s human resources department. “It’s really important that our researchers think international, and have an international network.”

Two years ago INRA also launched a new scheme of providing four-year contracts to foreign researchers who propose their own program of study, with salaries that are higher than those for civil servants. They are then expected to move on to positions elsewhere, but stay part of a collaborative network. “We expect that it will open collaborations for much more than the four years,” says Boujard. The institute also takes special steps to help newcomers settle in, organizing accommodation and social security, and providing intensive French language courses.

Starting Out
A prevailing concern in France is the difficulty that early career scientists have in achieving independence in a hierarchical system dominated by experienced heads of labs and departments, particularly in the universities. Most scientists starting out join an existing lab, rather than running their own as is common in the United States and United Kingdom. This is where private foundation–based research centers such as the Paris-based Institut Curie have an advantage, according to director Daniel Louvard. On the flip side, French scientists start their career earlier than their US or UK counterparts, due in part to the extended postdoctoral training required in the latter countries.

Institut Curie combines a research center and hospital focusing on the diagnosis and treatment of cancer, and specializing in breast and gynecologic cancers, and pediatric tumors. Its ranks will soon swell from 900 to over 1,000 people with the opening of a new Department of Developmental Biology in October. Six teams are already in place, and the recruitment drive is under way to complete the teams for the opening. Louvard is aiming to hire mostly junior investigators.

“We want to stimulate research by giving a chance to young investigators starting either from an existing small group or from scratch, i.e., just finishing their first or second postdoc.”

Louvard is also imposing limits on team size. “We want to avoid the formation of big empires and stimulate the interactions between these groups—there’s an incentive to collaborate because you’re not big enough.” In this way, Louvard believes the institute will gain most from its mix of research disciplines and potential for translational research, involving anything from theoretical physics and pharmacochemistry through cell biology and radiobiology to imaging and bioinformatics.

The public system is still “too complicated, too centralized, and too slow,” Louvard asserts. In contrast, “Our attractiveness is our ability to react quickly, to be adaptable,” including for the employment of foreign researchers. “A postdoc candidate can send me a CV at any time during the year, and continued »
within two weeks I can say yes or no—granting the possibility of bringing that person in the next day and guaranteeing a 12-month salary equivalent to a Marie Curie Fellowship." He is also providing up to 30 percent extra in salary to scientists who do additional activities such as teaching, training, and interacting with clinicians or with industry.

It is perhaps a testament to this flexibility that the institute has had over 500 postdocs in the past five years, representing almost 50 nationalities, "which makes good lab parties where everybody brings the traditional food of their countries," laughs Louvard. Joking aside, he believes that it is this level of international recruitment that has enabled the institute to achieve "real visibility in biomedical research."

“**We are demanding a true doctoral contract, a three-year job contract.**”
— Morgane Gorria

**Retaining Talent**
Meanwhile, at the national research agencies, some relatively recent initiatives are giving promising early career researchers their own funds and lab space, to foster their independence.

A 35-year-old specialist in molecular biology, **Fabrice Lejeune**, benefits from an **Avenir** grant from the National Institute for Health and Medical Research (**Institut National de la Santé et de la Recherche Médicale**, INSERM). Over five years Lejeune, a newly tenured scientist, gets €60,000 ($86,400) a year to pay for one postdoctoral fellow and to buy research equipment for the joint INSERM-Pasteur Institute unit in Lille, in northern France where he works. "But I still have to apply for additional funding from the ANR, and to patients’ associations like the French Muscular Dystrophy Association," Lejeune explains.

Through the **Avenir** initiative—a program started in 2001 but the effects of which are only now being felt—INSERM awards 20 grants to tenure early career scientists and 20 to nontenured ones. The competition is tough and applicants must have demonstrated academic excellence and capacity for autonomous research.

Lejeune did his Ph.D. in one of France’s leading research centers, the Institute of Genetics and Molecular and Cellular Biology (IGBMC), near Strasbourg, eastern France. Following a three year postdoc at the University of Rochester in the United States with professor Lynn Marquart, Lejeune was recruited by INSERM in 2005.

“I chose to come back to France in spite of the salary gap," Lejeune explains. “After three years as a permanent researcher, I have now reached the same salary I had in the United States at the end of my postdoc. This question of low salaries remains difficult even now with my **Avenir** program. I have hired a postdoc from Poland who has to accept the job for a gross salary of €20,400 [around $29,400] a year instead of $40,000 in the States where living costs are lower.” And even if Lejeune gets more funding for a postdoc, he will still have to follow the same salary scale at INSERM.

**Fair Compensation**
The salary issue remains a challenge in France, and is even more sensitive for people just starting on the academic ladder. The **Confédération des Jeunes Chercheurs** (Young Researchers’ Confederation, CJC), an umbrella organization of 35 scientists’ associations, proposes that Ph.D. candidates should be recognized more as professionals rather than regarded simply as students.

“We are demanding a true doctoral contract, a three-year job contract,” says its president, **Morgane Gorria**, an agronomist who has a Ph.D. in biology and currently works as a nontenured assistant professor in Le Havre University in northwestern France. “It is a funding issue and also a way to be recognized by one’s peers.”

Until now there has been no single type of contract for a Ph.D.—candidates entering doctoral programs must apply for an **allocation de recherche** (research allowance): a monthly salary of around €1,658.25 (about $2,400) paid by the government for up to three years.

Another approach is to join industry through a **Convention Industrielle de Formation par la Recherche** (CIFRE), a private contract partly funded by the government, but which is negotiated with the employer. The average yearly salary is €24,800 ($35,700). Despite the announcement of an increasing number of private-funded contracts, those in the CIFRE program remain in the minority: there are currently 70,400 Ph.D. candidates in France, but only 15,000 contracts have resulted from the launch of the CIFRE program since 1981.

The most common type of funding, however, is the **libéralités** which consist of grants from various bodies and universities, but do not include the benefits of a pension or medical insurance that would be provided by a contract. These are supposed to have been phased out (from 2004 onward), but they still exist for many researchers. The most controversial issue, however, is the change in rules on how scientists are recruited and assessed. According to the new law, universities will have the power to recruit researchers and professors on a short-term basis, although the proportion is still unknown. Moreover, the recruitment procedure has been changed to fight a long-denounced systemic favoritism. From this September, the first universities will implement the new rule that 50 percent of any ad hoc recruitment committee must comprise external members—another key step in a new era for science careers in France.

France’s road to modernization of research may not be smooth, and it may be a while before the new funding and autonomy of the universities leads to greater international competitiveness, but it is clear among the scientific community that a shake-up was sorely needed in the old system. Now at least, the reforms do appear to be taking French science in the right direction.

Michel Leroy and Laurent Passicouset are freelance journalists in Paris, France. Julie Clayton is a freelance science journalist based in Bristol, UK.

DOI: 10.1126/science.opms.r0800060
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POSITIONS OPEN

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The Department of Poultry Science (http://poultry.cas.psu.edu) is seeking to fill the Walther H. Ott Professorship in Avian Biology. The position is part of the Reproductive Biology Initiative that the College of Agricultural Sciences (http://www.cas.psu.edu) launched in 2005 to enhance and expand collaborative and interdisciplinary research and teaching efforts in animal reproductive biology.

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Applicants should submit a letter of application, curriculum vitae, separate statements addressing research and teaching interests including interdepartmental and interdisciplinary research collaborations and teaching philosophy, interests, and experience, respectively, and the names, addresses, telephone numbers and email addresses of at least three references to: Dr. Ramesh Ramachandran, Chair, Faculty Search Committee, Department of Poultry Science, The Pennsylvania State University, 213 Henning Building, University Park, PA 16802. E-mail: RameshR@psu.edu. Applications will be accepted until October 15, 2008, or until a qualified candidate is identified.

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The Department of Pediatrics, Stanford University School of Medicine, is seeking an outstanding scientist with research interests relevant to gene therapy for an appointment at the Assistant Professor level in the University Tenure Line (UTL) Professoriate (http://med.stanford.edu/genetherapy). The successful candidate is expected to establish a high quality, independent research program.

The recruitment will expand on the ongoing research in the area of gene therapy to allow for the development of program projects and the training of fellows. The successful candidate must have an M.D., M.D./Ph.D. or Ph.D. degree and evidence of a strong interest in research as demonstrated by publications or presentations at national meetings. Opportunities for clinical service activities are available but not required.

The overriding requirement for faculty appointment, reappointment and promotion within the UTL must be distinguished performance, or (in the case of junior faculty) the promise of distinguished performance. There should be a major commitment to research and teaching. There must be outstanding accomplishments in research and excellent overall performance in teaching, as well as in clinical care and institutional service appropriate to the programmatic need the individual is expected to fulfill. Such programmatic need, including financial viability, should be evaluated and must be established for each appointment, reappointment and promotion.

Contingent on professional accomplishment, the candidate will be appointed as an Assistant Professor (University Tenure Line) in the Stanford University School of Medicine. Salary will be commensurate with qualifications and experience.

Applications will be reviewed beginning September 1, 2008 and accepted until position is filled. Please send curriculum vitae, brief statement of research interests, and the names and addresses (including email addresses) of three referees to:

Peter Sarnow, Ph.D.
Chair of Search Committee
299 Campus Drive, Fairchild Research Building, D309b
Stanford, CA 94305-5124
Email: psarnow@stanford.edu

Stanford University is an Equal Opportunity Employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university’s research, teaching and clinical missions.

Faculty Position
Structural Biology Program
Sloan-Kettering Institute

The Structural Biology Program of the Sloan-Kettering Institute (www.ski.edu) invites applications for a tenure-track faculty position at the Assistant Member level (equivalent to Assistant Professor). We are interested in individuals with an outstanding record of research accomplishment in structural biology. Areas of interest include x-ray crystallography, NMR spectroscopy, EM and optical imaging, as well as the interface of structural, chemical and computational biology. Faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

Candidates should e-mail their application in PDF format to struchio@mskcc.org by December 1, 2008. The application should include a CV, description of past and proposed research (3-7 pp), and copies of three representative publications. Candidates should arrange to have three signed letters of reference in PDF format sent by e-mail to struchio@mskcc.org. The letters should be addressed to Dr. Nikola Pavletich, c/o Julie Kwan, Box 135, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, New York 10065. Inquiries may be sent to Ms. Kwan or to Dr. Nikola Pavletich, Chair, Structural Biology Program at struchio@mskcc.org. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer. Smoke-free environment.

Vice-Chair for Research/Open Rank

The Department of Anesthesiology, University of Texas Health Science Center at San Antonio, Texas (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 traditional national research is highly desirable. Given the excellent research infrastructure in neurobiology at UTHSCSA, research experience in pain medicine would be a plus.

In addition to the above qualifications, applicants must have a history of research productivity, 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, and negotiating multi-faceted awards. One or more currently funded NIH grant(s) and experience in traditional national 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. 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 – M.S.C. 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.
Program Director in Diabetes and Obesity Basic Research  
Health Scientist Administrator, GS-13/14

The Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health (NIH) is expanding its programs in diabetes and obesity research. An opportunity exists for a basic scientist to join a dedicated and dynamic group of health scientist administrators to help guide NIH funded research in diabetes and obesity.

A basic scientist with expertise in the areas molecular genetics, cell biology, molecular endocrinology, and/or cell metabolism relevant to diabetes and obesity is sought for this position. The Program Director will be responsible for oversight of research grants as well as the management and participation in team science and development of potential initiatives in these areas.

This position involves close interaction with leading researchers, scientific administration of grants and contracts, program planning and development, and the opportunity to organize and attend scientific meetings. A successful candidate will have basic research experience, with a track record of publications in research in molecular genetics, cell biology, molecular endocrinology and/or cell metabolism relevant to diabetes and obesity, excellent interpersonal and written communications skills, the ability to identify research priorities and opportunities, and the ability to track and analyze the success of initiatives and programs. In carrying out these responsibilities, the Program Director will interact with national leaders in diabetes and obesity research. Many DDEMD research activities are conducted through partnerships between the NIDDK and other components of NIH and DHHS, as well as voluntary organizations. The Program Director will play a leadership role in fostering these partnerships.

This position is subject to a background investigation. Applicants must be U.S. citizens with an advanced degree (Ph.D. or equivalent) along with relevant independent basic research. The position is located in Bethesda, Maryland. Salary and benefits will be commensurate with the experience of the applicant.

Position requirements and detailed application procedures are provided on Vacancy Announcement Numbers: NIDDK-08-286035-CR-DE and NDDK-08-286035-CR-MP, which can be obtained by accessing WWW.USAJOBS.GOV. All applications must be received by 11/07/2008. For additional information, contact Karen Page at (301) 496-4232.

Staff Scientist in Membrane Signaling  
Research Triangle Park, NC

The Laboratory of Neurobiology at the National Institute of Environmental Health Sciences is recruiting a staff scientist on a renewal appointment in the Membrane Signaling Group to organize electrophysiological studies of ion channel regulation by signal transduction pathways. The selectee will independently design, implement, analyze, and troubleshoot patch clamp studies of ion channel regulation and teach patch clamp electrophysiology to other members of the Membrane Signaling Group and members of other research groups within the Division of Intramural Research. This is a technical support position which does not involve independent resources for investigator initiated research.

Minimum qualifications include a doctoral level degree and at least ten years of post-doctoral experience applying the patch clamp technique to studies of ion channel regulation. Expertise in patch clamp of voltage-gated channels at the single channel level and their regulation by calcium and reversible protein phosphorylation in multiple physiological preparations, and success in independently designing, implementing, and analyzing successful projects must be documented by multiple publications over at least ten years in top tier physiological journals. Evidence of an appointment at the research faculty level and experience supervising student research projects is also required. Publications demonstrating additional expertise in biophysics, calcium signaling and synaptic physiology are desirable.

For details regarding ongoing projects in the Laboratory of Neurobiology, please visit website http://www.neihs.nih.gov/research/atheis/labs/in/index.cfm. Applications from women and minorities are particularly encouraged. Salary will be commensurate with experience. To apply, submit a curriculum vitae, bibliography, brief statement of research experience and interests and arrange for three letters of recommendation to be sent by October 17, 2008, to the following address. Applications received after that date will be considered as needed:

Mr. Will Williams (DIR-8-06)  
National Institute of Environmental Health Sciences  
P.O. Box 12233, Maildrop A2-96  
Research Triangle Park, NC 27709  
e-mail: dir-apps@niehs.nih.gov

Staff Clinician

The National Institute of Mental Health (NIMH), Office of the Clinical Director, seeks a Staff Clinician to serve as deputy to the NIMH Clinical Director. Responsibilities include serving as an attending physician on the NIMH Psychiatry Consultation Liaison Service and as the Associate Clinical Fellowship Training Director.

Applicants should have an M.D., be board certified in general psychiatry and have experience in psychosomatic medicine and graduate medical education. Training and/or experience in child and adolescent psychiatry is desirable. Salary is commensurate with experience and accomplishments, and a full Civil Service package of benefits (including retirement, health, life, and long-term care insurance, as well as a Thrift Savings Plan, etc.) is available.

NIMH is a major research component of the National Institutes of Health and the Department of Health and Human Services, which have nationwide responsibility for improving the health and well being of all Americans. Interested applicants should send a curriculum vitae and bibliography, together with three letters of reference to: Maryland Pao, M.D., Clinical Director, NIMH, Building 10-CRC, Room 6-5340, MSC 1276, Bethesda MD 20892-1276 USA or e-mail to paom@mail.nih.gov by November 10, 2008 or until position is filled.

(This position is subject to a background investigation and a one-year probationary period.)
THE POSITION: The Center for Scientific Review (CSR) is seeking exceptional candidates for the position of Director, Division of Physiological and Pathological Sciences (DPPS) to play a key role in a new senior leadership team to guide CSR and re-invigorate the scientific peer review process. Peer review at NIH is undergoing substantial changes to enhance the experience for reviewers, ensure the integrity of the science, and ensure that the best science is done by the best scientists. Direction and planning of wide-ranging changes in the review process will be implemented by CSR’s leadership team, of which the Director, DPPS, is a key member. The Director provides scientific leadership for the Division by tracking critical macro issues related to the broad fields of science within the purview of the division, advising the Director, CSR, and other NIH officials on scientific issues relevant to the Division and its mission, and representing CSR within and outside of NIH. The incumbent provides leadership to and management of approximately 50 Scientific Review Officers (SROs), overseeing program activities conducted by several Integrated Review Groups (IRG), supervising 5 IRG Chiefs in managing a broad range of human resources issues, recruiting and mentoring, ensuring that principles and practices related to the conduct of peer review are applied in a consistent manner across the Division, and overseeing management of the Division’s budget allocation. The Division Director serves as a key member of the Center’s senior leadership team by participating in strategic planning activities for the Center’s scientific and management goals, establishing principles and practices related to referral and review, and directing the implementation of program and management goals by establishing priorities, coordinating activities, and tracking and reporting progress. Applicants may browse the CSR home page at www.csr.nih.gov for additional information on the Center, and are encouraged to learn more about NIH’s plans for enhancing peer review at http://enhancing-peer-review.nih.gov.

QUALIFICATIONS REQUIRED: Applicants must possess an M.D., Ph.D., or equivalent degree, as well as senior-level research experience in one or more of the following scientific areas: endocrinology, metabolism, nutrition and reproductive sciences; immunological sciences; infectious diseases and microbiology; and digestive, kidney and urological systems. Candidates should be outstanding communicators, known and respected within their professions as distinguished individuals of outstanding competence, have supervisory and mentoring experience, and experience representing an organization with integrity and diplomacy. Visionary and charismatic leadership characteristics are crucial to attract and nurture outstanding professional staff to best serve the nation’s biomedical scientific mission at the NIH. Applicants should also demonstrate the ability to think strategically, work collaboratively and use a consultative approach to problem solving and decision making.

SALARY/BENEFITS: Salary is commensurate with experience, and 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). This position is subject to a background investigation and completion of an annual confidential financial disclosure report.

HOW TO APPLY: A Curriculum Vitae, Bibliography, and the names and contact information of three to five references must be received by October 17, 2008. Please submit a cover letter detailing your qualifications, what prompts your interest in this position, and your minimum salary requirements. Application packages should be sent to the National Institutes of Health (NIH), Center for Scientific Review, 6701 Rockledge Drive, Room 1117, Bethesda, Maryland 20892 or electronically e-mailed to Hanrattk@csr.nih.gov. For further information, please contact Kathleen Hanratty on (301) 435-0639. All information provided by candidates will remain confidential and will not be released outside the CSR search process without a signed release from candidates.
**THE POSITION:** The Center for Scientific Review (CSR) is seeking exceptional candidates for the position of Director, Division of Translational Clinical Sciences (DTCS) to play a key role in a new senior leadership team to re-invigorate the scientific peer review process, with primary responsibility for translational clinical sciences. Peer review at NIH is undergoing substantial changes to enhance the experience for reviewers, ensure the integrity of the science, and ensure that the best science is done by the best scientists. Direction and planning of wide-ranging changes in the review process will be implemented by CSR’s leadership team, of which the Director, DTCS, is a key member. The Director provides scientific leadership for the Division by tracking critical macro issues related to the broad fields of science within the purview of the division, advising the Director, CSR, and other NIH officials on scientific issues relevant to the Division and its mission, and representing CSR within and outside of NIH. The incumbent provides leadership to and management of approximately 50 Scientific Review Officers (SROs), overseeing program activities conducted by several Integrated Review Groups (IRG), supervising 5 IRG Chiefs in managing a broad range of human resources issues, recruiting and mentoring, ensuring that principles and practices related to the conduct of peer review are applied in a consistent manner across the Division, and overseeing management of the Division’s budget allocation. The Division Director serves as a key member of the Center’s senior leadership team, participating in strategic planning activities for the Center’s scientific and management goals, establishing principles and practices related to referral and review, and directing the implementation of program and management goals by establishing priorities, coordinating activities, and tracking and reporting progress. Applicants may browse the CSR home page at www.csr.nih.gov for additional information on the Center, and are encouraged to learn more about NIH’s plans for enhancing peer review at http://enhancing-peer-review.nih.gov.

**QUALIFICATIONS REQUIRED:** Applicants must possess an M.D., Ph.D., or equivalent degree, as well as senior-level research experience in one or more of the following scientific areas: cardiovascular and respiratory sciences; surgical sciences, biomedical imaging and bioengineering; musculoskeletal, oral and skin sciences; translational clinical oncology; and vascular diseases and hematology. Candidates should have broad clinical research experience, be outstanding communicators, known and respected within their professions as distinguished individuals of outstanding competence, have supervisory and mentoring experience, and experience representing an organization with integrity and diplomacy. Visionary and charismatic leadership characteristics are crucial to attract and nurture outstanding professional staff to best serve the nation’s biomedical scientific mission at the NIH. Applicants should also demonstrate the ability to think strategically, work collaboratively and use a consultative approach to problem solving and decision making.

**SALARY/BENEFITS:** Salary is commensurate with experience, and 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). This position is subject to a background investigation and completion of an annual confidential financial disclosure report.

**HOW TO APPLY:** A Curriculum Vitae, Bibliography, and the names and contact information of three to five references must be received by **October 17, 2008**. Please submit a cover letter detailing your qualifications, what prompts your interest in this position, and your minimum salary requirements. Application packages should be sent to the National Institutes of Health (NIH), Center for Scientific Review, 6701 Rockledge Drive, Room 1117, Bethesda, Maryland 20892 or electronically e-mailed to Hanrattk@csr.nih.gov. For further information, please contact Kathleen Hanratty on (301) 435-0639. All information provided by candidates will remain confidential and will not be released outside the CSR search process without a signed release from candidates.
The chemistry department at the Rochester Institute of Technology invites applications for a tenure track, junior faculty position in biochemistry to begin September 2009. Candidates must have a Ph.D. in biochemistry or a closely related field, a commitment to excellence in teaching with the ability to teach any of the current, principal biochemistry course offerings and a strong research background. Priority will be given to candidates with previous university teaching experience and well designed strategy for the development of an externally funded research program that includes undergraduate and graduate students, post-doctoral research experience and have demonstrated evidence of extramural grantsmanship. Candidates with research interests in the areas of RNA biochemistry and structural biology are especially encouraged to apply. We are seeking individuals who are committed to contributing to RIT’s core values, honor code, and statement of diversity.

The Rochester Institute of Technology is a privately endowed, coeducational university with an enrollment of approximately 15,000 students. The Institute’s strategic plan encourages all undergraduate students to engage in some form of experiential learning, such as research or cooperative education. The department of chemistry has 18 faculty, and supports 200 BS chemistry and biochemistry majors and 25 MS students. The department offers BS and MS degrees in chemistry, biochemistry, and polymer chemistry, and supports the MS program in materials science and engineering and Ph.D. programs in microsystems engineering and imaging science.

RIT attracts students from all 50 states and more than 90 countries. The Rochester area has a diverse population which includes African Americans (38% of the city, and 14% of Monroe County) and Latin Americans (13% of the city, 5% of the county). In addition to 7% of the population is foreign born.

Application may be done at https://mycareer.rit.edu. Apply to IRC #24124. Applicants must submit a cover letter, a complete résumé, transcripts, a substantive research plan, and teaching philosophy to this web site. Applicants must also arrange for at least three letters of reference to be sent to: Dr. L. Paul Rosenberg, Search Committee, Department of Chemistry, 85 Lomb Memorial Dr., Rochester Institute of Technology, Rochester, NY, 14623. We will initiate screening on October 15, 2008 and proceed until the position is filled.

The Rochester Institute of Technology is an Equal Opportunity/Affirmative Action Employer. All individuals with the ability to contribute in meaningful ways to the university’s continuing commitment to cultural diversity, pluralism, and individual differences are encouraged to make application.
Assistant Professorships in Systems Biology at Harvard University

Harvard University has a large and growing systems biology community composed of faculty, fellows, and trainees, housed at several locations across the Boston area. This year, faculty positions are available in four locations. Applications for positions at the rank of assistant professor (tenure track) are especially encouraged, but exceptional candidates for associate professor (untenured) positions may also be considered.

1. The FAS Center for Systems Biology (http://sysbio.harvard.edu/csb/) on the Cambridge campus has two positions available and is particularly interested to hire in the field of microbial evolution and ecology and the field of physical properties of biological systems, but will consider outstanding candidates in other fields. Each new faculty member will hold an academic appointment in a participating department, such as Molecular and Cellular Biology or Organismic and Evolutionary Biology. Access to Harvard facilities including the Center’s own Core Resource, the Center for Nanoscale Systems, the Center for Brain Science, and the Broad Institute will provide opportunities for collaborative research and technology development.

2. The MGH Center for Systems Biology (http://csb.mgh.harvard.edu/) has one position available. This position is a joint appointment with the Department of Systems Biology at Harvard Medical School. The candidate will work in close proximity to MD and PhD scientists with strong research programs in human disease. He/she will have the opportunity to establish collaborations with MGH clinicians, and with researchers and technology programs at the Broad Institute. Areas of special interest include: how disease-causing mutations perturb cellular networks to yield disease phenotypes; identification of network nodes that may be novel drug targets; epigenetics and disease; gene–environment interactions; using computational methods, quantitation, statistics, modeling and analysis of large data sets to understand mechanisms of complex disease, and to translate this understanding into new diagnostic methods, treatments, or prevention strategies. Expertise at analyzing (and/or generating) large data sets to investigate biological pathways and networks, using model organism or human samples, would be especially welcome.

3. The Department of Systems Biology at Harvard Medical School (http://sysbio.med.harvard.edu/) has two positions available. Special interests include systematic, quantitative and/or theoretical approaches to the following biological areas: variation in gene expression and function (such as variation in transcriptional control, translational control, protein degradation or protein modification); proteomics, particularly mass spectrometry; human genetics and population genetics; pharmacology, physiology and metabolism.

4. The Harvard Institute for Biologically Inspired Engineering (http://hibie.harvard.edu/). This position is a joint appointment with the Department of Systems Biology at Harvard Medical School. The special focus of this recruitment is Synthetic Biology, i.e. using genetic engineering and nanotechnology to build program-mable self assembling materials, biological factories or integrated multifunctional living microdevices. The successful candidate will become a member of a new interdisciplinary research institute composed of experimentalists, theoreticians and clinicians from Harvard University, its affiliated hospitals, and other academic institutions in the Boston/Cambridge area. The Institute’s central focus is research and advanced technology development and translation in the field of biologically inspired engineering.

Applications are due by December 1, 2008. Please submit a curriculum vitae, research proposal (≤5 pages), summary of previous research accomplishments (≤2 pages), and PDFs of ≤3 publications to http://www.lsdv.harvard.edu/csb/facultysearch/. All files must be submitted electronically in PDF or Word format. During the application process you will be asked to give the e-mail addresses of at least three colleagues who have agreed to write letters of recommendation for you. You will also need to state which position you are interested in, or whether you are interested in more than one.

Applications from, or nominations of, women and minority candidates are encouraged. Harvard University and the Massachusetts General Hospital are Affirmative Action/Equal Opportunity Employers.
FACULTY POSITION
Center for Developmental Genetics
Department of Biology

New York University’s Center for Developmental Genetics in the Department of Biology invites applications for a tenure-track Assistant or Associate Professor to begin September 1, 2009, or as negotiated, pending budgetary and administrative approval. We are seeking candidates using genetic and molecular approaches to address cellular and developmental mechanisms in model organisms. Applicants whose research is at the interface of development and neurobiology are especially encouraged to apply.

Candidates will be expected to have or develop active, externally funded research programs and to participate in the department’s teaching activities at both the undergraduate and graduate levels. The Center and the Biology Department (http://biology.as.nyu.edu) offer an outstanding and collegial research environment. Strong interactions exist with faculty in its associated Center for Genomics & Systems Biology (which is undergoing a parallel faculty search), and with other divisions within NYU including, The Skirball Institute for Biomolecular Medicine and The Center for Neural Science.

Applications should include cover letter, research statement, curriculum vitae, and three letters of reference. Electronic applications as PDF files should be sent to biology.recruitment@nyu.edu.

Selection will begin November 1, 2008, and applications received before this date will be guaranteed full evaluation. Letters of reference should be sent electronically or to: Chair of the Search Committee, Center for Developmental Genetics, Department of Biology, New York University, 1009 Silver Center, 100 Washington Square East, New York, N.Y. 10003.

NYU is an Equal Opportunity/Affirmative Action Employer.

The University of Texas at Austin invites applications for a tenure-track position as an Assistant Professor in the Section of Molecular Cell and Developmental Biology. We seek an outstanding investigator who will develop an active research program in eukaryotic Cell Biology and who will teach effectively at the undergraduate and graduate levels. The successful applicant will be joining the biology community at UT-Austin during an exciting phase of growth, with recent hires in cell biology, developmental biology, plant biology, neuroscience, structural biology, and related areas. Very generous start-up funds are available, and the successful candidate will also be eligible for affiliation with the Institute for Cellular and Molecular Biology, which provides state-of-the-art facilities and supports an excellent graduate program.

Applications received by November 15, 2008 will receive first consideration, but applications will continue to be accepted until the position is filled. Applicants should submit electronically their CV, a statement of current and future research interests and representative publications to: MCDBsearch@austin.utexas.edu. In addition three letters of reference should be mailed to:

Chair, Search Committee
c/o Maureen Meko
Section of Molecular Cell and Developmental Biology
University of Texas at Austin
1 University Station, A6700
Austin, Texas 78712

Home pages: http://www.biosci.utexas.edu/MCDB/ and http://www.icmb.utexas.edu/

The University of Texas, Austin is an Equal Opportunity Employer that values diversity in its work force. Women, minorities and faculty couples are encouraged to apply.
PICTURE YOURSELF AS A
AAAS SCIENCE & TECHNOLOGY POLICY FELLOW

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

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

Apply.
The application deadline for the 2009-2010 AAAS Fellowships is 15 December 2008. Fellowships are awarded in the spring and begin in September. Stipends range from $68,000 to $90,000.

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

Full details at: fellowships.aaas.org
The Consortium for Conservation Medicine announces 7 new positions

The Consortium for Conservation Medicine, based at Wildlife Trust in New York City, is ramping up its research program in infectious disease ecology and seeks outstanding candidates for seven positions.

**Five Postdoctoral Positions**

1. **Vector-borne disease modeler** to study the dynamics of Chikungunya and other vector-borne diseases. Excellent spatial statistical and modeling skills required.
3. **Ecologist/Modeler** to study the dynamics of viral pathogens in peri-domestic and wild animals in Bangladesh. A strong background in statistics is required.
4. **Ecologist or Veterinarian** to run field programs surveying wildlife in Bangladesh and India for our new program on pathogen discovery.
5. **Avian Influenza Ecologist/Modeler** to study the dynamics and spread of H5N1 avian influenza in China and globally.

**Two Staff Positions at CCM HQ**

1. **Program Coordinator**, who will be a recent graduate (bachelor’s or master’s level) in the biological sciences. Responsibilities include grants management, operational logistics for research programs, and international meeting coordination. International travel is required.
2. **Program Assistant**, who will be a bachelor’s degree level candidate, to manage office functions in New York. Candidate must have excellent organizational and communication skills.

Further details can be found at [www.conservationmedicine.org](http://www.conservationmedicine.org). All positions are based in New York and require some international travel. Review of applications will begin **October 15, 2008** and continue until positions are filled. Candidates should submit a full Curriculum Vitae, names and email addresses of 2 academic referees, and a cover letter by email to jobs@conservationmedicine.org stating clearly the position of interest and career goals.

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**Governor Robert W. Scott**

**Distinguished Professorship**

**Department of Chemistry**

The Department of Chemistry at North Carolina State University invites nominations and applications to fill the Governor Robert W. Scott Distinguished Professorship in chemistry. Preliminary inquiries are also encouraged. This position is one component of a major growth plan at the University with emphasis on interdisciplinary research related to life sciences and energy. The successful candidate must have a nationally and internationally recognized research program and be able to provide dynamic leadership in his or her area of research. All candidates are expected to have strong interest and ability in teaching at both the undergraduate and graduate levels. Formal requirements include a PhD in chemistry or in a related scientific field plus an established track record of accomplishments appropriate for appointment as a tenured full-professor in chemistry.

Candidates should submit an electronic copy of their curriculum vitae along with other material describing future directions of their research at: [http://jobs.ncsu.edu](http://jobs.ncsu.edu) under position number 07-48-0821. Nominations and all inquiries should be sent to the Chemistry Department Chair Mortezah_Khaledi@ncsu.edu. After a preliminary review, candidates will be contacted and asked to request letters of recommendation. However, if a candidate prefers, letters of recommendation may also be sent at the time of application and mailed to the Governor Scott Search Committee Chair, Department of Chemistry, North Carolina State University, Raleigh, NC 27695-8204. The review of applicants will begin on November 1, 2008 and will continue until candidates are selected.

We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners. AA/EEO.

In addition, NC State welcomes all persons without regard to sexual orientation. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148.

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**NC STATE UNIVERSITY**

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**TENURE TRACK FACULTY POSITION**

**ALBERT EINSTEIN COLLEGE OF MEDICINE**

The Dept of Biochemistry at the Albert Einstein College of Medicine, Yeshiva University, is seeking applications for a tenure track faculty position. Appointment at the Assistant Professor or more senior levels is possible depending on qualifications. Applicants with a proven ability to attract research funding will be given special consideration.

The ideal candidate will be developing novel and innovative approaches to fundamental questions of biological chemistry that will impact human health. Research interests of applicants must complement those of existing faculty, including programs with broad application to Biochemistry, Structural and Chemical Biology. Specific areas of interest include, but are not limited to, genomic or proteomic approaches to metabolic pathways, signaling or regulation, small molecule inhibitor design or selection, and chemical or biochemical approaches to epigenetics.

Candidates are expected to have a PhD and/or MD degree, postdoctoral experience and a strong record of accomplishment.

Applications should send a curriculum vitae and a 4-page summary of their intended research plans as a single pdf file to: BCSearch08@medusa.biol.acem.yu.edu. The deadline for receipt of applications is **December 1, 2008**. Letters from three or more references should be sent to the same email address. Other correspondences may be addressed to: Search Committee, Dept of Biochemistry, Albert Einstein College of Medicine, Jack and Pearl Resnick Campus, 1300 Morris Park Ave, Bronx, NY 10461. EOE
The University of Wisconsin-Madison School of Pharmacy Division of Pharmaceutical Sciences invites applications for TWO tenure-track faculty positions in the areas of drug discovery and delivery. Applicants must have a Ph.D. and the ability to establish an externally funded research program of high quality. Successful candidates should be willing to engage in productive interdisciplinary research, be committed to effective teaching in professional and graduate programs that serve a diverse student body, and be active in university service. Postdoctoral research experience is desirable for junior candidates.

Successful candidates will join a world-class academic institution that encourages, values and supports basic, applied, and interdisciplinary research and attracts scholars and students from around the world. The School of Pharmacy is committed to excellence in research and teaching and its faculty, staff, and students reflect the global population represented within the university. For information on working and living in Madison, visit http://www.wisc.edu/employment/madison.php.

Drug Discovery: Assistant or Associate Professor, PVL# 057141, http://www.ohr.wisc.edu/pvl/pv_057141.html. Applicants for this position must hold a Ph.D. in chemistry or a related field and possess a strong background in natural products chemistry (isolation, structure elucidation, semi-synthetic modification), rational drug design, and/or the application of chemical tools for drug target identification (chemical biology) and will be expected to engage in productive drug discovery and research development at the interface of chemistry and biology. Send materials to: Prof. Jon S. Thorson, Chair, Drug Discovery Search Committee, 608-262-3829, jsmitchell@pharmacy.wisc.edu.

Drug Delivery: Assistant or Associate Professor, PVL# 054752, http://www.ohr.wisc.edu/pvl/pv_054752.html. Applicants for this position must hold a Ph.D. in chemistry, biomedical sciences and engineering, or related fields. We seek candidates who can apply fundamental principles of science and engineering to important pharmaceutical problems, especially in the design, fabrication, and characterization of advanced materials for drug delivery. Send materials to: Prof. Lian Yu, Chair, Drug Delivery Search Committee, 608-263-2263, kdniemeny@pharmacy.wisc.edu.

Applications must be received by November 12, 2008 to ensure full consideration with appointments starting on or around July 1, 2009. Send a cover letter including PVL#, curriculum vitae, three letters of recommendation, a statement of teaching interests, and a summary of current and planned research to the named Chair, School of Pharmacy, 777 Highland Avenue, Madison, WI 53705-2222. The search will continue until the positions are filled.

UW-Madison is an Equal Opportunity/ Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply. Women and members of underrepresented minority groups are especially encouraged to apply.

Western University of Health Sciences is an equal opportunity employer.
**Deputy Director**

**UNMC Ep ply Cancer Center**

The University of Nebraska Medical Center (UNMC) Ep ply Cancer Center, a National Cancer Institute-designated Cancer Center, seeks outstanding candidates for the position of Deputy Director. This position will include a tenured appointment with academic rank commensurate with experience.

The successful applicant will oversee the clinical translational activities at the Cancer Center, and will represent the Ep ply Cancer Center in the absence of the Director. Responsibilities include maintaining an independent research program and fostering the continued development of translational research programs.

Applicants should have a history of significant peer-reviewed funding, strong interpersonal and communication skills, and evidence of successful scientific collaborations. Experience in a leadership position within an NCI-designated Cancer Center is preferred. The position includes a generous start-up package and a primary appointment in the Ep ply Institute for Research in Cancer and Allied Diseases.

Candidates should have a M.D. or M.D./Ph.D. degree and be Board Certified oncologists. Applicants must apply online to position #3110 at [https://jobs.unmc.edu](https://jobs.unmc.edu). Additional information can be found at [http://www.unmc.edu/cancercenter/](http://www.unmc.edu/cancercenter/). Candidates should forward a minimum of 3 letters of reference to:

**Kenneth H. Cowan, M.D., Ph.D.**

Director, Ep ply Institute for Research in Cancer

Director, UNMC Ep ply Cancer Center

University of Nebraska Medical Center

986805 Nebraska Medical Center

Omaha, NE 68198-6805

kcowan@unmc.edu

The University of Nebraska Medical Center is an Equal Opportunity Employer.

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**Assistant/Associate Professor in Pharmacology**

The Department of Pharmacology at North Dakota State University invites applications for a tenure-track faculty position at the rank of Assistant/Associate Professor, with appointment beginning on or after August 15, 2009. Candidates must hold a doctoral degree in pharmacology, physiology, or closely related field, have at least two years of postdoctoral experience with a strong record of scholarship, and possess good interpersonal skills and effective written and oral communication skills. Preference will be given to applicants with research expertise in areas that complement existing departmental strengths in cancer and cardiovascular research. A highly competitive salary and a start-up package will be provided commensurate with qualifications and experience. The department participates in a NIH-funded ($10.5 million) Center of Biomedical Research Excellence. Additional information about the Department and University can be obtained at [www.ndsu.edu/pharm/](http://www.ndsu.edu/pharm/).

Application deadline is **November 30th, 2008**, or thereafter until the position is filled. Submit resume, research plan, statement of teaching philosophy, and names and contact information of three references to: [jobs.ndsu.edu/applicants/Central?quickFind=50468](https://jobs.ndsu.edu/applicants/Central?quickFind=50468). For further information, please contact: Dr. Bin Guo, E-mail: [Bin.Guo@ndsu.edu](mailto:Bin.Guo@ndsu.edu) or 701-231-5164.

NDSU is an Equal Opportunity/Affirmative Action Employer. Women and underrepresented groups are encouraged to apply.

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**Chemical Biology/ Medical Research**

The OHSU Department of Physiology and Pharmacology invites applications for tenure-track faculty positions from individuals with a solid chemistry background interested in applying the tools and techniques of chemistry to biological and biomedical research. We are especially interested in candidates having a strong background in organic synthesis and research interests targeting important areas in biology and medicine.

Preference will be given to candidates for the position of Assistant Professor, but exceptional candidates for the position of Associate and Full Professor will also be considered. We seek individuals who will develop an independent research program, contribute to the teaching of medical and graduate students and interact with investigators studying drug metabolism, signal transduction, ion channel biology, G-protein coupled receptors and cardiovascular and reproductive biology.

OHSU offers a highly interactive research environment and superb opportunities for career development in a spectacular Pacific Northwest setting. A complete application consists of a curriculum vitae, a brief summary of research accomplishments, an outline of future research plans, and three letters of recommendation.

**Applications and letters of recommendation may be directed to:**

**Thomas S. Scanlan, Ph.D.**

Professor of Physiology and Pharmacology and Director, Program in Chemical Biology, Faculty Search (CB)

Dept. of Physiology and Pharmacology

Mail code L334

Oregon Health & Science University

3181 S.W. Sam Jackson Park Road

Portland OR, 97239-3098

[OHSU is an equal opportunity, affirmative action institution.](http://www.ohsu.edu/jobcareers/index.jsp)

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**Faculty Position**

**Department of Molecular Biology**

**Princeton University**

The Department of Molecular Biology at Princeton University invites applications for a tenure-track faculty position at the Assistant Professor level in Developmental Biology. We are seeking an outstanding investigator using vertebrate or invertebrate model systems to address fundamental questions in cell signaling, pattern formation, morphogenesis and/or gene expression. The University has a strong commitment to interdisciplinary studies, especially in the areas of systems biology, genomics, biophysics and neuroscience. The department has high level computing and microscope facilities, DNA array technologies, mass spectrometry, and modern transgenic mouse facilities.

Applicants should be prepared to participate in teaching at both the undergraduate and graduate levels.

For more information and to submit an application, please go to [www.molbio.princeton.edu/faculty-search](http://www.molbio.princeton.edu/faculty-search). Applicants will need to provide a cover letter, curriculum vitae and a two-page research description. We also require three letters of recommendation. All materials must be submitted as PDF files. For full consideration, applications should be received by **November 1, 2008**.

For information about applying and how to self-identify, please link to:

[http://web.princeton.edu/sites/dof/applicantsinfo.htm](http://web.princeton.edu/sites/dof/applicantsinfo.htm)

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.
The Walter and Eliza Hall Institute is Australia's leading medical research institute with nearly 600 scientists, post-doctoral fellows, technologists, post-graduate students and support staff working at three sites. It is also in the advanced planning stages of a $150 million expansion which will effectively double its floor space to 15,500 m².

Affiliated with both the University of Melbourne and the Royal Melbourne Hospital the Institute’s eight research divisions focus on cancer and haematology, molecular genetics of cancer, immunology, infection and immunity, autoimmunity and transplantation, structural biology and medicinal chemistry, molecular medicine and bioinformatics.

Replacing Professor Suzanne Cory who is due to retire in mid 2009 after a most successful period of leadership, the new Director of the Institute will be a research scholar of high international standing. He or she will be responsible for the scientific program of the Institute in consultation with the senior faculty at the Institute and abroad. The Director is also responsible for overall management and the implementation of the policies and budgets approved by the Board to achieve agreed goals consistent with the Institute’s mission which is the “Mastery of Disease Through Discovery”.

Confidential applications by 24 October 2008 should be addressed to:
Mr L A Davis AO, President of the Board, The Walter and Eliza Hall Institute of Medical Research, PO Box 367, Collins Street West, Melbourne, Vic 8007, Australia
or by email to mel.search@ezi.net

The University of Texas at Austin

Eukaryotic Molecular Biology Positions
The Institute for Cellular and Molecular Biology

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 its 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.

The Director is appointed by the Board for a five-year period renewable and is accountable to the Board. Further details are available from the consultants assisting the Board with this appointment, Egon Zehnder International, by email: chris.thomas@ezi.net or by telephone: +61 3 9678 9600.

Faculty Positions
All Ranks
Cancer and Stem Cell Biology

The Duke-NUS Graduate Medical School Singapore (Duke-NUS) is recruiting adventurous scientists to join our growing faculty as we expand into our new building in early 2009. A global partnership between Duke University and the National University of Singapore, we seek creative researchers who are focusing on discovery biology and/or translational medicine in the field of Cancer and Stem Cell Biology. Scientists studying cancer and adult stem cells are especially encouraged to apply.

Applicants should have a PhD, MD, or equivalent and a record demonstrating outstanding promise or achievement. New recruits will work alongside existing faculty and trainees with strong programs in cancer signaling and stem cell biology. Opportunities also exist for translational studies in collaboration with world-class clinical services including Singapore General Hospital and National Cancer Centre. Faculty positions at Duke-NUS include full salary, generous start-up and ongoing research funding, assuring a stable base of support that can be supplemented by competitive grant awards, which are expanding rapidly in Singapore.

For full consideration, interested candidates should submit, by December 1, 2008, a cover letter, curriculum vitae, a summary of research accomplishments and outline of future plans. Assistant professor candidates should also arrange for three letters of reference to be forwarded to:

David Virshup, Director
Program in Cancer and Stem Cell Biology
Duke-NUS Graduate Medical School Singapore
2 Jalan Bukit Merah, Singapore, 169547
email: CSCB.recruit@duke-nus.edu.sg
www.duke-nus.edu.sg
**Facility Position in Chemical Biology**

The Life Sciences Institute (LSI) at the University of Michigan invites applications for a position at the rank of Assistant or Associate Professor in the field of chemical biology. Chemical biology is broadly defined and the successful applicant will use chemical methods to address an important biological question.

The LSI is a scientific enterprise at the University of Michigan dedicated to opening new scientific paths by blending diverse research talents in important biological question. The LSI is currently home to 29 interactive faculty in the areas of biology, genetics, bioinformatics, structural biology, signaling, and chemistry.

Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. The positions will remain open until filled but preference will be given to applicants who have submitted all requested materials prior to **October 31, 2008**.

Applicants should send the following in PDF format: a curriculum vitae, copies of up to three reprints, a one- to two-page summary of research plans, and arrange to have three letters of reference (also in PDF format) sent directly to: lischembio@umich.edu.

The University of Michigan is supportive of the needs of dual career couples and is a non-discriminatory, Affirmative Action Employer. Women and minorities are encouraged to apply.

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**Faculty Position in Virology**

The Department of Microbiology at U.T. Southwestern Medical Center at Dallas seeks a new faculty member in molecular virology at the Assistant Professor (tenure track) level. The appointee will be expected to develop a front-rank, competitive, independent research program that focus on one or more aspects of the viral life cycle (host-pathogen interactions, viral pathogenesis, disruption of viral replication, command of host cell processes, viral immunology, etc.), and that will complement existing strengths in HCV, poliovirus, West Nile virus, HIV/SIV, KSHV, and viral oncogenesis.

Research on any virus of medical relevance is of interest. The appointee will contribute to the teaching of medical and graduate students. Attractive start-up packages, including a competitive salary and new laboratory space, are available to conduct research in an expanding, dynamic environment. For exceptional candidates, an Endowed Scholars Program offers start-up funds of $700,000 (plus $300,000 towards salary support) over a four-year period. Candidates should have a Ph.D. and/or M.D. degree with at least three years of postdoctoral experience and an exceptional publication record.

Candidates please forward a c.v., three letters of recommendation, two or three representative publications, and a brief summary of future research to Dr. Michael V. Norgard, Chair, Department of Microbiology, U.T. Southwestern Medical Center, 6000 Harry Hines Blvd., Dallas, TX 75390-9048 (michael.norgard@utsouthwestern.edu).

**U.T. Southwestern is an Equal Opportunity/Affirmative Action Employer.**
FACULTY POSITIONS

GENOME DYNAMICS
ASSISTANT OR ASSOCIATE PROFESSOR

The Department of Genetics, Development, and Cell Biology at Iowa State University (http://www.gdcb.iastate.edu/) seeks to fill a tenure-track faculty position at the Assistant Professor or Associate Professor level in the area of genome dynamics using molecular, cellular and genetic methods. Potential areas of interest include, but are not limited to, chromosome biology or engineering, transposon biology, epigenetic gene regulation, and recombination. The successful candidate will be expected to establish a vigorous, extramurally funded research program and to actively participate in graduate and undergraduate teaching. Candidates with an interest in developing intellectual property that could contribute to economic growth are encouraged to apply, and support networks are available to facilitate such efforts. The Department is actively seeking to increase diversity and is sensitive to the needs of dual-career couples. Applicants should have a Ph.D. or other terminal degree. To view entire vacancy #080691 and apply, create an electronic application at http://www.iastatejobs.com that includes a cover letter briefly summarizing qualifications, curriculum vitae, a statement summarizing past, present and future research plans, and a brief statement of teaching interests and philosophy. Applications should arrange for three letters of reference to be sent to: Systems Biology Search Committee, Iowa State University, Department of Genetics, Development and Cell Biology, 1210 Molecular Biology Building, Ames, IA 50011 or to Gdbcsearch-SB@iastate.edu.

SYSTEMS BIOLOGIST
ASSISTANT PROFESSOR

The Department of Genetics, Development and Cell Biology (http://www.gdcb.iastate.edu/) invites applications for a tenure-track faculty position at the level of Assistant Professor. We seek highly qualified applicants from all backgrounds relevant to Systems Biology. Specific areas of interest include, but are not limited to: analysis of developmental, neural, metabolic or regulatory networks, using experimental and computational or modeling approaches. The successful candidate will be expected to establish and maintain a vigorous, independent, extramurally funded research program, and to participate in undergraduate and graduate teaching. Qualified candidates must have a Ph.D. or other terminal degree, and demonstrated potential for excellence in research and teaching. The Department is sensitive to the needs of dual-career applicants and is committed to increasing diversity within the university community. To view entire vacancy #080873 and apply, create an electronic application at http://www.iastatejobs.com that includes a cover letter briefly summarizing qualifications, curriculum vitae, a statement summarizing past, present and future research plans, and a brief statement of teaching interests and philosophy. Applicants should arrange for three letters of reference to be sent to: Systems Biology Search Committee, Iowa State University, Department of Genetics, Development and Cell Biology, 1210 Molecular Biology Building, Ames, IA 50011 or to Gdbcsearch-SB@iastate.edu.

To guarantee consideration the applications must be received by November 14, 2008.

Applications from women and members of under represented groups are strongly encouraged. Iowa State University is an EO/AA Employer.

Senior Associate Dean for Research
College of Medicine

The College of Medicine seeks an individual with outstanding leadership and innovation skills to be its new Senior Associate Dean for Research.

An exceptional person is required for the leadership team of an already-successful faculty intent on reaching new levels of achievement. The Senior Associate Dean for Research will be a superb scientist, recognized internationally, with a strong commitment to interdisciplinary clinical and basic research. The successful candidate will have experience and strengths in planning, developing, implementing, and evaluating strategies to achieve faculty, College, and University goals.

The University of Kentucky (UK) has articulated a vision to be one of the United States’ twenty best public research universities and is moving aggressively to achieve this goal. UK faculty attracted over $290 million in extramural funding in 2006 and was ranked 19th among public institutions for scholarly productivity in 2007. The UK Chandler Medical Center is the major site of research activity on campus, one of only ten medical centers nationally to include all of the health-related professions. In the last three years alone, health research and contracts in the College of Medicine have increased by nearly 20 percent – reaching $127 million in total budgeted grants and contracts and $66 million in NIH funding in fiscal year 2007.

This growing enterprise requires a visionary leader. Reporting directly to the Dean of the College, the Senior Associate Dean for Research will provide leadership to the faculty of Medicine in its research endeavors.

This individual represents the College in research matters to the wider University and plays a significant role in University management and the formation of research policy. The person in this position also contributes significantly to research policy at the state level and, more generally, to the raising of community awareness.

The initial appointment will be for three years. The appointee will also hold an academic appointment as full Professor with tenure in the College faculty. A nationally-competitive package of salary and benefits will be negotiated with the successful candidate.

The University is located in the beautiful Bluegrass Region of Lexington, Kentucky, the horse capital of the USA. Recently ranked as one of the “safest, most creative, and brainiest” cities in the nation, Lexington is an ideal location to experience the work-life balance we strive to provide for all our employees. Additional information can be obtained from our web-site at http://dev.mc.uky.edu/medicine/administration/SADRsearch.asp. Interested individuals should forward their curriculum vitae, a statement of administrative philosophy, and the names of three references to: Cheryl Songer, Search Committee Administrator, Office of the Dean, University of Kentucky Medical Center, 138 Leader Street, Lexington, KY, 40506-9983.

Upon offer of employment, successful applicants must pass a pre-employment drug screen and undergo a national background check as required by University of Kentucky Human Resources.

The University of Kentucky is an equal opportunity employer and encourages applications from minorities and women.

see blue.
FACULTY POSITIONS
BIOLOGY DEPARTMENT
BOSTON COLLEGE

We invite applications for two tenure-track faculty positions in the Boston College Biology Department, one at the level of ASSISTANT PROFESSOR and one at the level of ASSOCIATE or FULL PROFESSOR. The university provides competitive start-up funds and research space with the expectation that the successful candidate will establish, or bring to the university, a vigorous, externally funded research program.

We seek colleagues whose research meshes with current faculty interests in molecular and cell biology, developmental biology, genetics and genomics, signal transduction, structural biology, neuroscience or metabolism (http://www.bc.edu/biology). Special consideration will be given to candidates utilizing advanced live cell imaging or computational biology to address basic or clinically relevant problems in cell or developmental biology. In addition to directing an active research program, the successful candidate will be expected to train graduate students and participate in the undergraduate teaching mission of the department. This appointment will begin on or after July 1, 2009.

Applicants should submit PDFs of their curriculum vitae, statement of present and future research plans, and the names and contact information of three references to: BCFacultySearch@gmail.com. Applications should be received by December 15, 2008 to assure full consideration. Review of applications will continue until the positions are filled.

Boston College is an Affirmative Action, Equal Opportunity Employer committed to improving diversity.

Chief of Pulmonary Division

The Department of Medicine at Stanford University is recruiting a Chief of the Division of Pulmonary and Critical Care Medicine. The faculty position is at the Associate Professor or Professor level in the University Tenure Line, and the successful candidate will be an accomplished physician investigator with a national/international reputation. Candidates should be board certified in Pulmonary or Critical Care Medicine or both. The Chief will be expected to recruit additional faculty to support both laboratory and clinical research, to strengthen further an already strong clinical practice of the faculty, and to enhance the current competitive fellowship program. The Division currently has strong programs in Lung Transplantation, Pulmonary Hypertension (affiliated with the Wall Center), Cystic Fibrosis, Critical Care, and Interstitial Lung Disease. The Division of Pulmonary and Critical Care benefits from an outstanding scientific and clinical environment at Stanford, including other clinical Divisions and Departments, basic science departments, Bioengineering, and the Stanford Institutes, including the Stanford Cardiovascular Institute, Stanford Institute for Stem Cell Biology and Regenerative Medicine and the Stanford Cancer Center.

Candidates should submit a detailed letter of interest, curriculum vitae, and the names of three references to:

Lawrence L.K. Leung, M.D.
Chair of the Search Committee
Stanford University
703 Welch Road, Suite H1
MC: 5751
Stanford, CA 94305-5751

Stanford University is an Equal Opportunity Employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university’s research, teaching and clinical missions.

FACULTY POSITION
BIOLOGY DEPARTMENT
BOSTON COLLEGE

We invite applications for two full-time, non-tenure-track faculty appointments with three-year renewable contracts in the Biology Department at Boston College. Eligible candidates will have postdoctoral research experience and teaching experience in Organismal Biology or Ecology. We seek individuals committed to excellence in undergraduate teaching and in mentoring undergraduate research students. Teaching duties include participation in introductory biology, upper division lecture and laboratory courses, and a course in the applicant’s area of expertise. Applicants with expertise in ecology, evolution (e.g. population genetics/biology), vertebrate/invertebrate anatomy, zoology, and/or physiology are of special interest. The Department is housed in the newly renovated and expanded Higgins Hall and provides state-of-the-art classroom and laboratory facilities and competitive salaries and benefits.

This appointment will begin on or after August 1, 2009.

Applicants should submit a cover letter, curriculum vitae, a statement of research plans suitable for undergraduates, sample course syllabi, a statement of teaching philosophy and arrange to have three letters of reference sent to: BC Biology Search@gmail.com. Applications should be received by December 15, 2008 to assure full consideration. Review of applications will continue until the position is filled.

Boston College is an Affirmative Action, Equal Opportunity Employer. In concert with our Jesuit, Catholic mission, Boston College is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to undergraduate and graduate education, and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans.

Assistant Professor of Plant-Fungal Evolutionary Genomics
School of Integrative Biology

The School of Integrative Biology and the Department of Plant Biology seek an outstanding early career scientist with a background in evolutionary genomics of plant-fungal interactions for a full-time, tenure-track faculty position at the assistant professor level. Candidates must have a Ph.D. in Plant Biology, Mycology, Genetics or related field by start date. The ideal candidate’s research will use genomic techniques to investigate the bases for the establishment and maintenance of host-fungal interactions, the influence of environmental conditions on host-fungal interactions, or the effects of host-fungal interactions on the responses and fitness of plant hosts. This research may integrate genomic, genetic, physiological, ecological and evolutionary methods to gain insight on how and why plant-fungal interactions have evolved.

The successful candidate will have the opportunity to be part of a dynamic and well-established biology faculty, as well as a broadly based genomics community in the Institute for Genomic Biology. The ideal candidate would have the pedagogical skills and broad background needed to participate effectively in introductory level teaching as well as the scholarly insight to develop upper level offerings in evolutionary genomics and related topics. The proposed starting date is 16 August 2009. Salary is commensurate with experience.

To ensure full consideration, applicants must submit a CV including email address, a statement of research and teaching interests, and the names and addresses of three references no later than December 1, 2008. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. Please send application materials preferably in electronic format to sib@life.illinois.edu or mail to the Evolutionary Genomics Search Committee, School of Integrative Biology, University of Illinois, 286 Morrill Hall, 505 South Goodwin Ave., Urbana, IL 61801 (phone: 217/333-3044; fax: 217/244-1224).

The University of Illinois is an Affirmative Action, Equal Opportunity Employer.
Immunology Research Center
National Health Research Institutes (NHRI)
Taiwan

The newly established Immunology Research Center at the National Health Research Institutes (NHRI) in Taiwan invites applications for multiple tenure-track/tenured faculty positions at the rank of Assistant, Associate, or Full Professor (the equivalents of Assistant, Associate, and Full Professor). Highly qualified candidates are sought with research interests in all areas of Immunology and Signal Transduction, especially in the areas of cell signaling and gene regulation, innate immunity, cancer immunology, hematopoietic/cancer stem cells, Treg/Th17 cells, and gene targeting. Applicants should have a Ph.D. and/or M.D. degree as well as extensive postdoctoral experience. Selection will be based on excellence in research and the potential to maintain an outstanding research program. Investigators will have the opportunity to train graduate students from several affiliated universities. A generous annual intramural support will be provided.

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

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

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

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**Faculty Positions**

**Stem Cell Biology**

Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center invites applications for junior tenure-track faculty positions in the Program in Developmental Biology. Individuals studying embryonic or adult stem cells in vivo in any system will be considered for the position. SKI is located in a rich environment for stem cell studies in New York State and is committed to the support of stem cell research (http://stemcell.ny.gov/).

The Developmental Biology Program offers a highly interactive and exciting research environment, with expertise in stem cell biology as well as mouse, Drosophila, and C. elegans development. Sloan-Kettering Institute offers outstanding infrastructure and resources to support research (www.ski.edu). New faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program.

Candidates should e-mail their application in PDF format to devbio@mskcc.org by November 1, 2008. The application should include a Curriculum Vitae, a description of past research, a description of proposed research, and copies of three representative publications. Candidates should arrange to have three letters of reference sent in PDF format by e-mail to devbio@mskcc.org. The letters should arrive by November 1, 2008. Inquiries may be sent to Ms. Lennon at devbio@mskcc.org or to Dr. Kathryn Anderson, Chair, Developmental Biology Program, Sloan-Kettering Institute. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer. Smoke-free environment.

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**Overseas Medical Center**

**Medical Director**

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 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.
Faculty Position in Cryo-Electron Microscopy

The Life Sciences Institute (LSI) at the University of Michigan invites applications for a position at the rank of Assistant or Associate Professor in the field of Cryo-Electron Microscopy (Cryo-EM). The successful applicant should use Cryo-EM methods to address important biological questions. The LSI will offer state-of-the-art computing and imaging instrumentation, including a 200 kV FEG TF20, a 120kV G2 Spirit, and a 100kV Morgagni (all CCD equipped), with plans for further equipment expansion in the near future.

The LSI is a scientific enterprise at the University of Michigan dedicated to opening new scientific paths by blending diverse research talents in a state-of-the-art collaborative physical space (www.lsi.umich.edu). The LSI is currently home to 29 interactive faculty in the areas of cell biology, genetics, bioinformatics, structural biology, signaling, and chemistry.

Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. The position will remain open until filled but preference will be given to applicants who have submitted all requested materials prior to November 15, 2008. Applicants should send the following (in PDF format): a curriculum vitae, copies of up to three reprints, a one- to two-page summary of research plans, and arrange to have three letters of reference (also in PDF format) sent directly to: lsicryo-em@umich.edu.

Women and minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is a non-discriminatory, Affirmative Action Employer.

Research Faculty
Computational and Systems Biology

The Computational Biology Program at MSKCC (www.chio.mskcc.org) is seeking innovative investigators for tenure-track positions at the Assistant, Associate, or Full Member level. Pursue basic research, solve biological problems with major emphasis on computational methods, and build active bridges to experimental and clinical research. Participate in an innovative expansion of research programs at one of the best clinical-scientific institutions in the world. Work in MSKCC's new Zuckerman Research Center, on Manhattan’s Upper East Side, in close proximity to Rockefeller University and the Cornell Weill Medical College. Train graduate students in the Gerstner Sloan-Kettering Graduate School, the Weill Cornell Graduate School of Medical Sciences and in tri-institutional graduate programs.

Areas of special interest include chemical biology, physics, developmental biology, neurobiology, genetics and cancer biology. Applicants should have a doctoral-level degree and the potential to develop an independent, interdisciplinary research program. MSKCC offers a highly interactive, supportive and dynamic research environment with programs in Computational Biology, Developmental Biology, Molecular Pharmacology & Chemistry, Cancer Biology & Genetics, Structural Biology, Immunology, Cell Biology, Molecular Biology, and Human Oncology and Pathogenesis, as well as unparalleled clinical programs in cancer research, treatment and prevention. Check out the Sloan-Kettering Institute (SKI) website (www.ski.edu) for more information.

Email your application (PDF to compbio@mskcc.org preferably by November 1, 2008. Detailed instructions at www.chio.mskcc.org/facultysearch. Need more information? Email Dwan at: agostad@mskcc.org. Department Chair: Chris Sander. MSKCC is an affirmative action, equal opportunity employer.

Facility Positions
Developmental Biology
Sloan-Kettering Institute

Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center invites applications for junior tenure-track faculty positions in the Program in Developmental Biology. Successful candidates will carry out independent research programs addressing problems in any aspect of Developmental Biology. Topics of particular interest include organogenesis in zebrafish or other vertebrates. Sloan-Kettering Institute offers a highly interactive and exciting research environment with outstanding infrastructure and resources to support research (www.ski.edu). New faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program.

Candidates should e-mail their application in PDF format to devbio@mskcc.org by November 1, 2008. The application should include a Curriculum Vitae, a description of past research, a description of proposed research, and copies of three representative publications. Candidates should arrange to have three letters of reference on letterhead sent in PDF format by e-mail to devbio@mskcc.org. The letters should arrive by November 1, 2008. Inquiries may be sent to Ms. Lennon at devbio@mskcc.org or to Dr. Kathryn Anderson, Chair, Developmental Biology Program, Sloan-Kettering Institute. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer. Smoke-free environment.

Memorial Sloan-Kettering Cancer Center
www.mskcc.org

Assistant Professor
Department of Neurobiology
Harvard Medical School

The Department of Neurobiology, under the leadership of its newly appointed chair Michael Greenberg, invites applications for a tenure track position with a rank of assistant professor. We seek an outstanding scientist addressing molecular or genetic mechanisms underlying behavior, sensation, and/or the function or development of neural circuits in either vertebrates or invertebrates.

This position offers outstanding scholarly and scientific resources in a collegial and collaborative department with strong ties to related departments throughout Harvard University, the Harvard-affiliated teaching hospitals, and the Boston neuroscience community. The position provides the opportunity to join a growing coalition of researchers at Harvard Medical School interested in molecular and quantitative approaches to neuroscience and systems biology.

The position also offers the opportunity to teach exceptional graduate and medical students with strong interests in neuroscience and related fields. Candidates must have a Ph.D., M.D. or equivalent graduate degree.

Applicants should send a C.V., a 1-page summary of research contributions, and a 1-page description of plans for future work by December 5, 2008. Applicants should arrange to have 3-5 letters of recommendation sent to the search committee. Send all materials to:

Molecular Neuroscience Search Committee
Department of Neurobiology
Harvard Medical School
220 Longwood Ave.
Boston, MA 02115

http://neuro.med.harvard.edu/site/index.html

Assistant Professor
Department of Neurobiology
Harvard Medical School
FACULTY POSITIONS in BIOLOGY

The Department of Biology, College of Charleston, invites applications for two tenure-track positions at the Assistant Professor level to begin August, 2009. Candidates must possess a Ph.D. in the biological sciences or a closely related field, a strong commitment to teaching, and an active research program with the potential for undergraduate involvement.

NEUROPHYSIOLOGY

This position will enhance our Interdisciplinary Neuroscience Program (http://www.cofc.edu/neuroscience), which also includes faculty from the Departments of Psychology and Physics. Teaching assignments will include lecture and laboratory courses in the neuroscience program, and an upper division course in the candidate’s area of specialization that complements the current neuroscience curriculum.

MARINE GENOMICS

This position is part of our new Marine Genomics Program, which involves the College’s Grice Marine Laboratory (http://www.cofc.edu/grice) and several nearby federal and state institutions. Teaching responsibilities will include undergraduate courses in genetics and molecular biology, and undergraduate and graduate courses in genomics that will also serve as offerings in our interdisciplinary program in Discovery Informatics (http://di.cofc.edu).

Further information about these positions and application instructions can be found at the website http://www.cofc.edu/biology/hiring.html. Application materials should be submitted prior to 15 October 2008.

The College of Charleston is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

Faculty Position in Immunology

The Department of Molecular Genetics and Microbiology at the University of New Mexico School of Medicine (http://hsc.unm.edu/som/micro/) is seeking an Assistant Professor with research interest in immunology. The successful applicant will be an active participant in departmental activities including medical school teaching. Exceptional applicants at the Associate Professor rank will also be considered. Salary and rank commensurate with qualifications and experience.

Minimum Requirements:
- Ph.D., M.D. or equivalent
- 2 years of postgraduate research experience in immunology
- eligible to work in the United States

Desirable Qualifications:
- strong record of scientific accomplishments
- high probability of receiving external funding
- potential for research and educational interactions with members of the Department of Molecular Genetics and Microbiology
- potential synergy with UNM Health Sciences Center signature programs (hsc.unm.edu/som/bmb/Signature%20Research%20Prgms/infectious_diseases_and_immunity.shtml)

UNM places a high priority on the success of its junior faculty. The successful applicant will be given protected time and mentoring by senior faculty to ensure success in extramural funding.

Applicants must submit a CV, a letter addressing career goals and qualifications, a brief research plan including a clearly stated significance section and the names of 3 references to:

Dolores Tarín, Department Administrator,
MSC08 4660
1 University of New Mexico
Albuquerque, NM, 87131

For best consideration apply by December 1, 2008. The position will remain open until filled. Reference job posting #7701.

UNM is an Equal Opportunity/Affirmative Action Employer and Educator.

Columbia University

IN THE CITY OF NEW YORK

Neuroscience Faculty Recruitment

The Department of Neuroscience at Columbia University Medical Center, as part of a University-wide Neuroscience Initiative, is recruiting faculty concentrating on the analysis of neural circuitry through molecular, genetic, cellular electrophysiological and/or imaging approaches. We are particularly interested in individuals whose research program explores neural circuits in genetically tractable model systems and in the context of well-defined behaviors, synaptic connectivity, and/or development. We encourage applications for positions at the Assistant Professor level, but will also consider applications from more senior investigators for positions at the level of Associate or full Professor.

Columbia University currently has a world-renowned program in neurobiology and behavior, and the Neuroscience Initiative aims to enhance interactions between basic and clinical neurosciences and link the neurosciences to other scientific disciplines within the University. Faculty will be affiliated with the Department of Neuroscience and the Doctoral Program in Neurobiology and Behavior and there will be opportunities for strong ties with scientific departments and programs on the Morningside Heights campus.

Applications for this round of recruitment are requested by November 14, 2008. A CV, cover letter including statement of interests, and three letters of reference under separate cover should be e-mailed care of David Leyden, dgl2102@columbia.edu. In addition, please mail a hard copy of these documents to:

Chair, Neuroscience Search Committee
c/o: David Leyden
Columbia University
Hammer Health Sciences Center
Room 2-205G
701 West 168th Street
New York NY 10032

Columbia University takes affirmative action to ensure equal employment opportunity.
POSTDOCTORAL FELLOWSHIP
Plant Molecular Biology/Cell Biology

The Nestlé Research and Development Centre in Tours, France invites applications for a Postdoctoral Fellowship in Plant Molecular Biology.

Candidates should have a Ph.D. and have broad experience in plant molecular biology as evidenced by published research in the field. Experience in other areas such as plant cell culture, seed biochemistry, and bioinformatics would be a plus. The successful candidate will be a creative, self-motivated individual with the ability to work and communicate efficiently with both research colleagues and business managers.

The position initially will be for 18 months. For consideration, please send a resume with the names of three references, and a cover letter expressing your interest by post to: Manuela Guerin, Nestlé Research and Development Centre, 101 Avenue Gustave Eiffel, BP 49716 - 37097 Tours Cedex 2, France.

INFORMATION AND APPLICATIONS:

For more information and applications, please contact: research@uic.edu.

THE UNIVERSITY OF ILLINOIS At Chicago invites applications for a joint faculty position at the rank of ASSISTANT PROFESSOR in NATURAL SCIENCES and the LEARNING SCIENCES beginning Fall 2009.

The position is offered as part of a university-wide interdisciplinary initiative in the Learning Sciences (website: http://www.lsi.uic.edu), which currently has four split-appointment faculty members in addition to over 100 other faculty. A Ph.D. Program for Learning Sciences has recently been approved and has enrolled its first students. The Natural Science Departments (Biological Sciences, Chemistry, Earth and Environmental Sciences, Physics) situated in the College of Liberal Arts and Sciences have strong programs in teaching and in all areas of basic research, including vibrant Ph.D. programs.

We seek applicants with a record of research and publication focusing at the nexus of an area of natural science and the learning sciences. Candidates may hold a Doctorate in a natural science or a closely related field, or may hold a Master’s degree in a natural science in addition to a Doctorate in the learning sciences or a closely related field. They should have a demonstrated record of research focusing on the support of science learners at one or more levels. Position responsibilities include helping carry out a program of research and scholarship at the national level and teaching graduate courses in the Learning Sciences Program and the Natural Science Department where the person will be appointed.

Applicants for the position must submit curriculum vitae and statement of research and teaching interests. These should be submitted electronically to e-mail: lsssearch@uic.edu. Three letters of recommendation should be forward to the Learning Sciences/Natural Sciences Search Committee in care of Monica Soto (e-mail: msoto7@uic.edu). Please contact Monica Soto for surface mail address if you are unable to submit electronically. Review of applications will begin on October 27, 2008, and continue until the position is successfully filled.

UIC is an Affirmative Action/Equal Opportunity Employer seeking applicants who are from diverse backgrounds and for whom disability status is an advantage. Final authorization of the position is dependent upon availability of state funding.

THREE ASSISTANT PROFESSOR POSITIONS IN BIOLOGY
San Francisco State University

Plant Physiology

Bioinformatics or systems biology. Qualifications are a Ph.D. degree and postdoctoral training. Candidates must be committed to teaching, mentoring undergraduate (M.S. level) and graduate students (Ph.D. level) and developing a competitive, externally funded research program. For additional information, visit our website: http://www.sfsu.edu/~biology. Review of applications begins 15 November 2008, and continues until a suitable candidate is chosen. The Department of Biology at San Francisco State University, advancing global health and the biosphere.

SFU and the Department of Biology are committed to a diverse professoriate that reflects the diversity of our students and individuals from underrepresented minority groups. SFU is an Equal Employment Opportunity/Affirmative Action Employer.

Indiana University, South Bend seeks tenure-track ASSISTANT PROFESSOR of CELL BIOLOGY. Successful candidate will establish an ongoing research program, promote undergraduate research, teach cell and introductory biology, and develop courses in areas of expertise. A Master’s degree and several years of teaching experience required. Send curriculum vitae, statements of research interests and teaching philosophy, and three letters of reference to: Dr. Tom Clark, Chair of Search Committee, Department of Biology, Indiana University South Bend, 17407 Northside Avenue, South Bend, IN 46634; e-mail: tclark@iusb.edu. Completed applications must be received by December 15, 2008. Position begins August 2009. IU South Bend is an Affirmative Action/Equal Opportunity Employer and encourages applications from all qualified candidates.

SCIENTIFIC ECOLOGICAL ANTHROPOLOGIST

The University of California, Santa Barbara, Department of Anthropology, Integrative Anthropology and Pathogenesis (IAP) is offering a Scientific Ecological Anthropologist for tenure-track position at ASSISTANT PROFESSOR level. Possible specializations include human ecology, behavioral or evolutionary ecology, cooperation and common pool resources, indigenous resource management, dual inheritance theory, ethnobiology, subsistence ecologies, nutritional ecology, reproductive ecology, life history theory, ecological genetics, demography, and epidemiology. Applications should be postmarked by November 14, 2008. For more details see website: http://www.anth.ucsb.edu.

Molecular Mechanisms of Retroviral Pathogenesis and Therapeutics

The Ohio State University

The Center for Retrovirus Research (CRR), Department of Microbial Biology and Infectious Diseases (MBID) of the College of Veterinary Medicine (CVM) and the Public Health Preparedness in Infectious Diseases Program (PHPIP) are offering a tenure-track faculty position at the ASSISTANT/ASSOCIATE PROFESSOR level. The successful candidate will establish an ongoing research program. The University of Pennsylvania and the Ohio State University are involved in collaborative research in the CRR and broader OSU community leading to programmatic initiatives, and have a strong commitment to graduate education. Research focus areas include virology, cancer, immunology, endocrinology, and bacteriology.

Applications should be submitted via e-mail as a single PDF document and include curriculum vita, summary of research program and future directions, and list of publications (with correspoding telephone, telecom, e-mail address) of at least four individuals from whom letters of reference may be solicited. Academic rank and salary are negotiable. Review of applications will begin December 1, 2008, and continue until the position is filled. Address correspondence to Dr. Patrick Green, Chair of the Search Committee (e-mail: green.466@osu.edu). Full job description and additional details at website: http://vet.osu.edu/jobs.htm.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Minorities, veterans, women, and individuals with disabilities are encouraged to apply.

CELL BIOLOGY FACULTY POSITIONS

The Department of Cell Biology and Genetics of the University of North Texas Health Science Center at Fort Worth invites applications for multiple state-supported, tenure-track positions. Ranked among the top 50 medical schools for seven consecutive years, the University of North Texas Health Science Center is a 53-acre graduate school located in the city’s Cultural District with a local economic impact of $500 million annually.

The successful candidates must have a M.D., Ph.D., D.O., or equivalent degree and have funded research programs in the broad areas of cell and/or developmental biology and contribute to the teaching mission of the University. Current areas of research excellence include cancer biology, virology, plant cell biology, life history theory, ecological genetics, and forensic genetics. Competitive salary and generous start-up packages are provided. Consideration of applications will start immediately and the positions will remain open until suitable candidates are selected. Candidates at all ranks are encouraged to apply.

Candidates should apply and submit their curriculum vitae through the Human Resources online applicant tracking system at website: http://www.untjobs.com. A letter of interest, summary of past research accomplishments, future research plans, current funding status, a statement of teaching objectives and/or interests, and the address of three individuals for recommendations should be mailed to:

Dr. Robert J. Wordinger
Chairman
Department of Cell Biology and Genetics
3500 Camp Bowie Boulevard
University of North Texas Health Science Center
Fort Worth, TX 76107

The University of North Texas Health Science Center at Fort Worth is an Equal Employment Opportunity/Affirmative Action Institution.
The Department of Agricultural Biotechnology at Seoul National University (SNU) invites application for two tenure-track faculty positions beginning March 2009 in each area of Biochemistry and Food Enzymology. Applicants should submit their applications online at http://professor.snu.ac.kr, and could find details of the application processes at this website. Additional application documents after online submission should arrive by October 13, 2008 (Korean local time). As evidenced, SNU offers a highly collaborative research environment that promotes interactions at the faculty, department, and college levels. Visit us at http://www.snu.ac.kr and the college website (http://cals.snu.ac.kr).

The Boston Biomedical Research Institute seeks investigators in skeletal muscle research to join our programmatic initiative in Regenerative Biology and Degenerative Disease research. This program builds on BBRI’s strengths in skeletal muscle biochemistry, proteomics, developmental biology and mouse model research. Scientists who employ proteomic, biochemical, cell biological or genetic approaches to investigate challenging biomedical research problems in skeletal muscle biology and disease are encouraged to apply. Candidates must have a Ph.D., M.D., M.D./Ph.D., or equivalent degrees. Faculty positions are available at ranks equivalent to Associate or Full Professor, commensurate with research experience.

BBRI is a dynamic independent research institute located within minutes of Boston area research universities and medical centers and is the host institution for a new NIH-funded Wellstone Cooperative Research Center for basic and therapeutic studies of Facioscapulohumeral Muscular Dystrophy (FSHD). In addition to the Regenerative Biology and Degenerative Disease program BBRI has recently launched disease-focused research programs in Integrative Protein Biology, Cancer Biology, and Cardiovascular Biology. These research programs provide unique opportunities for resources and collaboration for new faculty doing skeletal muscle research. BBRI faculty are a diverse and highly collaborative group of structural biologists, biochemists, molecular biologists, cell biologists, and mathematical biologists, who utilize state-of-the-art technologies and innovative approaches to further our understanding of molecular mechanisms relevant to biology. The Institute provides an extensive benefit package to all BBRI employees.

Applicants should send their curriculum vitae and a statement of research interests by mail or electronically to the following address:

RBDD Faculty Search Committee
Attn: Ms. Angela DiPerri
Boston Biomedical Research Institute
64 Grove St
Watertown, MA 02472
Email: diperrri@bbri.org

Electronic applications are preferred.

Boston Biomedical Research Institute is an Equal Opportunity Employer.
Hiring is contingent upon eligibility to work in the United States.

Assistant/Associate Professors
Magnetic Resonance Imaging and Nanomedicine, and Pharmacogenomics
Department of Pharmaceutical Sciences
University of Maryland School of Pharmacy

As part of our translational initiative, the Department of Pharmaceutical Sciences is actively recruiting outstanding scientists in (1) Magnetic Resonance Imaging and Nanomedicine, and (2) Pharmacogenomics. The positions are a 12-month tenure-track faculty position at the rank of Assistant/Associate Professor commensurate with qualifications.

Magnetic Resonance Imaging and Nanomedicine candidates should be familiar with MRI instrumentation. Familiarity in F-19 and other non-proton MRI is particularly welcome. Applicants should have a Ph.D. or equivalent degree in the area of MR physics, engineering or related field. Pharmacogenomics candidates should have a Ph.D. or equivalent terminal degree in pharmacogenomics, pharmacology or related field. Successful applicants for both searches are expected to have or establish an independent and innovative research program and to contribute to teaching at both the professional and graduate levels.

Please submit a letter of intent, CV, statement of research and teaching philosophy, and three letters of references by mail to: Ruth McLean, Department of Pharmaceutical Sciences, University of Maryland School of Pharmacy, 20 Penn Street, Baltimore, MD 21201-1180, or email at rmclean@rx.umaryland.edu. Please quote: Pharmacogenomics search Position Number: 05-178-39, or Magnetic Resonance Imaging and Nanomedicine search Position Number 05-178-38. The deadline is December 1, 2008, visit us on the web: http://www2.pharmacy.umaryland.edu/pse/.

The University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action Employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. All candidates are subject to a background check.

Harvard University

is recruiting tenure-track faculty at the Assistant Professor level for the new multi-disciplinary Department of Stem Cell and Regenerative Biology (SCRB), Harvard’s first joint Department bridging the Faculty of Arts and Sciences and the Medical School.

The Department’s research and teaching focus includes developmental biology broadly interpreted, stem and progenitor cell biology, tissue and organ formation, and tissue regeneration, repair, and aging. These topics are studied at the molecular, cellular, and organismic levels across a number of organ systems. We are seeking faculty with a history of innovative, interactive research using human or other mammalian or non-mammalian systems and an interest in teaching undergraduate, graduate and/or medical students. We are particularly interested in applicants applying novel tools to advance regenerative medicine and physician-scientists with strong scientific credentials who are interested in clinical translation. Faculty will join a dedicated core of scientists and physician-scientists emphasizing stem cell and regenerative biology to inform the understanding of human disease.

Applications, including curriculum vitae, reprints of publications, statement of present and future research plans (1-3 pages), and three letters of recommendation should be addressed to Professors Doug Melton, Paola Arlotta and Amy Wagers, SCRB Search Committee, and submitted using the web-form available on the SCRB website (http://scrb.harvard.edu). We strongly encourage applications from women and minority candidates. The submission deadline for applications is November 30, 2008.

Harvard University is an Equal Opportunity/Affirmative Action Employer.
FACULTY POSITIONS in CELL BIOLOGY and MICROBIOLOGY

The Department of Biological Sciences, University of Wisconsin, Milwaukee (UWM) invites applications for two tenure-track faculty positions as part of a campus-wide expansion in molecular biology. The successful candidates will develop extramurally funded research programs and contribute to the education of undergraduate and graduate (M.S. and Ph.D.) students. Applications for the positions described below must include a Ph. D. or equivalent degree and postdoctoral experience.

ASSISTANT PROFESSOR in MOLECULAR CELL BIOLOGY. Preference will be given to individuals studying basic cellular processes in multicellular organisms using cell, molecular, and/or genetic approaches. To apply, please go to website: http://www.jobs.uwm.edu/applicants/CentralQuickFind=50599.

ASSISTANT PROFESSOR in MOLECULAR MICROBIOLOGY. Candidates should have broad interests in molecular microbiology. Areas of research may include, but are not limited to, microbial physiology, biochemistry, genome analysis, regulation of gene expression, and interactions of microorganisms with each other and with host organisms. To apply, please go to website: http://www.jobs.uwm.edu/applicants/CentralQuickFind=50198.

A complete job description is available immediately. Send curriculum vitae, statement of research goals, evidence of effective leadership capabilities and an established record of outstanding scholarly achievements and teaching. Responsibilities include administrative management of the Institute, Cancer Grantmanship, and demonstration of scholarly contributions, and assisting in didactic teaching within the Program curriculum. Required qualifications include an earned doctoral degree; effective communication skills; demonstrable management and administrative capabilities in the area of exercise physiology; and experience in dietetics or closely related field; and evidence of established and well-recognized research productivity in one of the above disciplines. Preferred qualifications include evidence of effective mentorship of faculty and students; working in interdisciplinary settings; development and implementation of curricula; and promoting departmental vision. Applicant screening begins October 15, 2008.

To apply, an application letter addressing qualifications, responsibilities and a brief narrative on leadership philosophy; curriculum vitae; and the names, e-mail addresses, and contact information of three references should be sent to: Dr. Mark Garritson, Search Chair, e-mail: garris@uwm.edu. Washington State University is an Equal Employment Opportunity/Affirmative Action Educator and Employer (search #5134).

FACULTY POSITION in BIOPHYSICS Center for Cell and Genome Science and the Department of Physics

University of Utah

The Center for Cell and Genome Science and the Department of Physics invite applications for a tenure-track faculty position in biophysics at the ASSISTANT PROFESSOR level. More senior applicants seeking a higher-level appointment are also welcome to apply. We seek creative and independent scientists working in any area of cell biology or genome science who are pursuing quantifiable research in a fundamental biological problem, using biophysical approaches. The applicant will be expected to provide novel methods from the physical sciences. Successful applicants will be expected to establish a vigorous independent research program and contribute to teaching. The successful candidate will be provided with outstanding infrastructure support as a member of the Center for Cell and Genome Science with a primary appointment in the Department of Physics, and will also have access to graduate students from Programs in Biology, Molecular Biology, Biological Chemistry, and Neuroscience. Please send in PDF format curriculum vitae, representative publications, research plan, and three letters of reference to: Nancy Kuhrte, Search Chair, e-mail: kuhrte@biology.utah.edu, CCGS Search Committee, Building 084, University of Utah, 257 South 1400 East, Salt Lake City, UT 84112-0840. Candidates must hold a Ph.D. degree or equivalent, preferably in physics or biophysics. Review of applications will commence November 1, 2008, and will continue until the position is filled. The University of Utah is an Equal Opportunity/Affirmative Action Employer and encourages applications from women, minorities, qualified individuals with disabilities and veterans. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

EVOLUTIONARY BIOLOGY or EVOLUTIONARY ECOPHYSIOLOGY ASSOCIATE PROFESSOR

University of Michigan

The Department of Ecology and Evolutionary Biology at the University of Michigan invites applications for an Assistant Professor position in evolutionary biology or its intersection with ecology. The position will have a university-year appointment. We seek outstanding individuals with research and teaching interests in any area of evolutionary biology or evolutionary ecology; including evolutionary and ecological genetics and genomics, population and quantitative genetics, phylogenetics of communities, evolutionary theory, phylogenetics, and evolution of morphology, function, and behavior. For further information, please see website: http://www.eeb.lsa.umich.edu.

To apply, send curriculum vitae, research statement, statements of current and future research plans and teaching philosophy and experience, evidence of teaching excellence, five letters of recommendation, and publication list to: Evol Search Committee, Department of Ecology and Evolutionary Biology, 830 N. University, 2019 S Kraus Building, University of Michigan, Ann Arbor, MI 48109-1048 or to e-mail: eebsearch@umich.edu. Review of applications will begin on November 15, 2008, and continue until a suitable candidate is identified. Women and minorities are encouraged to apply, and the University is supportive of the needs of dual-career couples. The University of Michigan is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOW in MOLECULAR CARCINOGENESIS

The Department of Environmental and Occupational Health, University of Pittsburgh, is seeking a Postdoctoral Fellow with experience in mouse biology, molecular/cellular biology or pathology to analyze genetic changes and investigate the mechanisms of environmentally induced lung carcinogenesis in mice. The position is available immediately. Send curriculum vitae and names of three references to: Mark S. Gerkin, Department of Environmental and Occupational Health, 100 Technology Drive, Pittsburgh, PA 15219. E-mail: phol1@pitt.edu. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer.
FACULTY POSITIONS IN PROTEOMICS

The Boston Biomedical Research Institute seeks investigators in proteomics research to join our growing initiative in Integrative Protein Biology. This research program builds on BBRI’s strength in protein biochemistry and molecular biophysics. Recent faculty hires and a major expansion of instrumentation are now driving incorporation of proteomics and systems biology approaches to address challenging biomedical research problems with increasingly comprehensive and innovative approaches. Scientists who employ proteomics approaches, including but not limited to quantitative mass spectrometry-based techniques, to investigate important problems in biology that have relevance to human disease are encouraged to apply. Candidates must have a Ph.D., M.D., M.D./Ph.D., or equivalent degrees and several years of post-doctoral research experience. Faculty positions are available at ranks equivalent to Assistant, Associate, or Full Professor, commensurate with independent research experience.

BBRI is a dynamic independent research institute located within minutes of Boston area research universities and medical centers. In addition to the Integrative Protein Biology program, BBRI has recently launched and expanded three disease-focused research programs in Cancer Biology, Cardiovascular Biology, and Regenerative Biology. These research programs provide unique opportunities for resources and collaboration for new faculty in the Integrative Protein Biology program. BBRI is composed of a diverse and highly collaborative group of structural biologists, biochemists, molecular biologists, cell biologists, and mathematical biologists, who utilize state-of-the-art technologies and innovative approaches to further our understanding of molecular mechanisms relevant to biomedicine. The Institute provides an extensive benefit package to all BBRI employees.

Applicants should send their curriculum vitae and a statement of research interests by mail or electronically to the following address. Applicants should also have three letters of reference forwarded to the same address to complete their application.

IPB Faculty Search Committee
Attn: Ms. Angela DiPerri
Boston Biomedical Research Institute
64 Grove St
Watertown, MA 02472
Email: diperr@bbri.org

Electronic applications are preferred. Deadline for receipt of applications is December 1, 2008.

Boston Biomedical Research Institute is an Equal Opportunity Employer. Hiring is contingent upon eligibility to work in the United States.

FACULTY POSITION IN DEVELOPMENTAL NEUROBIOLOGY

The Saban Research Institute of Children’s Hospital Los Angeles and Keck School of Medicine, University of Southern California invites applications for a tenure-track position of Assistant Professor in the Department of Pediatrics, with the possibility of a joint appointment in the USC College of Letters, Arts and Sciences. The position will be based in the newly constructed Saban Research Institute building and will include membership in the University wide USC Neuroscience Program. Qualifications include a Ph.D., or M.D./Ph.D. degrees, and appropriate postdoctoral experience. We are particularly interested in applicants who are using vertebrate model systems to study neural patterning, synapse formation or plasticity, but individuals studying other aspects of nervous system development are also encouraged to apply. The successful candidate is expected to establish and maintain an extramurally funded research program with international visibility. Competitive start up funds and state-of-the-art research space will be provided.

Applications should submit a copy of their CV, a statement of research interests, and the names of three references by December 1, 2008 to: Richard Simerly, Ph.D. Director, Neuroscience Program, The Saban Research Institute, Childrens Hospital Los Angeles, Keck School of Medicine, University of Southern California, 4650 Sunset Blvd., MS #135, Los Angeles, CA 90027.

The University of Southern California and Childrens Hospital Los Angeles are AA/EOE Employers.
HEAD, DEPARTMENT OF BIOLOGICAL SCIENCES
Carnegie Mellon University

Carnegie Mellon University is seeking a Head for the Department of Biological Sciences. The Department has 25 tenure-track faculty members with research foci on molecular and cellular mechanisms using model organisms and genetic, biochemical, structural, imaging, computational and physiological methodology (website: http://www.cmdu/bio). The successful candidate will have a track record in his/her field and demonstrate a record of scholarship commensurate with appointment to the rank of Full Professor. The new Head will lead a significant expansion of the Department with both junior and senior faculty and will benefit from a generous startup package. Faculty in the Department are members of the Molecular Biosensor and Imaging Center, the Pittsburgh Nuclear Magnetic Resonance Center for Biomedical Research, the Center for the Neural Basis of Cognition, the Center for Nucleic Acids Science and Technology, the Bone Tissue Engineering Center, and the recently established Ray and Stephanie Lane Center for Computational Biology, and interact with other research units within the University and at the neighboring University of Pittsburgh. Carnegie Mellon University is consistently ranked as one of the nation’s top universities and offers a unique interdisciplinary environment.

Please send curriculum vitae and bibliography to:
Adam Linstedt, Department of Biological Sciences, Carnegie Mellon University, Pittsburgh, PA 15213, or to e-mail: linstedt andrew@cmu.edu

Carnegie Mellon University offers outstanding health, retirement and tuition benefits and is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups underrepresented in academia are especially encouraged to apply.

AQUATIC ECOLOGIST
University of Wisconsin, Madison

The Department of Zoology invites applications for a tenure-track position as ASSISTANT PROFESSOR, beginning August 2009.

Applicants must have a Ph.D. degree and a history of publication in any area of aquatic sciences, such as fish and fisheries ecology, food web interaction and other topics of interest. Teaching will include courses at the undergraduate and graduate level.

Information about the Department may be found at website: http://www.wisc.edu/zooology.

Please send curriculum vitae, statement of research and teaching interests, and three letters of recommendation to:
Professor, Chair, Aquatic Ecology Search Committee, Center for Limnology, 680 N. Park Street, University of Wisconsin-Madison, Madison, WI 53706. Telephone: 608-262-3014; fax: 608-265-3430; e-mail: dkkam@wisc.edu.

Applications accepted via post and e-mail. Deadline: for full consideration, apply by 12 November 2008.

An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. Unless confidentiality is requested in writing information regarding applicants must be released upon request. Finalists cannot be guaranteed confidentiality. Employment may require a criminal background check.

The University of New England invites applications for a tenure-track FACULTY POSITION with a research focus on molecular and cellular mechanisms using model organisms and genetic, biochemical, structural, imaging, computational and physiological methodology (website: http://www.une.edu/hr/jobs/astrophilanbio. Asp). Applicants should submit electronic copies of their curriculum vitae, statements of teaching philosophy and research interests, and contract information for three references to Ms. Isabelle Yokana at e-mail: iyokana@une.edu. Review of applications will begin October 20, 2008. UNE is an Equal Opportunity/Affirmative Action Employer and strongly encourages candidates of diverse backgrounds.

FACULTY POSITION
Department of Biochemistry and Molecular Biology
The University of North Dakota School of Medicine and Health Sciences

Applications are invited for a full-time, tenure-track faculty position at the ASSISTANT PROFESSOR level. Applicants must have a Ph.D. degree with at least two years of postdoctoral experience in gene expression related to cancer, neuroinflammation, metal toxicology, or epigenetics. Applicants who have experience in bioinformatics are especially encouraged to apply. Applicants for Associate level must have a record of scholarly work and funding commensurate with rank. The candidate will participate in a nationally recognized patient-centered learning medical school curriculum as well as teach in a graduate program that offers M.S., Ph.D., and M.D./Ph.D. degrees. The Department currently has 10 primary and four joint faculty members with research interests in regulation of dopamine transporter, drug resistance mechanisms, calcium signaling, chromatin structure and dynamics, degenerative pathways in osteoarthritis, mechanisms of acute lung injury, role of complement in sepsis and sepsis-related toxicology in cancer. The successful candidate will enjoy access to a modern animal facility, computational chemistry and biology network, light, electron and confocal fluorescence microscopy facility, and proteomics/mass spectrometry core facility. The University of North Dakota has approximately 13,000 students is located in Grand Forks, a family-friendly community with excellent public schools and many cultural, recreational, and sporting activities. Further information on the position can be found at website: http://www.med.und.nodak.edu/depts/biochem/index.html and on the local area at websites: http://www.und.nodak.edu and http://www.grandforksgov.com. Applicants should submit a cover letter, a statement of research and teaching interests, and three letters of reference to:
Chair, Search Committee, Department of Biochemistry and Molecular Biology, University of North Dakota School of Medicine and Health Sciences, P.O. Box 9037, Grand Forks, ND 58202.

Applications will be reviewed beginning immediately and the search will remain open until the position is filled.

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

DEPARTMENT OF CHEMISTRY, Loyola University Chicago

Packing final approval, the Department of Chemistry seeks to hire a tenure-track ASSISTANT or ASSOCIATE PROFESSOR in biochemistry. Applicants from all areas of biological chemistry will be considered, however preference will be given to candidates with research interests in experimental biophysical chemistry or biomolecular structure and function. A Ph.D. in chemistry or biochemistry is required. The successful candidate will be expected to maintain an internationally competitive, externally funded research program and participate in graduate and undergraduate teaching. The Department offers Ph.D., M.S. and American Chemical Society-approved undergraduate teaching. The Department offers a graduate research and engage bright, motivated undergraduate students in that research. The successful candidate will teach courses in cognitive psychology, introductory psychology, and areas of special expertise. There are many opportunities for research and undergraduate involvement both on and off campus.

The Olin Neuropsychiatry Research Center (website: http://www.nrc-iol.org/) is a big blocks away. Review of application materials will begin on November 5. Applications must be received by 12 November 2008. Send curriculum vitae, a statement of your research and teaching interests, three letters of reference, evidence of teaching effectiveness, additional information on the position can be found at website: http://www.trincoll.edu/departments/psychology. Teaching and research interests, and at least three letters of reference.

An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. Unless confidentiality is requested in writing, applicants must be released upon request. Finalists cannot be guaranteed confidentiality. Employment may require a criminal background check.

ENVIRONMENTAL RESEARCH ANALYST
Conduct research and analyze commercial land for potential development with emphasis on environmental effects including physical and health hazards. Analyze data to interpret correlations between commercial property development and environmental effects. Conduct feasibility studies for development of physical plans. Review plans, designs, layout, and physical requirements for commercial areas provided. Review data to interpret correlations between commercial property development and environmental effects. Conduct feasibility studies for development of physical plans. Review plans, designs, layout, and physical requirements for commercial areas provided. Review data to interpret correlations between commercial property development and environmental effects. Conduct feasibility studies for development of physical plans. Review plans, designs, layout, and physical requirements for commercial areas provided.
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NORTHERN ARIZONA UNIVERSITY
CENTER FOR SUSTAINABLE ENVIRONMENTS
DIRECTOR/PROFESSOR

The Center for Sustainable Environments at Northern Arizona University invites applications for Professor and Director of the Center, starting in August 2009. Minimum qualifications include a Ph.D. in an environmentally related field, and experience in educational, research and outreach activities in environmental science, natural sciences or natural resources. Preferred qualifications include (1) recognized record in teaching and research in environment and natural resources; (2) demonstrated leadership in successful development and management of interdisciplinary environmental science, natural science or resources programs; (3) experience in creating synergy between university programs and outside activities; (4) proven ability to develop innovative programs and engage partners and funders; (5) demonstrable commitment to integrating academics, research excellence and effective outreach; (6) experience with or commitment to working effectively in a culturally diverse environment. See http://www.nau.edu/hr. Please send a pdf file containing application materials (letter of interest, CV, transcripts, names and contact information for at least three references, evidence of scholarship and teaching effectiveness [e.g., teaching evaluations or syllabi]) to jamie.baxter@nau.edu and inquiries to: Scott Anderson, Chair, Director of Search Committee, Center for Sustainable Environments, Box 5694, Northern Arizona University, Flagstaff, AZ 86011-5694 or scott.anderson@nau.edu.

McDaniel College invites applications for a tenure track appointment at the Assistant Professor level in Invertebrate Zoology, with marine emphasis, to begin Fall 2009. Responsibilities include courses in Invertebrate Zoology, Marine Biology and other courses in the applicant’s area of expertise, as well as participation in introductory courses and senior research projects. Expertise in organismal biology, an interest in field research with undergraduates, and allied expertise in associated fields, perhaps Animal Physiology or Oceanography, will enhance the application. Applicants must be willing to participate in the College’s First Year Seminar and other general education programs. PhD strongly preferred; ABD required.

Applicants should send a letter of application, curriculum vitae, three letters of reference, a statement of teaching philosophy, and a statement about research to be done with students to: Dr. Wilbur Long, Biology Department, McDaniel College, 2 College Hill, Westminster, MD 21157-4390. Electronic applications should be addressed to wlong@mcdaniel.edu. Application review will begin on October 27, 2008.

One of forty colleges and universities nationwide known for its success at changing the lives of its students, McDaniel College is a selective liberal arts college located in central Maryland, an hour’s drive from Baltimore and Washington, DC. Its primary commitment is to outstanding teaching and to fostering critical and creative thinking and humane and responsible action.

McDaniel College, an AA/EO and an award-winning ADA Employer, welcomes applications from women and men of diverse racial/ethnic backgrounds.

Harold M. Weintraub Graduate Student Awards – 2009

The Fred Hutchinson Cancer Center is seeking nominations for outstanding Graduate Students for the Harold M. Weintraub Graduate Student Award to recognize outstanding achievement during Graduate Studies in the Biological Sciences. Awardees will participate in a scientific symposium honoring Hal Weintraub and his commitment to innovative science.

The tenth annual Award Symposium will be held May 1-2, 2009. Graduate Student Awardees will be selected from among those nominated on the basis of quality, originality, and significance of their work, as well as to represent a diverse range of research topics. The Hutchinson Center Weintraub and Groudine Fund, established to foster intellectual exchange through the promotion of programs for graduate students, fellows and visiting scholars, will cover expenses for the Graduate Student Awardees.

One nomination may be submitted per Department or Program. The nomination should be submitted by the Department or Program Chairperson and include the student’s CV, a one-page description of the thesis work conducted, and a recommendation letter from the student’s mentor. Additional information concerning the Award and nomination process can be found at the website listed below.

The nomination should be submitted ONLINE by December 15, 2008 – following the instructions at the website: http://www.fhcrc.org/science/basic/weintraub/. Questions regarding this Award should be addressed to Susan Parkhurst (susanp@fhcrc.org).

CONFERENCES - Science Careers - online @sciencecareers.org
The Department of Veterinary Biosciences, the Ohio State University is offering a tenure-track faculty position at the ASSISTANT/ASSOCIATE PROFESSOR level in the area of zoos and aquaculture. Successful candidates will have a Ph.D., D.V.M., or M.D. postdoctoral experience, documented evidence of high quality research, and a commitment to teaching and research at a major research university. Candidates will be expected to establish an externally funded (Associate Professor) independent research program focused on microbial pathogenesis, and become involved in collaborative research in the College of Veterinary Medicine and broader university community. This position is part of a new university-wide Targeted Investment in Excellence in Public Health Preparedness and Infectious Diseases. Very competitive salaries, start-up packages, and excellent BSL-3, DNA, RNA, and protein core facilities are available. Applications should include curriculum vitae, statement of career goals, summary of current research activities, and the names (with complete mailing, phone, fax, and e-mail address) of at least four individuals from whom letters of reference may be solicited. Review of applications will begin October 1, 2008, and continue until the position is filled. Address all correspondence electronically (preferred) or by mail to: Dr. Hideko Yokana, Search Committee Chair, Department of Veterinary Biosciences, College of Veterinary Medicine, The Ohio State University, 2125 Coffey Road, Columbus, OH 43210. Full job description and department details at http://www.vet.ohehio-state.edu/jobs.htm.

Ms. Isabelle Yokana
The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

ANTIMAL PHYSIOLOGIST POSITION

The Department of Biological Sciences at Western Michigan University (WMU) invites applications for an ANIMAL PHYSIOLOGIST (ASSOCIATE PROFESSOR level beginning fall 2009, pending budgetary approval. A Ph.D. and relevant postdoctoral experience are required. Responsibilities will include teaching an undergraduate human physiology course for majors, other related courses, and an upper-level course in the applicant’s area of expertise. Other responsibilities include establishment of a vigorous extramurally funded research program and supervision of undergraduate and graduate students. The Department’s B.S., M.S., and Ph.D. programs. Western Michigan University is a student-centered research university with a strong commitment to research excellence in the life sciences. Working with the Advancement of Teaching has placed WMU among the 76 public institutions in the nation designated as research universities with high research activity. Applicants should visit website: http://www.wmich.edu/hr/jobs/ at the website to apply. Please submit curriculum vitae, and statement of teaching philosophy and research interests. In addition, please send three letters of recommendation to: Dr. C. Linn, Chair, Animal Physiologist Search Committee, Department of Biological Sciences, Western Michigan University, 1903 W. Michigan Avenue, Kalamazoo, MI 49004-5108; telephone: 269-387-5618; fax: 269-387-5609; e-mail: cindy.linn@wmich.edu. Review of applications will begin October 1, 2008, and continue until the position is filled. Western Michigan University is an Affirmative Action/Equal Opportunity Employer.

The University of New England invites applications for a tenure-track FACULTY POSITION in DEVELOPMENTAL BIOLOGY. Details are available at website: http://www.une.edu/hr/jobs/biosstat.asp. Applicants should submit electronic copies of their curriculum vitae, statements of teaching philosophy and current research interests, and three letters of recommendation to Ms. Isabelle Yokana at e-mail: iyokana@une.edu. Review of applications will begin October 20, 2008. UNE is an Equal Opportunity/Affirmative Action Employer and strongly encourages candidates of diverse backgrounds.

The Biology Department of Gonzaga University invites applications for two tenure-track ASSISTANT PROFESSOR positions in computational or quantitative biology, beginning fall 2009. The specific area of expertise is open (e.g., bioinformatics, genomics, development, neuroscience, microbial ecology, ecosystems, etc.). We specifically seek to increase our cultural diversity with incentives. Required qualifications: Ph.D. in biology or equivalent, evidence of teaching effectiveness. Postdoctoral experience is preferred. Applications should consist of: cover letter, curriculum vitae, research statement and plans for undergraduate participation, teaching statement, and three letters of recommendation. Applications should be received by 17 October 2008. Send applications to: Biology Search Committee, A.D. Box 6, Gonzaga University, 502 E. Boone Avenue, Spokane, WA 99258. Candidates are encouraged to seek information about this position at the website: http://gonzogonaga.zonaga/faculty-staff/jobs/. Gonzaga University is a Jesuit, Catholic, humanistic university and is therefore interested in candidates who can contribute to its distinctive mission. Gonzaga is an Affirmative Action, Equal Opportunity Employer committed to diversity.

RESEARCH ASSOCIATE POSITION in PLANT VIROLOGY

A Research Associate position is available immediately for a highly motivated scientist at the Fraunhofer USA Center for Molecular Biotechnology in Newark, Delaware. The Center focuses on the development of vaccines and therapeutics in plants. The individual will be involved in the development of plant virus-based expression vectors for the production of foreign proteins in plants and plant-based systems. A Ph.D. in plant virology, plant pathology, molecular biology, or a related field is highly desirable. Candidates should have good organizational, scientific writing, and presentation skills, and should be able to work well in a team environment. Send curriculum vitae and a cover letter addressing your experience as they pertain to this position, and names, e-mail addresses, and telephone numbers of three professional references to e-mail: personnel@fraunhofer-cmb.org. Fraunhofer provides a competitive salary and benefit package and is an Equal Opportunity Employer.

MOLECULAR BIOLOGIST

The Biology Department at State University of New York Fredonia seeks applications from broadly trained Molecular Biologists for a tenure-track ASSISTANT PROFESSOR position for fall 2009, contingent upon state funding. Candidates must possess a Ph.D. and strong commitment to teaching and research in a liberal arts environment. Postdoctoral research is expected and teaching experience is preferred. Responsibilities include teaching a sophomore-level genetics course, introductory molecular biology courses, and upper-level majors courses. The successful candidate will maintain an active research program that promotes scholarship and contributes to funding. Candidates must possess a Ph.D. and be involved in field-based research. The University seeks individuals who conduct rigorous, field-based research approaches. Additional research experience is desirable. Candidates should have good organizational, scientific writing, and presentation skills, and should be able to work well in a team environment. Send curriculum vitae and a cover letter addressing your experience as they pertain to this position, and names, e-mail addresses, and telephone numbers of three professional references to: Dr. E.B. Coffey, Chair, Search Committee, Biology Department, State University of New York Fredonia, Fredonia, NY 14063-1950. Review of applications will begin immediately with a target date of October 22, 2008.

An Affirmative Action/Equal Opportunity Employer, SUNY Fredonia encourages and actively seeks applications from minorities, women, and people with disabilities.

SHULL FELLOWSHIP

At the Oak Ridge National Laboratory (ORNL), the Neutron Sciences Directorate of the ORNL invites applications for the Clifford G. Shull Fellowship. The Shull Fellowship provides an exciting opportunity to pursue research activities in the area of neutron scattering for a period of one to two years. The fellowship provides a salary and benefits package and is an Equal Opportunity Employer.

Further information about OBE and MCZ are available at the website: http://www.oeb.harvard.edu and http://www.mcz.harvard.edu/. Send inquiries to Katie Parodi via e-mail at the address above. Harvard University is an Affirmative Action/Equal Opportunity Employer. Applications from women and minority candidates are encouraged.

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