CREATIVE WAYS TO ENERGIZE YOUR CAREER

By day, Lynda Williams teaches physics at Santa Rosa Junior College in California. On weekends, audiences laugh at “Carbon Is a Girl’s Best Friend” and other technology songs she writes and performs as “The Physics Chanteuse.”

Like Williams, science faculty can transform their training and expertise into stimulating new professional activities, well beyond their job descriptions. While the responsibilities of a full-time position are always paramount, scientists, for example, might graft an innovative academic or research component onto existing duties, or earmark ample free time to explore another facet of their field. When an intriguing possibility arises, they can experiment with weaving that fresh pursuit into their professional spectrum. This article covers a few more “serious” ways in which faculty can get creative and perhaps increase the satisfaction level of the job. By Carol Milano

If a particular new dimension for a teaching portfolio intrigues the instructor, it’s likely to appeal to students, also. While introducing an academic offering isn’t quick or easy, it’s definitely gratifying.

Create a Student Program

Current and prospective students kept asking the Regents Professor of Soil Science at Washington State University about courses in organic agriculture, which he has researched since 1985. Eager to encourage any farming interests, John Reganold developed a successful new “Organic Agriculture and Farming” course in 2001. Then, “one day I thought, why not just have a major?” says Reganold.

Colleagues at a mid 2002 faculty meeting encouraged him. For 18 months, he met repeatedly with chairpeople and professors in every Agricultural College department at WSU. “It’s a science-based major—you’re not just outside growing plants,” stresses Reganold, who created specific soil science courses while weaving chemistry, biology, horticulture, entomology, economics, and other requirements into the curriculum. Each participating professor had to agree to shift 15 percent of an existing syllabus to organic agriculture. “We built on existing tradition, namely WSU’s solid reputation in organic agriculture. I presented this as the mission of a land-grant institution.”

Graduate assistant Kathi Peck sought farmland for the new major. Then a colleague, Cathy Perrillo, spent months on extensive national marketing surveys to provide justification. “Everything went smoothly, but it’s time-consuming,” Reganold recounts. “The package had to go through five [university] committees, like the Academic Senate. Then the State Higher Education Coordinating Board took several months to approve it.”

Following approval in June 2006, America’s first organic agriculture major quickly drew student and media attention. Advising most of the 16 current majors, Reganold relishes “seeing their excitement about what they’re taking. Each is really interested in a particular path, like food or soil science, so we [follow] it. That’s the biggest plus for me: to have any undergrad excited about their major is hard to do. Sometimes colleagues come and thank me. That’s very rewarding.”

Unlike Reganold, William Kisaalita didn’t follow tradition. The University of Georgia professor of engineering has pioneered an unusual international program. By 1997, his fulfilling job and family life had generated “an urge to give something back,” especially to help people like those he’d grown up with in Uganda. With economic development funding unlikely, and senior faculty urging a research focus while awaiting tenure, he had stifled his passion until professorship.

Hoping to involve undergraduates in international work, Kisaalita secured a small grant in 2000 to travel through Uganda, searching for possible study projects. Now, through his global component in the required Capstone Design Experience, small, carefully selected teams of fourth-year engineering students spend their summer or spring break in poor African villages. Their assignment: Solve a local problem, on site.

To persuade administrators, Kisaalita emphasized a 2001 pilot program’s benefits. “If you can justify what students will learn, you can justify the project. Measurable value is the continued»
**FACULTY POSITIONS**

**NEUROBIOLOGIST**

The College of the Holy Cross invites applications for a tenure-track ASSISTANT PROFESSORSHIP in biology to begin in August 2009. A Neurobiologist will be hired to teach a laboratory course in neurobiology and a second upper-division course in an area compatible with current offerings, and to participate in introductory teaching for biology majors and/or premedical students and nonscience majors. Candidates must demonstrate commitment to, and excellence in, undergraduate teaching as well as scholarly achievement. Research areas of particular interest include structure, function, and development of neural systems with primary focus at the cellular and/or molecular level. Development of a research program involving undergraduates is expected. This position carries a 3-2 teaching load with a full-salary, one-semester research leave prior to tenure review and generous sabbatical and fellowship leaves for senior faculty. The successful candidate will hold a Ph.D. at the time of appointment. Further information can be found at the departmental website: http://www.holycross.edu/departments/biology/website. Applications, consisting of curriculum vitae, transcripts, copies of publications, research and teaching statements, and letters from three referees, should be submitted no later than 15 October 2008, to: Dr. Ann Sheehy, Chair, Neurobiology Search Committee, Department of Biology, College of the Holy Cross, Worcester, MA 01610. The College of the Holy Cross is a highly selective, exclusively undergraduate, Jesuit, liberal arts college (enrollment 2,700) located in a medium-sized city 45 miles west of Boston. Holy Cross belongs to the Colleges of Worcester Consortium (website: http://www.cwcc.org) and the New England Higher Education Recruitment Consortium (website: http://www.faculty.harvard.edu/01/015.html). The College is an Equal Employment Opportunity Employer and complies with all federal and Massachusetts laws concerning Equal Opportunity and Affirmative Action in the workplace.

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**MOLECULAR CARDIOLOGY FACULTY**

The Division of Cardiology at the Weill Cornell University Medical College seeks highly qualified established investigators (M.D., Ph.D., M.D./Ph.D.) for tenure-track positions in basic and/or translational cardiovascular research at the ASSOCIATE PROFESSOR or ASSOCIATE PROFESSOR level. The Center for Molecular Cardiology is a multidisciplinary program currently devoted to human genetics, cardiovascular development, vascular biology, genomics, electrophysiology, and stem cell biology. Successful candidates should have an established track record of outstanding achievement in basic investigation and independent NIH/National Heart, Lung, and Blood Institute R01 funding. Generous support and newly renovated laboratory space will be provided. Please send curriculum vitae to: Bruce B. Lerman, M.D., Chief, Division of Cardiology, Weill Cornell Medical College, 525 East 68th Street, Star 409, New York, NY 10021.

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**ASSISTANT PROFESSOR OF BIOLOGICAL SCIENCES**

**Plant Ecology/Systematics**

The Smith College Department of Biological Sciences invites applications for a full-time, tenure-track Assistant Professorship in terrestrial plant ecology/systematics beginning July 1, 2009. A commitment to undergraduate education and a strong research program including field research opportunities for undergraduates are essential. Teaching responsibilities will include courses in plant ecology and plant diversity/systematics, including field components, and participation in the Department’s core course on biodiversity, ecology, and conservation. A Ph.D. is required; teaching and/or postdoctoral experience is preferred. Curriculum vitae, statements of teaching philosophy and research interests, and three letters of recommendation should be sent by October 31, 2008, to: Plant Ecology Search Committee, Department of Biological Sciences, Clark Science Center, Smith College, Northampton, MA 01063. The Five College Consortium, comprised of Smith, Amherst, Mount Holyoke, and Hampshire Colleges and the University of Massachusetts, provides a rich intellectual and cultural life for faculty and students, as well as collegial opportunities for teaching and research. Smith College is an Equal Opportunity Employer encouraging excellence through diversity.

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**ASSISTANT PROFESSOR**

**Utah State University**

The Department of Chemistry and Biochemistry at Utah State University invites applications for a tenure-track position at the Assistant Professor level beginning fall 2009. Candidates must have a Ph.D. in chemistry or biochemistry or a related field, and postdoctoral experience is preferred. The position requires the development of an externally funded research program and teaching at the undergraduate and graduate levels. Investigators with interests in the areas of eukaryotic biochemistry, or energy and the environment, broadly defined, are strongly encouraged to apply. Applicants should submit curriculum vitae, a brief statement of research plans, representative reprints, and a statement of teaching philosophy. ScienceCareers.org Department of Chemistry and Biochemistry, Utah State University, Logan, UT 84322-0300. Evaluation of applications will begin October 15, 2008, and will continue until the position is filled. For further information please visit our website: http://www.chem.usu.edu. Utah State University is an Equal Opportunity/Affirmative Action Employer committed to assembling a diverse faculty. Women and members of minority groups are strongly encouraged to apply.
The European Molecular Biology Laboratory is searching for Group Leaders. EMBL offers a highly collaborative, uniquely international culture. It fosters top quality, interdisciplinary research by promoting a vibrant environment consisting of young, independent researchers with access to outstanding graduate students and post-doctoral fellows. EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

Research Group Leader Opportunities

EMBL HEIDELBERG, GERMANY

DEVELOPMENTAL BIOLOGY
Ref. no. S/08/074
The Developmental Biology Unit studies the development of multicellular organisms, from the cellular to the whole organism level, combining genetic, cell biological, biochemical, genomic/proteomic, comparative, computational and live-imaging approaches. Current research topics include cell fate specification and polarity, morphogenesis and organogenesis, neurodevelopment, evolution, genome organisation and gene regulatory networks. We are seeking outstanding candidates addressing fundamental questions in developmental biology and its mechanistic basis.

STRUCTURAL AND COMPUTATIONAL BIOLOGY
Ref. no. S/08/075
We seek to recruit an outstanding group leader in cryo-electron microscopy (single-particle analysis and/or cryo-electron tomography) to address fundamental questions in molecular or cellular biology. The vision of the Unit is to provide a detailed spatial and temporal description of various biological systems across different scales of resolution (from molecules to cells) by combining different structure determination techniques (X-ray, NMR, single particle EM, EM tomography) with computational, chemical and systems biology. Particular interests of the Unit are dynamics and architecture of protein assemblies and protein-protein interaction networks. We look for candidates applying single-particle EM techniques, although candidates using other EM techniques will also be considered. EMBL offers state-of-the-art facilities with seven EMs, among them Technai Polara, Tecnai F30 and CM200 FEG microscopes, a full complement of EM preparation equipment and high performance computing clusters.

EMBL HAMBURG, GERMANY

STRUCTURAL BIOLOGY
Ref. no. S/08/076
The successful candidate will utilise the present and future facilities at EMBL Hamburg for most challenging projects in structural biology. Possible projects could focus on large protein complexes, integral membrane proteins or difficult proteins with special fold properties. The project proposal should ideally be of biomedical relevance. The candidate will also lead the present and future sample preparation facilities at EMBL Hamburg, which will become an integrated component of the future EMBL@PETRA3 infrastructure. The EMBL@PETRA3 facility will include three beamlines with applications in biological macro-molecular crystallography and small angle X-ray scattering, a state-of-the-art facility for sample preparation, including a facility for high-throughput crystallisation, and an infrastructure for automatic data interpretation.

EMBL MONTEROTONDO/ROME, ITALY

MOUSE BIOLOGY
Ref. no. S/08/077
We seek a dynamic, independent scientist with an excellent track record and demonstrated experience or interest in mouse genetics and physiology, and a desire to work in a multidisciplinary environment. We encourage applicants addressing fundamental questions in organismal biology with an emphasis on models of human disease, using modern genetic and genomic approaches. The Mouse Biology Unit applies a wide range of modern technologies to diverse problems of whole organism biology. The EMBL Monterotondo Outstation offers state-of-the-art recombinerineering, transgenic and knockout mouse core services, automated monoclonal antibody production, confocal microscopy, histology and flow cytometry core facilities and a broad range of in vivo systems for conditional mutagenesis. The Mouse Biology Unit is part of several pan-European initiatives to coordinate the generation, screening and characterisation of novel mouse strains and mutants.

For further details and more comprehensive job descriptions please visit www.embl.org.

To apply, please email a CV, three references and a concise description of research interests and future plans, quoting the corresponding ref. no. in the subject line, to: application@embl.de by October 31st, 2008.

www.embl.org
best evidence.” Now, the program integrates his research, teaching, and outreach responsibilities. “The blessing is, our solutions are so unique, they themselves are publishable.” One successful invention was a solar-powered milk cooler that doubles production.

Villagers living on $2 a day recognize blessings, too. “We talk to them, they see us coming back, they develop a belief in what we’re doing. They know we’re here to stay, not just bringing students to see poor people, then write about them. I get satisfaction from seeing the students being transformed, and from the customers.”

Reach for a Wider Audience

Beyond students and colleagues, who else could a professor’s expertise benefit?

“We’re not doing a good enough job getting science out to the public,” laments Louann Brizendine, clinical professor at the University of California, San Francisco. To share her research findings with a wider audience, the neuropsychiatrist chose to write a mass-market book.

Fascinated by women’s mental health since medical school, Brizendine began suspecting connections between female hormones and depression. Recruited by UCSF in 1988, she created a “Hormones in Psychiatry” course, inspired by her pregnancy and postpartum experiences. It evolved into her UCSF Women’s Mood and Hormone Clinic, treating about 600 women annually. When patients taking a particular medication for depression experienced decreased libido, Brizendine measured testosterone and sexual function. Low levels of both generated her “passion to clarify biological aspects of women’s health in hormonal issues.”

She’d never imagined writing a book, until a fortuitous social encounter with an editor. The Female Brain was published five years later, in mid 2006. Brizendine worked on it rigorously, largely on weekends. Rewriting took a year, to present all the science more personally and less technically, through anecdotes and clear explanations. “What I thought the whole book would be is now Appendix I,” she reflects.

Translated into 24 languages, The Female Brain has sold 300,000 copies in English alone. “The outcome way exceeded my expectations,” admits Brizendine, gratified by letters she receives from high school students. “They’ll say, ‘I was never interested in science before. Now I want to know what courses I can take to be a neuropsychiatrist.’ It’s deeply meaningful.” A sequel, The Male Brain, is due out in November 2008.

Other best-selling professors include Marion Nestle, Goddard Professor of Nutrition and Public Health at New York University, author of several well-reviewed books about food issues. Some scientists write mainstream newspaper, magazine, or e-articles. Lisa Sanders, has a popular monthly column, “Diagnosis,” in The New York Times Magazine.

Apart from writing, academics can translate their knowledge into other modes, like practical talks for community or nonprofit groups. Lynda Williams, in her “Physics Chanteuse” guise, has presented her witty science songs at New York’s Cornelia Street Café, the Swedish Arts and Science Festival, an American Physics Society conference, and the Inspiration of Astronomical Phenomena meeting in Palermo, Italy.

Develop a Small Business

Sometimes, pursuing a passion can evolve into an outside enterprise with a valuable product or service.

During a late ’60s Peace Corps stint in Brazil, Louis Kirchhoff encountered Chagas disease, a major cause of Latin American morbidity and death, affecting 12 million to 14 million people. His early research soon brought a prestigious biomedical prize and four-year US National Institutes of Health fellowship. Now the professor of infectious disease, epidemiology and internal medicine at the University of Iowa - Carver College of Medicine, he has spent 75 percent of his time on research since 1985, funded by the Veterans Administration, American Heart Association, and other sources.

Often asymptomatic, Chagas is easily transmitted by blood transfusions. Seeking a serodiagnostic tool to avoid infection, Kirchhoff and technician Keiko Otsu developed a simple, accurate test using recombinant DNA technology. Eventually negotiating all rights to his invention, he applied for US and several Latin American patents (see “Who’s Rights?”). In 1998, with NIH small business funding, he set up Goldfinch Diagnostics, Inc., as an affiliate of the UI Technological Innovation Center.

In 2007, Goldfinch licensed his automated Chagas assay to Abbott Laboratories, which had originally contacted Kirchhoff years before, after learning of his research. The pharmaceutical firm is developing two products based on Kirchhoff’s work.

What inspired him? “To have participated in developing something that will have an impact. If this works out, I’ll donate blood soon, and it will be tested for Chagas—for which I provided the technical basis!” Kirchhoff adds, “I’m not Mother Theresa with a stethoscope—the idea of an effortless royalty stream every quarter is additional motivation.”

Expert Advice

Another academic sideline is consulting. For Gregory Knipp, associate professor of industrial and physical pharmacy at Purdue University, separating consulting projects from academic responsibilities is delicate. Sought out because of his publications and reputation, Knipp was initially “enticed by trying to develop something new, plus some financial incentives.”

Featured Participants

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Faculty Positions and Career Development Fellowships

The Wellcome Trust Sanger Institute invites applications from outstanding individuals to lead programmes across the breadth of its scientific strategy. The Institute has 4 broad research themes – human genetics, mouse and zebrafish genetics, pathogen/host genetics and computational genomics – our core technologies, including high throughput sequencing, genotyping and informatics, underpin our global position in these areas. During the coming years we aim to make a major contribution to the understanding of gene function, similar in impact to our role in genome sequencing.

Faculty Positions
We look to our Faculty to provide the vision to establish and lead internationally influential science while giving them access to unparalleled facilities to support the delivery of projects and the generation of data and biological resources on a massive scale. Applications from individuals in the early stages of their research careers and from women are particularly encouraged although we welcome approaches from any scientists with relevant research interests.

Career Development Fellowships
We support the scientific leaders of the future by offering 5 year positions to exceptional postdoctoral and clinical scientists who are seeking to establish independence and lead a research group for the first time, while capitalizing on the Institute’s resources to develop their careers. Fellows will typically have between 3 and 6 years postdoctoral experience at the point of application, or, in the case of medical graduates, be of specialist registrar or consultant status.

We are seeking to appoint in the following areas:

Mouse and zebrafish genetics
(2x Faculty positions – ref 80204, 2x Career Development Fellowships – ref 80206)
Applicants will have a primary research interest in mouse or zebrafish genetics. The successful candidates will benefit from, and contribute to, the Institute's large-scale mutagenesis programmes including high-throughput production and phenotyping of targeted mouse ES cells, targeted mouse mutants and ENU-induced zebrafish mutants http://www.sanger.ac.uk/modelorgs/.

Contact for informal enquiries: Karen Steel kps@sanger.ac.uk

Human genetics
(1x Career Development Fellowship – ref 80208)
Applicants will have a strong clinical or basic science background with a primary research interest in human disease genetics (common or rare mendelian disorder), including functional studies. The successful candidate will be expected to deliver on a research programme in their disease of interest, expanding their own disease collections through building and strengthening collaborative networks with clinical schools and medical faculties. Individuals with good exposure to, and skills associated with, population studies are also encouraged to apply. They will benefit from a scientifically rich and collaborative environment with access to large scale modern sequencing technologies, high throughput state-of-the-art genotyping facilities, local informatics and statistical expertise.

Contact for informal enquiries: Leena Peltonen lpp@sanger.ac.uk

Computational genomics
(1x Faculty position – ref 80205, 1x Career Development Fellowship – ref 80207)
Applicants will have a strong computational biology background. One possible primary research interest is in computational integrated genomics: with the large scale data collection projects at the Institute, such as 1000 Genomes, WTCCC, targeted mutagenesis in mouse and zebrafish and transcriptomics, the challenge is to connect genotype, transcription and function. The successful candidates will benefit from the Sanger’s very substantial informatics resources and the strong interactions with the European Bioinformatics Institute, computational research groups at the University of Cambridge and the Cambridge Microsoft Research Institute.

Contact for informal enquiries: Tim Hubbard th@sanger.ac.uk

For further information and details on how to apply, go to: http://www.sanger.ac.uk/careers/. General queries can be directed to facultysearch@sanger.ac.uk

Application deadline: 7 November 2008
In pharmaceutical consulting, he tackles immediate problems—such as promising therapeutic agents with previously unnoticed barriers—and seeks ways to “salvage new compounds or delivery systems and bring them to market. It can really cut into weekends and nights, so I don’t do it all the time. You have to choose where your expertise fits and can help.” Though high fees can significantly supplement academic income, “I’d rather do something where I know I could be of benefit than something outside my league, just for a paycheck,” Knipp reflects.

Some institutions allow professors one day a week for outside projects. They can have consulting checks sent to the school, for use as unrestricted funds (unlike a grant), for equipment, research, or travel. Consultants may help companies make critical decisions that could impact overall success potential, or recommend cutting an unrealistic project, says Knipp, convinced that his students benefit from the new perspectives he hones with each consulting project.

Expand the Scope of Your Work
Adapting expertise to an unfamiliar research area can be stimulating.

In 1986, with minimal expectations, David Soll assigned a corner in his lab to a small, faltering NIH program, the Developmental Studies Hybridoma Bank (DSHB). In 22 years Soll, the University of Iowa’s Carver/Emil Witschi Professor of Biological Sciences, has transformed DSHB into a vast, nonprofit resource for animal cell researchers using hybridomas (hybrid cells bred by fusing an antibody-producing lymphocyte with a tumor cell). In 2006, for 65,000 customers worldwide, DSHB staff filled nearly 9,000 orders.

“At commercial prices, our revenues would total $25 million, but we [charge] 10 percent to 15 percent of those fees,” says Soll, proud that DSHB, operating six days a week, is completely self-funding.

DSHB broke even and started expanding after one year. “The hybridomas themselves became fascinating. As we began making and using them, I realized I was facilitating research, the Bank was paying for everything, and everyone in my lab was working for them. Suddenly I was becoming an expert on antibodies. It was intriguing—I loved it,” Soll recounts.

Recently, DSHB expanded into microbial research, providing deeply discounted monoclonal antibodies and hybridomas. “The new branch will soon catch up to the older one, doing the same amount of good for society,” Soll predicts. In 2007, NIH National Cancer Institute’s new Proteomics Initiative selected DSHB as official bank and distributor for 20,000 hybridomas secreting antibodies against proteins encoded by one-quarter of the entire human genome: about 5,000 cancer-linked genes. “We’re now a major player in NCI’s long-term initiative to diagnose and cure cancer.”

Like Soll, Leslie Vosshall built her career around tiny lab organisms, but expanded her focus differently. Using fruit flies, her neurogenetics and behavior laboratory at Rockefeller University researches the brain’s processing of olfactory signals for food, danger, or potential mating partners. In 2003, she and her postdoctoral fellow, Andreas Keller, were eager to test a controversial new theory about scent’s effects. Vosshall opted to undertake her first clinical trial. Fortunately, Rockefeller University Hospital encourages and assists basic scientists to research human subjects, explains Vosshall, the Chemers Family Associate Professor.

Recruiting was uncomplicated: “People are fascinated by smell, and our studies are not terribly invasive, requiring just a blood sample.” After a three-hour screening, subjects perform smell tests, reporting reactions verbally or by computer during successive visits. Now on their fifth human trial, her team recently published a lengthy paper on the work.

Vosshall relishes distinctions between her research subjects. “You can communicate with humans! Fruit flies don’t talk—we do things indirectly, assessing from behavior what we think happened. We do genetic experiments with fruit flies, but can’t ask specific men and women to breed.” Surprisingly, Vosshall finds human research more cost effective. “Fruit flies are donated but we have to feed them and pay people to take care of them. Longer term, it’s more technical than having humans sniff odor vials.”

Thanks to some foundation funding, Vosshall expects to continue researching both species, rather than choose either. “Our goal is to understand in both insects and humans how the brain perceives odor stimuli. So many scientists spend their whole career working on one model organism, it’s very rewarding to have the opportunity to jump up the family tree.”

So what steps to take to broaden horizons and invigorate a career? Be alert to possibilities that catch a particular interest; don’t be afraid to consider adding a new dimension. Scientific faculty can be expert witnesses, join editorial boards, help plan professional conferences, establish a research consortium with other institutions—the possibilities are as boundless as ingenuity. The rewards, too, are infinite. As Soll of NIH confides, having assisted 30,000 scientists, “The excitement is because it’s all intermingled with freedom, research, mission, and a feeling of accomplishment. The whole idea is to keep doing new things.”

Carol Milano is an independent journalist in New York City, covering health care and science.
Tenure-track Positions in Energy Science, Engineering and Policy

The Pennsylvania State University is recruiting at least 25 new full-time, tenure-track faculty in energy science, engineering, and policy during the next 3 years. This is part of an initiative to enhance an already vigorous program of environmental and energy research and education at Penn State. Most positions will be co-funded by the participating academic departments and by the Penn State Institutes of Energy and the Environment (PSIEE). For more details please see www.psicie.psu.edu/open_positions.asp. Applications are being solicited for the following eleven positions.

Molecular Energy Conversion Processes
The Department of Chemistry (www.chem.psu.edu) invites applications for candidates with research interests in molecular energy conversion processes, broadly defined. Candidate may be either an experimentalist or theorist with interests in catalytic processes relevant to energy conversion in solar photochemistry, bioenergy, and fuel cells. Successful candidate is expected to establish an exceptionally strong and highly visible research program that incorporates excellence in both undergraduate and graduate education. Rank is open; however, senior appointments should have a previous record of national and international distinction. E-mail: energy_search@chem.psu.edu.

Electrical Energy Storage
The Department of Mechanical and Nuclear Engineering (www.mne.psu.edu) invites applications at the assistant/associate level for a candidate with strong research and teaching interests in electrochemical storage systems, particularly battery development and manufacturing, to complement the Electrical Energy Storage Technologies to Enable Future Transportation and Renewable Energy research focus. The candidate is expected to establish a vigorous sponsored research program and to teach at both the undergraduate and graduate levels. Ph.D. in Engineering or in a closely related field required. E-mail: energy_search@chem.psu.edu.

Synthetic Biology Engineer
The Department of Agricultural and Biological Engineering (www.abe.psu.edu) is seeking a candidate that will apply engineering paradigms of design, fabrication, and system synthesis to biological science with particular emphasis directed toward renewable biomass energy. Successful candidate will collaborate with biological scientists and engineers; develop an internationally recognized research program with substantial external funding; and develop and teach undergraduate and graduate courses on synthetic biology engineering principles and applications. Ph.D. in a related field and at least one engineering degree (B.S., M.S., Ph.D.) required. E-mail: hzh@engr.psu.edu.

Enzymology, Transcriptional Control, or Systems Biology of Cellulosic Feedstocks
The Department of Biochemistry and Molecular Biology (www.bmb.psu.edu) invites applications at the assistant/associate professor level. The successful candidate is expected to maintain a vigorous, externally funded research program. Research areas include: (a) elucidation of enzymatic mechanisms for the syntheses and transferases involved in formation of plant cell wall polymers; (b) identification of transcription factors that regulate the pathways for cell wall synthesis; and (c) understanding how this complex system for cell wall formation works as an integrated system. E-mail: sgm128@psu.edu.

Geologic Carbon Sequestration (2 positions)
The Department of Geosciences (www.geosc.psu.edu) and the Department of Energy and Mineral Engineering (www.eme.psu.edu) are seeking two candidates with research interests associated with the introduction and fates of carbon-bearing fluids in the subsurface environment such as: (1) Basin Analysis and Modeling, where the development of process models for the stratal architecture, sedimentary facies, and stratigraphic stacking patterns is needed to define and characterize sequestration targets; (2) Formation Characterization and Imaging, where advances in 4D formation imaging are needed for monitoring and performance assessment of CO2 storage; and (3) Fluid-Rock Interactions, where effective sequestration will be promoted by characterization and modeling fluid trap and seal evolution, and process-based understanding of the transmission, transformation, and trapping of fluid and solid components within the subsurface. Outstanding candidates who creatively apply theoretical, observational, and/or experimental approaches are encouraged to apply. Ph.D. in petroleum engineering or geosciences, distinguished record of scholarship, potential for developing a vigorous externally funded research program, and contribution to core teaching are required. E-mail: maa6@psu.edu.

Energy, Ethics and the Environment
The College of the Liberal Arts (www.la.psu.edu) invites applications at the assistant level in the area of environmental science and ethics, with an emphasis on the ethical dimensions of energy production, consumption, and policy. Research areas of particular interest may include the analysis of values relating to cost/benefit analysis, risk assessment and management, or other aspects of energy production and use. Ph.D. along with evidence of research strength and ability to offer a range of undergraduate and graduate level courses required. E-mail: skz3@psu.edu.

Bioenergy Production Systems
The Department of Crop and Soil Sciences (www.cropsoil.psu.edu) invites applications at the assistant/associate level. The successful candidate is expected to develop quantitative models that facilitate the design, management, and analysis of agroecosystems for food and energy production scenarios and agronomic knowledge and best management practices for productive and environmentally sound biomass cropping systems. Candidate must have strong analytical and modeling skills and a demonstrated ability and interest to foster and engage in collaborative research and education. Ph.D. in agronomy, crop science, ecosystem science, ecology, agricultural engineering or related field required. E-mail: gwr@psu.edu.

Sustainable Building Energy Systems
The Department of Architectural Engineering (www.abe.psu.edu) invites applications (rank open) from candidates with expertise in building mechanical systems and controls to lead interdisciplinary teaching and externally funded research efforts in sustainable building energy systems in collaboration with the Department of Electrical Engineering (www. engr.psu.edu/ee) power and controls faculty and others. Candidates should have expertise in building design and construction and research strengths in control systems related to building energy supply and use. Ph.D. in mechanical or architectural engineering required. E-mail: wbahnfleth@psu.edu.

Wind Energy
The Department of Aerospace Engineering (www.aero.psu.edu) invites applications at the associate or full professor level for an outstanding individual who is committed to education and the development and leadership of an interdisciplinary, externally-funded research program. General areas of interest include aeroviscoelasticity of blades (aerodynamics, structures, and control), systems engineering and design, boundary layer behavior, turbine siting, energy storage and distribution, and economics and policy. A Ph.D. in one of these areas from an institution with a world-class concentration in wind energy, or commensurate postdoctoral experience is required. E-mail: aerospace@engr.psu.edu.

Quantitative Analysis of Energy Risk
The Department of Meteorology (www.met.psu.edu) and the Department of Energy and Mineral Engineering (www.eme.psu.edu) invite applications at the assistant level for a candidate who will bring state-of-the –art tools of applied probability, risk, and decision science to problems in energy and the environment, and who will develop innovative approaches to the analysis of risk and energy volatility in emerging markets for energy and environmental commodities and associated financial instruments. Ph.D. or postdoctoral training in an economic or decision science field required. E-mail: brune@ems.psu.edu.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.
ASSISTANT/ASSOCIATE FULL PROFESSOR.
The Department of Veterinary and Biomedical Sciences, at the Pennsylvania State University invites applicants for a faculty position in virology at the level of ASSISTANT/ASSOCIATE FULL PROFESSOR. Interested applicants must possess a D.V.M./V.M.D./Ph.D. or equivalent with advanced training in virology. The incumbent must also possess excellent interpersonal and communication skills and will serve as the Section Head of Mammalian Virology/Immunology at the Animal Diagnostic Laboratory at Penn State. The Animal Diagnostic Laboratory (ADL) is part of the American Association of Veterinary Laboratory Diagnosticians accredited tripartite Pennsylvania Animal Diagnostic Laboratory System (PADLS), website: http://www.padls.org. The Department of Veterinary and Biomedical Sciences has taken a lead role in meeting new challenges in basic sciences related to animal and human health, and contains a critical mass of faculty in the areas of immunology, virology, bacteriology, toxicology, extension and field investigation (website: http://www.vet.cis.psu.edu). Many of the Department faculty are affiliated with the Center for Molecular Immunology and Infectious Disease, the Center for Molecular Toxicology, and the Center for Infectious Disease, and there are ample opportunities for collaborative investigations through the University of Pennsylvania Institutes of Life Sciences (website: http://www.lsc.psu.edu) at Penn State. Appointments can be made to either clinical or tenure track depending on the interests and qualifications of the candidate. Tenure track candidates will be expected to develop and maintain an externally funded research program and participate in teaching programs and other service activities. Candidates for Associate and Full Professor ranks are expected to demonstrate a documented record of having developed a successful extramurally funded research program. A competitive salary and startup package is available and will be commensurate with the qualifications of the successful candidate. Applicants should submit a letter describing future research and professional goals as they relate to mammalian virology and animal disease diagnostics, along with curriculum vitae, as well as the names and addresses of five current professional referees to Susanne Hart, Virologist Search Committee Assistant via e-mail: ssh1@psu.edu or to: The Animal Diagnostic Laboratory, Penn State, University Park, PA 16802. Review of applications will begin on November 15, 2008, and this position will remain open until a suitable candidate is identified. Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.

ASSISTANT PROFESSOR POSITIONS in MECHANICS.
The Harvard School of Engineering and Applied Sciences (HSEAS) seeks applicants for openings at the level of tenured and tenure-track positions in mechanics in association with all areas of engineering. The ideal candidate will have expertise in fluid and/or solid mechanics and will also have demonstrated competence to design and conduct significant and innovative applications in engineering.

The position requires a Ph.D. in engineering or a closely related field, the ability to develop a leading research program, and enthusiasm for teaching both graduate and undergraduate courses in engineering. Successful candidates will work with HSEAS faculty to develop a curriculum for our ABET-accredited engineering programs.

Applicants should send a cover letter, curriculum vitae, a statement of teaching interests, a statement of research plans, copies of three publications, and names and contact information for at least three references. These documents should be submitted as PDF attachments to the e-mail: medsearch@seas.harvard.edu.

We encourage applications before 15 November 2008, but will continue to review new applications until the positions are filled. Harvard University is an Equal Opportunity/Affirmative Action Employer and applications from women and underrepresented minorities are strongly encouraged.

FACULTY POSITIONS in ECOLOGY.
Wake Forest University (WFU)’s Department of Biology (website: http://www.wfu.edu/biology/) invites applications for a tenure-track ASSISTANT PROFESSOR position for an ECOLOGIST, working at landscape to global scales. Applicants are expected to develop a vigorous research program related to issues of global change as broadly defined. A successful applicant will demonstrate potential for excellence in combining her or his research with teaching and mentoring undergraduate and graduate students (M.S. and Ph.D.) in keeping with WFU’s teacher-scholar ideal. Teaching duties will include an undergraduate course in ecology, advanced statistics or spatial analysis, and a graduate seminar in the candidate’s area of interest. For fuller description see website: http://www.wfu.edu/biology/ecosearch.

Application via e-mail: davisch@wfu.edu is preferred, with cover letter, curriculum vitae, and research and teaching statements submitted as a single PDF file; up to three (PDF) reprints; and three letters of reference (e-mail plus hard copy) addressed to: Dr. Miles Silman, Ecology Search, Department of Biology, Wake Forest University, P.O. Box 550 Forest Road, Winston-Salem, NC 27106. Review of applications begins October 15, 2008. Position starts August 2009. Wake Forest University is an Equal Opportunity Employer.

The UNIVERSITY OF MASSACHUSETTS AMHERST.
The Department of Biochemistry and Molecular Biology invites applications from Ph.D. level scientists for a tenure-track ASSISTANT PROFESSOR position. We seek candidates working in areas that complement existing strengths in cellular biochemistry, including signal transduction, protein trafficking/folding, organelle biogenesis, protein degradation and apoptosis, structure/function of proteins and protein-nucleic acid complexes, and gene expression and regulation. Individuals incorporating systems approaches in their research programs are strongly encouraged to apply. The successful candidate will have access to students from several interdepartmental graduate programs and will be expected to participate in teaching at the undergraduate and graduate levels.

The Department is strongly committed to increasing the diversity of the student body, and curriculum. The Five College Consortium, comprised of Smith College, Amherst College, Mount Holyoke College, Hampshire College, and the University of Massachusetts, provides a rich academic and intellectual environment.

Applicants should send curriculum vitae, a description of research interests, and three letters of recommendation to: Prof. Daniel Hebert, Search Committee Chair, Department of Biochemistry and Molecular Biology, LGRT 913, 710 N. Pleasant Street, University of Massachusetts, Amherst, MA 01003. Review of applications will begin October 1, 2008, and will continue until the position is filled.

The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

FACULTY POSITIONS in BIOLOGY.
Two tenure-track positions starting fall 2009. Ph.D. required, with appropriate post-doctoral experience and knowledge of bacteriology and molecular biology. Postdoctoral experience preferred. Academic advising, continued professional development, scholarly activity, and course development for liberal arts core curriculum expected. Send curriculum vitae, all graduate and supporting letters, and research and teaching plans, and three current letters of recommendation to the appropriate Search Chair (below), Biology Department, Eastern Connecticut State University, Willimantic, CT 06226. Searches will continue until positions are filled.

ASSISTANT PROFESSOR, NEUROBIOLOGY.
Expertise in invertebrate or mammalian systems and either neuroendocrine or neurobiological systems. Will teach courses in neurobiology and introductory biology. Ability to teach developmental biology an advantage. Search Chair, Dr. Gloria Colurso.

ASSISTANT PROFESSOR, ECOLOGY.
Expertise in community, ecosystem, or global change ecology. Interest in interactions among animals, fungi, and/or nonvascular plants a strong advantage. Field-based research expected. Will teach introductory ecology and upper-level courses in area of expertise. Search Chair, Dr. Phillip Elliott.

ECSU is an Affirmative Action/Equal Opportunity Employer.

POSITIONS in MATERIALS SCIENCE and ENGINEERING at DREXEL UNIVERSITY.
The Department of Materials Science and Engineering at Drexel University is seeking applications for a tenure-track FACULTY position. This position will be offered at a rank commensurate with the qualifications of the candidate. Primary consideration will be given to candidates with areas of expertise in materials for energy conversion and storage. Exceptional candidates in other areas in line with current strengths of the department (nanomaterials, biomaterials, advanced materials design and processing, polymers, and electronic materials), will also be considered. The application should include a resume, research and teaching plans, and three recommendations. Please visit our information to: Faculty Search Committee, Department of Materials Science Engineering, Drexel University, Philadelphia, PA 19104, or fax: 215-895-6760. Drexel University is an Equal Opportunity Employer and encourages applications from qualified women and minorities.
FACULTY POSITIONS IN INFECTIOUS DISEASES

The University of Georgia is undertaking expansion in the biomedical and health sciences, including the construction of BSL-2 and BSL-3 biocontainment animal and human health research facilities that will provide a state-of-the-art research environment. Successful candidates will have the opportunity to participate in a rich interdisciplinary environment provided by the campus-wide Faculty of Infectious Diseases (http://id.uga.edu/). Applications are invited for three positions.

The Departments of Microbiology in the Franklin College of Arts and Sciences and Infectious Diseases in the College of Veterinary Medicine invite applications for one tenure-track assistant professor position in the biology of bacterial pathogens, bacterial pathogenesis, or host cellular response to bacterial infectious diseases. Applicants must have a PhD, DVM, MD, or equivalent advanced degree, a minimum of two years of post-doctoral experience, and a strong record of research productivity. Submit applications to: Bacterial Pathogenesis Search Committee, Department of Microbiology, 527 Biological Sciences Building, University of Georgia, Athens, GA 30602, or by email to phates@uga.edu with “Bacterial Pathogenesis Search Committee” in the subject line.

The Department of Infectious Diseases in the College of Veterinary Medicine invites applications for two tenure-track associate, or full professor faculty positions. The University seeks to complement existing research programs in molecular virology and mucosal immunology. The following research areas are of special interest: molecular virology and mucosal immunology particularly as it relates to examining the interface between innate and acquired immune responses to viral or bacterial infections, but outstanding applicants with expertise in other related areas are invited to apply. Applicants must have an advanced degree(s) (PhD with or without DVM, MD, or equivalent), a minimum of two years of post-doctoral experience, and a strong record of research productivity. Submit applications to: Virology/Immunology Search Committee, Department of Infectious Diseases, 226 Veterinary Medicine, University of Georgia, Athens, GA 30602, or by email to melissam@uga.edu with “Search Committee” in the subject line.

The successful candidates will be expected to establish nationally recognized and competitive externally funded research programs and contribute to teaching in the undergraduate, graduate or professional curricula. Application committees should submit a statement of research plans and curriculum vitae and the names and contact information for at least three references. Applications received before November 15, 2008, are assured full consideration.

The University of Georgia is committed to increasing the diversity of its faculty and students, and sustaining a work and learning environment that is inclusive. Women, minorities and people with disabilities are encouraged to apply. The University is an EEO/AA Institute.

Imperial College London

Faculty Openings in Chemical Engineering

King Abdullah University of Science and Technology (KAUST) is being established in Saudi Arabia as an international graduate-level research university dedicated to inspiring a new age of scientific achievement that will benefit the region and the world. As an independent and merit-based institution and one of the best endowed universities in the world, KAUST intends to become a major new contributor to the global network of collaborative research. It will enable researchers from around the globe to work together to solve challenging scientific and technological problems. The admission of students, the appointment, promotion and retention of faculty and staff, and all the educational, administrative and other activities of the University shall be conducted on the basis of equality, without regard to race, colour, religion or gender.

KAUST is located on the Red Sea at Thuwal (80km north of Jeddah). Opening in September 2009, KAUST welcomes exceptional researchers, faculty and students from around the world. To be competitive, KAUST will offer very attractive base salaries and a wide range of benefits. Further information about KAUST can be found at http://www.kaust.edu.sa/

KAUST invites applications for faculty position at all ranks (Assistant, Associate or Full Professor) in Chemical Engineering including areas such as:

- Catalysis
- Complex fluids
- Energy engineering
- Fluid mechanics
- Membranes
- Molecular modelling and thermodynamics
- Process systems engineering
- Reaction engineering
- Separations technology

High priority will be given to the overall originality and promise of the candidate’s work rather than the candidate’s sub-area of specialisation within Chemical Engineering. Nevertheless, KAUST is particularly interested in applicants whose research has applications in the fields of water desalination, clean combustion and catalysis.

An earned PhD in Chemical Engineering or a related science or engineering discipline, evidence of the ability to pursue a program of research, and a strong commitment to graduate teaching are required. Applicants should have at least one year of postdoctoral research experience. A successful candidate will be expected to teach courses at the graduate level and to build and lead a team of graduate students in Master’s and PhD research.

Applications, including a curriculum vitae, brief statements of research and teaching interests, and the names and contact details of at least three referees, should be sent to the Search Committee by electronic mail to kaust.chemeng@imperial.ac.uk Please note that the Search Committee may also appoint additional referees at its discretion. The review of applications will begin immediately, and applicants are strongly encouraged to submit applications as soon as possible; however, applications will continue to be accepted until December 2009, or until all available positions have been filled.

In 2008 and 2009, as part of an Academic Excellence Alliance agreement between KAUST and Imperial College London, the KAUST faculty search will be conducted by a committee consisting of professors from the Faculty of Engineering at Imperial College London. This committee will select the top applicants and nominate them for faculty positions at KAUST. However, KAUST will be responsible for actual recruiting decisions, appointment offers and explanations of employment benefits. The recruited faculty will be employed by KAUST, not by Imperial. Faculty members recruited by KAUST before September 2009 will be hosted in Chemical Engineering at Imperial College London as Academic Visitors until KAUST opens in September 2009. At Imperial, these Academic Visitors will conduct research with Imperial staff and may occasionally teach courses.

Enquiries and applications: kaust.chemeng@imperial.ac.uk

Valuing diversity and committed to equality of opportunity.
FACULTY POSITIONS

DEPARTMENT of PATHOLOGY

Chair Position

Tulane University School of Medicine seeks an academic leader to serve as Chair of the Department of Pathology. The Department currently has a full-time faculty and a highly growing clinical practice providing services to the Tulane Hospital and Clinic system. The Department’s research endeavors extend from basic molecular mechanisms of disease to translational studies of disease mechanisms, diagnosis, and treatment. The Department also has an extensive teaching program including residency, postdoctoral training, and undergraduate medical training.

Candidates should have an outstanding record of accomplishment in basic and/or clinical research and have a nationally and internationally recognized research program. Candidate will be expected to facilitate the expansion of the research arm of the Department. The candidate should have a documented record of leadership, administrative ability, and communication and teaching skills. Candidate must be a Board-certified PATHOLOGIST (M.D.). In addition to curriculum vitae the applicant should submit a letter describing research, teaching, service administrative experience, previous mentoring, and vision in building interdisciplinary programs and resources. Nominations and/or applications should be e-mailed to: edwasyev@tulane.edu or mailed to: Steven M. Hill, Ph.D., Professor and Chair, Department of Structural and Cellular Biology, SL49, Tulane University Health Sciences Center, School of Medicine, 1430 Tulane Avenue, New Orleans, LA 70112. Tulane University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

CHEMISTRY and BIOCHEMISTRY

FACULTY POSITIONS

The University of Wisconsin, Milwaukee is looking to expand its strong Program in drug discovery and development that focuses on the therapeutics and diagnostics of neurological diseases, cancer, and infectious diseases, and includes the development of analytical and functional tools for early detection and diagnostic and synthetic promoters of disease. The Department of Chemistry and Biochemistry at the University of Wisconsin, Milwaukee invites applications for four search periods. The search is open to candidates for ASSOCIATE or FULL PROFESSOR rank for appointment in support of this initiative. Applications are welcomed from individuals with interests in areas of science applicable to drug discovery and diagnostic and medical applications. Research areas in synthetic organic chemistry, bioorganic chemistry, bioorganic chemistry, medicinal chemistry, genomics and proteomics, protein structure, membrane transport/receptor interactions, neurochemical disorders, and cancer are encouraged. A Ph.D. in chemistry or related field is required and postdoctoral experience is desirable. The successful candidate will provide evidence of scholarly achievement in peer-reviewed publications, potential for successful extramural funding, and a strong interest in graduate and undergraduate education. To apply for this position, please see website: http://www.jobs.uwm.edu. Completed application materials include: a cover letter, curriculum vitae with a research plan, an outline of teaching philosophy, and the names and contact information of three references. Evaluation of applications will begin on October 1, 2008, and will continue until the positions are filled. Further information is located at website: http://www.uwm.edu/Dept/Chemistry and website: http://www.uwm.edu/letscl/jobs. The University of Wisconsin, Milwaukee is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS

DEPARTMENT of 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 the area of cell biophysics or inomolecular biophysics who are pursuing quantitative, mechanistic approaches to fundamental problems in biology, including the application of novel methods from the physical sciences. Successful applicants will be expected to establish a vigorous independent research program and contribute to teaching. The new faculty member will be provided with outstanding infrastructural 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, research plan, and three letters of reference to: Nancy Kurtzborn (e-mail: nancykurtzborn@bioscience.utah.edu), CGGS Search Committee, Building 084, University of Utah, 237 South 1400 East, Salt Lake City, UT 84112-0840. Candidates should 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. E-mail of Interest of University of Utah is filled to: departmentofphysics@chem.utah.edu. Applications will be e-mailed to: chair, Biology and Chemistry of Evolutionary and Environmental Sciences, University of Utah, 225 South Central Campus Drive, CRS Building Rm 6330, Salt Lake City, UT 84112. Tulane University Health Sciences Center, School of Medicine, 1430 Tulane Avenue, New Orleans, LA 70112. Tulane University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

FACULTY POSITIONS

ALASKA WWAMI PROFESSORSHIP of BIOMEDICAL SCIENCES

The University of Alaska Anchorage, the University of Washington School of Medicine, and Idaho (WWAMI) Biomedical Program invites applications for the Alaska WWAMI Professorship of Biomedical Sciences. The position is the University of Alaska Anchorage (UAA) component of a five-state collaborative Medical School affiliated with the University of Washington School of Medicine. The nationally recognized Educator/Research Scientist who fills this position will assist in leading Alaska WWAMI as it continues the positive momentum created by recent developments in biomedical research and medical education. The Professor will be appointed at UAA with an affiliate appointment at UWSoM. Candidates will possess a Ph.D. in a biomedical science or an M.D. and will be eligible for appointment at the level of ASSOCIATE PROFESSOR or PROFESSOR. The successful applicant will bring a strong record of research productivity and a nationally recognized, funded research program, and will contribute to teaching first year medical students in this nationally top-ranked Program. Areas of existing research emphasis include neuroscience, infectious disease, and environmental science. We solicit well-qualified candidates in other areas, especially clinical translational research programs. Find full details and apply at website: https://www.uakjobs.com/. Guaranteed consideration by 14 November 2008.

Duke University

NEURAL CIRCUITS and BEHAVIOR

Position

The Department of Biology at Duke University and the Duke Institute of Brain Sciences (DIBS) seek applications for a tenure-track faculty position, within the thematic core of neural circuits and behavior. We are especially interested in applicants working at the intersections between molecular neuroscience, neural circuits, and behavior using an invertebrate or non-mammalian vertebrate model. Areas of interest include, but are not limited to, locomotion; sound production and communication; chemo, photo and phonotaxis; migratory and homing behavior; sensory processing and plasticity; learning and memory. DIBS is a cross-school, campus-wide, interdisciplinary institute with a commitment to building an interactive community of brain science research and scholarship. The Department of Biology is a broad department with strengths in evolution, ecology, behavior, and cell and molecular biology. It is in close proximity to the Medical School and the School of Engineering, and there are excellent opportunities for interactions with faculty and students from other departments and programs across campus. Successful candidates must have a Ph.D. and will be expected to establish extramurally funded research, train graduate students, and actively participate in undergraduate education and research. We anticipate hiring at the ASSISTANT PROFESSOR level but will consider outstanding individuals at a more senior level.

Interested candidates should send a letter of application, curriculum vitae, a brief summary of current and proposed research, reprints of two or three key publications, and a statement of teaching interests via the website: http://www.academicjobsonline.org. Candidates should also arrange for three letters of recommendation to be uploaded to this website. We will begin to review candidates on October 1, 2008.

Duke University is an Equal Opportunity/Affirmative Action Employer; women and members of minority groups are strongly encouraged to apply.
As part of a bold move to expand research and education, the Department of Biology at the University of Kentucky is increasing the size of its faculty and graduate programs, particularly in the areas of development, molecular genetics and genomics. The Department of Biology is a key component of a highly interactive life science community at the university, which has a long historical stake in modern genetics. This year, Biology’s expansion will include the hiring of two new faculty members.

Cellular Differentiation

We are seeking outstanding candidates with training and expertise in the area of cell potency and fate determination. This includes, but is not limited to the commitment, differentiation, and/or regeneration from stem cells, dedifferentiation, maintenance of pluripotence, interaction of stem cells and niches, or environmental influences on differentiation. Particularly welcome would be a research emphasis on basic questions regarding the regulation of pluripotent and differentiated states. The successful candidate should have proven talents in the application of genetic and molecular approaches to cell biology. The applicant will be expected to develop an independent research program that complements existing University and departmental emphases in genetics, neuroscience and development/cellular. The startup package includes a competitive salary, a generous budget, and an outstanding collegial environment. Send curriculum vitae, statements of research and teaching philosophy, and three reference letters to: Doug Harrison, Chair, Cellular Differentiation Search Committee, Dept. of Biology, University of Kentucky, 101 Morgan Bldg., Lexington, KY 40506.

Epigenetic Gene Regulation in Eukaryotes

We invite applications for outstanding candidates in the area of epigenetic or post-transcriptional gene regulation. Preference will be given to candidates who use a genetically tractable model system to address mechanistic questions in cell or developmental biology. The successful candidate is expected to develop a vigorous, extramurally funded research program and participate in undergraduate and graduate instruction. The startup package includes a competitive salary, a generous budget, and an outstanding collegial environment. Send curriculum vitae, statements of research and teaching philosophy, and three reference letters to: Brian Rymond, Chair, Epigenetic Search Committee, Dept. of Biology, University of Kentucky, 101 Morgan Bldg., Lexington, KY 40506.

For general questions about the program and its future goals, please contact Dr. Vincent M. Cassone, Chair, at Vincent.Cassone@uky.edu or visit our website at http://www.as.uky.edu/academics/departments_programs/Biology/.

Consideration of applications will begin October 20, 2008.

The University of Kentucky is an Affirmative Action/Equal Opportunity University that values diversity and is located in an increasingly diverse geographical region. It is committed to becoming one of the top public institutions in the country. Women, persons with disabilities, and members of other under-represented groups are encouraged to apply.

The University of California at Santa Barbara invites nominations and applications for the position of Dean of the Donald Bren School of Environmental Science and Management. We seek an individual with vision and creative leadership abilities, demonstrated credentials in administration, and an established national and international reputation within the broad environmental science community. The individual should have an outstanding record of scholarly achievement, appropriate for appointment as a full Professor within the University of California. The Bren School is growing in size and stature, and the successful applicant will be expected to provide the direction, inspiration, and administrative skill to continue and expand upon these developments, as well as to play a leadership role in campus research and teaching initiatives on environment. Additional important qualifications include: a broad understanding of the science, policy and management aspects of environmental issues; an appreciation of the nature of both professional and academic degree programs; a willingness and demonstrated ability to lead fund-raising activities and to interact effectively with foundations, NGOs, and governmental and industrial institutions.

The Bren School aims to generate innovative, multi-disciplinary approaches to the study of the environment and humankind’s impact on natural resources. A deep understanding of environmental processes and their management requires the knowledge and analytical approaches of several disciplines, so the School’s faculty includes natural and social scientists and engineers. The centerpiece of the School’s educational program is a two-year Master of Environmental Science and Management (MESM), a professional degree program that trains students to work in the private and public sectors. The School also has a Ph.D. program that reflects the research skills of the faculty, and trains graduates for academic and non-academic employment.

Further information about UCSB, the Bren School, and its programs may be found at http://www.bren.ucsb.edu.

Applicants should submit a resume and letter describing in detail their qualifications in view of the criteria outlined above. The search will remain open until the position is filled, but preference will be given to applications received before November 1, 2008. All inquiries, nominations and applications will be held in strictest confidence. Nominations and expressions of interest should be submitted to:

Chair, Search Committee for the Dean
Donald Bren School of Environmental Science and Management
Office of Academic Personnel, Cheadle Hall 4105
University of California, Santa Barbara
Santa Barbara, CA 93106

UCSB is an Equal Opportunity and Affirmative Action Employer and Educator.
FACULTY POSITIONS

FACULTY POSITION in BIOCHEMISTRY and MOLECULAR BIOLOGY
University of Nebraska Medical Center
The Department of Biochemistry and Molecular Biology invites applications for a position at the rank of ASSISTANT PROFESSOR (including positions requiring a Ph.D. and postdoctoral experience). Successful applicants will contribute to the Department of Biological Sciences, advise students and postdoctorals, and participate in professional service. Review of applicants will commence November 10, 2008, and continue until the position is filled. Interested candidates should submit a letter of application, curriculum vitae, names and contact information of three professional references to: Dr. James E. Kehoe, Chair, Department of Biological Sciences, University of Nebraska Medical Center, Omaha, NE 68198-5870. Also submit a PDF file of the above documents to e-mail: biochem@unmc.edu. UNMC is an Equal Opportunity/Affirmative Action Employer. Minorities and women are encouraged to apply.

ASST PROFESSOR of BIOCHEMISTRY
The California State University, East Bay Department of Chemistry and Biochemistry invites applications for a tenure-track Assistant Professor position in biochemistry (Fall 2009, 09-10 CHEM-BIOCHEM-TT) for the 2009-10 academic year. The successful candidate will have graduate training in biochemistry or a related field and a strong commitment to teaching. Applicants should be prepared to establish an externally funded, independent research program with undergraduate and Master’s students. Teaching responsibilities include introductory biochemistry, advanced metabolism, general education courses, and lower-division chemistry laboratories. A Ph.D. is required, postdoctoral research, and some teaching experience are preferred. Applicants should submit, via regular mail only, a cover letter specifying the position number, curriculum vitae, a one-page statement of teaching philosophy, a two-page statement of research plans, and a list of three references. Review of applications begins November 10, 2008, and continues until the position is filled. CSUEB, an Equal Opportunity Employer, is committed to the principles of diversity in employment.

ASSISTANT PROFESSOR of CHEMISTRY
Mercket Chemistry Center
Boston College
The Merkert Chemistry Center at Boston College invites applications for an open faculty position (Assistant Professor, Professor of Chemistry) to be effective in the fall of 2009 in the field of physical chemistry, all branches thereof, and all related interdisciplinary chemistry fields (materials, single molecule spectroscopy, soft condensed matter). Applicants are sought at the junior level, however, outstanding applicants at the senior level are also welcome. Successful applicants are expected to establish a prominent, externally funded research program and will join a Department of approximately 125 faculty, students, postdoctoral associates, graduate majors, and an internationally recognized faculty. Boston College, located in a residential community bordering the city of Boston, is within 20 minutes of the major universities and medical centers in the Boston area. For application information, please go to website: http://www.bc.edu/chemistry. Due date for all applications: 15 October 2008. Boston College, a University of eight Schools and Colleges, is an Equal Opportunity Employer and supports Affirmative Action.

FACULTY POSITIONS

COMPUTATIONAL AND EVOLUTIONARY BIOLOGY
The Department of Plant Biology at the University of California, Davis, Twin Cities Campus invites applications for a tenure-track ASSISTANT PROFESSORS. Appointees at a more senior level may be considered for exceptional candidates with records of outstanding accomplishment in teaching and research. Preference will be given to outstanding candidates who can utilize state-of-the-art biochemical, molecular, and array approaches to epigenetic research and provide a better understanding of cancer etiology/molecular biology, and array approaches to epigenetic research. Examples of potential research include, but are not limited to: genetic or metabolic network inference; structural, comparative or evolutionary genomics; modeling of complex biological systems. To apply, please submit a letter of application, curriculum vitae, statements of research and teaching interests, and names and addresses of three professional references to: Dr. Revin D. Young, Chair, Computational/Systems Biology Search Committee, Department of Plant Biology, University of Minnesota, St. Paul, 250 Science Center, 1445 Gortner Avenue, St. Paul, MN 55108. Inquiries and electronic applications may be sent to e-mail: plntcomp@umn.edu. The University of Minnesota is an Equal Opportunity Employer and supports Affirmative Action employment. Those who are interested in working with undergraduate students are particularly encouraged to apply.

CONSERVATION BIOLOGIST
Lafayette College
We invite applications for an ASSISTANT PROFESSOR in conservation biology to begin August 2009. Candidates must have a Ph.D. plus postdoctoral training with demonstrated teaching and research experience. We seek a broadly trained ecologist who can teach both in conservation biology and research within the context of a highly selective undergraduate institution combining the sciences, liberal arts, and engineering. Teaching load 3/2 plus honors and independent research students. Teaching duties include participation in general biology, both an intermediate and advanced course (typically with laboratory) in conservation biology, and a fourth course in the applicant’s area of expertise in rotation with a course in the collegiate Common Course of Study. The successful applicant is expected to develop and maintain a vigorous research program involving undergraduates. Detailed position description online at website: http://www2.lafayette.edu/~biology/biohome.html.

FACULTY POSITIONS

VERTEBRATE BIOLOGY FACULTY POSITION
The Department of Biology at Clark University invites applications for a tenure-track position in vertebrate biology, starting 2009-2010. The Department of Biology at Clark University is an Equal Opportunity/Affirmative Action employer, and strives to create a diverse and inclusive community. To apply, please submit a letter of application, curriculum vitae, teaching philosophy, and research interests, and names of at least three professional references to: Professor John W. Bartelt, Department Chairperson, Department of Biology, Clark University, Worcester, Massachusetts 01610. For further information, please see website: http://www.clarku.edu/departments/biology/h/; invites applications for a tenure-track appointment at the rank of ASSISTANT PROFESSOR, to begin fall 2009. The successful candidate will be expected to develop an extramurally funded research program in any area of vertebrate biology involving Ph.D. and undergraduate students. The candidate will teach a core and upper-level curricula. More detailed descriptions are at website: http://www.clarku.edu/biologysearch for full position description. Inquiries should be directed to e-mail: sfoster@clarku.edu. Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.
You can achieve a lot in 550 years.

Founded in 1451, the University of Glasgow is ranked in the world’s top 1% of universities by Times Higher Education. With research contract income in the UK’s top 10, join us and see what you can achieve.

View our current vacancies at www.glasgow.ac.uk/jobs/vacancies, contact humanresources@gla.ac.uk or call +44 (0)141 330 3898.

The University is committed to equality of opportunity in employment.
The University of Glasgow is a registered Scottish charity, number SC004401.

**Junior & Senior Faculty for New Dept. of Bionanoscience**

**Faculty:** Applied Sciences  
**Term of contract:** Tenure track or tenured

An entirely new Department of Bionanoscience will be established at TU Delft, dedicated to research at the interface between nanoscience, synthetic biology, and cell biology. It will study single cells in all their complexity down to the molecular level, from both fundamental scientific and application points of view. The new activities will extend the current nanoscience research themes at the Kavli Institute of Nanoscience (www.ns.tudelft.nl) and the life sciences and biotechnology themes at the Kluvyer Centre (www.bt.tudelft.nl). The current biophysics core group (www.ns.tudelft.nl/mb) is very internationally oriented and has an excellent record in single-molecule nanoscience. Excellent facilities are already available, and the planning for a new, state-of-the-art building for the Biotechnology, Chemical Technology, and Bionanoscience departments is in its final stages.

We aim to attract about 15 top scientists at all levels from junior to senior faculty in a variety of disciplines. Research subjects can cover, but are not limited to, the following topics: 1) Biology and biophysics at the level of the single cell, 2) Molecular/structural biology and biochemistry, 3) Synthetic biology, 4) Theoretical biology and biophysics, 5) Single-molecule biophysics and high-resolution microscopy, 6) Nanoprobes, nanomedicine, and bionanooapplications.

We look for researchers with an outstanding track record in the disciplines mentioned above, with a pioneering mentality, people who are at ease with scientific and engineering challenges and who through their research, management skills and teaching qualities can inspire co-workers and students alike. The successful candidates will be expected to establish a strong, externally funded research programme, and be committed to excellence in teaching at the undergraduate and graduate levels.

**Information and application**

For more information about the job and procedure you can visit our website: www.bn.tudelft.nl

www.bn.tudelft.nl
The Department of Geography and the Center for Global Change and Earth Observations (CGCEO) at Michigan State University are seeking applications for an open-rank, TENURE-TRACK POSITION in REMOTE SENSING beginning August 2009. A Ph.D. degree in geography or closely related discipline is required. The successful candidate will be an established scholar with a strong record of extramural funding, high-quality publications, and a comprehensive plan for future extramural funding. This position is a joint appointment in the CGCEO and the Department of Geography, and thus explicitly collaborative. We seek exceptional candidates with international research interests in areas such as coupled physical-human systems, urban or environmental modeling. Applicants will be expected to develop an externally funded research program, teach undergraduate and graduate courses, and mentor graduate students. Applicants should send a letter stating research interests, current curriculum vitae, and names of three references. Apply to: Prof. Joe Messina, Search Committee Chair, 116 Geography Building, Michigan State University, East Lansing, MI 48824-1117; e-mail: jpm@msu.edu; telephone: 517-353-1715. Review of applications will begin November 1, 2008, and continue until the position is filled. Michigan State University is an Equal Opportunity Institution and strongly encourages applications from women and minorities.

ASSISTANT/ASSOCIATE PROFESSORS. The Pennsylvania State University, College of Medicine, Department of Microbiology and Cellular Sciences, invites applications for tenure-track Assistant or Associate Professor positions at the intersection of the broad disciplines of genome science and the pathogenesis of infectious diseases. Specific areas of expertise may encompass, but are not limited to, bioinformatics, genomics, comparative and functional genomics, metagenomics, and the evolutionary biology of molecular and cellular pathogenesis of bacteria, viruses, and protozoan parasites. Research relevant to the above areas is encouraged. Review of applications will begin November 1, 2008, and continue until a suitable candidate is found. More information on the position can be found at http://www.bms.dental.umaryland.edu/research-id.htm and http://www.igs.umaryland.edu/.

Minimum qualifications: M.D., Ph.D., D.D.S./Ph.D., or Ph.D. in microbiology and immunology, cell biology, or related field. Applicants should have an established record of excellence in undergraduate education, a growing graduate program, and an active, multidisciplinary, international research program. Interested applicants should submit a letter of interest, curriculum vitae, and three letters of recommendation to: Richard Grimes, Chair, Microbial Pathogenesis Search Committee, Room 9215, Department of Microbial Pathogenesis, University of Maryland School of Medicine, 650 West Baltimore Street, Baltimore, MD 21201. E-mail: rrichards@med.umaryland.edu. The University of Maryland is an Affirmative Action/Equal Employment Opportunity/ADA Employer.

ASISTANT PROFESSOR. Microbiology. Lehigh University’s Department of Biological Sciences (website: http://www.lehigh.edu/~inbios) invites applications for an Assistant Professor position at the level of Assistant Professor in all areas of microbiology to begin in fall 2009. Successful candidates will be expected to continue and communicate in the college and maintain a research program that is open to applications from women and members of minority groups.

The University of the South seeks to hire a tenure-track ASSISTANT PROFESSOR OF BIOLOGY. The successful candidate will teach upper-division undergraduate courses in molecular and cellular biology, participate in the Department’s introductory biology classes, and maintain a research program that actively engages undergraduate students. Candidates should be enthusiastic about developing a teaching and research program in the context of the liberal arts tradition in education. The College of Liberal Arts and Sciences at the University has an undergraduate enrollment of about 1,400, and is located on a biologically diverse, 13,000-acre campus on Tennessee’s Cumberland Plateau. Review of applications will begin on October 1, 2008, and continue until a suitable candidate is found. More information about the position can be found at: http://www.sewanee.edu/biology/search.html. The University of the South is an Equal Opportunity Employer. Minorities and women are encouraged to apply.

The Department of Biology at Western Kentucky University (WKU) invites applications and nominations for the position of HEAD of the DEPARTMENT OF BIOLOGY. The successful candidate will provide visionary leadership for an active, collegial department that maintains an excellent undergraduate and graduate teaching and research program. The position is open-rank, with the possibility of an endowed professorship. More information about the position can be found at http://bioweb.wku.edu/headsearch2008/. Submit applications and nominations to: Biology Department Head Search Committee, Western Kentucky University, 1906 College Hill Road #11080 Bowling Green, KY 42101-1080. Review of applications will begin on October 10, 2008, and continue until the position is filled. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities, and disabled veterans. Western Kentucky University is an Affirmative Action/Equal Employment Opportunity Employer.

ASSISTANT PROFESSOR. The Department of Anatomy and Pathology of Joan C. Edwards School of Medicine invites applications for a tenure-track Assistant Professor position to teach embryological and anatomic laboratory instruction, and to contribute to evolving graduate program. Successful candidate will have a Ph.D. in anatomy or a related field, or an M.D. degree. Candidates will be expected to develop and/or maintain an externally funded research program in an area to complement existing departmental expertise in vertebrate anatomy and evolution. Candidates should send an introductory letter addressing their teaching experience and research plans, curriculum vitae, and contact information for three references to: Faculty Search Committee for Gross Anatomy, Section of Anatomy, 1542 Spring Valley Drive, Marshall University JCESOM, Huntington, WV 25704. Send applications to e-mail: richardson@marshall.edu. Screening of applications will begin October 15, 2008. Marshall University is an Equal Opportunity/Affirmative Action/ADA Employer and especially encourages applications from women and members of minority groups.

The successful candidate will teach upper-division undergraduate courses in molecular and cellular biology, participate in the Department’s introductory biology classes, and maintain a research program that actively engages undergraduate students. Candidates should be enthusiastic about developing a teaching and research program in the context of the liberal arts tradition in education. The College of Liberal Arts and Sciences at the University has an undergraduate enrollment of about 1,400, and is located on a biologically diverse, 13,000-acre campus on Tennessee's Cumberland Plateau. Review of applications will begin on October 1, 2008, and continue until a suitable candidate is found. More information about the position can be found at: Dr. David Haskell, Chair of Biology, 735 University Avenue, The University of the South, Sewanee, TN 37383. Please mail hardcopies of application materials; e-mail submissions are not accepted. More information about the position can be found at: http://www.sewanee.edu/biology/search.html. The University of the South is an Equal Opportunity Employer. Minorities and women are encouraged to apply.
The Faculty of Physics of the University of Vienna announces six Full Professors. The appointments are full-time, permanent positions under private law. To encourage junior scientists, in case of a first time appointment to professorship, the appointment may be limited to 6 years and will become permanent after a positive evaluation.

The professorships are announced for the following fields (to be interpreted in the broadest way):

**Aerosol Physics and/or Cluster Physics**
**Gravitational Physics**
**Hybrid Systems and Complex Materials**
**Multiscale Computational Physics**
**Quantum Information on the Nanoscale**
**Quantum Transport Phenomena**

For further information about these professorships and about the Faculty of Physics please check the web site [physics.univie.ac.at](http://physics.univie.ac.at).

The official and legally relevant text of the job announcements can be found at the web page [www.univie.ac.at/persabt/jobs](http://www.univie.ac.at/persabt/jobs). Requests for further information may be addressed at any time to the Dean of the Faculty of Physics at dekan.physik@univie.ac.at to which address applications in English should also be submitted (preferably as pdf attachments) no later than September 30th, 2008.

The University of Vienna intends to increase the number of women on its faculty, particularly in high-level positions, and therefore specifically invites applications by women. Among equally qualified applicants women will receive preferential consideration.

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**BIological SCIENCES SCHOLARS PROGRAM**

**For Junior, Tenure-Track Faculty**

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

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

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

*The University of Michigan is an Affirmative Action/Equal Opportunity Employer.*
EMORY UNIVERSITY
Department of Environmental Studies
The Department of Environmental Studies at Emory University invites applications for a faculty position at the ASSISTANT or ASSOCIATE PROFESSOR level to begin immediately. We seek candidates who will actively engage with a faculty that is committed to teaching and research that integrates the natural and social sciences in the study of the environment. Thematic areas of particular interest to the Department include, but are not limited to, sustainable urban ecology, and water management and policy. Preference will be given to candidates who incorporate quantitative methods in their research and teaching. We welcome applications from faculty who will complete a Ph.D. by August 2009, in a relevant discipline such as earth and atmospheric sciences, ecology, economics, geography, public health, public policy, and urban studies. Successful candidates should be prepared to establish a vigorous program of research and be committed to excellence in the training of undergraduate and graduate students. The position provides an opportunity to join a growing department in collaborative research, teaching, and training programs that are consistent with the University’s Strategic Initiatives (website: http://www.emory.edu/univplanning.cfm) in state-of-the-art facilities with unique urban forest setting. For additional information about the Department and links to Atlanta and Emory University, please visit the departmental website: http://www.envs.emory.edu. Applications should include curriculum vitae, a statement of research interests, copies of three refereed publications, and the names of three references. Materials should be submitted electronically to e-mail: byrd@fearlanklin.emory.edu. Review of applications will begin October 31, 2008, and continue until the position is filled. Inquiries may be directed to Dr. Lance Gunderson; e-mail: lgunder@emory.edu. Emory University is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are encouraged to apply for this position.

ASSISTANT PROFESSOR IN CELLULAR MICROBIOLOGY
The Division of Basic Biomedical Sciences at the Sanford School of Medicine of the University of South Dakota invites applications for a tenure-track faculty position in the Department of Microbiology at the Assistant Professor level. Candidates must have a Ph.D. and/or M.D., or equivalent degree, and postdoctoral experience. Successful candidates will be expected to develop an independent, externally funded research program investigating the host-pathogen interface. Areas of interest include, but are not limited to, the study of mechanisms used by pathogens to exploit cellular processes and pathogen modulation of host cell responses. Preference will be given to candidates whose research complements existing strengths in the Division. The Division unites the classic basic science medical departments into a single administrative unit; a structure that breaks down traditional boundaries and allows interdisciplinary collaboration to flourish. In addition to infectious diseases, other areas of research strength include cardiovascular diseases, oncology, cell and molecular regulation, neuroscience and protein quality control. The successful candidate also will be expected to participate in teaching medical, graduate, and/or undergraduate students. Excellent startup funds, state-funded salary commensurate with experience, and modern research facilities in the new Lee Medical Building in Vermillion, South Dakota. Shared core facilities, state-of-the-art core facilities are also available. Applicants should include curriculum vitae, representative reprints, summary of past experience, statement regarding research interests and future plans, and contact information for three professional references. All materials should be sent to the University of South Dakota online employment website: https://yourfuture.sdбор, posting number 0001769. Review of applications will begin November 1, 2008, and continue until position is filled. Affirmative Action/Equal Opportunity Employer.

ECOLOGIST (MODELLING)
The Department of Biology seeks a broadly trained Ecologist for a full-time, tenure-track ASSISTANT PROFESSOR position to begin July 1, 2009. The successful candidate will approach central questions in ecology from a computational or modeling perspective and use these as core components of an active research program involving undergraduates. Teaching responsibilities will include participation in introductory biology, a general course in computational biology, an advanced course in computational ecology and ecological modeling. This position will contribute to the College’s interdisciplinary Program in Environmental Studies. A Doctorate and at least one year of postdoctoral experience are required. Submit curriculum vitae, a description of research plans that addresses the role of undergraduates in your research, a statement of teaching philosophy that includes areas of teaching interest, and arrange for three letters of recommendation to be sent by September 24, 2008, to: Chair, Ecology Search, Department of Biology, Bryn Mawr College, 101 N. Merion Avenue, Bryn Mawr, PA 19010-2899. Electronic submissions (e-mail: jacobyy@brynmaur.edu) are accepted only by a hard copy of all materials for full consideration.

Located in suburban Philadelphia, Bryn Mawr College is a highly selective liberal arts college for women with an intense intellectual community, a self-directed and purposeful vision of their lives, and a desire to make meaningful contributions to the world. Bryn Mawr comprises an undergraduate college with 1,200 students, as well as coeducational graduate and professional schools in business, engineering, and social work. The College participates in a consortium together with Haverford and Swarthmore Colleges and the University of Pennsylvania. Bryn Mawr College is an Equal Opportunity, Affirmative Action Employer. Minority candidates and women are especially encouraged to apply.

TENURE-TRACK FACULTY POSITION IN NEUROBIOLOGY at DVaMICROBIOLOGY
The Department of Biology at Duke University and the Duke Institute of Brain Sciences (DBS) seek applications for a tenure-track faculty position in neurobiology at a Cellular/Molecular level. We are especially interested in candidates using model invertebrate systems, or zebrafish, and genetic, molecular, developmental, and/or systems level approaches to address problems of fundamental importance to neuronal function. DBS is a cross-disciplinary, interdisciplinary institute with a commitment to building an interactive community of brain science research and scholarship. The Department of Biology is in close proximity to the Medical School and the School of Engineering, and there are excellent opportunities for interactions with faculty and students from other departments and programs across campus. Successful candidates must have a Ph.D. and will be expected to establish extramurally funded research, train graduate students, and actively participate in undergraduate education and research. We anticipate hiring at the ASSISTANT PROFESSOR level but will consider outstanding individuals at a more senior level. Please send curriculum vitae, a summary of current and proposed research, reprints of two or three key publications, and a statement of teaching interests via website: http://www.academiqjobsline.com. Candidates should also arrange for three letters of recommendation to be uploaded to this website. We will begin to review candidates on October 1, 2008.

Duke University is an Equal Opportunity/Affirmative Action Employer; women and members of minority groups are strongly encouraged to apply.

TENURE-TRACK POSITION IN BIODIVERSITY SCIENCE
McGill University
The Department of Biology at McGill University invites applications for a tenure-track position in biodiversity science involving fundamental research in ecology or evolution using a molecular or a bioinformatics approach. The new faculty member will complement a Department that has a strong tradition in ecology and evolution. The successful applicant will be expected to conduct a vigorous program of independent, externally funded research, and to contribute to teaching at both the undergraduate and graduate levels. Candidates must hold a Ph.D. or equivalent degree and demonstrate excellence in the field.

Persons wishing to be considered for this position should send curriculum vitae, a statement of research interests, a statement of teaching interests, copies of three major publications, and arrange to have three letters of reference submitted directly to: Biodiversity Search c/o Ms. Zabrina Kadkhodayan Department of Biology McGill University 1205 Avenue Docteur Price, Room W4/7 Montreal, Quebec, H3A 1B1, Canada

The application deadline is 15 October 2008. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. McGill University is committed to equity in employment. McGill University is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, and others who may contribute to the further diversification of ideas.
ASSISTANT PROFESSOR OF BIOCHEMISTRY
UNIVERSITY OF WASHINGTON, SEATTLE

The Department of Biochemistry at the University of Washington School of Medicine invites applications for a tenure-track Assistant Professor position. We seek creative scientists whose research focuses on molecular aspects of important biological problems. Our department is also strongly committed to teaching at the undergraduate, graduate, and medical school levels. Applicants should have a Ph.D. in biochemistry, cell or molecular or developmental biology, structural biology or biophysics, or a related field, or an M.D.

Submit a curriculum vitae, research prospectus, and reprints or preprints as PDFs to bcsearch@u.washington.edu by November 15, 2008. Three letters of recommendation should be emailed separately or mailed to:

Alan Weiner, ZymoGenetics Chair
Department of Biochemistry
Box 357350
University of Washington
Seattle, WA 98195-7350
Voice: 206-543-1768

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

Faculty Positions At MIT, The McGovern Institute For Brain Research

The McGovern Institute for Brain Research at MIT is seeking two faculty members at the Assistant Professor, Associate Professor or Professor level. The McGovern Institute’s general focus is in systems neuroscience with an emphasis on the neural basis of perception, cognition, and action. We are seeking two candidates with a research focus in any of these three areas, one using human subjects and the other using animal models. We would regard it as a plus if the candidate’s work bridges levels using a variety of tools and/or if the candidate were interested in translating basic research findings into new ideas for studying the pathophysiology or treatment of brain disorders.

The mission of the McGovern Institute is to understand the relationship of neuronal processes, circuits and computations to behavior, ultimately providing benefits to human health and welfare. Research in the McGovern Institute is expected to help people with brain disorders ranging from sensory system impairments to movement disorders and emotional and cognitive disorders. McGovern Institute scientists have many opportunities for collaboration in a diverse and cutting-edge environment. In the fall of 2005, the Institute moved to occupy a new building, which includes a brain imaging center for human subjects and animals. McGovern Institute members are appointed through an MIT department and will have teaching responsibilities for their home department.

Applicants should submit a curriculum vitae, a summary of current and proposed research programs, a publication list, and should arrange for three letters of recommendation to be sent electronically (preferably PDF) to the McGovern Institute Search Committee, at the following email address: McGovernInstituteSearch@mit.edu. Please indicate which of the two positions you are applying for in your cover letter. Consideration of applications will begin on November 1, 2008 and will continue until the positions are filled. For more information on the McGovern Institute please visit our website at http://web.mit.edu/mcgovern.

MIT is an Affirmative Action/Equal Opportunity Employer. Qualified women and minority candidates are especially encouraged to apply.

MCW is an equal opportunity Affirmative Action Employer, M/F/D/V
TWO FACULTY POSITIONS in BIOLOGY
Earlham College

Earlham College, a national, selective liberal arts college, seeks persons who are dedicated to innovative teaching and student-faculty collaborative research. Commitments to liberal arts curricula, teaching excellence, advisering, collegiality, and service to the Institution are essential. Ph.D. required; postdoctoral research or teaching experience is desirable. VETEREBATE PHYSIOLOGIST. Teaching responsibilities include human physiology and animal physiology courses (integrated or separate), integration of teaching and research in physiology and/or systematics, or marine biology are desirable. Applicants must have a Ph.D. and/or M.D., or equivalent degree, and postdoctoral experience. Successful candidates will be expected to develop an independent, externally funded research program. Research in the areas of targeted proteolysis, protein turnover, signal transduction, molecular chaperones, protein quality control, or conformational diseases is particularly desired. These topics should relate to the genesis and/or treatment of diseases including, but not limited to, cancer and cardiovascular disease. Preference will be given to applicants whose research complements the existing strengths in protein folding, molecular chaperones, targeted proteolysis, and signal transduction. The successful candidate will also be expected to participate in teaching undergraduate, graduate, and medical students. Excellent startup funds, state-funded salary commensurate with experience and modern research facilities in the new Lee Medical Building, Vermilion, South Dakota will be provided. Application should include curriculum vitae, a summary of past research and teaching experience, a statement of research interests and future plans, as well as three letters of reference. All materials should be sent to the University of South Dakota online employment website: https://yourfuture.sdbor.edu, posting number 0001770. Review of applications will begin on November 1, 2008, and continue until position is filled. Affirmative Action/Equal Opportunity Employer.

EARTH and ENVIRONMENTAL SCIENCE

The Department of Earth and Environmental Science at the University of Pennsylvania invites applications for an ASSISTANT PROFESSORSHIP in earth and environmental science. The position is expected to be filled at the Assistant Professor level but exceptional senior candidates will be considered. The research and teaching interests of the successful candidate will broaden and complement the Department’s current activities in the areas of earth history and surficial processes. Further information about the Department may be sought at website: http://www.sas.upenn.edu/earth/. The successful candidate will maintain an active research program while teaching graduate and undergraduate courses in earth and environmental science. Applicants should submit their curriculum vitae, a statement of research and teaching interests, and a selection of up to four representative reprints online at website: http://facultysearches.provost.upenn.edu/apply.html. The position may begin July 1, 2010. The search will remain open until the position is filled. The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer and is strongly committed to diversity. Women and minorities are encouraged to apply.

Penn State Worthington Scranton invites applications for an ASSOCIATE or FULL PROFESSOR of SCIENCE and PROGRAM COORDINATOR for the SCIENCES (75 percent faculty and 25 percent administrative appointment) to begin January 2009. Teach undergraduate science courses; prefer experience teaching college-level biochemistry or molecular biology. Research and service expected. Serve as part of the university’s continuing commitment to Indo-Pacific research. Ph.D. in a biological sciences discipline required. Ideal candidate will have teaching and/or experience in microbiology, biochemistry, immunology, or a closely related field. To learn about the position and how to apply, visit website: http://www.psu.edu/ur/cmpcoll.html. To learn about the position and how to apply, visit website: http://www.psu.edu/jobs/Search/Opportunities.html and follow the Faculty link. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR

The Division of Basic Biomedical Sciences at the Sanford School of Medicine of the University of South Dakota invites applications for a tenure-track faculty position(s) at the Assistant Professor level. Exceptional applications for a tenure-track faculty position(s) at the Associate Professor level may be considered. Applicants must have a Ph.D. and/or M.D., or equivalent degree, and postdoctoral experience. Successful candidates will be expected to develop an independent, externally funded research program. Research in the areas of targeted proteolysis, protein turnover, signal transduction, molecular chaperones, protein quality control, or conformational diseases is particularly desired. These topics should relate to the genesis and/or treatment of diseases including, but not limited to, cancer and cardiovascular disease. Preference will be given to applicants whose research complements the existing strengths in protein folding, molecular chaperones, targeted proteolysis, and signal transduction. The successful candidate will also be expected to participate in teaching undergraduate, graduate, and medical students. Excellent startup funds, state-funded salary commensurate with experience and modern research facilities in the new Lee Medical Building, Vermilion, South Dakota will be provided. Application should include curriculum vitae, a summary of past research and teaching experience, a statement of research interests and future plans, as well as three letters of reference. All materials should be sent to the University of South Dakota online employment website: https://yourfuture.sdbor.edu, posting number 0001770. Review of applications will begin on November 1, 2008, and continue until position is filled. Affirmative Action/Equal Opportunity Employer.

FOUR TENURE-TRACK POSITIONS
Florida State University

Over the next two years, we will hire three ASSISTANT PROFESSORS and one FULL PROFESSOR as part of the Florida State University (FSU) clusters initiative in Integrative Environmental Sciences (http://pathways.fsu.edu/faculty/geeo/). The positions will be placed in the Departments of Chemistry and Biochemistry, Geological Sciences, and Biological Sciences. We are particularly interested in candidates who are not limited to candidates in the following areas: marine and environmental chemistry, biogeochemistry, chemical biology, or analytical chemistry applied to marine environments; geophysics and marine geology; and biology/microbiology/genomics of deep sea fauna of cold seep environments.

This cluster will focus on exploration and study of marine environments characterized by unusual conditions, extreme temperatures, solutes or gas concentrations, or hydrodynamic stress. The proximity of FSU to the Gulf of Mexico with its abundant oil and gas seeps, seafloor carbonate deposits, asphalt flows, brine lakes, and gas-hydrate bearing sediments provides unique opportunities for this research and exciting discoveries.

Please send curriculum vitae and statements of research and teaching interests, and names of three references to Dr. J. Chanton (email: jchanton@fsu.edu). This initiative is supported by the facilities of the National High Magnetic Field Laboratory, the Center for Ocean-Atmosphere Prediction Studies, and the FSU Coastal and Marine Laboratory. For further information contact Dr. J. Chanton or Markus Huettel. E-mail: jchanton@fsu.edu, or e-mail: mhuettel@ocean.fsu.edu. Applications should be received by November 15, 2008, to receive full consideration. FSU is an Equal Opportunity/Affirmative Action Employer.

GASTROENTEROLOGY-PHYSICIAN SCIENTIST

The Division of Gastroenterology in the Department of Medicine at the University of Pennsylvania School of Medicine invites applications for an AGENT, and/or ASSOCIATE PROFESSOR in the tenure track. Rank will be commensurate with experience. Applicants must have an M.D. or Ph.D. or M.D./Ph.D. degree and demonstrate excellent qualifications in education and research. Board-certified/Board-eligible in internal medicine and gastroenterology. The Division is seeking a candidate who has demonstrated excellence in basic or translational or epidemiological research in the gastrointestinal sciences. Basic science: the successful candidate will have demonstrated excellence in basic research of gastrointestinal/hepatology (e.g. immunology, oncology, virology). Epidemiology: the successful candidate will have demonstrated research interest in gastrointestinal epidemiology with the development of an independently funded research program and be expected to participate in our teaching and research mission. The University of Pennsylvania is an equal opportunity/affirmative action employer, committed to diversity in the workplace. Women and minorities are strongly encouraged to apply.

Penn State York invites applications for a tenure-track ASSISTANT PROFESSOR of BIOLOGY to begin August 2009. Teach undergraduate courses in basic biology, immunology, or a closely related field. Ph.D. in a biological sciences discipline required. Ideal candidate will have training and/or prior experience in microbiology, biochemistry, immunology, or a closely related field. To learn about the position and how to apply, visit website: http://www.psu.edu/jobs/Search/Opportunities.html and follow the Faculty link. Affirmative Action/Equal Opportunity Employer.
**UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN**

**School of Molecular & Cellular Biology**

The School of Molecular and Cellular Biology (<http://www.life.uiuc.edu/mcb/>) in the College of Liberal Arts and Sciences at the University of Illinois at Urbana-Champaign invites applications for two full-time tenure track faculty positions in the areas described below. All positions require a doctorate degree (Ph.D. or M.D.) and postdoctoral experience and have a suggested starting date of August 16, 2008. Although we focus on recruiting at the Assistant Professor level, more senior candidates are also encouraged to apply. Salaries for these positions are commensurate with experience. The School of Molecular and Cellular Biology is the home of the Departments of Microbiology, Biochemistry, Cell & Developmental Biology and Molecular & Integrative Physiology as well as the campus-wide Center for Biophysics & Computational Biology and Neuroscience Program. We offer the opportunity to join a dynamic group of outstanding biological scientists in a highly interactive, interdisciplinary environment with a robust graduate program. The School and University provide a wide-range of state-of-the-art research facilities, including sub-diffraction optical imaging, mass spectrometry, NMR, EPR, X-ray crystallography, micro- and nanoscale fabrication, as well as infrastructure for genomics, proteomics, metabolomics, immunology, flow cytometry and transgenic animals. Superb resources for computational biology are available through the National Center for Supercomputing Applications, the NIH Resource for Macromolecular Modeling & Bioinformatics and the Illinois Informatics Institute. The Beckman Institute and Institute for Genomic Biology are campus strengths and a newly formed Division of Biomedical Sciences catalyzes translational research efforts from bench through animal model to clinical application.

Applications should be submitted to: School of Molecular and Cellular Biology Faculty Search, University of Illinois at Urbana-Champaign, 393 Morrill Hall, 505 S. Goodwin Ave., Urbana, IL 61801. The telephone number is (217) 333-1736. The application must include a curriculum vitae (including an email address) with a complete list of publications, a concise summary of past research accomplishments and a statement of future research plans. Please arrange to have no fewer than three letters of recommendation sent to the same address. Electronic submission of pdf or Microsoft Word files is encouraged. Files should be sent to the appropriate email address indicated above. To ensure full consideration, applications must be received before December 1, 2008. Interviews may be conducted prior to the closing date; however, no hiring decision will be made until after December 1, 2008.

**FACULTY POSITIONS – MICROBIOLOGY**

The Department of Microbiology and Molecular Genetics at the University of Texas Health Science Center at Houston invites exceptional applicants for open-rank tenure track positions. Applicants must hold a Ph.D. and/or M.D. and have several years of postdoctoral experience with demonstrated excellence in research. All fields will be considered, but candidates interested in virology or Gram negative bacteria are encouraged to apply. Applicants should submit a curriculum vitae, summary of postdoctoral research, description of future research plans, and names and addresses of three references as a single PDF file to microbiologyssearch@uth.tmc.edu. For full consideration, applications should be received by November 17, 2008.

The Department of Microbiology and Molecular Genetics is expanding with multiple open positions, and seeks to complement existing strengths in the pathogenesis, molecular biology, genetics, and cell physiology of microbial model systems. Newly constructed laboratory space, including a state-of-the-art BSL-3 facility, is available, as are generous startup packages. Successful applicants will be expected to maintain an active research program and contribute to graduate and medical education. As part of the Texas Medical Center, the world’s largest medical center, our faculty enjoy rich interactions with neighboring academic and health institutions including Baylor College of Medicine, M.D. Anderson Cancer Center, Rice University, and the Texas A&M Institute of Bioscience and Technology.

**FACULTY POSITIONS – PARASITOLOGY**

The Department of Microbiology and Molecular Genetics at the University of Texas Health Science Center at Houston is building a program in molecular parasitology and invites exceptional applicants for open-rank tenure track positions in this field. Applicants must hold a Ph.D. and/or M.D. and have several years of postdoctoral experience with demonstrated excellence in biochemistry, molecular biology or pathogenesis of eukaryotic microorganisms. Applicants should submit a curriculum vitae, summary of postdoctoral research, description of future research plans, and names and addresses of three references as a single PDF file to: parasitologyssearch@uth.tmc.edu. For full consideration, applications should be received by November 17, 2008.

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

The University of Texas Health Science Center at Houston is an EO/AA employer. M/F/D/V. These are security sensitive positions and thereby subject to Texas Education Code § 51.215. A background check will be required for the final candidates.
Assistant Professor in Organic Chemistry

University of Texas Southwestern Medical Center

The Department of Biochemistry at the University of Texas (U.T.) Southwestern Medical Center announces an Assistant Professor position in ORGANIC CHEMISTRY. The successful candidate will be responsible for teaching organic chemistry courses, developing and delivering a research program, and participating in the Chemistry Graduate Program. Applicants should submit curriculum vitae, a concise description of research plans, three letters of reference including one from a current advisor, copies of graduate and undergraduate transcripts, an indication of research interests, teaching philosophy, and other supporting materials through MathJobs. Review of applications will begin October 15, 2008, and continue until the position is filled.

Assistant Professor

Kansas State University

Molecular and Cellular Biology

A tenure-track Assistant Professor position is available in the Division of Biology in the general area of molecular and cellular biology. The successful candidate will develop an externally funded research program and participate in undergraduate and graduate instruction. A Ph.D. or equivalent postdoctoral training is required. More information, including application instructions, can be found at: http://www.mathjobs.org.

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There’s an opportunity for you at Cornell.

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

Faculty Position in Biomedical Engineering Weill Institute for Cell and Molecular Biology

Biomedical Engineering is a new department formed to act as an intellectual bridge between engineering and the physical sciences and biology and medicine. The mission of the department is to do research and to educate students to understand the human body as an integrated system through quantitative, multiscale analysis linking molecular biology to cellular biology to tissue/organ physiology and ultimately to the response of physiological systems.

As part of its New Life Sciences Initiative, Cornell has recently established and endowed the Weill Institute for Cell and Molecular Biology (http://www.icmb.cornell.edu). The Institute will consist of 12 faculty members housed in a recently completed $160M building (Weill Hall). It is envisioned to become a vibrant center of scientific excellence in basic cell biology, which will be closely integrated with strong existing programs in chemistry and chemical biology, physics, computational biology, and engineering. All Institute faculty will be physically located in Weill Hall, but will have full appointments in academic departments, to which they will contribute teaching and service.

A faculty position is available at the assistant professor level, or for exceptional candidates at the Associate or Full Professor level, in the area of quantitative cellular biology. The selected candidate will be appointed in BME and affiliated with the Institute, and must have interests and expertise consistent with both appointments. Priority will be given to applicants trained in cell/molecular biology and engineering or the physical sciences who are using joint experimental/computational approaches to address quantitatively a fundamental question in molecular or cell biology (e.g. cell cycle control, signal transduction, etc) related to human health. Candidates whose research includes development of optical techniques and instrumentation are especially encouraged to apply.

The Department of Biomedical Engineering and the College of Engineering at Cornell embrace diversity and seek candidates who will create a climate that attracts students of all races, nationalities, and genders. We strongly encourage women and underrepresented minorities to apply. Cornell University seeks to meet the needs of dual-career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual-career searches. Visit http://www.upstatenycrc.org to see positions available in higher education in the Upstate New York Area.

Applicants should submit a curriculum vitae (highlighting 3-5 publications with title and abstract), a research plan (2-3 pages), and a statement of teaching interests. Personal statements summarizing teaching experience, leadership efforts, and contributions to diversity are encouraged. All materials should be submitted electronically to https://fastbme.ece.cornell.edu.

Applicants will be asked to provide contact information for three letters of recommendation to be submitted to the same website concurrent with the other application materials. The committee will evaluate completed applications received by November 15, 2008, with later applications being considered until the position is filled.

www.ohr.cornell.edu/jobs

Cornell University is an equal opportunity, affirmative action employer and educator.

UNIVERSITY OF CALIFORNIA SANTA CRUZ

2008-2009 FACULTY RECRUITMENT

UC Santa Cruz faculty make significant contributions to the body of research that has earned the University of California the ranking as the foremost public higher education institution in the world. In the process, our faculty demonstrate that cutting-edge research, excellent teaching and outstanding service are mutually supportive. We are currently recruiting for the following positions:

ARTS

• History of Art & Visual Culture: Asian Visual Culture – Asst. Professor or Assoc. Professor
• History of Art & Visual Culture: Architectural History – Asst. Professor
• Art: Electronic/Digital Arts/New Media – Asst. Professor

ENGINEERING

• Computer Science: Software Engineering – Asst. Professor

HUMANITIES

• History of Consciousness: (2 positions), Cross-disciplinary – Assoc. Professor or Professor
• Languages: Applied Linguistics, Various Language Competency – Asst. Professor, Assoc. Professor, or Professor
• Linguistics: Experimental Phonetics or Formal Syntax – Asst. Professor or Assoc. Professor
• Literature: Creative Writing (Poetry) – Asst. Professor or Assoc. Professor
• Philosophy: AOS - Ancient, Early Modern, Philosophy of Science, or Moral Philosophy – Asst. Professor or Assoc. Professor
• Humanities: The Sarbjit Singh Aurora Endowed Chair in Sikh & Punjabi Studies – Asst. Professor, Assoc. Professor, or Professor
• Writing: Program Leadership/Composition & Rhetoric – Lecturer with Security of Employment (an academic senate-level position)

PHYSICAL & BIOLOGICAL SCIENCES

• Earth & Planetary Sciences: Planetary Science – Asst. Professor
• Ecology & Evolutionary Biology: Comparative Vertebrate Physiology – Asst. Professor
• Mathematics: Topology & Analysis – Asst. Professor
• Molecular, Cell and Developmental Biology: Vertebrate Stem Cell Biology – Asst. Professor, Assoc. Professor or Professor
• Molecular, Cell and Developmental Biology – Lecturer with (Potential) Security of Employment (an academic senate-level position)

SOCIAL SCIENCES

• Community Studies: Social Documentation – Asst. Professor
• Community Studies: Social Movements – Assoc. Professor or Professor
• Economics: International Economics – Asst. Professor or Assoc. Professor
• Economics: Macroeconomics – Asst. Professor
• Education: Mathematics Education – Asst. Professor
• Environmental Studies: Political Economy of Environmental Change in the Global South – Assoc. Professor or Professor
• Latin American & Latino Studies: Political Economy in the Americas – Asst. Professor
• Political Science: International Law & Human Rights – Asst. Professor or Assoc. Professor
• Psychology: Developmental Psychology – Asst. Professor
• Psychology: Intergenerational Patterns of Informal Learning – Asst. Professor
• Psychology: Social Psychology of Institutions – Asst. Professor
• Sociology: Inequality Studies – Asst. Professor

For the most current list of openings, position descriptions, and application information, please visit:
apo.ucsc.edu

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.
FACULTY POSITIONS IN BIOTECHNOLOGY

The University of Wisconsin, Milwaukee invites applications for two faculty positions in biotechnology at the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level. Candidates conducting research in areas supporting microbial biotechnology, including biochemistry, microbial genetics, proteomics, structural biochemistry, microbial physiology, or applied microbiology, are encouraged to apply. The successful candidates will be expected to develop an extramurally funded research program, teach in the departmental curriculum, and contribute to the research training of graduate and undergraduate students in areas of microbial biotechnology. Applications can be submitted online at: https://www.jobs.uwm.edu/applicants/Central?quickFind=50609. A complete application should include: letter of interest, curriculum vitae, statement of research and teaching interests, and three letters of professional reference. Applications should be submitted by December 15, 2008.

FACULTY POSITIONS

CARDOVASCULAR SCIENTIST

ASSISTANT, ASSOCIATE, or FULL PROFESSOR

University of Washington, Seattle

The Department of Medicine, University of Washington, invites applications for a lab-based investigator to join the Division of Cardiology as a full-time faculty member. The successful applicant should have an active, well-funded research program in vascular biology, cardiovascular disease, and an interest in cell and gene therapy or a related field. The appointment will be at an appropriate rank ranging from Assistant to Full Professor, and will include a joint appointment in the Institute for Stem Cell and Regenerative Medicine, University of Washington. We seek an applicant whose research and teaching will complement existing institutional strengths in cardiology, vascular biology, stem cell research, genetics, gene therapy, and genomics. The successful applicant will carry out both independent and collaborative research and, if clinically qualified, would attend on the cardiology service at the University of Washington Medical Center or one of its major affiliates. Candidates must have an M.D. or Ph.D.

Newly renovated laboratory space will be available at the Lake Union campus of the University of Washington, as well as a substantial startup package. Position open until filled.

University of Washington faculty engages in teaching, research, and service. Qualified applicants should send a letter of interest and a curriculum vitae to: David A. Dichek, M.D., c/o Margo Weiss, Department of Medicine, University of Washington, 1959 N.E. Pacific Street, P.O. Box 557710 Seattle, WA 98195-7710. Or to Ms. Weiss, e-mail: mweiss@cardiology.washington.edu.

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

FACULTY POSITIONS

BIOCHEMISTRY

Dartmouth Medical School

The Department of Biochemistry at Dartmouth Medical School invites applications for a tenure-track faculty position. Preference will be at the ASSISTANT PROFESSOR level but outstanding established investigators at higher ranks will also be considered. We are interested in outstanding individuals working in the broad areas of biochemistry, and molecular and cell biology. The Department consists of investigators who received their Ph.D., M.D., or equivalent, in a variety of topics and a well-established multidisciplinary graduate program. The successful candidate is expected to establish an independent research program with potential for substantial startup support and a strong graduate and medical student teaching. Candidates should have a Ph.D. or M.D. degree and relevant postdoctoral training. For more information, visit our website: http://www.dartmouth.edu/biochem/

Curriculum vitae, statements of research accomplishments and goals, and three letters of recommendation in PDF format should be e-mailed to:

E-mail: biochemsearch@dartmouth.edu

Search Committee

Department of Biochemistry

Dartmouth Medical School

7200 Vail Building

Hanover, NH 03755-3844

The review of applicants will begin November 1, 2008.

Dartmouth Medical School is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and members of minority groups.

ASSISTANT PROFESSOR

Utah State University

The Department of Chemistry and Biochemistry at Utah State University invites applications for a tenure-track position at the ASSISTANT PROFESSOR level beginning fall 2009. Candidates must have a Ph.D. in chemistry or biochemistry or a related field, and postdoctoral experience is preferred. The position requires the development of an extramurally funded research program and teaching at the undergraduate and graduate levels. Investigators with interests in the areas of eukaryotic biochemistry, or energy and the environment, broadly defined, are strongly encouraged to apply. Applicants should submit curriculum vitae, a list of publications, research plans, and teaching statements to:

David A. Dichek, M.D., c/o Margo Weiss, Department of Medicine, University of Washington, 1959 N.E. Pacific Street, P.O. Box 557710 Seattle, WA 98195-7710. Or to Ms. Weiss, e-mail: mweiss@cardiology.washington.edu.

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

FACULTY POSITIONS

TENURE-TRACK FACULTY POSITION

The Pennsylvania State University

A junior or senior-level position for a tenure-track faculty member with research interests in molecular energy conversion processes, broadly defined, is available with chair or one of its major affiliates. Candidates are expected to establish an exceptionally strong and highly visible research program that incorporates excellence in undergraduate and graduatelevel education. Candidates should have a Ph.D. and M.D. degree and relevant postdoctoral training. For more information, visit our website: http://www.jobs.uwm.edu/applicants/Central?quickFind=50609. A complete application should include: letter of interest, curriculum vitae, statement of research and teaching interests, and three letters of professional reference. Applications should be submitted by December 15, 2008.

Review of applications will begin on October 1, 2008, and continue until the position is filled.

We encourage applications from individuals of diverse backgrounds. Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.

DEVELOPMENTAL BIOLOGIST

Lafayette College

We invite applications for an ASSISTANT PROFESSOR (tenure-track) position in developmental biology to begin August 2009. Candidates must have a Ph.D. or postdoctoral training with demonstrated interest in teaching and research experience. We seek a broadly trained Biologist committed to excellence in teaching and research within the context of a highly-selective undergraduate institution combining the sciences, liberal arts, and engineering. Teaching load 3/2 plus honors and independent research students. Teaching duties include participation in general biology, both an intermediate and an advanced course in developmental biology, and a fourth course in the applicant’s area of expertise in rotation with a course in the college-wide Common Course of Study. Applicants with expertise in stem cells, body plan determination, plant development, cis regulatory elements and/or other areas of evolutionary developmental biology are of special interest. The successful applicant is expected to develop and maintain a vigorous research program involving undergraduates. Detailed position description online at website: http://www.lafayette.edu/~/biology/biohome.html

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

ASSISTANT PROFESSOR

The University of Chicago

Department of Chemistry

The Department of Chemistry of the University of Chicago invites applications from outstanding individuals for the position of Assistant Professor of Chemistry. This search is in the areas broadly defined as inorganic, organic, and physical chemistry. Applications must include curriculum vitae, a list of publications, and a succinct outline of research plans, and be supported by three letters of recommendation. Materials accepted by mail only addressed, as appropriate, to: Inorganic Search Committee, Organic Search Committee, or Physical Search Committee, Department of Chemistry, Office of the Chairman (GHJ 222), The University of Chicago, 5735 S. University Ave., Chicago, IL 60637. Review of completed applications will begin October 1, 2008; to ensure full consideration, all material should be submitted by that date.

University of Chicago is an Affirmative Action/Equal Opportunity Employer.
Endowed Chair in Marine Genomics
Marine Biomedicine and Environmental Sciences Center

Applications are invited for the Endowed Professorship in Marine Genomics at the Medical University of South Carolina (MUSC) through its Marine Biomedicine and Environmental Sciences Center (www.musc.edu/mbse). This is one of two endowed appointments to be made within the South Carolina Center of Economic Excellence (www.sccoee.org/) in the Marine Genomics program being developed in partnership between the College of Charleston and the Medical University of South Carolina. The appointment will be made at the level of Associate Professor or Professor.

The Marine Genomics Program in Charleston is an integrated, highly collaborative effort that brings together over 40 faculty, students and staff from the College of Charleston, the Medical University of South Carolina, the South Carolina Department of Natural Resources, the National Oceanic and Atmospheric Administration and the National Institute of Standards and Technology on the Fort Johnson marine campus. The Marine Genomics program is focused on applying genomic tools to increase understanding of the interactions of marine organisms with their environment and the relationship between the oceans and human health.

The successful applicant will have an earned doctorate (MD, DVM, or PhD in biology or chemistry), a demonstrated track record as a scholar in a collaborative and collegial setting, and programmatic support from competitive extramural funding sources. Extensive experience in the broad field of genomics including proteomics and bioinformatics is essential. Familiarity with the mechanisms for enhancing research value through economic development (e.g., intellectual property, interaction with relevant businesses, translational research activities, etc.) is an important attribute that will build on the South Carolina Centers of Economic Excellence Program. Experience as a research team leader/program director is highly desirable as well as a successful history in mentoring students and fellows.

The appointee will be expected to: (1) develop a strong extramurally funded programmatic base for marine genomics; (2) synergistically work with the companion Endowed Chair in Marine Bioinformatics at the College of Charleston (http://www.cofc.edu/biology/hiring.html#informatics) and researchers from partner institutions within the Hollings Marine Laboratory (HML); (3) provide academic leadership to the Marine Genomics Program (www.marinegenomics.org) in Charleston; (4) take a leadership role in development of the SC Marine Genomics Consortium (http://www.genome.clemson.edu/activities/projects/marineGenomics/); (5) integrate marine genomic research activities with the NOAA Center of Excellence in Oceans and Human Health at HML (www.col.ucar.edu/projects/ohhi/); and (6) integrate appropriate clinical and basic science research on the medical campus with that of marine genomics on the marine campus.

Interested individuals may get further information from Dr. Eric R. Lacy (lacyer@musc.edu), Director of Marine Biomedicine and Environmental Sciences Center and chair of the CoEE Marine Genomics Chair search committee, 221 Ft. Johnson Rd. Charleston, SC 29412.

Applications must be submitted electronically to www.jobs.musc.edu. Requisition number 045093. Completed applications will consist of the following: (a) a curriculum vitae and (b) a letter (i) summarizing current research and how its foundation is based on marine genomics, (ii) showing the potential or realized economic value of the genomic research, and (iii) explaining the candidate’s qualifications to take a leadership role in marine genomics.

Review of applications will begin September 15, 2008 and end December 31, 2008.

Medical University of South Carolina is an Equal Opportunity Employer, supporting workplace diversity (M/F/V/D) and is a drug-free workplace.
FACULTY POSITIONS

TENURE-TRACK FACULTY POSITION
Department of Neuroscience
School of Arts and Sciences
University of Pittsburgh

Applications are invited for a tenure-track position at the level of ASSISTANT PROFESSOR, starting September 2009, pending budgetary approval. Individuals whose research is in the area of molecular and cellular neuroscience are especially encouraged to apply. Col leagues interactions and collaborative research are strongly encouraged. A brief statement of research accomplishments and plans, curriculum vitae, a brief statement of research accomplishments and plans, and three letters of reference are required. Women and members of minority groups are especially encouraged to apply. Applications should be sent to: Professor Marc Tschritter, Search Committee Chair, Department of Neuroscience, School of Arts and Sciences, University of Pittsburgh, Pittsburgh, PA 15260; telephone: 412-624-4299.

FACULTY POSITIONS

TWO TENURE-TRACK ASSISTANT PROFESSOR POSITIONS IN BIOLOGY

Truman State University (Kirksville, Missouri) seeks two tenure-track Assistant Professor positions in biology beginning August 18, 2009. (1) ANIMAL PHYSIOLOGIST. Requirements: Ph.D., evidence of or potential for teaching effectiveness, research experience in animal physiology. Responsibilities: teach cell biology, physiology, and upper-level elective course(s); maintain an active research program with undergraduates and M.S. students. Startups and research laboratory provided. (2) MAMMALOLOGIST: Requirements: Ph.D., evidence of or potential for teaching effective ness, field-based research experience in mammalogy. Responsibilities: teach introductory biology, mammalogy, ecology, and upper-level course(s); and maintain an active research program with undergraduates and M.S. students. Startups and research laboratory provided. Send a letter of application; current curriculum vitae; statement of teaching philosophy and commitment to the liberal arts and sciences and student development; statement of research interests and goals; and three letters of reference. All graduate and undergraduate transcripts to: Dr. Jon C. Gering, Animal Physiology or Mammalogy Search, Department of Biology, Truman State University, Kirksville, MO 63501-4221. Qualified applicants must be eligible to work in the United States. The deadline for applying is October 27, 2008. More information about Truman State University can be found at website: http://www.truman.edu and faculty positions at website: http://academics.truman.edu/jobs.

ECOSYSTEMS ECOLOGIST
Carleton College

The Department of Biology invites applications for a tenure-track position starting September 1, 2009. We seek candidates who have research and teaching interests in ecosystems ecology. Teaching responsibilities include: an upper-level course in ecosystems ecology with laboratory, a nonmajors course in global change biology, an upper-level course in area of expertise (such as as plant physiology, animal physiology, or plant-animal interactions), and participation in our introductory course focused on energy transformation in biological systems. Candidates should be committed to excellence in undergraduate teaching in a liberal arts environment, and dedicated to developing an active research program that engages students. We are particularly interested in applicants who will contribute to the Department’s goal of increasing the number of minority students in the biological sciences. The Department of Biology must have a diverse student body, students and faculty members for review. Review of applications will begin October 15, 2008, and continue until the position is filled. Send application materials to: Professor Tad Peckham, Chair, Department of Biology, Carleton College, Northfield, MN 55057.

Carleton College is an affirmative action/equal opportunity employer. Women and members of minority groups are strongly encouraged to apply.

Two tenure-track NEUROSCIENCE FACULTY POSITIONS in integrative neurobiology, one emphasizing sensory neuroscience. Open rank. Department of Biomedical Sciences, Colorado State University, website: http://www.cvmbs.colostate.edu/bms/. Successful candidates are expected to maintain an independent, extramurally funded research program and contribute to undergraduate and graduate teaching in neuroscience. Ph.D., D.V.M., M.D., or equivalent degree and significant postdoctoral research experience required. Send letter, curriculum vitae, statements of research and teaching interests, and three letters of reference to: Dr. Roger Knacke, Penn State Erie, School of Science, 45 College Hill Road, Erie, PA 16563-0203. Application screening will begin October 27, 2008, and continue until the position is filled. Penn State Erie is an affirmative action/equal opportunity employer. Women and members of minority groups are strongly encouraged to apply.
Cornell University, located in Ithaca, New York, is an inclusive, dynamic, and innovative Ivy League university and New York’s land-grant institution. Its staff, faculty, and students impart an uncommon sense of larger purpose and contribute creative ideas and best practices to further the university’s mission of teaching, research, and outreach.

**Faculty Position in Biological Statistics and Computational Biology**

Weill Institute for Cell and Molecular Biology

A faculty position is available at the assistant/associate professor level in the area of cellular systems biology. The selected candidate will be jointly affiliated with the Department of Biological Statistics and Computational Biology (BSCB) and the Weill Institute for Cell and Molecular Biology (described below), and must have interests and expertise consistent with both appointments. Applicants should have experience addressing fundamental questions in molecular or cell biology using rigorous, quantitative methods; should integrate bioinformatic and experimental components in their research. Training in both cell/molecular biology and a quantitative field such as statistics, computer science, or applied mathematics is ideal, but not required. Priority will be given to applicants who are using model systems and joint experimental/computational approaches to elucidate the molecular basis of cellular function, development, and evolution.

Biological Statistics and Computational Biology (BSCB) is a growing department at Cornell dedicated to the application of the statistical, computational, and mathematical sciences to problems in modern biology (http://www.bscb.cornell.edu). BSCB has broad strengths in statistics and computational biology, including comparative, evolutionary, and population genomics, microarray analysis, Bayesian and computationally intensive statistics, survival analysis, and machine learning. BSCB occupies a key position at the interface between the quantitative and biological sciences at Cornell, and plays an important role in Cornell’s New Life Sciences Initiative.

As part of its New Life Sciences Initiative, Cornell has recently established and endowed the Weill Institute for Cell and Molecular Biology (http://www.icmb.cornell.edu). The Institute will initially consist of 12 faculty members housed in a recently completed $160M building (Weill Hall). It is envisioned to become a vibrant center of scientific excellence in basic biology, which will be closely integrated with strong existing programs in chemistry and chemical biology, physics, computational biology, and engineering. All Institute faculty will be physically located in Weill Hall, but will have full appointments in academic departments, to which they will contribute teaching and service.

Applicants should submit a cover letter indicating why they feel they are a good fit for a position in BSCB and the Weill Institute at Cornell, together with a curriculum vitae (highlighting 3-5 publications with title and abstract), a research plan (2-3 pages), and a statement of teaching interests. All materials should be submitted electronically, by emailing a single PDF file to bscb_search@cornell.edu (please limit to 15MB). Applicants should also arrange for three letters of recommendation to be submitted to the same email address concurrent with the other application materials. Applications will be reviewed beginning November 1, 2008.

www.ohr.cornell.edu/jobs

Cornell University is an equal opportunity, affirmative action employer and educator.

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**University of Louisville**

**Director**

**Kosair Charities Pediatric Cancer Research Program**

The James Graham Brown Cancer Center at the University of Louisville seeks a senior scientist to direct the Kosair Charities Pediatric Cancer Research Program (KCRP). This new program will focus on the discovery of new anticancer drugs for pediatric malignancies. KCRP is funded by a $12 M commitment from the Kosair Charities Foundation (Louisville, Kentucky) which will provide support for faculty recruitment and support, research infrastructure and clinical trials. The Director of the KCRP will supervise the programmatic development of the KCRP and will be in charge of faculty recruitment and administration.

The KCRP will interface with the very strong drug development program of the Brown Cancer Center. The Brown Cancer Center program is comprised of more than 40 scientists and has had considerable experience with novel drug development. It has developed three drugs which are in early phase clinical trials, with more than twenty novel compounds in preclinical development. The Brown Cancer Center has a complete spectrum of shared facilities to enhance target characterization and drug identification.

KCRP will also have access to Advanced Cancer Therapeutics (ACT), a biotech company partially owned by the University of Louisville. ACT has been developed to ensure that Brown Cancer Center discoveries are tested in patients in an expeditious way. KCRP investigators will be housed in a new biomedical research building which will open in 2009. The successful candidate should have an ongoing federally supported research program and a track record in developing new anticancer agents.

Please send letters of application and CV to:

Donald M. Miller, M.D., Ph.D.
Director, James Graham Brown Cancer Center
529 South Jackson Street
Louisville, KY 40202
donaldmi@ulh.org
VIROLOGIST. The Division of Biological Sciences at the University of Montana is seeking a Virologist working in the area of infectious disease who complements current research areas and can participate in teaching virology at the graduate and undergraduate levels.

This tenure-track position is open at the ASSISTANT OR ASSOCIATE level, depending on qualifications. The ideal applicant will have postdoctoral research experience or teaching experience and effectiveness, an established record of research productivity, and demonstrated success or potential to develop a vigorous, extramurally funded research program.

The new hire will join a diverse group of active faculty in the Graduate Programs in Integrative Microbiology and Biochemistry, who enjoy collegial interactions with faculty in a variety of other graduate programs (see websites: http://dbs.umontana.edu/ and http://virologist.dbs.umt.edu/).

Applicants should submit curriculum vitae, statements of research and teaching interests, documented evidence of teaching excellence, and names of three references via e-mail to the Chair, Virologist Search Committee at: e-mail: virology.search@mso.umt.edu. Review of materials will begin October 15, 2008. The Division is interested in hiring a candidate who will enhance the ethnic and gender diversity of its faculty. UM is an Equal Employment Opportunity/Affirmative Action/ADA/Veterans Preference employer and the recipient of an active NSF PACE award.

FACULTY POSITION in PHARMACOLOGY and TOXICOLOGY

Brody School of Medicine East Carolina University

The Department of Pharmacology and Toxicology is seeking applications for tenure-track faculty positions from individuals conducting state-of-the-art research in the pharmacological sciences with an emphasis on cardiovascular, metabolic, or neurological systems. The successful candidate is expected to develop an independent, extramurally supported research program, participate in the teaching mission, train graduate students, and contribute to service activities. Applicants should be reviewed beginning September 30, 2008, and will be accepted until the position is filled. Please complete an online application at website: http://www.ecu.edu, and submit curriculum vitae, a brief statement of research interests, teaching experience, and three references and e-mail addresses to the following professional references to: Ms. Pam Wynne (e-mail: wynnepc@ecu.edu), Administrative Support Associate, Department of Pharmacology and Toxicology, Room 6S-10, The Brody School of Medicine at East Carolina University, Greenville, NC 27834.

East Carolina University is an Equal Opportunity Employer and welcomes applications from women and minority candidates.

The Department of Biology, Johns Hopkins University, invites applications for a tenured or tenure-track FACULTY position. Candidates whose work and interests complement existing strengths in the Department of Molecular Biology are encouraged to apply. The search is under the auspices of the Search Committee Chair, Department of Biochemistry and Molecular Biology, 1400 North Charles Street, Baltimore, MD 21218. The deadline for submission of materials is November 1, 2008. Johns Hopkins is an Equal Opportunity Employer and welcomes applications from women and members of minority groups.

The Department of Biology, Johns Hopkins University invites applications for a tenured BIOETHICS FACULTY position. Exceptionally qualified candidates may also be considered for a Chaired appointment. Candidates may come from any of the liberal arts, humanities, or sciences. For more information consult website: http://www.bio.jhu.edu/hr/careers/undergraduate/bioethics.pdf.

CHAIR of BIOLOGICAL SCIENCES

Michigan Technological University

The Department of Biological Sciences at Michigan Technological University invites applications for the position of Chair to begin in the 2009-2010 academic year. The Chair will be responsible for managing the academic and financial affairs of the Department, the development and growth of our undergraduate and graduate programs, and resource development. The Chair is expected to maintain a dynamic research program compatible with existing departmental strengths in biochemistry and molecular biology, ecology and limnology, and the health sciences. The successful candidate will have achieved the academic rank of ASSOCIATE or FULL PROFESSOR, and possess a distinguished record of research, teaching, and productivity.

We seek an individual with the vision and skills to elevate the Department’s prominence in biological research, further our strong tradition of educational excellence, and grow our M.S. and Ph.D. programs. The Chair is expected to foster collaborations with other departments, centers, and institutions; and advance the Department’s position as a key player in life science initiatives such as sustainability and biotechnology.

Review of applications will begin September 30, 2008, and continue until the position is filled. For a broader position description see website: http://www.biology.mtu.edu/www/jobs/ChairBioSci.html. Please contact Casey Huckins at telephone: 906-487-2475 (e-mail: chuckins@mtu.edu) if you have questions about this position. Applicants should send: a letter of interest; curriculum vitae; statements of research, teaching, and administrative philosophies; and names of four references to:

Search Committee Chair, Department of Biological Sciences Michigan Technological University 1400 North Charles Street Houghton, MI 49931

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer/Affirmative Action Employer.

FACULTY POSITIONS in BIOCHEMISTRY

Johns Hopkins University School of Medicine

The Department of Biophysics and Biophysical Chemistry (website: http://biophysics.med.jhu.edu) invites applications for two ASSOCIATE PROFESSOR positions. Applications are sought in all areas of biophysics and biophysical chemistry, including, but not limited to structural biology, single molecule fluorescence, computational biophysics, membrane systems biology, biological spectroscopy, and mechanistic biochemistry. Priority will be given to applications received by November 1, 2008. Please submit paper copies of curriculum vitae and a summary of current and proposed research, and arrange to have three letters of recommendation sent to:

Search Committee Chair, Department of Biophysics and Biophysical Chemistry

Johns Hopkins University School of Medicine

WB3B 713

725 North Wolfe Street

Baltimore, MD 21205-2185

Fax: 410-502-6910

The Johns Hopkins University is an Equal Opportunity Employer.
The UNC Eshelman School of Pharmacy and the Lineberger Comprehensive Cancer Center at the University of North Carolina at Chapel Hill invite applications for two faculty positions in the general area of cancer research and epigenetics in the School of Pharmacy’s Division of Medicinal Chemistry and Natural Products (MCNP) with joint appointments in the Center for Integrative Chemical Biology and Drug Discovery (CICBDD). These new positions will create a focus on chemical and structural biology of epigenetics within the CICBDD in order to enable discovery and validation of targets of therapeutic relevance and rapid translation of basic science to potential clinical benefit utilizing the assay development, compound profiling and medicinal chemistry expertise within the Center. One position will be at the level of tenure track Assistant Professor (ID 1000981). Candidates with expertise in organic synthesis and chemical biology - especially with a focus on chemical biology of epigenetics - are encouraged to apply. The second position will be at the level of tenured or tenure track Associate Professor (ID 1000979). Candidates are expected to have research interests in structural biology of epigenetics, x-ray crystallography and structure-based drug design. For both positions, outstanding candidates at other levels will also be considered. The CICBDD has been created with generous, multi-year, philanthropic and state government funding allocated through the UNC Eshelman School of Pharmacy and University Cancer Research Fund, to provide assay development, cheminformatic and medicinal chemistry resources and expertise to enable the translation of UNC basic scientific discoveries into novel human therapeutics (http://www.pharmacy.unc.edu/labs/center-for-integrative-chemical-biology-and-drug-discovery). UNC-CH provides an outstanding environment for interdisciplinary biomedical research with opportunities to interface with scientists working in diverse areas ranging from basic biological, physical, chemical and computational disciplines through clinical medicine. Candidates should have a Ph.D. in chemistry, biochemistry or related disciplines, postdoctoral research experience and an outstanding publication record. Evidence of independent research funding is a plus.

Applications must include complete curriculum vitae with a summary of publications and funding, a concise description of research plans, and three letters of support. Interested candidates must complete the on line application at http://hr.unc.edu/jobseekers. Letters of support should be submitted directly by the referee in electronic format with signature to: dcarry@email.unc.edu.

Women and members of under-represented minority groups are especially encouraged to apply.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.
FACULTY POSITIONS

FACTORIES POSITIONS in CELL and DEVELOPMENTAL BIOLOGY
Department of Biological Sciences
Carnegie Mellon University

The Department of Biological Sciences at Carnegie Mellon University seeks to fill two tenure-track positions in cell and developmental biology at the ASSISTANT PROFESSOR level. Outstanding candidates working on a broad range of problems within these fields will be considered. Areas of special interest include, but are not limited to: structural/ biochemical analysis of cell organization and function, cellular/molecular/genetic approaches to morphogenesis, systems-level approaches to cellular and developmental biology, and development or application of biological sensors to study dynamic processes in living cells. The research programs of current faculty include the areas of cell/developmental biology, biochemistry/biophysics, computation biology, neuroscience, and physics, and other departments.

The successful candidates will be expected to develop a strong, innovative research program and to participate in the undergraduate and graduate educational programs. Candidates should have a doctoral degree and extensive research experience.

Please send curriculum vitae, a brief summary of previous research, a research plan (no more than three pages), and the names of three references via e-mail: ettensohn@andrew.cmu.edu. Carnegie Mellon is an Equal Opportunity, Affirmative Action Employer.

TENURE-TRACK POSITION
Institute of Molecular Biology and Department of Biology
University of Oregon

The Institute of Molecular Biology (IMB), website: http://www.imb.uoregon.edu, and the Department of Biology (website: http://biology.uoregon.edu/) at the University of Oregon seek to fill a tenure-track faculty position in fall 2009. We expect to make an appointment at the level of ASSISTANT PROFESSOR. However, in the case of an exceptionally qualified applicant, an appointment at a higher rank may be considered. We are looking for outstanding individuals studying fundamental problems in molecular, cellular, and developmental biology using genetic, genomic, biochemical, structural, or computational approaches. The IMB especially welcomes applications from individuals whose interests range from structural biology to cell and developmental biology, and is closely affiliated with faculty groups working in neuroscience and evolutionary biology.

The successful candidate will have an outstanding research program and a commitment to excellence in teaching. Ph.D. required. Interested persons should forward curriculum vitae, statement of research plans and teaching interests, and arrange for three letters of recommendation to be sent to the Department of Biology, School of Science, University of Oregon, Eugene, OR 97403-1210. To be assured of full consideration, application materials must be received by October 15, 2008, but will be considered until the position is filled.

The University of Oregon is an Equal Opportunity/Affirmative Action Institution committed to cultural diversity and compliance with the Americans with Disabilities Act. Women and minorities encouraged to apply.

FACULTY POSITIONS

LABORATORY LECTURER, BIOLOGY

The Department of Biology seeks a broadly trained individual for a continuing nontenure-track position as Laboratory Lecturer to begin July 1, 2009. The position is a three-year appointment. It can be renewed for multiple terms. The successful candidate will teach the laboratory portions of introductory biology courses and supervise undergraduate instructional assistants. Additional duties include ordering materials and supplies, and maintaining laboratory equipment. Commitment to curricular development and innovative approaches to teaching are critical.

A Master’s degree in biology and at least one year of relevant experience are required. Submit curriculum vitae and a brief summary of teaching and research interests, and names of three references via e-mail: jjacoby@brynmaw.edu. Applications will be reviewed until the position is filled.

Bryn Mawr College is an Equal Opportunity/Affirmative Action Employer. Minority candidates and women are especially encouraged to apply.

TENURE-TRACK POSITION
Plant Physiology
Connecticut College, Department of Botany

The Department of Botany at Connecticut College is seeking applicants for a position in PLANT MOLECULAR BIOLOGIST to join a Department with a strong focus in environmental science. The successful candidate will participate in teaching introductory biology, and comparative and plant physiology, and develop a course with a marine focus. Ph.D. and evidence of teaching success and research excellence is required. The position will be at the ASSISTANT PROFESSOR level and begin July 1, 2009. Facilities include the College Arboretum with a coastal forest, a tidal salt marsh, and access to the Thames estuary. Connecticut College educates students to put the liberal arts into action as citizens in a global society. A private, highly selective institution midway between New York City and Boston, the College seeks candidates for its strong academic programs, friendly campus, and emphasis on broad interdisciplinary teaching and research. Please visit website: http://www.conncoll.edu for more information.

Applications should include a cover letter, curriculum vitae, copies of transcripts, statements about teaching philosophy and research interests, and three letters of reference sent directly to: Plant Physiology Search Chair, P.O. Box 5215, Connecticut College, 270 Mohegan Avenue, New London, CT 06320, or to e-mail: page.owen@conncoll.edu. Review of applications will begin on October 15, 2008.

We are an equal opportunity, affirmative action employer, and respect for all human differences, for these are essential to the fulfillment of our mission. The College is actively building a faculty of diverse backgrounds and experiences. Affirmative Action/Equal Employment Opportunity.

FACULTY POSITIONS

TWO TENURE-TRACK POSITIONS:
(1) ANIMAL BEHAVIOR and (2) EVOLUTIONARY BIOLOGY

The Department of Biology is seeking two ASSISTANT PROFESSORS to begin appointments in the fall of 2009. One position is for one ANIMAL BEHAVIORIST and one EVOLUTIONARY BIOLOGIST. Applications will be accepted from qualified candidates across the full range of these disciplines, and the Department especially encourages applications from individuals who use methods from several traditional disciplines. We seek to hire two candidates who will create exciting synergies within the Department and who will participate in our active undergraduate research program. Additional funds are available to meet the individual needs of new faculty.

Candidates are expected to (1) possess a Ph.D. degree, preferably with postdoctoral research experience in the area of expertise, and (2) have demonstrated potential for a strong teaching and research program in the area of expertise, and (2) be involved in academic advising, and (5) develop a research program involving undergraduate participation. Applicants should send curriculum vitae, statement of teaching philosophy, summary of research interests, and names of three references to: Prof. David Ribble, Chair of Search Committee, Department of Biology, Trinity University, One Trinity Place, San Antonio, TX 78212. Digital applications and references are welcome at e-mail: drible@trinity.edu. Review of applications will begin 10 October 2008. Women and minority candidates are especially encouraged to apply. Trinity University is an Equal Opportunity Employer.

MICROBIOLOGIST FACULTY POSITION
University of Montana

The Integrative Microbiology and Biochemistry Program in the Division of Biological Sciences welcomes applications for a tenure-track position at the rank of ASSOCIATE PROFESSOR. We seek a talented and innovative Microbiologist who will develop a creative research program in comparative and functional genomics. This program should demonstrate the potential to interface with areas of strength in other related program. We are especially interested in individuals who investigate hydrogen metabolism in the environment, host-pathogen or mutualist interactions, mechanisms of genome evolution, or microbial diversity. The successful candidate will be expected to develop a vigorous, externally funded research program and exhibit a strong commitment to teaching within the areas of microorganisms and genetics, as well as their potential for undergraduate and graduate levels. Applicants must have a Ph.D. or equivalent degree, a demonstrated record of graduate and postdoctoral research excellence, and documented evidence of teaching effectiveness.

Applications should be submitted in preparing the following along with (1) a letter of interest, (2) curriculum vitae, (3) statement of research and teaching interests, and (4) the names of three references via e-mail to the Chair, Microbiology Search Committee at e-mail: microbiology.search@mso.umt.edu. Review of applications will begin November 1, 2008. UM is an Equal Employment Opportunity/Affirmative Action/ADA/Veterans Preference Employer and recipient of an NSF PACE award to facilitate ethnic and gender diversity within its faculty.

POSITION OPEN

POSTDOCTORAL FELLOW

The Pennsylvania State University College of Medicine Department of Psychiatry is seeking a Postdoctoral Fellow with an M.D. or Ph.D. degree to be involved in human studies. Our research focuses on the identification of cellular and molecular mechanisms of sleep apnea, daytime sleepiness, and insomnia. Please forward a letter of interest and curriculum vitae to: Alexandros Vgontzas, M.D., Penn State College of Medicine, 500 University Drive, Hershey, PA 17033 or e-mail: avgontzas@hmc.psu.edu. For more information please see our website: http://psychiatry.hmc.psu.edu/web/pysychiatry/ research/sleep.

Penn State College of Medicine is committed to Affirmative Action, Equal Opportunity, and the diversity of its workforce.
The Rutgers University School of Environmental and Biological Sciences announces strategic cluster hiring initiatives for tenure-track faculty in the following areas: Endocrinology, Environmental Sciences, and Microbiology and Microbial Biochemistry. Successful applicants will possess a passion to conduct world-class research supported by external, competitive funding, a desire and aptitude for teaching that prepares students for leadership roles in the global economy, and an entrepreneurial spirit. Experience with interdisciplinary teamwork is a plus. Up to 3 positions will be filled in each cluster.

Candidates should submit applications electronically (as one attached .pdf file) to the respective Search Committee Chair. Applications must include a letter of interest, a curriculum vitae, a detailed research vision, a statement of teaching philosophy, and the names and contact information for three referees. Application review will commence October 1, 2008 and continue until the positions have been filled. Contact information and application instructions can be found at http://www.sebs.rutgers.edu/employment.

The Endocrinology cluster will enrich a dynamic endocrinology program that also contributes to the Rutgers University-wide initiative in Food, Nutrition, and Health. New faculty will hold primary appointments and teach in the Department of Animal Sciences; this department has the largest undergraduate major in the School and places over 20% of its graduates in top-ranked veterinary schools. In research, the appointees will take full advantage of molecular, biochemical, and 'omic' approaches, address fundamental endocrinology problems, and provide an enhanced focus on how genes and the environment affect endocrine physiology. All areas of endocrine research will be considered including alcohol studies, cancer biology, epigenetics, developmental programming, metabolic endocrine disorders, and discovery of novel biomarkers for endocrine disease.

The Environmental Sciences cluster seeks expertise to enhance programs in research and teaching in Atmospheric Sciences (tropical meteorology and atmospheric chemistry), Bioenvironmental Engineering (bioenergy, bioresource conversion, sustainability), and Environmental Sciences (environmental health and policy), and also to enhance the Rutgers University-wide initiatives in Climate Change and Energy. Applicants should demonstrate a commitment to incorporating aspects of design/modeling, analysis, policy, public health, ethics, and environmental stewardship into research and curricula in order to provide a better understanding of our natural and constructed environments.

The Microbiology and Microbial Biochemistry cluster launches a multi-year enhancement of the existing and vibrant microbiology program at Rutgers University. Building on its strengths, the re-envisioned program will focus attention toward understanding and exploiting the genetic, metabolic, and systematic diversity of microbial life within the earth system. Successful candidates will bring an interdisciplinary approach to microbial physiology, biochemistry, metabolic networks, and genomics and will broaden genome-enabled bioinformatics and 'systems biology' endeavors. Teaching will contribute to curricula in microbiology, biochemistry, and biotechnology.

Rutgers University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Women, minorities, and members of under-represented groups are encouraged to apply.

DIRECTOR
Regional Biocontainment Laboratory

The UMDNJ-New Jersey Medical School invites applications for the position of Director of the new Regional Biocontainment Laboratory (RBL). The position will be supported by substantial institutional resources including outstanding laboratory facilities within the newly constructed 35,000 sq. ft. RBL. We seek a senior scientist with a strong record of research accomplishments working with category A-C biodefense and/or emerging infectious disease pathogens. The Director is expected to establish a robust core research program and recruit investigators capable of attracting NIH funding. Successful candidate will also play a pivotal role in expanding strategic research and translational partnerships with academia, biotech and pharma. This is an exciting opportunity to join a growing and highly interactive infectious diseases research network in Newark, including the Departments of Medicine and Microbiology/Molecular Genetics, the Public Health Research Institute, the Center for Emerging Pathogens, the Center for Immunity & Inflammation, and the Northeast Biodefense Center. Current research interests focus on bacterial and viral pathogenesis, diagnostic development, immunology, innovative vaccine and therapeutic strategies, molecular epidemiology, and bioinformatics. The new RBL adds to an existing infrastructure of BSL-3 and ABSL-3 containment facilities, which is one of the most extensive in the Northeast.

FACULTY POSITION
Microbial Pathogenesis

Applications are invited for tenure/tenure-track faculty positions in microbial pathogenesis, with rank commensurate with qualifications. Applicants with an interest in emerging infectious disease pathogens, biodefense and expertise in host-pathogen interactions are particularly encouraged to apply. The successful candidate will have demonstrated research productivity and will be expected to maintain an independent, innovative, funded research program and to participate in graduate and postgraduate training. A competitive start-up package and outstanding core facilities are available, including animal imaging, informatics, and extensive BSL-3 and ABSL-3 containment facilities.

Applicants should submit a curriculum vitae, a statement of research experience, a summary of future plans, and names of three references to: Dr. David Perlin, e-mail: perl1nsd@umdnj.edu. AA/EEO Employer M/F/D/V.
FACULTY POSITIONS IN GENETICS

ALBERT EINSTEIN COLLEGE OF MEDICINE

The Dept of Genetics of the Albert Einstein College of Medicine is expanding to become a major driver of Einstein’s rapidly growing translational medicine initiative. Faculty in the department work in a collaborative environment on the mechanisms of development and human disease. Applications are requested for tenured-track positions at the Assistant, Associate, or Full Professor ranks in each of three Divisions:

1. The Division of Molecular Genetics (Chief: Dr. Nick Baker) has established research programs in the use of molecular biology toward defining the genetic basis of human development, aging and disease, including behavior. We are especially interested in innovative approaches that integrate human and model-oriented programs to address basic problems in biology and medicine. Candidates can have postdoctoral experience in clinical or other basic science areas.

2. The Division of Translational Genetics (Chief: Dr. Bernice Morrow) is implementing genome-wide approaches towards elucidating genetic risk factors for common human diseases such as heart disorders, cancer, infectious disease and diabetes, and for genomic disorders caused by chromosome rearrangements. A strong human genetics or genomics research program is preferred. Population genetics, CNVs, GWAS, adixture genetics, or the integration of epigenomic influences on disease susceptibility are of particular interest. Candidates will be recruited jointly with one of the clinical departments.

3. The Division of Computational Genetics has a strong focus on the development of computational approaches in new research and translational applications of next-generation sequencing, including candidate gene and genome-wide association studies, gene expression analysis, epigenomics and microbiome studies. Candidates are typically recruited jointly with the Dept of Systems and Computational Biology and can also have co-appointments with clinical departments.

The division has a strong infrastructure, which includes a state-of-the-art Genomics Core, Cell Culture Core for generating DNA/RNA from patient specimens, Genome Imaging Core for fluorescence in situ hybridization analysis, and a Center for Epigenomics housing a cluster of next-generation DNA sequencers.

The successful applicants will demonstrate potential for establishing or maintaining well-funded research programs and should actively pursue collaborations with our vibrant community of basic and clinical scientists, including those in the new Dept of Systems and Computational Biology and the newly established Institute for Stem Cell and Regenerative Medicine Research.

Generous start-up funds and protected time for research will be provided. The Albert Einstein College of Medicine is located in a tree-lined residential area in the northeast Bronx, minutes from Westchester County and a short commute to Manhattan.

Candidates should email curriculum vitae, a brief description of research interests, and contact information of three references, preferably as a single PDF to: Ms. Vivian Gradus, Dept of Genetics, Albert Einstein College of Medicine, Jack and Pearl Resnick Campus, 1300 Morris Park Ave, Bronx, NY 10461; Email: gradus@aecom.yu.edu. Review of applications will commence on October 13, 2008. EOE

UNIVERSITY OF CALIFORNIA SAN FRANCISCO

SYSTEMS/QUANTITATIVE BIOLOGICAL

The California Institute for Quantitative Biosciences (QB3) at UCSF seeks candidates for a tenure-track faculty position at the Assistant Professor level. We seek an exceptional individual working in the area of Systems Biology, broadly defined, working on quantitative and computational analysis of biological systems and networks.

Candidates are expected to hold a PhD or MD degree, or equivalent, and to have demonstrated achievement in their fields. The successful candidate will be expected to establish a dynamic research program and to be an excellent teacher in both graduate and professional school courses.

Applicants should submit a curriculum vitae, 1-2 page summary of research accomplishments, a 1-2 page description of future research plans, and copies of major publications. Applicants should also have three to five letters of recommendation. Please send applications and reference letters to: Chair, Search Committee, c/o Ms. Leslie Spector, UCSF, 600 16th St., Room S372, MC 2200, San Francisco, CA 94158. Deadline for submissions: November 3, 2008.

We encourage women and minorities to apply. The University of California San Francisco is an Equal Opportunity/ Affirmative Action Employer.

FACULTY POSITIONS

BIO-ORGANIC CHEMIST. The Williams College Chemistry Department invites application for a tenure-track position at the ASSISTANT PROFESSOR level for fall 2009. (Senior appointment possible in exceptional circumstances.) Initial teaching assignment, depending upon the successful candidate’s subspecialty, will include two courses from: sophomore-level organic chemistry, enzyme kinetics and reaction mechanisms, biochemistry, and a course for nonscience majors. A commitment to become involved in the undergraduate research program is required. Duties include laboratory supervision, the design, implementation and grading of laboratory experiments, and the supervision of student research projects. Candidates should hold a Ph.D. or have completed their dissertation by September 2009 (postdoctoral experience is preferred). The successful candidate must have a strong commitment both to teaching at the undergraduate level and to developing a productive research program. Williams College is a highly selective, co-educational liberal arts institution of approximately 2,300 faculty and 2,000 undergraduates, located in northwestern Massachusetts. The Chemistry Department is composed of 12 faculty members, and graduates about 25 to 30 majors each year. The department has excellent facilities for teaching and research. The College is actively working to increase the diversity of its science majors and seeks an individual who can help us meet these goals. Mail resume, undergraduate and graduate transcripts, a letter of interest, statements of teaching and research interests, and three letters of recommendation to: Dr. Enrique Peacock-Lopez, Chair, Department of Chemistry, Williams College, Williamstown, MA 01267, by October 1, 2008. Electronic applications will not be accepted. For additional information about the Chemistry Department, please visit our website: http://www.williams.edu/Chemistry. Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

ASSISTANT/ASSOCIATE/FULL PROFESSOR. The University of California Irvine Department of Pathology and Laboratory Medicine invites applications for a full-time position in anatomic pathology in the clinical X series. This position confers membership in the Academic Senate. The Department seeks candidates with excellent diagnostic skills in surgical pathology and cytopathology, with the corresponding Board certification(s) and/or experience. In addition, the successful candidate will have a record of clinical and/or translation research credentials, a record of publication, and extramural research support. The Department provides diverse diagnostic services, teaching, and basic, clinical research at the University of California, Irvine Medical Center, the tertiary care hospital, the only academic medical center in Orange County. It serves patients of the UC Irvine Medical Center and the Chao Family Comprehensive Cancer Center (a National Cancer Institute-designated comprehensive cancer center), and provides referral services to more than 70 regional hospitals. The Department runs an Accreditation Council for Graduate Medical Education-accredited residency training program in anatomic and clinical pathology, with fellowship positions in surgical pathology and cytopathology. The successful candidate will be expected to participate in these training functions.

Candidates are expected to hold a MD degree, or equivalent, and to have demonstrated achievement in their fields. The successful candidate will be expected to establish a dynamic research program and to be an excellent teacher in both graduate and professional school courses.

Applicants should submit a curriculum vitae, 1-2 page summary of research accomplishments, a 1-2 page description of future research plans, and copies of major publications. Applicants should also have three to five letters of recommendation. Please send applications and reference letters to: Chair, Search Committee, c/o Ms. Leslie Spector, UCSF, 600 16th St., Room S372, MC 2200, San Francisco, CA 94158. Deadline for submissions: November 3, 2008.

We encourage women and minorities to apply. The University of California San Francisco is an Equal Opportunity/ Affirmative Action Employer.

FACULTY POSITIONS

The Department of Chemistry at Lawrence University invites applications for a tenure-track faculty position beginning fall 2009. Teach courses in the Chemistry Department primarily in the areas of analytical chemistry, instrumental analysis, and general chemistry, as well as occasional participation in our colleague-wide, nationally recognized Freshman Studies Program. Candidates must be committed to excellence in teaching in a liberal arts environment, and ready to develop an active research program that will engage and inspire our undergraduates. A Ph.D. is required; postdoctoral experience in teaching or research is desirable. The search is open with respect to rank, but we anticipate hiring at the ASSISTANT PROFESSOR level. A letter of application, curriculum vitae, statements of teaching philosophy and research plans, undergraduate and graduate transcripts, and three letters of reference should be sent directly to: Prof. David Hall, Chair, Department of Chemistry, Lawrence University, Appleton, WI 54912. Fax: 920-832-6962. Applicants should address their letters of application the ways in which they could contribute to Lawrence’s institutional mission and goals. Review of applications will begin October 17, 2008. Lawrence University is a private, selective college of liberal arts and sciences with a conservatory of music. About a quarter of its 1,400 students major in the natural sciences, and the student-to-faculty ratio is 11:1. The Chemistry Department resides in a state-of-the-art science facility that houses a wide array of instrumentation, including a nuclear magnetic resonance spectrometer, a gas chromatograph/ electronic pneumatic control, a high performance liquid chromatograph, a fast performance liquid chromatography, and a flow cytometer. Lawrence is located in Appleton, Wisconsin (population about 70,000), the center of the Fox Cities region of Wisconsin (total population about 250,000), and Lawrence University is committed to enhancing the diversity of its faculty, and the diversity of viewpoints and approaches that the faculty represents.
University of Massachusetts Medical School  
Department of Biochemistry and Molecular Pharmacology

The Department of Biochemistry and Molecular Pharmacology (BMP) invites applications for a tenure-track position in the area of CHEMICAL BIOLOGY at the level of ASSISTANT/ASSOCIATE PROFESSOR. Successful candidates will develop innovative programs using synthetic, combinatorial, medicinal or mechanistic chemistry to investigate fundamental biological problems at the interface of chemistry and biology. Of particular interest are highly collaborative researchers who can contribute a chemical perspective to major new campus-wide initiatives in RNA therapeutics, stem cell biology and gene therapy.

The BMP Department occupies two floors in a state-of-the-art 350,000 square-foot research building whose open-laboratory design facilitates interactions with the neighboring Departments of Neurobiology, Cancer Biology, and Medicine, as well as Programs in Bioinformatics and Integrative Biology and Gene Function and Expression. The space is well-equipped for synthetic chemistry with two NMR spectrometers and in-house facilities for mass spectrometry, biological imaging, and high-throughput small molecule screening. Further information on the Department is available at http://www.umassmed.edu/bmp/.

Applicants should submit a cover letter, curriculum vitae, statement of research interests and contact information for three references to http://www.academicjobsonline.org. Applications will be reviewed expeditiously, with interviews commencing in November. Inquiries, but not application materials, may be directed to Professor Melissa J. Moore (melissa.moore@umassmed.edu). Although this search is primarily focused at the junior level, applications from more senior researchers will also be considered.

As an Equal Opportunity and Affirmative Action Employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

Faculty Positions  
The Solomon H. Snyder  
DEPARTMENT OF NEUROSCIENCE

Applications are invited for tenure-track faculty positions at both junior and senior levels in the Solomon H. Snyder Department of Neuroscience at the Johns Hopkins University School of Medicine. Applicants should have interests in molecular, cellular, developmental, systems or behavioral neuroscience, a Ph.D. or M.D., and a strong record of research accomplishments. Faculty members are expected to have, or establish, creative independent research programs and participate in teaching graduate and medical students.

Deadline for applications is November 30, 2008. Please submit a PDF file containing curriculum vitae, names and contacts for three references and a brief description of current and future research interests:

Richard L. Huganir, Ph.D.  
Search Committee  
Department of Neuroscience  
The Johns Hopkins University  
School of Medicine  
725 North Wolfe Street, Hunterian 1009  
Baltimore, Maryland 21205  
JHUNeuroscience@jhmi.edu

The Johns Hopkins University is committed to enhancing the diversity of its faculty and encourages applications from women and minorities.  
An EEO/AA Employer.

NEUROSCIENCE

As part of a major research growth initiative, The University of Wisconsin-Milwaukee is seeking applicants for multiple tenure-track faculty positions in the neurosciences. These new faculty will build directly on the current strength of our program (neuroscience.uwm.edu). We expect that most of these appointments will be made at the Assistant Professor level.

Candidates in Behavioral Neuroscience (2 positions) should employ modern technical approaches to address important questions related to motivation, development, learning and memory, or neurological disorders. Successful applicants in Cognitive Neuroscience (3 positions) will participate in the Functional Imaging Research Center (www.firc.mcw.edu) which provides multiple research dedicated imaging platforms and technical infrastructure for brain mapping in human subjects and laboratory animals. Area of research specialization is open but outstanding individuals with interests in perception, language, memory, or emotion are particularly encouraged to apply.

Applicants must have a Ph.D. in neuroscience or a closely related field and significant postdoctoral research experience. Responsibilities include developing an independent extramurally funded research program and teaching graduate and undergraduate courses in the neurosciences and experimental psychology. Review of applications will begin on December 15, 2008 and continue until the positions are filled. To apply for Behavioral Neuroscience please see www.jobs.uwm.edu/applicants/Central?quickFind=50730; for Cognitive Neuroscience please see www.jobs.uwm.edu/applicants/Central?quickFind=50731.

A complete application will consist of a cover letter, vita, a concise statement of research interests, copies of published work, and three letters of reference. All application materials may be submitted electronically, except applicants should arrange for three letters of reference to be mailed to: Neuroscience Search Committee, Department of Psychology, UWM, PO Box 413, Milwaukee, WI 53201.

UWM is an Equal Opportunity Institution committed to diversity.
Tenure Track Position - Applied Physics – 09288

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

The School of Applied and Engineering Physics at Cornell University is seeking applications for a tenure-track, assistant professor position. Consideration of applications for an associate or full professor level position may also be given to exceptionally well qualified individuals. Candidates must be able to demonstrate the ability to develop a highly successful independent research program in an area of applied physics and to participate effectively in the teaching of the applied physics curriculum at both the undergraduate and graduate level. Research areas of interest in this search include, but are not limited to, optics and photonics, biological physics, nanostructure science and technology, novel instrumentation methods, computational physics, and materials physics. Prospective candidates who wish to pursue interdisciplinary research efforts are strongly encouraged to apply. The successful applicant can expect a very competitive level of support for the start-up of a research program. Considerable institutional resources are available at Cornell that can strengthen this research program and support interdisciplinary and collaborative research ventures. The successful candidate can expect to benefit from association with one or more of Cornell’s interdisciplinary research centers, national facilities, and national resources, listed at http://www.engineering.cornell.edu/research/research-centers/. Applications consisting of a resume, a statement of teaching philosophy, a brief (3-page limit) statement of research interests, and the names and addresses of at least three references, should be submitted on-line at http://fast.aep.cornell.edu/. The application deadline is December 1, 2008.

The School of Applied and Engineering Physics and the College of Engineering at Cornell embrace diversity and seek candidates who will create a climate that attracts students of all races, nationalities and genders. We strongly encourage women and underrepresented minorities to apply.

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

VCU
Virginia Commonwealth University
DEPARTMENT OF CHEMISTRY

The Department of Chemistry at Virginia Commonwealth University invites applications for a Director of the Mass Spectrometry Resource Center. This center is a university-wide facility housed in the Department of Chemistry (See http://www.vcu.edu/csb/msrc). The Director will hold a Research Professorship in the Department of Chemistry and may be appointed to graduate faculty to pursue his/her research interests. This is a 12-month position with salary and rank open. The position is to begin immediately, contingent upon funding. A Ph.D. in chemistry or appropriate area is required, and post-doctoral experience is desirable along with previous administrative experience. The successful candidate will be expected to maintain and develop the facility; manage the scheduling and billing for the daily use of instrumentation; plan and write proposals for acquisition of new instrumentation; and, interact with interested faculty on research projects. Applicants should send a curriculum vitae, a description of research interests, and include the names of three references as well as arrange for letters of recommendation to be sent to: Dr. Scott Gronert, Chair of the Director of MSRC Search Committee, Department of Chemistry, P.O. Box 842006, Virginia Commonwealth University, Richmond, VA 23284-2006. Review of applications will begin immediately.

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

TECHNISCHE UNIVERSITÄT DRESDEN

Medizinische Fakultät Carl Gustav Carus - Reformfakultät des Stifterverbandes für die Deutsche Wissenschaft

The Medical Faculty and University Hospital Carl Gustav Carus of the Technische Universität Dresden invites applications for a full

W3-Professorship position for Medical Biometrics and Statistics

The successful candidate will be appointed as Head of the Institute of Medical Informatics and Biometrics. The appointee will be expected to demonstrate outstanding leadership qualities. She/He will be responsible for the original research programme and for teaching medical and postgraduate students.

Selection criteria include excellent research results and relevant scientific publications as well as a successful track record in securing independent funding. Particular emphasis should be placed on the key area of bioinformatics in close collaboration with existing biomedical and translational research efforts on campus. Candidates are required to demonstrate a commitment to excellence in teaching.

An active contribution to the restructuring of the Public Health Program will be expected. She/He will collaborate closely with the Comprehensive Cancer Center (UCC), the Coordinating Center for Clinical Trials (KKS) and the Computing Center (MRZ).

Applicants must hold a MD and/or PhD, habilitation or equivalent qualification based on a university degree in bioinformatics, medicine or a closely related field and should provide evidence of their teaching skills (employment requirements are described in § 40 Sächsisches Hochschulgesetz, 1999).

The Medical Faculty Carl Gustav Carus of the Technische Universität Dresden wishes to increase the proportion of women in research and teaching and strongly encourages qualified female candidates to apply.

Priority will be given to physically disabled persons with equivalent qualifications.

Applicants should submit a curriculum vitae, copies of degree certificates, a full publication list, a short research proposal, a description of past and present externally funded research projects and a list of educational activities before October 10th, 2008, to the Dekan der Medizinischen Fakultät Carl Gustav Carus der Technischen Universität Dresden, Herrn Prof. Dr. med. H. Reichmann, Fetscherstraße 74, 01307 Dresden, Germany.

CALIFORNIA INSTITUTE OF TECHNOLOGY invites applications for a tenure-track faculty position in biochemistry or molecular biophysics in the Division of Chemistry and Chemical Engineering. We expect to make the appointment at the assistant professor level, but consideration will be given to exceptionally well-qualified applicants at the associate and full professor levels. Appointment will be contingent upon completion of all requirements for a Ph.D. in Chemistry, Biochemistry, Biophysics or closely related fields. Outstanding candidates who have strong commitments to research and teaching are encouraged to apply.

Submit on-line by November 15, 2008, a brief cover letter, a curriculum vitae, a publication list, a concise description of proposed research, and a list of the names and contact information of at least three individuals who will provide letters of recommendation. Please visit www.cce.caltech.edu/bmb-search for application submission.

The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
The University of Rochester
Genomics and Systems Biology

Two faculty positions

The Department of Biomedical Genetics at the University of Rochester Medical Center and the University of Rochester Center for Genomics and Systems Biology will recruit two tenure-track faculty members at any level with expertise in the areas of genome and systems biology. The successful candidates will benefit from a multidisciplinary research community, a vibrant graduate program and state of the art infrastructure and core facilities at the University of Rochester.

All qualified candidates who study basic problems in biology or biomedicine at a genomic or systems level are invited to apply. Scientists who use functional and/or computational genomics to conduct research on disease models or questions of cell biology are particularly encouraged.

The scientific interests pursued in the Department of Biomedical Genetics include cancer, development, disease models, signal transduction, stem cell biology and neural cell function.

Candidates with a strong record of accomplishment should submit a C.V., statement of research interests/plans, pdfs of two publications, and arrange to have three letters of recommendation sent to: Gensys@rochester.edu

Review of applications will start October 15, 2008.

The University of Rochester is an Equal Opportunity Employer and has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education.

Ecology, Evolution, and Behavior
University of California San Diego
Section of Ecology, Behavior and Evolution
Division of Biological Sciences
http://www-biology.ucsd.edu/

The EBE Section and the Division of Biological Sciences are committed to building a strong program to meet the scientific and educational challenges of the 21st century. The section expects to hire as many as six faculty over the next two years. We currently seek applications from outstanding scientists in the fields of ecology, evolution, and behavior. Applications from junior candidates are strongly encouraged although tenured scientists will be considered. Area of scholarship is open and all fields will be considered, but we are particularly interested in candidates who’s research applies to the ecological and evolutionary challenges faced by the earth’s biota in response to human alteration of the global environment. Applicants should demonstrate outstanding records of research achievement and be able to attract significant extramural research support. Appointees are expected to participate fully in departmental affairs and teaching.

Level of appointment will be commensurate with qualifications and experience. Salary will be based on published UC pay scales. Review of applications will begin October 1, 2008 and continue until the position is filled. Applications should comprise a single pdf file containing a CV, copies of recent publications, and statements of research and teaching interests. The application and three letters of reference (sent directly by the referees) should be sent to ebe-search-d@ucsd.edu with EBE Search as the subject line. Applicants are welcome to include in their cover letters a personal statement summarizing their contributions to diversity.

UCSD is an EO/AA Employer with a strong institutional commitment to excellence through diversity.

The Chair of Neuroscience

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

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

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

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

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

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

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

medicine.osu.edu/neuroscience

The Ohio State University is an equal opportunity employer committed to excellence through diversity. Women and minority candidates are encouraged to apply.
Faculty Positions in Medicine, University of Tennessee

The Biology Department at New Mexico State University seeks applicants for a 12-month tenured appointment as professor and department head. Candidates must have a Ph.D. in a biological science. Preferred qualifications include an outstanding record of internationally recognized, externally funded biological research; an excellent record of undergraduate and graduate teaching and advising; and demonstrated leadership and administrative skills. Responsibilities will include long-term department planning and development in teaching, research, and service; day-to-day management of the department including faculty, staff, students, and departmental resources; representing the department to the administration and public; and contributing to the department’s teaching. Strong candidates will be able to continue a productive research program.

Send a signed application letter; a current curriculum vitae; a summary of leadership accomplishments; a statement of teaching, research, and leadership philosophy and expertise; and contact information for at least five references. Individuals selected for interview must submit transcripts from their highest degree-granting institution at the time of interview. Application materials should be sent to: Department Head Search, P.O. Box 30001, MSC 3AF, New Mexico State University, Las Cruces, NM 88003. Application review will begin September 22, 2008 and continue until the position is filled. For further departmental information see http://biology-web.nmsu.edu. For further information on this position (Req. #2008005674) see http://www.nmsu.edu/~personel/postings/faculty/16314666.html.

NMSU IS AN EEO/AA EMPLOYER. OFFER OF EMPLOYMENT IS CONTINGENT UPON VERIFICATION OF INDIVIDUAL’S ELIGIBILITY FOR EMPLOYMENT IN THE UNITED STATES AND UPON COMPLETION OF APPLICABLE BACKGROUND REVIEW.

FACULTY POSITION
The Beirne B. Carter Center for Immunology Research

The Beirne B. Carter Center for Immunology Research at the University of Virginia School of Medicine invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor. We seek candidates with expertise and interest in one or more of the following areas: the biochemistry, cell and molecular biology of inflammatory cells and the innate immune system, the regulation of leukocyte activation and trafficking or lymphocyte development as well as candidates who employ modern imaging techniques to analyze the immune system. Candidates must have a Ph.D., M.D. or equivalent degree as well as appropriate postdoctoral experience. The successful candidate will be expected to establish and maintain an energetic independent and well-funded research program as well as participate in the teaching of graduate and medical students. Current areas of research among members of the Carter Immunology Center include intracellular signaling in lymphocytes and phagocytic cells, autoimmunity and allergic diseases, the development of lymphocytes and lymphocyte effector functions, antigen processing and presentation, immune responses to tumors and immunotherapy and the host innate and adaptive response to infectious agents. The University provides state of the art research space, numerous core facilities for molecular and cellular research including exceptional core facilities for flow cytometry and small animal imaging as well as a collegial faculty. The Carter Immunology Center will be located in the newly built Carter-Harrison Research Building that will also house researchers in the areas of infectious disease and cancer. Opportunities exist and are encouraged for collaborations in clinically related areas of medicine, including infectious disease, autoimmunity disease, oncology, gastroenterology and cardiovascular disease.

Interested applicants must provide a curriculum vita, brief statement of research interests, and arrange to have three letters of reference sent to:

Search Committee, Attention: Linda Mikell
Beirne B. Carter Center for Immunology Research
University of Virginia Health System
P.O. Box 801386
Charlottesville, VA 22908-1386
Fax: (434) 924-1221, Email: lbm0b@virginia.edu
Web: http://www.healthsystem.virginia.edu/internet/cic/

Review of applications will commence September 29, 2008. Position will remain open until filled.

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

NEUROSCIENCE FACULTY POSITIONS

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

Submit curriculum vitae, summary of current and proposed research programs, teaching experience and interests, and contact information for three to five references, in a single Word or PDF document to bjsmith@utmem.edu or Brenda Smith, Faculty Search Committee, Department of Anatomy and Neurobiology, University of Tennessee Health Science Center, 855 Monroe Avenue, Memphis, TN 38163. For best consideration, applications should be received by December 1, 2008; however, review of applications will begin immediately.

The University of Tennessee is an Affirmative Action Employer and we encourage applications from women and underrepresented minorities.

The University of Tennessee is an EEO/AA/Title VI/Title IX, Section 504/ADA/ADAEA Employer.
Two Endowed Chairs in Tropical Biology
Department of Biology, The University of Miami

Aresty Chair in Tropical Ecology

The Aresty chair holder must be renowned for tropical terrestrial research with animals and is expected to contribute to the department’s strong focus on ecology and evolution in tropical systems. Fieldwork should be an integral component of the candidate’s research and teaching, including development of an undergraduate field course in the tropics. Send nominations or applications (CV, statement of research and teaching interests) to ArestyChair@bio.miami.edu.

Smathers Chair in Tropical Tree Biology and Director of the Gifford Arboretum

The Smathers chair holder must be a distinguished scientist focused on plant evolution who will contribute to the department’s strong focus on ecology and evolution in tropical systems. The Smathers Chair will also lead development and use of our on-campus John C. Gifford Arboretum. Send nominations or applications (CV and statements of interests in research, teaching and managing a living collection) to SmathersChair@bio.miami.edu.

The search opens October 1, 2008. Applications received by December 3, 2008 will receive the fullest attention.

Appointments will be made at the associate professor or professor rank. Under new leadership, the Department of Biology is beginning a significant expansion (see http://www.bio.miami.edu/index.html) and has recently hired five new faculty, two of whom are senior. As a major university in Miami, the gateway to the tropics, we have a strong commitment to excellence in Tropical Biology.

The University of Miami particularly encourages application from women and minorities.

UNC CHARLOTTE
THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE
TENURE-TRACK FACULTY POSITIONS
BIOINFORMATICS AND GENOMICS

The University of North Carolina at Charlotte invites applications for two tenure-track faculty positions (all levels) in the newly forming Department of Bioinformatics and Genomics. We are engaged in a multi-year expansion program encompassing two major sites. In addition to a $35M state-of-the-art building nearing completion on the University’s main campus, the Department plays the leadership role in bioinformatics for the nearby North Carolina Research Campus, a $1.5B public-private biotechnology center.

We encourage applicants from any area of bioinformatics or computational biology whether purely computational or theoretical/experimental. We offer a competitive start up package with full support for wet-lab research programs. The successful applicant will be expected to develop a program of original research supported by external funding, develop and teach graduate courses, and mentor doctoral students. Applicants must hold a Ph.D. and have relevant post-doctoral research experience.

Please direct inquiries to Dr. Lawrence Mays (lemays@uncc.edu) (704-687-8555). Formal applications must be submitted online (https://jobs.uncc.edu) (#1913) and should include vitae, a list of at least three references, a statement of research interests, and a separate statement describing teaching interests and philosophy. For full consideration, completed applications should be received by November 1, 2008, although the positions will remain open until filled. For additional information, please visit www.bioinformatics.uncc.edu.

The University of North Carolina at Charlotte is an EOE/AA Employer and an ADVANCE Institution.
Temple University invites applications and nominations for the position of Chair of a new Department of Bioengineering. The new Department of Bioengineering at Temple University in Philadelphia is initially being established in the College of Engineering but with strong ties to the School of Medicine. The Department will initially have at least 10 new tenured/tenure-track faculty positions, and a large number of research faculty and secondary appointments, with faculty and facilities allocated to both the College of Engineering and the School of Medicine.

The founding Chair will be an established scholar who will develop a vision for the Department and recruit faculty members, will lead the expansion of the existing Bioengineering Graduate Program, and establish an undergraduate degree program in bioengineering in close collaboration with faculty from the College of Engineering, School of Medicine, and other colleges at Temple University. The successful candidate will be a dynamic individual with proven leadership skills and an established history of excellence in both bioengineering research and education, and have an earned Ph.D. in Bioengineering or a related discipline. Special consideration will be given to candidates with a background/vision that matches Temple University’s established areas of research strength.

Preliminary inquiries for additional information are encouraged. Applications and nominations will be accepted until the position is filled, and should be forwarded to the Search Committee Chair:

Dr. George Baran, Associate Dean
College of Engineering
Temple University
1947 N. 12th Street
Philadelphia, PA 19122
215-204-8824
GRBaran@Temple.edu

Temple University is a major public research university which currently has more than 34,000 students enrolled in undergraduate and graduate programs including engineering, medicine, science, business, law, psychology, and history among many others. The University has an urban campus within minutes of downtown Philadelphia with an extremely diverse student body (ranked number one in diversity by Princeton Review).

Temple University is an Equal Opportunity and Affirmative Action Employer; applications from minorities and women are especially encouraged.

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Yale University, Department of Internal Medicine, Section of Cardiovascular Medicine and the Yale Cardiovascular Research Center are searching for open rank cardiovascular investigators in the fields of developmental biology, genetics, cardiomyocyte biology, vascular biology and signaling.

The qualified candidate will have an MD, MD/Ph.D. or Ph.D degree, a track record of high level peer reviewed publications, and, for candidates for Associate or full Professor positions, a track record of extramural funding.

The candidate must qualify for faculty appointment at the Yale University School of Medicine at a level commensurate with experience. Interested candidates please forward CV and three letters of reference to: Dr. Michael Simons, c/o Susan Durant, Yale University School of Medicine, P.O. Box 208017, New Haven, CT 06520-8017. The deadline for application is October 30, 2008.

Yale University is an Affirmative Action/Equal Opportunity Employer. Applications from women and under-represented minorities are encouraged.

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The Department of Cancer Biology and Pharmacology at the University of Illinois College of Medicine at Peoria seeks qualified candidates for positions of Associate Professor (tenured). Candidates should have a Ph.D. and/or M.D. degree, a strong publication record, and be actively engaged in an established, extramurally funded laboratory program in the area of molecular genetics, cellular/cancer biology or some aspect of pharmacology. Successful applicants should also have teaching/mentoring experience in directing students, postdoctoral fellows, residents and/or junior faculty in research. Department provides highly competitive salary, benefits and lucrative start-up package. Additional collaborative opportunities in basic and clinical research are available within the College and the University.

Applicants should send curriculum vitae and the names and addresses of three references to: Jasti S. Rao, PhD, Chair, Search Committee, Department of Cancer Biology and Pharmacology, University of Illinois College of Medicine at Peoria, P.O. Box 1649, Peoria, IL 61656. For fullest consideration, please respond by October 4, 2008.

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

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The Department of Pharmacology and Therapeutics at Roswell Park Cancer Institute invites outstanding Ph.D. M.D./Ph.D. and M.D. investigators to fill faculty positions at the level of Assistant, Associate, and Full Professor. Relevant research areas include, but are not limited to, anticancer drug action, drug resistance mechanisms, cancer cell signaling and growth control, mechanisms of cell survival, and regulation of gene expression. RPCI is expanding in the areas of stem cell biology, tumor microenvironment, drug target identification, and radiation biology; investigators in these areas are encouraged to apply. Laboratory space in a newly opened 300,000 square foot Life Sciences Complex provides a multidisciplinary research environment and access to numerous state-of-the-art core facilities. Candidates will benefit from collaborative opportunities with investigators from other research departments at RPCI, structural biologists at the Hauptmann-Woodward Institute, and chemists and pharmacologists at the University at Buffalo, State University of New York, all located on the growing Buffalo Niagara Medical Campus. Participation in a NIH T32-supported Ph.D. graduate program and the RPCI Comprehensive Cancer Center core grant is expected. Successful candidates will receive generous start-up funds and salary. Applicants for senior level positions should have well-established research programs supported by external funding. Candidates should e-mail their CV, a 1-3 page research summary, and the names of 3 references to anne.mcnulty@roswellpark.org, or send hard copies to:

Pharmacology Search Committee, c/o Dr. Adam R. Karpf
Department of Pharmacology and Therapeutics
Roswell Park Cancer Institute
Elm and Carlton Streets, Buffalo, NY 14263

First consideration will be given to applications received by December 1, 2008.

RPCI is a M/F/D/V Equal Opportunity/Affirmative Action Employer.
MICROBIAL GENETICIST ASSISTANT PROFESSOR POSITION
Department of Microbiology
University of Massachusetts Amherst

The Department of Microbiology at the University of Massachusetts Amherst invites applications for a tenure-track Assistant Professor position. We seek candidates with demonstrated expertise in, but not limited to, Microbial Genetics. The Department is especially interested in applicants studying prokaryotic or eukaryotic model systems that are pathogenic or medically important. The successful candidate will be expected to establish a strong independent, extramurally funded research program and participate in the teaching of undergraduate and graduate courses. Applicants are required to have a Ph.D. in Microbiology or a related field, post-doctoral training and a developed independent creative research program. The Department of Microbiology places special emphasis on faculty-student interaction, interdisciplinary activities, and cooperation among faculty, and we share a fundamental commitment to teach and attract a diverse student body.

Review of applications will begin on October 6, 2008 and will continue until the position is filled. Applicants should send a letter of intent, statement of research and teaching interests, current curriculum vitae and arrange to have three letters of reference sent to: Microbiology Search Committee Chair, Department of Microbiology, University of Massachusetts, Morrill IV, N203, 639 North Pleasant Street, Amherst, MA 01003; microbio-dept@microbio.umass.edu.

The University is part of the 5-College Consortium in the beautiful Pioneer Valley of Western Massachusetts, with excellent social, cultural, and recreational amenities in a town and rural setting. We are 2 hours from Boston and 3 hours from New York City.

The University provides an intellectual environment committed to providing academic excellence and diversity including mentoring programs for all faculty. The College and the Department are committed to increasing the diversity of the faculty, student body and the curriculum.

The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

Division Director Positions
The House Ear Institute (HEI), one of the world’s foremost venues for auditory science, is undergoing a major expansion of its research enterprise. Established in 1946 in Los Angeles, HEI focuses on various aspects of auditory and communications neuroscience, pioneering the development of both cochlear and auditory brainstem implants. Since 1995, HEI researchers have also explored the cellular, developmental and molecular biology of the auditory and vestibular systems and their disorders in model organisms. Human genetic studies and an active program in basic and translational research into auditory tumors have recently been initiated. HEI provides excellent institutional infrastructure and core facilities, and supports 16 well-funded research programs, encompassing 144 investigators, physicians, postdoctoral fellows, graduate students and technicians. Investigators hold faculty appointments at the University of Southern California. The House Clinic’s group of neurosurgeons and otologists, and large patient base, provides an invaluable resource for translational and clinical studies. HEI is recruiting a director (department chair level) to head each of its newly restructured research divisions. Each director will be provided with a competitive salary, benefits, startup package, and dedicated research and support space. Additionally, he/she will lead the search to recruit three new assistant professor level investigators to enable a significant expansion of divisional capacity.

Director of the Division of Communication and Auditory Neuroscience
Current research interests of the Division include communication neuroscience, development of human auditory function, pediatric hearing loss, electrophysiology, human communication sciences and devices, auditory implants and perception, and a Children’s Auditory Research and Evaluation Center. The Division Director will be expected to achieve a significant expansion of research capacity in areas/disciplines related to Communication and Auditory Neuroscience. Exceptional applicants, holding a PhD, MD or MD/PhD degree, should have an established, funded research program in any area of neuroscience that can be of benefit to hearing and communication research. Preference will be given to candidates with demonstrated leadership skills and a commitment to integrative research.

Director of the Division of Cell Biology and Genetics
The current research interests of the Division include developmental biology of the auditory system, the genetic basis of hearing loss, the molecular pathogenesis of hearing disorders, histopathology of the temporal bone, and neural tumor research. The Division Director will be expected to achieve a major expansion of research capacity in areas/disciplines related to the auditory system and its diseases at the molecular, cellular and genetic level. Exceptional applicants, holding an MD, PhD or MD/PhD degree, should have an established, funded research program in any area of molecular, cell or developmental biology, genetics, biochemistry or neuroscience that can be of benefit to hearing research. Preference will be given to candidates with demonstrated leadership skills.

Applications and/or nominations should be addressed to:
David Meyer, Executive Vice President for Research
The House Ear Institute
2100 West Third Street
Los Angeles, CA 90057, USA
directorsearch@hei.org
HEI is an Equal Opportunity Employer
CALIFORNIA INSTITUTE OF TECHNOLOGY invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering in the area of chemical engineering. Candidates with strong commitments to research and teaching excellence are encouraged to apply. We expect to make the appointment at the assistant professor level, but consideration will be given to exceptionally well-qualified applicants at the associate and full professor levels. Appointment will be contingent upon completion of all requirements for a Ph.D. in chemical engineering or in a related field.

Submit curriculum vitae, publication list, a description of proposed research, and three letters of recommendation to: Chair of the Chemical Engineering Search Committee, M/C 210-41, California Institute of Technology, Pasadena, CA 91125. Applications should be received by November 1, 2008.

The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

 Faculty Positions in Physiology

The Department of Physiology seeks outstanding individuals with creative, rigorous and integrative research approaches to key physiological processes. Over the next three years, several junior tenure-track faculty positions will become available in the Physiology Department. Suitable candidates must have a Ph.D. and/or an M.D. degree and have exceptional promise or a proven track record of research achievement. Physiology integrates the growing body of information on molecular and cellular processes into functionally relevant contexts that translate into important medical advances. Presently, the Department covers a wide range of interests including membrane physiology and the biophysics of transport, computational biology, and the development and analysis of genetic disease models. We are especially interested in individuals who relate the properties of individual proteins to tissue and organ function, to development and to pathogenesis. Individuals who use genetic, computational or other models to study integrative physiology are encouraged to apply.

Successful candidates will complement the research activities within the Institute for Basic Biomedical Sciences (see https://www.hopkinsmedicine.org/ibbs/index.html) and will actively participate in the graduate program in Cellular and Molecular Physiology as well as medical education. Further information about the Physiology Department is available at http://physiology.bs.jhmi.edu/. Applicants will be assessed on an ongoing basis, with higher priority given to those who apply by November 30, 2008. Applications should provide one electronic (PDF preferred) document that includes a curriculum vitae, statement of research interests, and the names of three references to: physiologyrecruitment@jhmi.edu, subject line “Faculty position in Physiology.”

The Johns Hopkins University School of Medicine is an Affirmative Action/Equal Opportunity Employer that embraces diversity.
The Helen L. and Martin S. Kimmel Center for Biology and Medicine at the Skirball Institute of Biomolecular Medicine

Faculty Positions

The Helen L. and Martin S. Kimmel Center for Biology and Medicine at the Skirball Institute of Biomolecular Medicine at New York University Langone Medical Center invites applications for tenure-track positions at the assistant, associate or full professor level. We seek applicants with an exceptional record of achievement to join our existing programs in Molecular Neurobiology, Developmental Genetics, Molecular Pathogenesis and Structural Biology. These programs are interdisciplinary and reflect strengths at NYU Langone Medical Center and the College of Arts and Sciences. Special priority will be given to applicants who:

- Study macromolecular structure and function using X-ray crystallography or single-molecule techniques.
- Study mammalian developmental genetics or stem cell biology.
- Apply cell biological, molecular and physiological approaches to the study of the nervous system.

The NYU Langone Medical Center offers excellent resources to support new faculty, including generous start-up packages and core facilities for cell sorting, imaging, proteomics, mouse molecular genetics, genomics and structural biology. Successful candidates are expected to initiate and maintain vigorous independent research programs that will enrich and be enriched by the highly collaborative environment at the Skirball Institute and throughout the NYU research community.

This is an electronic application process only. Please create your application packet by formatting it as a single PDF document. Use the following page order: 1) Cover Letter – indicating program preference, 2) Curriculum Vitae, 3) Research Statement.

Email the application packet to: skirballsearch@med.nyu.edu

Three letters of reference should be sent independently to: skirballsearch@med.nyu.edu

New York University was founded in 1841 and is an equal opportunity affirmative action employer. Women and minority candidates are encouraged to apply.

http://skirball.med.nyu.edu/
As part of a multi-year hiring plan, New York University’s Center for Genomics & Systems Biology invites applications for multiple faculty positions (rank open) to begin September 1, 2009, or as negotiated, pending administrative approval. Candidates investigating fundamental biological and cellular mechanisms at the level of systems and networks using high throughput approaches and/or computational methods 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 Developmental Genetics (which is undergoing a parallel faculty search), and with other divisions within NYU including, The Courant Institute of Mathematical Sciences and The Skirball Institute for Biomolecular Medicine.

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 Genomics & Systems Biology, 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.

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 it’s highly interactive and interdisciplinary research environment, the Institute provides administrative and financial support for the Graduate Program in Cell and Molecular Biology and state-of-the-art core facilities including DNA sequencing, mass spectrometry, electron and confocal microscopy, DNA microarrays, robotics, and mouse genetic engineering. A recently instituted MD-PhD program with the UT Medical Branch and the new Dell Pediatrics Research Institute further enhance the environment for basic Biomedical Research.

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


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

COLUMBIA UNIVERSITY

FACULTY POSITION

Department of Pharmacology

University of California, San Diego
School of Medicine

The Department of Pharmacology, University of California, San Diego seeks highly qualified applicants for a tenured/tenure-track appointment at the Assistant or Associate Professor level. Applicants must hold a PhD and/or MD degrees. Preference will be given to candidates who have secured independent grant support and have demonstrated experience in graduate training and professional school teaching. Research should be in areas of signal transduction or mechanisms of drug action that complement but substantially extend that of current faculty. Applicants will be expected to teach varied aspects in pharmacology to graduate and professional students, to mentor thesis studies of Ph.D. students and to oversee an independent, contemporary and scholarly laboratory research program. Salary and appointment level will be commensurate with qualifications and experience, and based on published UC pay scales.

To apply electronically (preferred) or for more information, please visit our website at:

http://pharmacology.ucsd.edu/about/jobs.php

Alternatively, send detailed CV, description of research plans, copies of selected publications and three letters of recommendation by November 30, 2008 to:

Chair, Search Committee (SC092008)
Department of Pharmacology
University of California, San Diego
9500 Gilman Drive, La Jolla, CA 92030-0636

UCSD is an Affirmative Action/Equal Opportunity Employer committed to excellence through diversity.
The University of Missouri-Columbia invites applications and nominations for the position of Dean of the College of Computing and Informatics. Reporting to the Provost and Vice Chancellor for Academic Affairs, the Dean provides leadership for the Department of Computer Science and Software and Information Systems, a growing interdisciplinary Bioinformatics program, and six affiliated research and community engagement units.

The College of Computing and Informatics continues to experience tremendous growth since its establishment in 2000. The College offers an interdisciplinary Ph.D. program in Information Technology with multiple tracks, including Computer Science, Software and Information Systems, and Bioinformatics; M.S. degrees in Computer Science and Information Technology; a Professional Science Master’s degree in Bioinformatics; B.S. and B.A. degrees; and certificate programs.

The College has gained national recognition through research institutes, including the Charlotte Visualization Center, the Diversity in Information Technology Institute, and the Center for Digital Identity and Cyber Defense Research. The College is designated a National Center of Academic Excellence in Information Assurance Research by the National Security Agency.

The College has taken a leadership role in developing bioinformatics programs in collaboration with the developers of the North Carolina Research Campus. A billion dollar, 350-acre research park, less than 20 miles from UNC Charlotte, the N.C. Research Campus was founded to serve as home to research programs in metabolomics and plant genomics and a large number of biotech companies. The College is housed in Woodward Hall, which opened in 2005. The Bioinformatics Research Center is scheduled to move in August 2009 to a new 75,000 sq. ft. building.

UNC Charlotte is the only doctoral-granting institution in a dynamic urban region of 1.8 million people and offers unparalleled educational opportunities to a culturally diverse student body of more than 23,000. (University homepage: www.uncc.edu)

The Dean is responsible for academic leadership, strategic planning, faculty appointments, budgetary and administrative oversight, development and alumni affairs, and external relations. Academic and community leadership; effective communication with faculty, staff, and students; consensus building; and fundraising are all part of the day-to-day activities of the Dean. The Dean should possess an earned doctorate and an outstanding record of scholarly achievement that is appropriate for appointment as a tenured, full professor at a research university; an established national reputation; a proven ability to attract external funding; demonstrated results at leading and developing an academic unit and commitment to student success; experience engaging a diverse university community; and a successful record of establishing relationships within universities, business and civic communities, and government agencies.

Charlotte is home to the world headquarters of nine Fortune 500 companies, with Bank of America and Wachovia making it the second largest banking center in the United States. The Charlotte region is consistently ranked as one of the fastest growing and most affordable regions in the United States and is home to over 750 foreign-owned firms representing more than 46 countries.

Application Process: Information about the application process and further details on the position and the College of Computing and Informatics may be found at www.provost.uncc.edu/Searches/Dean. Confidential nominations may be submitted by mail to the Chair of the Search Committee, Dr. Owen Furuseth, Dean Search, c/o Office of Academic Affairs, UNC Charlotte, 9201 University City Blvd., Charlotte, N.C. 28223, or by email to deansearch@uncc.edu.

UNC Charlotte is committed to equality of educational opportunity and is an Affirmative Action Employer. Minorities, women and individuals with disabilities are encouraged to apply. Finalists are subject to educational and criminal background checks.

The Department of Nutritional Sciences at the University of Missouri invites applications for a tenure-track position focusing on obesity and the metabolic syndrome. The newly expanded Department of Nutritional Sciences now spans three colleges within the University (Agriculture, Medicine, and Human Environmental Sciences) and has a mission focused on an interdisciplinary approach to the obesity epidemic. The University is noted for interdisciplinary research programs. We are seeking an outstanding scientist to work in our expanding programs.

The successful applicant will join a team of outstanding scientists and researchers who are actively working in obesity and the metabolic syndrome. Located midway between St. Louis and Kansas City, Columbia is a vibrant university town that is consistently ranked among the top small cities to live in America. Please send curriculum vitae, a narrative of research and educational interests, and the names and contact information of three references to: Chair, Nutrition/Exercise Search Committee, Department of Nutritional Sciences, Colleges of Medicine/HEA/CAFNR, 217 Gwynn Hall, University of Missouri-Columbia, Columbia, MO 65211. Or by electronic submission (strongly preferred) to: uncchsnsjobs@missouri.edu. Active review of applications will begin October 1, 2008, and the search will continue until the position is filled.

The University of Missouri is very interested in promoting a diverse work environment and has programs in place, such as an NSF ADVANCE grant, to promote diversity on campus. The University of Missouri-Columbia is an Equal Opportunity, Affirmative Action Employer, and complies with the guidelines set forth in the Americans with Disabilities Act of 1990. Visit the University of Missouri-Columbia’s website at http://www.missouri.edu. Please direct ADA accommodation requests to our coordinator at 573-884-7278 (TTY).

We seek outstanding applicants with a Ph.D. or M.D. degree for appointment in our newly funded Keystone Program in Epigenetics and Progenitor Cells. The successful applicant will receive a generous start-up package to develop a vigorous, extramurally-funded research program. We are particularly interested in applicants with a proven interest in cancer biology as it relates to epigenetics or progenitor/stem cells, and who will complement our current interests in the basic mechanisms of gene regulation, cell biology, and development.

Please see: http://keystone.foxchaseprojects.org/keystone/epigenetics_keystone.html

Fox Chase, located in suburban Philadelphia, offers a highly interactive, multidisciplinary environment, with research laboratories augmented by core grant-funded facilities, in-house postdoctoral fellowships, and a graduate training program. Applications will be reviewed as received. Please email CV, description of research plans, and 3 letters of recommendation to Dr. Ken Zaret, EPC Program Leader, EPC.recruitment@fccc.edu, or by mail: c/o Rose Walsh, Fox Chase Cancer Center, 333 Cottman Ave., Philadelphia, PA 19111. Fox Chase Cancer Center is an Affirmative Action/Equal Opportunity Employer.
DARTMOUTH MEDICAL SCHOOL

TENURE TRACK FACULTY POSITION IN IMMUNOLOGY
DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

The Department of Microbiology and Immunology at Dartmouth Medical School (DMS) invites applications from investigators in all areas of immunology, particularly tumor immunology or the immunopathogenesis of infection. We seek an individual for a tenure track position at the assistant, associate or full professor level who will complement existing strengths in molecular and cellular immunology, autoimmunity, cancer, infectious diseases and microbial pathogenesis. Applicants should be experienced scientists with Ph.D. and/or M.D. degrees, and currently holding a faculty-level position. Current faculty have strong research and teaching credentials in a range of topics within the fields of microbiology and immunology (http://dms.dartmouth.edu/microbio/faculty/), and Dartmouth has an existing cancer immunotherapy program (http://www.cancer.dartmouth.edu/research/immunology/). There is the opportunity to participate in the interdepartmental Immunology Program, a COBRE-funded Center for Molecular, Cellular and Translational Immunological Research, and an NIH Institutional Training Grant in Immunology. Teaching expectations primarily include participation in courses in medical immunology or microbiology and graduate level courses as part of the Molecular and Cellular Biology interdepartmental Ph.D. graduate program.

This position affords the opportunity to utilize state-of-the-art facilities and resources associated with a major research and teaching institution and cancer center, while enjoying the quality of life characteristic of upper New England. For further information on the various programs at DMS and the Norris Cotton Cancer Center see: www.dartmouth.edu/~dms or www.dartmouth.edu/dms/acce/index.htm.

All applicants must submit electronic copies of their curriculum vitae, a brief statement of research interests, future plans, and a list of publications to Kristen.Platt@Dartmouth.EDU. Letters of recommendation should be sent separately from three scientists who can evaluate the candidate’s achievements and future potential. Address for mail correspondence is: Kirsten Platt, RE: Faculty search, 6th floor Borwell Building, One Medical Center Drive, Lebanon NH 03756. Please address informal inquiries to Dr. Edward Ushkowitz, search committee chair, EGU@Dartmouth.EDU. Applications will be reviewed beginning October 2008 continuing until the position is filled.

Dartmouth Medical School is an Affirmative Action/Equal Opportunity Employer that encourages applications from women and members of minority groups.

ASSISTANT PROFESSOR

Department of Chemistry
ARTS AND SCIENCE

The Department of Chemistry at New York University, located in Greenwich Village in lower Manhattan, invites applications for a faculty position in experimental biophysical chemistry or experimental physical chemistry applied to macromolecular and biological systems. All ranks will be considered, but applications from junior faculty candidates are prefered. The anticipated start date is September 1, 2009, pending budgetary and administrative approval. The Department is embarking on a significant growth plan that includes the creation of the Molecular Design Institute, the recent hire of two senior-level faculty with several more anticipated, and expansion of laboratory and instrumentation facilities. Applicants should have an outstanding record of research and a commitment to teaching. Applications should include a curriculum vita, a list of publications, a statement of future original research and teaching plans, and the names of at least three references. 

Application review will begin on October 15, 2008. Applications should be sent to Faculty Search Committee, Department of Chemistry, New York University, 100 Washington Square East, New York, NY 10003.

NEW YORK UNIVERSITY

NYU is an Equal Opportunity/Amffirmative Action Employer.
FACULTY POSITIONS
IMAGING AND CELL BIOLOGY
ALBERT EINSTEIN COLLEGE OF MEDICINE

The University of Iowa, Department of Anatomy and Cell Biology, invites applications for tenure-track faculty positions in Molecular Medicine at the ranks of Assistant and Associate Professor. These are 12-month appointments with highly competitive start-up packages, laboratory space, salary and benefits. Outstanding candidates interested in the pathophysiology of human disease and animal models are encouraged to apply.

Current areas of research in the department include cell and developmental biology, cardiovascular biology, neurobiology, cancer, and stem cell biology. The Department of Anatomy and Cell Biology is also the administrative home of the Center for Gene Therapy. http://genetherapy.genetics.uiowa.edu/

Candidates must hold a Ph.D., M.D., or equivalent degree, with at least two years of relevant postdoctoral research experience. Applicants for the Assistant Professor position will have a strong record of research productivity and publications in excellent peer-reviewed high-impact scientific journals, and exhibit a high potential to develop a successful extramurally funded research program. Applicants for the Associate Professor rank will have a strong record of research productivity and publications in excellent peer-reviewed high-impact scientific journals, and possess an established extramurally funded research program. In addition, all applicants will have demonstrated experience working effectively in a diverse research environment.

To apply for this position, please visit http://jobs.uiowa.edu, requisition #59967. Review of applicants will begin immediately. Please direct questions to the Molecular Medicine Search Committee at mary-beckler@uiowa.edu.

The University of Iowa is an Equal Opportunity and Affirmative Action Employer. Women and minorities are strongly encouraged to apply.
The University of Michigan Department of Human Genetics is recruiting faculty members to join the interdepartmental Center for Genetics in Health and Medicine (CGHM). A tenure track, basic science faculty appointment is available in the Department of Human Genetics at the Assistant, Associate, or Full Professor level, commensurate with experience. A physician-scientist active in patient care and research will hold a joint appointment in the appropriate clinical department. We are particularly interested in neurogenetics, and all areas of medical genetics will be considered. The Center’s mission is to develop and support an interactive community of faculty in the basic and clinical sciences who will develop new research opportunities that integrate modern genetics research with clinical and public health activities.

Please apply by November 1 through the CGHM web site at (http://www.cghm.med.umich.edu/hr/). A curriculum vitae, description of current and future research, and three letters of recommendation should all be submitted through the web site. Correspondence should be addressed to:

Dr. Sally Camper, Chair
Department of Human Genetics
University of Michigan Medical School
4909 Buhl Bldg., 1241 Catherine St.
Ann Arbor, MI 48109-5618

Applications must be complete by 5:00 p.m. EDT on the November 1, 2008 deadline.

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

http://www.hg.med.umich.edu/

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**FACULTY POSITION IN STRUCTURAL BIOLOGY**

The Department of Biochemistry and Molecular Biology at Indiana University School of Medicine invites applications for Tenure-Track Faculty Positions at all ranks. Preference will be given to qualified candidates with strong training in macromolecular X-ray crystallography. The proposed research program should address fundamental biomedical questions at the molecular level and complement existing Department strengths in cellular signaling mechanisms, gene regulation through transcriptional and translational control, metabolic regulation, macromolecular structure/function, chemical biology, proteomics, genomics, computational and structural biology (http://www.biochemistry.iu.edu). Successful applicants are expected to develop a strong, independent and extramurally funded research program as well as participate in graduate and medical student teaching. Highly competitive salary, start-up funds and laboratory space will be provided. Applicants must have a Ph.D., M.D. or equivalent degree, post-doctoral experience, and clear evidence of research productivity. The search committee will begin consideration of applications immediately and continue until positions are filled.

Applicants should submit curriculum vitae, a brief summary of past accomplishments and future research plans, along with the names and email addresses of at least three references electronically to: Job #08154, biomjobs@iupui.edu or by mail to:

Dr. Zhong-Yin Zhang, Professor and Chair
c/o Patty Dilworth
Department of Biochemistry and Molecular Biology
Indiana University School of Medicine
635 Barnhill Drive, MS 4053
Indianapolis, IN 46202-5122

Indiana University is an Equal Opportunity/Affirmative Action Employer, Educator and Contractor, M/F/D.
**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 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 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 Stem Cell Biology**

The University of Nebraska, Department of Agronomy and Horticulture invites applications for a Plant Quantitative Genetics/Statistical Genomics position as an Assistant or Associate Professor in quantitative genetics and statistical genomics. The successful candidate will work on quantitative genetics and statistical genomics of crop productivity and have the potential to contribute to a new curriculum in plant breeding and genetics. A Ph.D. in plant breeding, genetics, or a closely related discipline is required. Application of statistical methods to the study of genetics and genomics is also valuable. The University of Nebraska is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

Applications must be complete by 5:00 p.m. CDT on the November 1, 2008 deadline. Information about the Department of Human Genetics is available at www.hg.med.umich.edu. The University of Michigan is an Affirmative Action/Equal Opportunity Employer.

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**FACULTY POSITIONS**

**University of Nebraska**

**Lincoln**

The University of Nebraska, Department of Agronomy and Horticulture invites applications for a Faculty Position in Chemical Biology. The successful candidate will be expected to (1) develop an internationally recognized research program in plant quantitative genetics/statistical genomics; (2) aggressively pursue funding opportunities from state, federal and private sources; (3) publish research results in peer-reviewed journals; (4) teach graduate level courses on quantitative and population genetics; (5) be an active member of the Center for Plant Science Innovation, and (6) contribute to student recruitment and retention. Applications should be submitted by November 1 through the Department of Human Genetics web site at (http://www.hg.med.umich.edu/hr/). A curriculum vitae, description of current and future research, and three letters of recommendation should all be submitted through the web site. Correspondence should be addressed to:

Dr. Sally Camper, Chair
Department of Human Genetics
University of Michigan Medical School
4909 Buhl Bldg., 1241 Catherine St.
Ann Arbor, MI 48109-5618

Applications must be complete by 5:00 p.m. EDT on the November 1, 2008 deadline.

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

**SOUTH CAROLINA CENTERS OF ECONOMIC EXCELLENCE**

The University of South Carolina (USC) in Columbia, SC, and the Medical University of South Carolina (MUSC) in Charleston, SC, are jointly seeking applications and nominations for an endowed chair. The individual and associated laboratory space can be in Columbia or Charleston. Individuals with demonstrated expertise in the areas of Pharmacology, Chemical Biology, or Medicinal Chemistry are encouraged to apply. The successful candidate will be an established scientist who has a strong reputation in research, has a productive record of publication and extramural funding, and is qualified for a tenured appointment at the level of Full Professor. The chair holder will play a key role in the growth and development of research and drug discovery in the State of South Carolina. He/she will be expected to participate in professional and graduate education, and to maintain a nationally recognized, extramurally funded research program.

USC and MUSC have several Centers of Economic Excellence, including the Centers for Drug Discovery and Cancer Therapeutics, and are continuing a period of rapid growth in research. State-of-the-art core research facilities exist at both institutions, fostering a variety of collaborative research efforts and interactions.

Interested candidates should submit curriculum vitae, statements of research interests and accomplishments, and the names of three references to: Dr. Charles D. Smith, Department of Pharmaceutical and Biomolecular Sciences, Medical University of South Carolina, MSC 140, Charleston, SC 29425 (email: smithchd@musc.edu). Nominations are also welcomed.

Review of applications will begin on October 1, 2008, and will continue until the position is filled.

The University of South Carolina and the Medical University of South Carolina are Affirmative Action/Equal Opportunity Employers.

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**DIRECTOR**

**ANIMAL AND NATURAL RESOURCES INSTITUTE**

**A Senior Executive Service Position in the Federal Government**

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

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

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

USDA/ARS is an Equal Opportunity Employer and Provider.

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**DEPARTMENT OF CHEMISTRY**

**ASSISTANT PROFESSORS**

The Department of Chemistry is beginning a phase of significant expansion. Applications are invited for three tenure-track assistant professor positions with research interests at the interface of chemistry and biology. All areas of chemistry will be considered. Successful candidates will demonstrate the potential to develop an internationally recognized research program and excel in teaching. The Chemistry Department at Tufts is a well-funded, thriving community of researchers with collaborations spanning across the University. Excellent resources are available for new investigators interested in building a program in the Life Sciences – one of the University’s strengths. Teaching responsibilities will include graduate and undergraduate courses in chemistry and/or the biochemistry curriculum.

Additional information about the department can be found at: [http://chem.tufts.edu.](http://chem.tufts.edu)

Send CV, a research plan and three letters of recommendation to:

Faculty Search Committee, Department of Chemistry, Tufts University, Medford, MA 02155. Evaluation of candidates will begin October 1, 2008 and continue until the position(s) are filled.

*Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty. Applications from women and members of underrepresented groups are strongly encouraged.*

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**Faculty Positions**

**Department of Cell Biology**

**Yale University School of Medicine**

The Cell Biology Department seeks exceptional candidates at the rank of Assistant or Associate Professor who wish to initiate independent research programs in the field. Successful candidates will have Ph.D. and/or M.D. degrees and a demonstrated record of originality and productivity in research during graduate training and/or post-doctoral research, as well as well-formulated plans for independent research. Although the focus is on tenure-track junior faculty appointments, applicants for senior faculty ranks may also be considered. The Department will be undergoing a major expansion with the recruitment of a new Chair, Dr. James E. Rothman, and will house the newly founded Yale Center for High Throughput Cell Biology. All areas of basic or translational research on the mechanisms of processes occurring at cellular and subcellular levels are of interest. However, we are especially targeting multiple appointments in each of the following fields:

- **Subcellular imaging** – super-resolution optical microscopy, fluorescent probe/protein development, and novel electron microscopy. These appointments may be physicists, engineers, or chemists, in addition to biologists.
- **Nuclear cell biology** – organization and dynamics of compartments of the nucleus.
- ** Trafficking/organelles** – focus on the organization of and within cellular membranes and the compartments of the cytoplasm.

Please send your CV, list of publications, a summary of doctoral research (1 page), a summary of post-doctoral research (maximum 2 pages), and a research plan (no more than 3 pages), along with the names and addresses (including email) of three potential references by October 1, 2008 to: cellbio.search@yale.edu.

*Applications from, or nominations of, women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.*
Deputy Director
Stanford Linear Accelerator Center
The Stanford Linear Accelerator Center (SLAC), a Department of Energy National Laboratory, is managed by Stanford University. As one of 110 employees and has an approximate budget of $275 million.

In particular, the Deputy Director:
- Serves as a key member of the Director’s management team and, along with the Associate Director, develops and implements institutional strategy, institutional goals, programs, policies, and priorities for the Laboratory
- Leads the scientific review process at the laboratory
- Leads the Lab-wide strategic planning process and serves as advisor to the Director
- Manages the laboratory LDRD program
- Represents and supports the Director on a wide range of institutional and programmatic matters, assuring that the full range of institutional considerations is brought to bear on the Laboratory’s institution-wide planning process
- Participates in and initiates interactions with internal and external stakeholders, including high level contacts with Federal funding agencies, especially the Department of Energy, interactions with the laboratory complex and with the senior administration of Stanford
- In connection with assigned institutional managers, is responsible for the stewardship of financial, human, equipment, and facility resources
- Maintains the institution’s commitment to AA/EEO/Diversity, quality, ESH/S, Security, and overall excellence

Qualifications
- PhD in science or engineering field and extensive experience working in a scientific research and development environment
- A very broad scientific perspective and experience with scientific management and development
- Demonstrated ability to interact effectively with funding agencies, and capable of providing leadership and support to a multidisciplinary group of scientists
- Demonstrated expertise in balancing institutional objectives and organizational perspectives by identifying optimal solutions and strategic planning; demonstrated excellence in direction/goal setting, and gathering support from stakeholders
- Demonstrated ability to learn about new scientific and technical areas
- Demonstrated experience communicating effectively at all levels of the organization in verbal and written communications, presentation skills, negotiation skills and interpersonal skills
- Must have a demonstrated commitment to diversity, environment, safety, security and high ethical standards in meeting the organization’s mission, vision and goals

The Deputy Director reports to the Director of the Laboratory. For suitably qualified candidates, a faculty position in the SLAC Particle Physics and Astrophysics or Photon Science departments will be considered.

Candidates should submit their resumes to:
ncow@slac.stanford.edu

Stanford University is an equal opportunity employer and welcomes nominations of women and minority group members and applications from them.

http://slac.stanford.edu

FIVE (5) TENURED/TENURE-TRACK ENDOWED FACULTY POSITIONS

The Donald W. Reynolds Department of Geriatric Medicine (http://www.ouhsc.edu/geriatricmedicine/roca/) at The University of Oklahoma Health Sciences Center (OUHSC) invites applications for five (5) tenured/tenure-track faculty positions, with rank (Assistant, Associate or Full Professor) commensurate with qualifications. The positions are part of the on-going expansion of the Reynolds Oklahoma Center on Aging (the research division of the department). The Department of Geriatric Medicine is one of only ten in the entire country, creating a unique opportunity to work in a collaborative environment that is solely dedicated to understanding the aging process and age-related diseases. Exceptional candidates with an MD or Ph.D. degree are encouraged to apply.

Candidates for appointment must show evidence of productive research accomplishments and have NIH or NSF funding. Successful candidates are expected to develop/maintain a fully independent basic science research program addressing fundamental questions in any area that is directly or indirectly related to aging and form productive interactions with colleagues and other scientists at the OUHSC campus. Potential areas of expertise include, but are not limited to, regulation of autophagy, protein ubiquitination, oxidative stress/damage, proteomics and bioinformatics, vascular and cognitive function as well as neurodegenerative conditions such as Alzheimer’s disease and Parkinson’s disease.

The endowed positions include competitive salary, start-up packages, ample laboratory space and a $2M endowment. Cross-appointments in other basic science departments at OUHSC are available. Additional local funding is available on a competitive basis through the Oklahoma Center for the Advancement of Science and Technology, the Presbyterian Health Foundation and NIH-sponsored institutional grants. OUHSC maintains outstanding Core Facilities that support confocal imaging, flow cytometry, mass spectrometry and gene chip technology (Affymetrix) for expression profiling and genetic analysis.

Please submit a PDF file containing curriculum vitae, a description of current and future research plans, copies of representative publications (no more than three) as well as complete contact information for three references to William E. Sonntag, Ph. D., Chair, Search Committee, at william-sonntag@ouhsc.edu.

The University of Oklahoma is an Equal Opportunity Institution.

VT C is one of the first allopathic medical schools to be established in the United States over the past two decades and senior administrators are currently working toward accreditation with plans to admit its charter class in the fall of 2010.

VTC is a private medical school formed jointly as a public/private partnership between Virginia Polytechnic Institute and State University (Virginia Tech) and Carilion Clinic. The medical school and research institute will be located in a new building, funded with a $59M higher education bond package from the Virginia State Legislature, at the Carilion Clinic’s Riverside Center campus near downtown Roanoke, VA. VTC is one of the first allopathic medical schools to be established in the United States over the past two decades and senior administrators are currently working toward accreditation with plans to admit its charter class in the fall of 2010.

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FACULTY POSITION – TRANSLATIONAL OBESITY/ METABOLIC SYNDROME/DIABETES RESEARCH
University of Missouri
Departments of Nutritional Sciences/ Medical Pharmacology and Physiology

The Department of Nutritional Sciences and the Department of Medical Pharmacology and Physiology, University of Missouri invite applications from investigators whose interests focus on obesity and its complications. The newly expanded Department of Nutritional Sciences now spans three colleges within the University and has a mission focused on an interdisciplinary approach to the obesity epidemic. The University is noted for interdisciplinary research programs. We are seeking outstanding clinician scientists or non-clinician scientists with translational research programs. Preference will be given for candidates seeking an appointment at the rank of assistant professor, but outstanding investigators may be considered at the rank of associate or full professor. Position qualifications include a M.D./Ph.D., MD or a Ph.D with postdoctoral experience and a translational research focus. Successful applicants will have or develop an outstanding research program and contribute to School of Medicine teaching activities. Involvement in campus-wide research initiatives relative to obesity, cardiovascular biology, exercise, metabolism, cell signaling and nutrition is desirable. Located midway between St. Louis and Kansas City, Columbia is a vibrant university town that is consistently ranked among the top small cities to live in America.

Please send a curriculum vitae, a narrative of research and educational interests, and the names and contact information of three references to: Frank Booth, Chair, Nutrition/ MPP Search Committee, Department of Nutritional Sciences, School of Medicine/HEC/CAFNR, 217 Gwynn Hall, University of Missouri-Columbia, Columbia, MO 65211. Or by electronic submission (strongly preferred) to: umcchenu1@missouri.edu. Active review of applications will begin October 15, 2008, and the search will continue until the position is filled.

The University of Missouri is very interested in promoting a diverse work environment and has programs in place, such as an NSF ADVANCE grant, to promote diversity on campus. The University of Missouri-Columbia is an Equal Opportunity/Affirmative Action Employer, and complies with the guidelines set forth in the Americans with Disabilities Act of 1990. Visit the University of Missouri-Columbia’s website at http://www.missouri.edu/. Please direct ADA accommodation requests to our coordinator at 573-884-7278 (V/TTY).

Immunology Faculty Position Sloan-Kettering Institute

The Immunology Program at the Sloan-Kettering Institute (www.ski.edu) is seeking innovative investigators for tenure-track positions at the Assistant, Associate, and Member levels who wish to address basic problems in immunology with possible relevance to cancer. Applicants should have a doctorate degree and the potential to develop a strong independent research program or a proven record of accomplishments, depending on the level of appointment. Qualifed applicants with an M.D. degree may be offered a joint appointment in an appropriate department in Memorial Hospital. Candidates will join a faculty with a broad range of research interests, including transplantation, T and NK cell development and function, gene regulation, antigen presentation, infectious disease and tumor immunology. The program has recently moved into contiguous space on 3± floors in a new 25 story laboratory building. Faculty will be eligible to hold graduate school appointments in the Gerster Sloan Kettering Graduate Group in Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Insttitutional MD/PhD Training Program.

SKI offers a highly interactive, supportive and exciting research environment with programs in Immunology, Cancer Biology & Genetics, Cell Biology, Molecular Pharmacology & Chemistry, Molecular Biology, Developmental Biology, Computational Biology and Structural Biology, as well as unparalleled clinical programs in cancer research, treatment and prevention.

Candidates should e-mail their application, preferably in PDF format, to immuno@smskcc.org. The application should include a CV, descriptions of past and proposed research (5-7 pages), and copies of three representative publications. Candidates should arrange to have three signed letters of reference in PDF format sent by email to immuno@smskcc.org. Letters should be addressed to: Dr. James P. Allison, Chairman, Immunology Program, C/O Dwana Agosto, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, Box 494, New York, NY 10065. Application Deadline: November 1, 2008. For questions please e-mail agostod@mskcc.org. Memorial Sloan-Kettering Cancer Center is an affirmative action, equal opportunity employer.

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 Gerster 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.
The Department of Pathology and Laboratory Medicine at the University of Pennsylvania School of Medicine seeks candidates for a Full Professor position in the tenure track. The successful applicant will be accomplished in the area of Immunology. Responsibilities include leadership in the short- and long-range planning for logistics and research direction of the division as well as oversight of the recruitment, retention and evaluation of division faculty members. Applicants must have a Ph.D. or M.D./Ph.D. or equivalent degree and have demonstrated excellent qualifications in Education and Research.

Individuals working in any area of immunology are welcome to apply but preference will be given to those with a strong orientation towards the molecular basis of immune cell development and function. Applicants should have a strong record of publication and independent grant support. Teaching and mentoring of biomedical graduate and undergraduate medical students will also be an integral component of this position.

The successful candidate will play a central leadership role within the Department of Pathology and Laboratory Medicine in the role of Vice Chair of the Department’s Immunology Division, as well as serving the larger research community in the School of Medicine. Resources commensurate with this position will be made available.

The University of Pennsylvania is an equal opportunity, affirmative action employer. Women and minority candidates are strongly encouraged to apply.

Please submit curriculum vitae, a cover letter, 4 reference names, and a statement of research interests to:

Michael P. Cancro, Ph.D.
University of Pennsylvania School of Medicine
Department of Pathology and Laboratory Medicine
284 John Morgan Bldg, 3620 Hamilton Walk, Phila, PA 19104-6082
cancro@mail.med.upenn.edu

http://pathology.uphs.upenn.edu
Faculty Positions
Stem Cell 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. 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 (http://www.triscistemcell.org/about_us.html) and New York State 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 Gerster 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.

Faculty Position
Cell Biology Program
Sloan-Kettering Institute

The Cell Biology Program, Sloan-Kettering Institute (www.ski.edu) has initiated a search for tenure-track faculty members. We are interested in outstanding individuals who have the potential to develop an innovative, independent research program that complements and enhances our existing strengths. Candidates with research interests in exciting areas of eukaryotic cell biology and using a variety of experimental approaches and systems are encouraged to apply. New faculty will be eligible to hold graduate school appointments in the Gerster 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. Sloan-Kettering has an outstanding infrastructure as well as state-of-the-art core resources, and we are now significantly expanding our research programs.

Interested individuals should e-mail their application, preferably in PDF format, to Alan Hall PhD, Chair Cell Biology Program at: cellbio@mskcc.org by November 14th, 2008. The application should include a Curriculum Vitae, a description of past research, accomplishments and proposed future research (3-7 pages) and three representative publications. Candidates should also arrange to have three signed letters of recommendation on letterhead sent by email to: cellbio@mskcc.org. The letters should arrive by November 14th, 2008. Inquiries can also be made by e-mail to cellbio@mskcc.org.

Memorial Sloan-Kettering Cancer Center
www.mskcc.org

FACULTY POSITIONS OPEN
INSTITUTE OF MOLECULAR BIOLOGY
ACADEmia SINICA, TAIWAN, ROC

Tenure-track faculty positions are open for highly qualified individuals to establish independent research programs in all areas of molecular and cellular biology that would complement or strengthen the current topics in the Institute, including biochemistry, structural biology, developmental biology, immunology, and plant biology. However, individuals with innovative approaches that would lead to a new research program are also highly encouraged. Applicants should have a Ph.D. degree or its equivalents, and postdoctoral research experience is preferred. Successful candidates will be appointed at the levels of Assistant, Associate, or Full Research Fellows (the equivalents of Assistant, Associate, and Full Professors in universities), with a generous multi-year start-up fund, followed by annual intramural support.

The Institute of Molecular Biology (http://www.imb.sinica.edu.tw/en) is an active and stimulating research environment: well supported by both intramural and extramural fundings, providing highly supportive cores such as imaging, genomics, bioinformatics and mouse facilities, and maintaining close international connections and strong interactions with local universities. Currently three Ph.D. programs, with one recruiting new faculty, are in place. The successful candidate will receive a competitive start-up package and will be expected to establish an outstanding research program that will attract continued extramural funding. Preference will be given to those whose research aligns with nanomedicine and delivery systems for drugs, peptides, nucleic acids, or viral delivery. The successful candidate should have excellent communication and interpersonal skills, collegiality, and a strong global perspective. He/she should demonstrate the ability to contribute effectively in the department’s teaching missions at both professional and graduate levels.

Screening of applicants will begin October 15, 2008. The application must include a letter of interest; curriculum vitae; statements of research goals and teaching interests; as well as the names, email addresses, and contact information for three references. Send applications to: Ms. Paula Marley, Principal Assistant, Dept. of Pharmaceutical Sciences, College of Pharmacy, Washington State University, Pullman, WA 99164-6534; bbr@wsu.edu. Phone: (509) 335-5545; Fax: (509) 335-5902. Applications should be mailed or emailed as PDF documents.

EOAA/ADA
FACULTY POSITION in CELL BIOLOGY

The Department of Cell Biology at the University of Virginia invites applications for a tenure-track faculty position at the Assistant Professor level; however highly accomplished applicants at the Associate Professor, or Full Professor level will also be considered.

We seek outstanding scientists who are studying important problems in the general areas of cell biology, developmental biology, and morphogenesis. Problems of interest include, but are not limited to: the structural and dynamic organization of cells and tissues; morphogenetic movements of cells and tissues; the regulation of cell polarity, division and growth in tissues; organismal aspects; stem cell biology; and evo-devo.

We are interested in a wide variety of experimental approaches and model organisms, either vertebrate or invertebrate.

In addition to complementing the outstanding research strengths in the Cell Biology Department (www.virginia.edu/cellbiology/), candidates will have excellent opportunities to interact with outstanding faculty and students in numerous other biomedical sciences departments at the University. The position also involves participation in medical and/or graduate teaching programs. Junior level candidates are expected to possess an exceptional record of research accomplishment based on publications and national recognition, as well as exciting plans for future work.

We seek cooperative scientific leaders who will broaden and strengthen the research environment both in the Cell Biology Department and in related research and teaching activities across the University. Interested applicants should submit a current curriculum vitae, statement of research interests and accomplishments, and the names, addresses, e-mails and telephone numbers of three references to: Dr. Barry M. Gumbiner, Chair, C/O Linda Langman, Dept. of Cell Biology, UVA School of Medicine, P.O. Box 800732, Charlottesville, VA 22908-0732 or lawf@virginia.edu. Review of applications will begin November 1, 2008, and candidates are strongly encouraged to submit full applications by that time. Position open until filled.

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

Department of Chemistry and Molecular Biology
North Dakota State University
Faculty Position in Biochemistry/Molecular Biology

The Department of Chemistry and Molecular Biology (www.ndsu.edu/chemistry) is seeking outstanding applicants for a tenure-track faculty (rank open) in broad aspects of biochemistry/molecular biology. Applicants with research interests in proteomics, metabolomics, glycobiology, and lipid biochemistry with cancer as a disease focus will be given priority.

The department has excellent modern facilities with an annual research expenditure exceeding $3 million. Since 2001, faculty from the department have spearheaded a nationally competitive Center of Biomedical Research Excellence (www.ndsu.edu/cpr). The center has recently secured five additional years of NIH support and its scientific goals are focused on human health disorders, including cancer and asthma. The center has state-of-the-art Biology and Synthetic Chemistry Core Facilities. The candidate is expected to maintain a vigorous NIH supported research program and participate in the educational mission of the department by teaching graduate and undergraduate students. The department offers M.S. and Ph.D. degrees in both Chemistry and Biochemistry/Molecular Biology.

The candidate should have a Ph.D. or M.D./Ph.D. degree in chemistry, biochemistry, molecular biology, or a related field. A demonstrated potential to establish a nationally competitive research program is required. Applicants must be able to communicate effectively in spoken and written English. This position will have a competitive start-up package and salary will be commensurate with experience. Review of applications will begin November 15, 2008 and will continue until filled. Qualified applicants should apply online at jobs.ndsu.edu: you must include a cover letter, statement of research interests, statement of teaching philosophy, curriculum vitae. Arrange to have three letters of reference sent to:

Mukund Sibi, Ph.D.
Department of Chemistry and Molecular Biology
North Dakota State University – Dept 2735
1231 Albrecht Boulevard
PO Box 6050
Fargo ND 58108-6050

Email inquiries may be sent to rose.nichols@ndsu.edu.

North Dakota State University is an Equal Opportunity Institution.

FACULTY POSITIONS

HARVARD MEDICAL SCHOOL
NEW ENGLAND PRIMATE RESEARCH CENTER
INSTRUCTOR INITIATIVE

The New England Primate Research Center (NEPRC) announces a new research initiative aimed at facilitating the career growth of outstanding young scientists in the areas of infectious disease and neuroscience research. Individuals with expertise in new and emerging technologies applied to the fields of stem cell biology, genetics/genomics, bio-imaging, and microbial pathogenesis are especially encouraged to apply. Appointments will be made at the faculty rank of Instructor. Applicants must have a doctoral degree in an appropriate discipline, postdoctoral/professional experience, and evidence of outstanding research potential. Successful candidates will develop their own independent research programs with guidance and mentorship from senior investigators in one of NEPRC’s four research divisions: Immunology, Microbiology, Neuroscience, and Medicine/Pathology. Appointees will receive a 3-year financial award to cover salary and defray research costs. Instructors also are eligible for additional intramural funding through the NEPRC Pilot Research Program for Early Career Investigators and are encouraged to compete for extramural funding through conventional grant mechanisms.

Successful candidates will be appointed in an appropriate department of Harvard Medical School and will be expected to complement the Center’s existing programs and expertise in nonhuman primate models of disease. NEPRC is located on the Southborough Campus of Harvard University, with convenient access to both Boston and Worcester, Massachusetts. Additional information about the Center can be found at our web site: www.hms.harvard.edu/neprc.

Applications should be addressed to the Instructor Initiative Search Committee, Harvard Medical School, New England Primate Research Center, P.O. Box 9102, Southborough, MA 01772-9102. Applications should include their curriculum vitae, summary of past accomplishments and future plans, and the names and contact information for at least three references. Electronic submissions as pdf files are encouraged and should be sent to: nepr_instructor@hms.harvard.edu. Applications will be accepted until the positions are filled.

Harvard Medical School and the New England Primate Research Center are Equal Opportunity Employers, committed to diversity in the workplace.

Purdue University

Faculty Positions
College of Science

As part of its strategic plan, the College of Science at Purdue is hiring faculty in several exciting areas, including core hires with the departments and interdisciplinary hires in thrust areas identified by the College. All hires will have a departmental home in one of the college’s seven departments:

- Biological Sciences
- Chemistry
- Computer Science
- Earth and Atmospheric Sciences
- Mathematics
- Physics
- Statistics

Multidisciplinary hires may be joint between departments or with other colleges. Links to these departments and the application sites can be found on the College of Science hiring page: http://www.science.purdue.edu/hiring/

A Ph.D. in a field related to the position sought is required. The successful candidates will teach courses and conduct research in their area of specialty. Applications from outstanding candidates in all areas will be considered.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse work force.
Hopkins Marine Station
Department of Biology
Marine Cell Biology

The Hopkins Marine Station, a division of the Department of Biology of Stanford University, invites applications for a tenure-track faculty position as Assistant Professor with a research and teaching specialization in the area of cell biology of marine organisms. Areas of interest include but are not limited to biogeochemistry, cell motility, cell signaling, development, photosynthesis, stress responses, and symbiosis. Research conducted on any marine organism, including Eukaryotes, Bacteria and Archaea, is welcome. Research and teaching will be based at the Hopkins Marine Station in Pacific Grove, CA. Applicants are expected to develop a vigorous research program and to participate in undergraduate, graduate, and postdoctoral education and training. For information about Hopkins Marine Station consult our web page: http://hopkins.stanford.edu.

Applicants are requested to provide a cover letter, a curriculum vitae including list of publications, a statement of research accomplishments and future research plans, a description of teaching experience and aspirations, and the names and contact information of three persons whom we can contact for letters of recommendation. Review of applications will begin on October 15, 2008 and continue until the position is filled. The appointment is anticipated to begin September 1, 2009. Interested candidates should apply online at AcademicJobsOnline.Org.

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 mission.

The Department of Chemistry and Biochemistry at Texas State University - San Marcos (http://www.txstate.edu/chemistry/) seeks to fill a tenure-track position to begin in the Fall of 2009 at the assistant/associate/full professor level in the area of materials chemistry for our interdisciplinary Material Science and Engineering Program. A doctoral degree in chemistry or related subject area with research and educational expertise in materials chemistry is required. The candidate will be expected to establish an active externally funded research program at Texas State in an area complementary to the current research programs. The successful candidate will have undergraduate and graduate teaching responsibilities, including development of courses in support of plans for a Ph.D. program in material science.

Applicants are requested to submit a CV, a summary of research plans, a short description of teaching philosophy, unofficial undergraduate and graduate transcripts to be sent as a single pdf file to: MSECH@txstate.edu. In order to assure full consideration, the application must be received by October 15, 2008.

Texas State University - San Marcos is located in the burgeoning Austin-San Antonio corridor in the edge of the hill country and is the largest campus in the Texas State System with more than 28,000 students. The Department of Chemistry and Biochemistry currently has 17 faculty, 30 Masters students, and 300 majors who are strongly encouraged to participate in research.

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

The Ecology and Evolutionary Biology Department of the University of California, Santa Cruz invites applications for a tenure track position in comparative vertebrate physiology. Individuals whose research and teaching focus on any combination of animal physiology, physiological ecology, environmental physiology or physiological aspects of functional morphology are encouraged to apply. We are particularly interested in individuals with an interest in issues related to marine vertebrates, who will utilize the excellent facilities available at Long Marine Laboratory, and who can take advantage of the diverse marine fauna of Monterey Bay. The successful candidate is expected to develop a strong research program, and to supervise graduate students, as well as teach undergraduate and graduate level courses in physiology or functional biology in the department. Successful candidate will be expected to interact closely with students and other faculty and as such, contribute to the diversity and excellence of the academic community through research, teaching and/or service.

Candidates should send a curriculum vitae, statements of research and teaching and arrange for three letters of reference evaluating the candidate’s scholarly contributions, teaching and other professional accomplishments to: eebrecruit@biology.ucsc.edu or Susan Thuringer, Department of Ecology and Evolutionary Biology, University of California, Santa Cruz, 1156 High Street, Santa Cruz, CA, 95064. Review of applications will begin November 1, 2008. Please refer to position #719-09 in all correspondence. The full ad is available at http://www.eeb.ucsc.edu/

UCSC IS AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER.
FACULTY POSITIONS IN CANCER RESEARCH

The University of Texas MD Anderson Cancer Center, Science Park-Research Division is entering into a new recruitment phase and expanding into new laboratories. Applications are being accepted for two tenure-track positions at the Assistant Professor level, although exceptional candidates may be considered at the Associate Professor level, from individuals with postdoctoral or independent research experience and strong publication records. Research at Science Park focuses on cellular and molecular mechanisms involved in carcinogenesis and mechanism driven cancer prevention. Preference will be given to candidates interested in working in a highly collaborative, interdisciplinary environment with interests complementing those of departmental faculty. MD Anderson offers an outstanding research environment and a highly competitive recruitment package is available. The successful candidate will be expected to develop and maintain a world-class externally funded research program and to participate in graduate student training. Required qualifications include a PhD and/or MD and demonstrated scholarly research experience.

Interested candidates should submit a statement of research interests, CV and contact information for 3 references to: Susan M. Fischer, Ph.D., Department of Carcinogenesis Chair, Search Committee, at mfischer@mdanderson.org

Application deadline: December 15, 2008

Packages will be reviewed as they are received.

Information about Science Park can be found at:
http://sciencepark.mdanderson.org/

M. D. Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status except where such distinction is required by law. All positions at The University of Texas M. D. Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free environment.

Building teams
Building upon strength
Building energy’s future

The University of Michigan is making a significant, aggressive and strategic commitment to hire junior tenure-track faculty to build cluster teams charged with one of the nation’s – and the world’s – most pressing challenges: ENERGY

Five positions in energy storage.
Three positions in social science and energy.

www.energy.umich.edu
UNIVERSITY OF MICHIGAN FACULTY POSITIONS IN MOLECULAR, CELLULAR, AND DEVELOPMENTAL BIOLOGY

The Department of Molecular, Cellular, and Developmental Biology in the College of Literature, Science and the Arts at the University of Michigan solicits applications for anticipated faculty positions. We are open to considering outstanding biologists in any area of research that fits with the mission of the Department, which includes genetic, physiological and biochemical studies of model organisms (plants, animals, and microbes). For further information about specific areas of interest, please see our web page (www.medb.lsa.umich.edu).

We anticipate hiring at the assistant professor level, but appointment at a more senior level is possible for applicants with suitable experience. The position(s) will be tenured or tenure-track with a university year appointment. Successful candidates will be expected to establish a vigorous, extramurally funded research program and to be involved in instruction of both undergraduate and graduate students.

To apply, candidates should submit via email to medb-search@umich.edu the following materials: a cover letter, a curriculum vitae, copies of three reprints, a brief summary of recent research accomplishments, a statement of future research plans, and a statement of teaching interests and philosophy. Please indicate in the cover letter your area of research interest. Senior candidates should also provide evidence of teaching excellence. Candidates for appointment as an assistant professor should arrange to have at least three letters of reference sent immediately to the above email address. To ensure full consideration, all materials should be received by October 17, 2008.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

THE FACULTY OF BIOLOGY AND MEDICINE OF THE UNIVERSITY OF LAUSANNE, SWITZERLAND INVITES APPLICATIONS FOR THE FOLLOWING POSITIONS

Professor or Senior Scientist (Group Leader)
Head of the Cancer Cytogenetics Laboratory within the Medical Genetics Service
Associate Professor in the Department of Biochemistry
Assistant Professor in the Department of Biochemistry
Senior Scientist (Group Leader) in the Department of Biochemistry
Assistant Professor in the Department of Pharmacology and Toxicology
Tenure-Track Assistant Professor or Associate Professor in fundamental Virology

Detailed advertisements, contact persons, job descriptions, guides and useful documents to the attention of foreigners wishing to live and work in Switzerland are available on the Web at the address www.unil.ch/fbm/page2295.html.

BIOCHEMISTRY FACULTY POSITION

The Department of Molecular and Cellular Biochemistry at the University of Kentucky College of Medicine invites applications for a tenure track faculty position at the Assistant Professor level. Successful candidates must possess a Ph.D., M.D. or equivalent degree. We welcome all qualified applicants, particularly individuals focusing on, but not limited to, the areas of diabetes, cardiovascular disease, neuroscience, and cancer research.

The successful candidate will benefit from a stimulating and collaborative environment within the department and a strong graduate program. Competitive start-up funds, salaries, state-of-the-art facilities and appropriate space will be offered in a new 185,000 ft² research building.

Evaluation of applicants will begin November 2008. Applicants should forward a cover letter indicating their area of expertise, curriculum vitae, a description of current and future research plans, and three letters of reference to: laprest0@uky.edu or to

MCB Faculty Search Committee
741 South Limestone St.
Lexington, KY 40536-0509

For further information about the Department, visit: www.mc.uky.edu/biochemistry

The University of Kentucky is an equal opportunity employer and encourages applications from minorities and women.
Tufts University, Department of Biomedical Engineering – seeks candidates for a junior tenure-track faculty position at the Assistant or Associate level, with rank determined by experience and accomplishments. Truly exceptional senior candidates may also be considered. Preference will be given to candidates whose research interests involve regenerative medicine, but all areas of biomedical engineering will be considered. The successful candidate will join an active Department that offers B.S., M.E., M.S. and Ph.D. programs, and thus must demonstrate the potential to develop an outstanding, internationally recognized research program, excel in teaching, and develop strong interschool collaborations. Teaching responsibilities include graduate and undergraduate courses. A Doctorate is required and postdoctoral experience is desirable. Additional information about the department can be found at ase.tufts.edu/biomedical/. Interested applicants should send their Curriculum Vitae, cover letter, research plan, and names of three references to: Faculty Search Committee, Department of Biomedical Engineering, Tufts University, 4 Colby Street, Medford, MA 02155. Evaluation of candidates will begin at the end of October 2008 and continue until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty. Applications from women and members of underrepresented groups are strongly encouraged.

Tenure Track Faculty Positions in Neural Engineering

Washington University in St. Louis invites applications for tenure-track faculty positions at any level in the fields related to Neural Engineering. We are seeking candidates with a doctoral degree in bioengineering, medicine, neurosciences, and allied fields, who have exceptionally strong expertise and interest in basic and applied research in neuroprostheses/brain computer interfaces or neurocomputation/signal processing.

We are seeking to enhance our critical mass with a cluster of new faculty having shared interests in these multidisciplinary areas. Successful applicants may have primary and/or joint appointments in the following participating departments: Anatomy and Neurobiology, Neurology, Neurosurgery or Radiology in the Washington University School of Medicine or in Biomedical Engineering or Computer Science and Engineering in the School of Engineering. All will be expected to establish extensive research collaborations with other researchers working in similar areas at the University.

Distinguished, senior level applicants are expected to have an outstanding record of educational and research accomplishments. Successful applicants at the junior level will be expected to establish an independent research program with extramural funding. We expect all successful candidates to also make substantial contributions to teaching at the undergraduate and graduate levels.

Applications should include a curriculum vitae, statement of ongoing and future research goals, teaching goals, and contact information of at least three references. Email applications, in a single file, are preferred (yin@biomed.wustl.edu). Mailed applications may also be sent to: Neural Engineering Search Committee; c/o Frank Yin, MD,PhD; Box 1097; Department of Biomedical Engineering; One Brookings Drive, St. Louis, MO, 63130. Preference will be given to applications received by December 31, 2008.

Ecosystem Ecologist Position

The Department of Plant Biology at the University of Vermont is seeking applications for an ecosystem ecologist to join a diverse interdisciplinary group of scholars. The position is for a tenure-track assistant professor, beginning in the fall of 2009. The successful candidate will be expected to implement a productive research program, consistently attract extramural funding, and develop a record of strong teaching ability. Teaching will be in an area of the candidate’s expertise as well as in basic environmental studies courses. A Ph.D. is required, and postdoctoral experience is preferred. Preference will be given to candidates whose research addresses the effects of global change on ecosystem processes.

Review of applications will begin on October 1, 2008, and will continue until the position is filled. Questions regarding the position may be directed to: Brian.Beachage@uvm.edu. Applicants should apply online at www.uvmjobs.com (#032494). A letter of application, curriculum vitae, and a statement of interests and vision regarding teaching and research should all be attached electronically to the online application. In addition, applicants should request that three letters of reference be sent to:

Dr. Brian Beachage, Ecosystem Ecologist
Search Committee Chair
Department of Plant Biology
Marsh Life Science Building
University of Vermont
Burlington, VT 05405-0086

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. Applications from women and people of diverse racial, ethnic and cultural backgrounds are encouraged.

FACULTY POSITION

Yale University
DEPARTMENT OF MOLECULAR BIOPHYSICS AND BIOCHEMISTRY

The Department of Molecular Biophysics and Biochemistry seeks applications for tenure-track junior faculty in the fields of biophysics, biochemistry, molecular biology, or molecular genetics. Our department uses tools ranging from structural biology to genetics to understand current biological problems in terms of molecular interactions, structures and chemistry. In addition to establishing an innovative and interactive research program, new faculty will engage in the teaching and training of undergraduates, graduate students and medical students, as the department is located in both the Faculty of Arts and Sciences and the School of Medicine. More information on the department is available at: http://www.mbb.yale.edu/

Applications should include curriculum vitae, a statement of research interests, no more than three selected reprints or preprints and the names of three individuals whom you have asked to send letters of reference. Applications and reference letters should be sent to:

Faculty Search Committee
Department of Molecular Biophysics and Biochemistry
Yale University
260 Whitney Avenue, P.O. Box 208114
New Haven, CT 06520-8114
Telephone: (203) 432-5593.

Application deadline: October 30, 2008

Yale University is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented minority groups are especially encouraged to apply.
The Department of Biology invites applications for two tenure-track faculty positions: Genetics, and Biosensors beginning August 2009.

**Position 1:** The Department of Biology seeks to hire a **Geneticist** at the Assistant Professor level. Areas of specialization may include population genetics, molecular evolution, computational genetics/bioinformatics, behavioral genetics and/or statistical genetics. The successful candidate will instruct an introductory undergraduate course in genetics with laboratory and develop undergraduate courses in their area of specialization. Preference will be given to candidates with the ability to instruct a graduate course on biological statistics.

**Position 2:** The Department of Biology seeks to hire a **Biosensor Biologist** at the Assistant/Associate Professor level. The research program will emphasize the development and/or use of biosensor technology. The area of specialization is open including sensors for early detection, monitoring, and analysis of chemical and biological entities, and their associated mechanistic understanding. Scientists and engineers at UD are involved in interdisciplinary biosensor research with the Nanoscale Engineering Science and Technology Laboratory (NEST). The candidate will instruct an undergraduate course and an advanced undergraduate or graduate course in their area of specialization (sensory biology, neurobiology, physiology, microbiology, cell biology, signal transduction).

**Requirements:** Ph.D., post-doctoral experience and a commitment to excellence in research and teaching. The successful candidates will develop an extramurally funded research program involving undergraduate, M.S. and Ph.D. students. Faculty are expected to mentor graduate and undergraduate research and serve as an academic advisor to undergraduates. Preference will be given to individuals with experience advising and teaching students from diverse backgrounds.

Send a cover letter, curriculum vitae, selected reprints, and three letters of recommendation. Include a statement of research interest and teaching interest/philosophy. E-mail to GeneticsSearch@notes.udayton.edu, and BiosensorSearch@notes.udayton.edu or hard copy to: Dr. P. Kelly Williams, Chair of Search Committee, Department of Biology, University of Dayton, 300 College Park, Dayton, OH 45469-2320. Graduate transcripts will be required prior to interviewing. Apply by December 1, 2008. On-campus interviews in early 2009. The search will continue until the positions are filled.

The University of Dayton is a private comprehensive research University located in the Columbus-Dayton-Cincinnati metropolis. Please visit our website: [http://biology.udayton.edu](http://biology.udayton.edu). The University of Dayton has received a National Science Foundation ADVANCE grant designed to promote the advancement and representation of women in academics to create a more diverse science workforce.

The University of Dayton, a Comprehensive Catholic University founded by the Society of Mary in 1850, is an Affirmative Action/Equal Opportunity Employer. Women, minorities, individuals with disabilities, and veterans are strongly encouraged to apply. The University of Dayton is firmly committed to the principle of diversity.
FACULTY POSITIONS

HARVARD UNIVERSITY
DEPARTMENT OF ORGANISMIC AND EVOLUTIONARY BIOLOGY
CENTER FOR BRAIN SCIENCE
FACULTY POSITION

The Department of Organismic and Evolutionary Biology and the Center for Brain Science at Harvard University are seeking a tenure-track Assistant Professor in the area of animal behavior, behavioral genetics, and neuroethology. We are especially interested in individuals who conduct rigorous tests of general problems in behavior using genomic and neurobiological approaches, especially as applied to non-traditional models.

As a member of the Center for Brain Science, the successful candidate will have opportunities to interact with faculty from other departments in the Faculty of Arts and Sciences and Harvard Medical School. Aims of the Center include mapping neural circuits that underlie experimentally accessible behaviors in diverse species, and elucidating the biological bases of individual differences in behavior. The Center fosters interactions across disciplinary boundaries. Faculty from several academic departments are housed in common research space, contiguous with that of the Department of Organismic and Evolutionary Biology.

Candidates should have demonstrated excellence in both research and teaching. Teaching opportunities will include offerings at both undergraduate and graduate levels. Applications from, or nominations of, women and minority candidates are encouraged. Questions regarding the position can be addressed to Joshua R. Sanes, Center for Brain Science, Harvard University, 52 Oxford St., Cambridge, MA 02138 (sanesj@mcb.harvard.edu) or Naomi E. Pierce, Department of Organismic and Evolutionary Biology, 26 Oxford St., Cambridge, MA 02138 (npierce@oeb.harvard.edu).

To apply, please send a cover letter, curriculum vitae, and statements of research and teaching interests, and arrange for submission of 3 letters of recommendation. Application materials should be emailed to: cbs@fas.harvard.edu. Review of applications and nominations will begin December 1, 2008. Further information about the Department of Organismic and Evolutionary Biology and the Center for Brain Science is available at their respective websites: http://www.oeb.harvard.edu, and http://cbs.fas.harvard.edu.

Harvard University is an Affirmative Action/Equal Opportunity Employer.

HARVARD UNIVERSITY
CENTER FOR BRAIN SCIENCE
FACULTY POSITION

The Center for Brain Science is seeking an Assistant Professor in the area of animal behavioral genetics and neurobiology, broadly construed. We are particularly interested in candidates whose research programs are driven by behavioral and psychological questions, and who explore neural and genetic mechanisms using innovative techniques. Potential research areas include, but are not limited to, spatial knowledge and navigation, decision-making, social relationships, and psychopathology. Successful candidates will hold an academic appointment in a participating department, such as Psychology or Molecular and Cellular Biology.

Harvard University has created the Center for Brain Science to bring together scientists involved in research on systems neuroscience. Our aims include mapping neural circuits that underlie experimentally accessible behaviors in diverse species, and elucidating the biological bases of individual differences in behavior. CBS fosters interactions across disciplinary boundaries: faculty from several academic departments will be housed in common research space, and its connections reach out across the University.

Candidates should have demonstrated a promise of excellence in both research and teaching. Teaching duties will include offerings at both undergraduate and graduate levels. Applications are due by 1 December 2008. Please send a cover letter, curriculum vitae, and 2 to 4 page research plan, and arrange for submission of 3 letters of recommendation. Application materials can be submitted electronically by emailing cbs@fas.harvard.edu, or by sending mail to: Joshua R. Sanes, Center for Brain Science Search Committee, Harvard University, 52 Oxford St., Cambridge, MA 02138.

Harvard University is an Affirmative Action/Equal Opportunity Employer. Applications from, or nominations of, women and minority candidates are encouraged.

FACULTY POSITIONS

City of Hope
Assistant/Associate Professor

The Division of Translational Vaccine Research invites applications for a tenure-track faculty position in vaccine research as it relates to cancer in either mouse models or human investigations. Applicants with proven accomplishments demonstrated by peer-reviewed publications in the areas of vaccine development, or immunologic affects of tumor microenvironment in either mouse models or a clinical focus, are encouraged to apply. Applicants must be qualified for Cancer Center membership, while effectively developing an extramurally funded translational research program in cancer. Interaction among other members of the division is facilitated by an open floor-plan laboratory with dedicated space for the successful candidate. A competitive start-up package including faculty salary and research support is negotiable and commensurate with experience.

A Ph.D. or M.D. is required for this position as well as a fluency in spoken and written English. Qualified applicants should submit a statement of research interests, experience, current curriculum vitae, and names/addresses of three references to:

Vaccine Research Faculty Search Committee
c/o Ms. Kim Lu
Office of Faculty and Institutional Support
City of Hope
1500 E Duarte Road
Duarte, CA 91010.
E-mail: facultyrecruit@coh.org

City of Hope, a non-profit research and educational institution, and an NCI-designated Comprehensive Cancer Center, is located 25 miles northeast of Los Angeles. City of Hope offers a competitive salary and benefits package.

EOE.

FACULTY POSITIONS

The Ohio State University Medical Center
Department of Physiology and Cell Biology
Tenure Track Faculty Position

The Department of Physiology and Cell Biology at The Ohio State University invites applications for a tenure track appointment at the Assistant Professor level in cardiovascular cell and molecular physiology. We are especially seeking individuals performing cutting-edge research focused on cellular signaling pathways relevant to cardiac development, hypertrophy and heart failure. The appointment is to complement existing strengths in Cardiac Calcium homeostasis and muscle physiology. Exceptional candidates in any area of cell signaling will also be considered. The successful candidate will have an established externally funded research program or the ability to establish one. Faculty will also have the opportunity to collaborate with scientists in the Davis Heart and Lung Research Institute and other established research centers. Faculty will be expected to participate in the Departmental teaching activities as appropriate.

Letters of application should clearly outline teaching and research interests along with Curriculum Vitae and a list of references. Please apply for this position to: Muthu Periasamy, Ph.D., Chair, Dept. Physiology and Cell Biology, The Ohio State University, 304 Hamilton Hall, Columbus, OH 43210-1218. periasamy.1@osu.edu. See departmental website: www.medicine.osu.edu/physiology.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer.
Penn State University Department of Biology

The Department of Biology at The Pennsylvania State University invites applications for faculty positions open at all professorial ranks in plant biology, neurobiology, and evolutionary genomics and bioinformatics. Prospective candidates should have a strong record of research accomplishments, ability to secure extramural grants, and a commitment for teaching. Candidates should email a letter of application, curriculum vitae, research prospectus, statement of teaching interests, and names and contact information of at least three references, all as a single PDF document to the appropriate search committee listed below. Publications and manuscripts (not more than three) may also be submitted as separate PDF documents along with the application. Review of completed applications will begin October 15, 2008.

Plant Biology - Penn State is an international center for plant biology research, with particular emphasis in cell biology, development, genomics, ecology, and evolution. Penn State has an outstanding interdisciplinary plant biology graduate program (http://www.huck.psu.edu/education/plant-biology), excellent plant growth facilities, and a number of core resources that provide research support (http://www.huck.psu.edu/facilities), including bioimaging, molecular biology, genomics, and proteomics. Interactive plant biologists are sought with demonstrated excellence in areas that include, but are not limited to, cell biology, development, biochemistry, genetics, and genomics. Email application materials as described above to plantjobs@bio.psu.edu.

Neurobiology - The Penn State Neuroscience Institute includes over 100 faculty whose interests span the full breadth of neuroscience from systems to molecular neurobiology. State-of-the-art imaging and animal facilities support neuroscience research at Penn State. Applicants in all areas of neurobiology will be considered with emphasis on molecular, cellular, and developmental neurobiology addressing important questions in synaptic transmission and plasticity, learning and memory, and brain development. Email application materials as described above to neurojobs@bio.psu.edu.

Evolutionary Genomics and Bioinformatics - Penn State is home to a highly successful and interactive research community in evolutionary genetics, genomics, and bioinformatics. Among the institutes and centers supporting research are the Institute of Molecular Evolutionary Genetics, the Center for Comparative Genomics and Bioinformatics, and the Institute for Genomics, Proteomics and Bioinformatics. We seek candidates at all faculty ranks to strengthen our focus in all aspects of evolutionary genomics and bioinformatics. Email application materials as described above to evogen@bio.psu.edu.

Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.

We invite applications for Assistant or Associate Professor faculty position(s) in the areas of molecular genetics or genomics, broadly defined. We are especially interested in applicants who see large-scale genomics as a biological and technological challenge. Successful candidates will be expected to establish a vigorous, innovative and independent research program and participate in teaching. They will join a highly interactive, interdisciplinary group of faculty (http://www.uchsc.edu/sm/bbg/n), students, and fellows, and enjoy access to state-of-the art equipment and facilities on our new Medical School campus. Candidates must hold the PhD (or equivalent) degree and have a strong record of research accomplishments.

Applicants should apply through the electronic job application website at the University of Colorado: www.jobsatcu.com. The preferred browser is Internet Explorer.

Quicklink for Posting: www.jobsatcu.com/applicants/central?quickFind=56533

Applicants must include a cover letter, CV, a brief description of research accomplishments and future plans, and names of at least three references.

Review of applications will begin December 1, 2008, and continue until position is filled.
**Aquaculture**

The Southern Illinois University Carbondale Department of Zoology invites applications for a 12-month, Assistant/Associate Professor tenure-track position in Aquaculture with 75% research in the Fisheries and Illinois Aquaculture Center and 25% teaching in Zoology. The department seeks an aquaculturist with expertise and interest in regional, national, and/or international research associated with fish husbandry, aquaculture production, and innovative culture-system development. In addition to establishing a record of research and related scholarly activities that complement existing expertise in aquaculture, physiology, immunology, fisheries management, aquatic ecology, toxicology, genetics, and ichthyology, the successful candidate will be responsible for overseeing the activities of a large (40-ha) research pond facility. Modern research facilities and start-up funds are available. The successful candidate will be expected to develop an externally funded research program, supervise M.S. and Ph.D. students, and teach Aquaculture plus another undergraduate/graduate course in his specialty. Candidates must have a Ph.D. in an appropriate field with a record of peer-reviewed publications and scholarly accomplishments commensurate with experience, and demonstrated grant success or strong evidence of potential. Applicants should have demonstrated skills in experimental design and statistical analyses. Preference will be given to candidates with post-doctoral research and teaching experience as well as membership in the American Fisheries Society or World Aquaculture Society.

Applicants should send their curriculum vitae, statement of teaching and research interests and plans, copies of transcripts from all institutions attended, representative reprints, and have four (4) letters of reference sent to: Aquaculture Search Committee Chair, Dr. James E. Garvey, Fisheries and Illinois Aquaculture Center, Mail Code 6511, Southern Illinois University Carbondale, 1125 Lincoln Drive, Carbondale, IL 62901 (fax: 618-453-6095). Review of applications will begin on 1 November 2008 and continue until the position is filled. Information about the department, university, and center can be found at [http://www.zoology.siu.edu](http://www.zoology.siu.edu) and [http://fisheires.siu.edu](http://fisheires.siu.edu). E-mail inquiries (not applications) should be directed to jgarvey@siu.edu.

SIUC is an Affirmative Action/Equal Opportunity Employer that strives to attract and encourage and will receive consideration.

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**Faculty Positions in Chromosome, Cell Cycle, and Cancer Biology**

Gary J. Gorbsky, Ph.D., Program Chair

The newly formed Cell Cycle and Cancer Biology (CCCB) Program at the Oklahoma Medical Research Foundation (OMRF) invites candidates to apply for two investigator positions. Our goal is to recruit scientists at the Assistant Member level (Assistant Professor equivalent) but talented candidates at all levels will be considered. Candidates must have completed postdoctoral training with a strong record of research accomplishment. Successful candidates will be expected to establish a research program that directly addresses questions in chromosome biology, cell division, or genome stability. Candidates using vertebrate models are of particular interest, but the quality and research potential of the applicant, rather than the precise research topic are of paramount importance. CCCB investigators have access to a number of excellent OMRF core facilities, including an Imaging Core and state-of-the-art mouse facilities. Successful candidates will receive a generous, multi-year start-up package with significant, sustained, salary and research support. OMRF (omrf.org) is an independent, not-for-profit biomedical research institute adjacent to the campus of the University of Oklahoma Health Sciences Center (OUHSC) in Oklahoma City. OMRF investigators enjoy close scientific interactions with OUHSC faculty and participate in OUHSC graduate programs. For more information about CCCB and these job openings, go to [http://www.omrf.org/OMRF/Research/06a/Welcome.asp](http://www.omrf.org/OMRF/Research/06a/Welcome.asp).

To apply, please send a CV, a concise future research plan, up to three recent publications, and have three reference letters sent to: omrfcareers-dd@omrf.org. Review of applications will begin immediately and continue until the positions are filled. Preliminary, confidential inquiries may be addressed to Dr. Dean Dawson at: dawsond@omrf.org. We offer attractive salaries and comprehensive benefits package. Visit [www.omrf.org](http://www.omrf.org) for more information on this position and others.

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**Yale University School of Medicine: Interdepartmental CNNR Program**

**Cellular Neuroscience, Neurodegeneration, and Repair**

**Facility Position**

The Yale Program for Cellular Neuroscience, Neurodegeneration, and Repair (CNNR) is searching for a neuroscientist whose research program relies heavily on biophysical methods, primarily electrophysiology, to the study of neuronal function. The successful applicant will receive a primary appointment in one of the basic science departments of the Yale School of Medicine and will be an active member of that department.

The Program emphasizes molecular, genetic and biophysical approaches to expand knowledge of neuron-specific aspects of cell function and fosters interactions across disciplinary boundaries. See our website [http://info.med.yale.edu/cnnr](http://info.med.yale.edu/cnnr).

Applications from, or nominations of, women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.

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**Yale University School of Medicine: Interdepartmental CNNR Program**

**Cellular Neuroscience, Neurodegeneration, and Repair**

**Facility Position**

The Yale Program for Cellular Neuroscience, Neurodegeneration, and Repair (CNNR) is searching for a neuroscientist involved in Neurodegeneration and Neural Repair research. Highest priority will be placed on applications from those exploring the mechanisms of Alzheimer’s Disease. The successful applicant will receive a primary appointment in one of the departments of the Yale School of Medicine and will be an active member of that department.

The overall goals of the CNNR Program are to:

(a) understand neuron-specific aspects of cell function,
(b) elucidate the cellular pathophysiology of neurodegeneration and (c) translate this knowledge in an investigator capable of repairing the nervous system and improving neuronal function in disease.

The Program emphasizes molecular and cellular approaches and fosters interactions across disciplinary boundaries. See our website [http://info.med.yale.edu/cnnr](http://info.med.yale.edu/cnnr).

Applications from, or nominations of, women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.
Faculty Position
Linde Center . Global Environmental Science . Caltech

Following the endowment of the Ronald and Maxine Linde Center for Global Environmental Science, the California Institute of Technology invites applications for faculty positions in Environmental Science and Engineering, with a focus on climate science. Terms of the initial appointment as assistant professor are four years and contingent upon completion of the Ph.D. Exceptionally qualified applicants may also be considered at the associate or full professor level.

Our focus is on candidates who have an outstanding research record and a strong commitment to teaching. We have the opportunity to make more than one appointment; areas of interest include (but are not limited to):

- Physical Oceanography
- Glaciology and Sea Ice Dynamics
- Cloud Physics and Dynamics
- Global-Scale Biogeochemistry

Please visit www.ese.caltech.edu/climate for instructions on how to apply. For information about the Linde Center, visit www.lindecenter.caltech.edu.

CALIFORNIA INSTITUTE OF TECHNOLOGY
Linde Center for Global Environmental Science
Caltech is an Equal-Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

FACULTY POSITION: MICROBIAL BIOLOGY

The Department of Biology at Occidental College invites applications for a tenure track faculty position in Microbial Biology at the assistant professor level. Applicants should have a strong commitment to educating undergraduates through teaching and research. The successful candidate is expected to develop a rigorous research program involving undergraduates. Faculty members are expected to participate in teaching introductory and intermediate level biology courses and to develop an upper level course in the area of specialty. Many opportunities exist for faculty to participate in interdisciplinary programs such as Biochemistry, Cognitive Science, the Core Program, Psychobiology, or Women’s Studies. Faculty are expected to participate in the College Core program, either by teaching introductory science classes or teaching interdisciplinary core classes. Occidental is a nationally ranked small liberal arts college with excellent research and teaching facilities, located in Los Angeles, near Caltech and other research institutions. The College’s location allows for outstanding opportunities for access to marine and terrestrial research facilities, and for collaborating with colleagues at research institutions in the Los Angeles area. Occidental is nationally recognized for its broadly diverse student body, and for its outstanding undergraduate research program. For more information on Occidental College, please visit our web site at www.oxy.edu.

Applicants should submit the following materials to: microbiologysearch@oxy.edu. A complete application will include: a letter of interest demonstrating a commitment to academic excellence in a diverse liberal arts environment, curriculum vitae, separate statements of research and teaching interests, and copies of significant publications. Applicants should also have three letters of reference sent to the same address. Inquiries may be addressed to: Dr. Elizabeth Braker, Chair, Biology Department, bbraker@oxy.edu. Review will begin September 30, 2008, and continue until the position is filled.

Occidental College is an Equal Opportunity Employer. The College is committed to academic excellence in a diverse community and supporting interdisciplinary and multicultural academic programs that provide a gifted and diverse group of students with an educational experience that prepares them for leadership in a pluralistic world. Women and minorities are strongly encouraged to apply.

Assistant Professor Positions
Department of Molecular and Cellular Biology
Harvard University

As part of a broad expansion in the Life Sciences at Harvard University, the Department of Molecular and Cellular Biology seeks applications for tenure-track faculty positions. We are particularly interested in candidates who take cell biological or genetic approaches to address fundamental questions in biology. Our department covers a broad range of topics, including cell biology, genetics, molecular biology, developmental biology, neurobiology, molecular evolution, systems biology, biochemistry, and structural biology, and provides access to state of the art animal facilities (mouse, zebrafish, Xenopus, Drosophila) and core facilities (imaging, proteomics, genomics, bioinformatics). The MCB department is closely associated with science initiatives at Harvard such as the Center for Brain Science, the FAS Center for Systems Biology, the Harvard Stem Cell Institute, and the Origins of Life Initiative.

We strongly encourage applications from women and minority candidates. Applications should include: curriculum vitae, reprints of publications, and a statement of present and future research plans (1-3 pages). Complete applications and three letters of recommendation, solicited by the applicant, should be received not later than 3 November 2008.

Submit application to: http://www.mcb.harvard.edu/Jobs/Faculty

For information contact Kimberly Kriz/MCB Search Committee, kkriz@mcb.harvard.edu, Department of Molecular and Cellular Biology, Harvard University.

Harvard is an Affirmative Action/Equal Opportunity Employer.

www.mcb.harvard.edu

Faculty Positions
Yale Stem Cell Center
Yale University School of Medicine

The Yale Stem Cell Center invites applications for faculty positions at the rank of Assistant, Associate, or Full Professor. Rank and tenure will be commensurate with experience. Applicants should have a Ph.D. and/or M.D. degree. Each successful candidate will be expected to develop a vigorous, externally funded research program on fundamental questions related to the biology of embryonic or adult stem cells. Investigators will establish labs in a state-of-the-art new building, will join a vibrant stem cell research community at Yale with over 40 labs working on various aspects of stem cell biology and medicine, and will have opportunities to compete for Connecticut State funding for stem cell research, including research on non-federally approved human embryonic stem cell lines. Investigators will also contribute to teaching graduate and/or medical students as well as shaping stem cell research at Yale.

Applicants should mail a three-page research statement and CV, and arrange to have three reference letters sent to:

Haifan Lin, Ph.D., c/o Madeline Riccio
Director’s Office, Yale Stem Cell Center
P.O. Box 208073, Yale University School of Medicine
New Haven, CT 06520-8073

Application deadline is December 1, 2008. Follow-up inquiries should be sent to: madeline.riccio@yale.edu.

Yale is an Affirmative Action/Equal Opportunity Employer.
ASSISTANT OR ASSOCIATE PROFESSOR
HUMAN GENETICS
DEPARTMENT OF GENETICS
HARVARD MEDICAL SCHOOL

The Department of Genetics invites applicants for a tenure-track position at the level of Assistant or Associate Professor with research interests in human genetics. We are searching for individuals with a strong potential for creative research in any area of human genetics, including— but not limited to---statistical and population genetics. The successful candidate is expected to direct innovative and independent research and to participate in the teaching of graduate and medical students. This position offers significant scholarly and scientific resources as well as the opportunity to interact and collaborate with other human genetics researchers within the diverse Harvard research community. For further information about our Department, please see our Web Page:

http://genetics.med.harvard.edu

Applications should submit electronic copies of curriculum vitae, bibliography, a brief description of research accomplishments and future research interests (limit to 500 words) by October 31, 2008, and ask three references to provide letters of recommendation. These materials should be submitted at:

http://genetics.med.harvard.edu/human_genetics_2008/

If you have any questions you can contact the Department of Genetics at faculty_search@genetics.med.harvard.edu.

We strongly encourage applications from women and minority candidates. Harvard University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR POSITIONS IN NEUROSCIENCE

The Department of Anatomy & Neurobiology announces the availability of TWO tenure-track positions at the ASSISTANT PROFESSOR level. The positions are for individuals with outstanding research programs in translational neuroscience, with an emphasis on mechanisms underlying CNS degenerative and regenerative processes and the development of interventional treatments.

Applications are invited from creative, successful individuals who want to contribute to dynamic, growing research and academic programs within a comprehensive Medical Center. Successful candidates are expected to develop and maintain innovative, nationally recognized research programs. Competitive start-up funds, salaries and state-of-the-art facilities are available. Special consideration will be given to applicants who complement existing departmental strengths and have demonstrated the ability to write competitive grant proposals. Applicants must have a PhD or MD or equivalent degree and should have two years of postdoctoral or other relevant experience.

Interested individuals should send curriculum vitae and a summary of past experience and future research plans to the Search Committee Co-chairs: James E. Halfon and Paul M. Braun. Applications will be accepted until November 30, 2008.

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

FACULTY POSITIONS IN HEPATOBILIARY/PANCREATIC DUCT CANCER RESEARCH

As part of its new major strategic research plan, Virginia Commonwealth University’s School of Medicine in conjunction with the VCU Massey Cancer Center, a NCI-designated cancer center, is seeking applicants for two full-time tenure-track faculty positions at the Assistant, Associate, or Full Professor rank to join an expanding basic and translational research initiative with a focus on the molecular pathology and target-based therapeutics of hepatobiliary and pancreatic duct cancers.

Successful candidates should possess outstanding research credentials that complement and extend our current areas of research strengths, including those focused on model systems of hepatobiliary cancer development and progression, molecular pathology and pathogenesis of cholangiocarcinoma, bile acid signaling and growth factor receptor tyrosine kinases, tumor microenvironment, and target-based cancer therapeutics. Preference will be given to candidates who have transferable NIH-R01 funding or who are likely able to successfully compete for such funding. Selected candidates will also be expected to meet institutional requirements for participating in graduate student and postdoctoral training. Individual faculty appointments will be made in appropriate basic science or clinical departments, with academic rank based on the applicant’s qualifications. Successful candidates will receive a very generous start-up package, together with a competitive salary and excellent research space situated to maximize collaborative interactions. Candidates should have an earned M.D., Ph.D., M.D./Ph.D. and demonstrate research accomplishments in the field of hepatobiliary and/or pancreatic duct cancer.

Interested individuals should submit a curriculum vitae, a summary of research interests and plans, and contact information and e-mail addresses for three professional references to: Dr. Alphonse E. Sirica, Search Committee Chair, Department of Pathology, Virginia Commonwealth University School of Medicine, P.O. Box 980297, Richmond, Virginia 23298-0297 at asirica@mcvh-vcu.edu.

Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.
**ASSISTANT PROFESSOR IN NEUROBIOLOGY**

**Department of Neurobiology**

We are seeking an innovative investigator in the field of neuroscience. Departmental interests range from molecular to systems neuroscience. Candidates must have a Ph.D., M.D., or equivalent degree, as well as postdoctoral experience demonstrating the potential for outstanding future achievement. Qualified women and minority candidates are especially encouraged to apply. The deadline for receipt of applications is November 14, 2008. Applicants should submit a curriculum vitae, a brief summary of current and proposed research, and reprints of 3 key publications. Applications should be uploaded to this URL:

https://academicjobsonline.org/ajo/Duke/Neuro/58.10

Applicants should also arrange for three letters of recommendation to be uploaded to this website.

Duke University is an Equal Opportunity Affirmative Action Employer.

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**FACULTY POSITIONS AT THE ROCKEFELLER UNIVERSITY**

The Rockefeller University seeks exceptional, interactive, and creative scientists to join its faculty. We invite applications from outstanding candidates for tenure-track positions and also encourage tenured Professors to apply, provided that they are early on in their careers.

The Rockefeller University provides strong financial support for the research work of its faculty. The positions offer highly competitive salary, benefits and start-up funds, new or recently renovated laboratory space, access to numerous state-of-the-art core facilities and extensive opportunities for collaboration both within the University and with neighboring institutions. The University also provides very strong continuing support for research work beyond start-up, including full support for graduate students.

The University has a laboratory-based organization structure that fosters interdisciplinary research in the following areas:

- Biology of Single Cells
- Chemical Biology
- Evolution, Ecology, and Developmental Biology
- Medical Sciences and Human Genetics
- Microbiology and Immunology
- Neurobiology and Behavior
- Physics and Biology
- Physiology of Multicellular Organisms

Details about specific subjects of research can be found at [http://www.rockefeller.edu/facultysearch](http://www.rockefeller.edu/facultysearch).

Applications are being accepted electronically through our Online Application System at [http://oas.rockefeller.edu](http://oas.rockefeller.edu). Applicants should follow the online application procedure.

The deadline for receipt of applications is **October 7, 2008**. The search will be reopened on **April 15, 2009** with a deadline of **June 1, 2009**.

If you have questions regarding submitting an application, please contact our Administrator at [facultysearch@rockefeller.edu](mailto:facultysearch@rockefeller.edu).

The Rockefeller University is an Affirmative Action/Equal Opportunity/VEVRAA Employer and solicits applications from women and under-represented minorities.

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**NORTHEASTERN UNIVERSITY FACULTY POSITIONS**

The Department of Biochemistry, Molecular Biology and Cell Biology seeks outstanding individuals with research interests that complement existing interdisciplinary strengths of the department. The department is an exciting research and training environment located on Northwestern’s Evanston, Illinois campus ([http://www.biochem.northwestern.edu](http://www.biochem.northwestern.edu)). The recent opening of the Pancoe/ENH Life Sciences Pavilion and the soon to be completed Silverman Hall are part of an ongoing expansion of the life sciences. We seek two positions at the rank of Assistant Professor and one position at the rank of Associate Professor. We are particularly interested in the following areas:

- **Cell biology**, including cell division, cell polarity and their regulation, cellular organs and the secretory pathway, and the packaging and control of the genome.
- **Biochemistry and biophysics**, especially the use of cryo-electron microscopy/tomography to investigate the structure and activity of multi-protein molecular machines.

Applicants should submit electronically a single Adobe PDF or Microsoft Word file containing a cover letter, curriculum vitae, statement of teaching experience and interests, research summary, and a statement of future research goals to [bmcb@northwestern.edu](mailto:bmcb@northwestern.edu) using “BMBCB Faculty Search” as the subject. Applicants should also arrange for four letters of recommendation to be sent on their behalf.

Review of completed applications will begin on **November 1, 2008**. To ensure full consideration, all materials should be submitted by that date.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.
Yale School of Public Health
Yale University School of Medicine
Tenure Track Associate or Full Professor to Develop Programs in Infectious Disease Epidemiology

Yale School of Public Health is currently seeking to hire a tenure track associate or full professor with an active, well funded research program in infectious disease epidemiology. The successful faculty member will also play a leadership role in the Epidemiology of Microbial Diseases Division of the School of Public Health and be expected to lead and integrate multidisciplinary research programs that bridge laboratory and field research efforts, as well as act as a liaison with other faculty in the Yale School of Medicine. The Division serves local, national, and international communities through its interdisciplinary research and teaching on the causes, distribution, transmission, frequency of, and control and resistance to infections caused by viruses, parasites, and bacteria at the molecular, cellular, organism, ecosystem, individual and population levels.

The successful candidate should have a doctoral level research degree with advanced training in infectious diseases; an active record in research and training; an extensive body of influential publications; a history of service to international/national-level committees, professional organizations, and scholarly journals; a reputation for mentoring successful academic careers; and an established international research reputation in his/her chosen discipline. The school is particularly interested in candidates with active research in resource poor nations.

Applications, nominations, and inquiries are all invited. Review of applications will commence on November 1, 2008 until a successful candidate is identified. For full consideration, applicants should submit a letter of interest, a complete curriculum vitae, and copies of recent publications in confidence to:

EMD Search Committee Chair
Yale School of Public Health
Yale University School of Medicine
P.O. Box 208034
New Haven, CT 06520-8034

Yale University is an Affirmative Action/Equal Opportunity Employer. Men and women of diverse racial/ethnic backgrounds and cultures are encouraged to apply.

Tenure Track Faculty Position
The Center for Genome Sciences and the Department of Pathology and Immunology
Washington University School of Medicine, St. Louis, MO

We are seeking a faculty member with interests in the mechanisms that regulate the dynamic interplay between microbial communities and host biology.

Individuals with expertise relevant to this broad area who are addressing fundamental questions that have implications for understanding the foundations of human health and pathology are encouraged to apply.

The faculty member would reside in an interdisciplinary, interdisciplinary Center composed of faculty and students who are using computational and experimental approaches to study topics related to ecoinformatics, metagenomics, statistical genomics, population genetics, and computational/systems biology.

Faculty in the Department of Pathology and Immunology are exploring basic and applied questions in the areas of immunobiology and immunoinflammatory processes, as well as developing new genomic and allied tools that promote advances in the clinical sciences. For example, the Department and Center for Genome Sciences have close ties with our hospitals’ clinical microbiology labs, providing excellent opportunities for translational studies.

Although this search focuses on applicants for a junior faculty position, more senior faculty with outstanding records of accomplishment will also be considered.

Interested applicants should send a copy of their CV, three letters of reference, plus a two-page statement of research accomplishments and research plans to:

Jeffrey I. Gordon
Director, Center for Genome Sciences
Washington University School of Medicine
4444 Forest Park, Campus Box 8510
St. Louis, MO 63108
cgsssearch@pathology.wustl.edu

Washington University is an equal opportunity, affirmative action employer.

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 who can demonstrate expertise in crafting interdisciplinary proposals and negotiating multi-faceted awards. One or more currently funded NIH grant(s) and experience in translating research findings 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 – MSC 7838, U.T. Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78229.

All faculty appointments are designated as security sensitive positions. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer.

Faculty Positions in Electron Microscopy
Department of Pharmacology

Applications are invited from dynamic scientists for several faculty positions in the growing Department of Pharmacology at the Case Western Reserve University School of Medicine. Faculty rank from Assistant to Full Professor is open.

The Department has a great tradition of excellence in molecular pharmacology with strong, growing programs in cell regulation and signaling, membrane structural biology, cancer cell biology, and an emphasis on translational pharmacology (http://pharmacology.case.edu/).

Specifically, we seek candidates interested in membrane protein structure and function, who have expertise in the areas of crystallography and cryo-electron microscopy structural analysis of membrane proteins.

Qualified applicants for Assistant Professor should provide a record of scholarly activity and the potential to advance in a field of research. For senior ranks, requirements include evidence of excellent research and recognition of the research program at a national level. Rank is commensurate with experience and achievement.

Applicants should submit a cover letter, full Curriculum Vitae with publications and grant support, and a list of professional references. In addition, all applications should include descriptions of the candidate’s research interests and goals, and teaching, mentoring, and professional service experiences. Send applications to Camala Thompson (cam@case.edu), with a cc to Amy Wilson-Delfosse, Ph.D., Associate Professor of Pharmacology (axw41@case.edu).

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity.
The Oceanographic Scientist will work in the Meteorological Division. He/she will be responsible for the development and application of oceanographic technologies and methodologies to support environmental monitoring, assessment, and decision-making. The successful candidate will have a Ph.D. in marine science, oceanography, or a related field and a strong background in remote sensing and data analysis. Applicants should have a proven track record of research excellence and a demonstrated ability to work in interdisciplinary teams.

Closing date: 1 October 2008

Member states: Austria, Belgium, Croatia, Denmark, Germany, Finland, France, Greece, Ireland, Italy, Luxembourg, The Netherlands, Norway, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom

For further information contact the Conference Directors:
Paul Kostecki, Ph.D. • Edward Calabrese, Ph.D.
Phone (413) 545-1239 • www.UMassSoils.com

Check our website for more info www.UMassSoils.com

UNIVERSITY OF COLORADO FACULTY POSITION IN NANOSCIENCE

The Department of Chemistry and Biochemistry at the University of Colorado at Boulder invites applications for a tenure-track position in the area of nanoscience, at the rank of Assistant Professor. A doctoral degree in Chemistry or related field is required. We are seeking applicants who will establish a vigorous and innovative research program in nanoscience, with a significant chemical synthesis component. Scientists whose research will interface with the University of Colorado Nanoscale Initiative (http://e.colorado.edu) are particularly encouraged to apply. The successful candidate will also be expected to contribute to the teaching program at both the undergraduate and graduate levels.

Applications must register online at https://www.jobsatuc.com, posting 804963, by selecting “apply for this posting”, and then submitting their personal information and voluntary demographic data. A curriculum vitae, description of proposed research, and three letters of recommendation should be emailed to Rosemary.Trujillo@Colorado.edu. Review of applications will begin November 1, 2008, and will continue until the position is filled. See http://www.colorado.edu/ArtsSciences/Jobs/ for full job description.

The University of Colorado at Boulder is committed to diversity and equality in education and employment.

FACULTY POSITIONS

Stanford University

Department of Structural Biology

Assistant Professor of Structural Biology

Applications are invited for a tenure-track junior faculty appointment in the Department of Structural Biology, Stanford University School of Medicine. Candidates should have expertise in a specific area related to structural biology and biophysics. The successful candidate will contribute to the teaching and research mission of the Department of Structural Biology.

Chair, Faculty Search Committee

Department of Structural Biology

Stanford University School of Medicine

299 Campus Drive West, D139

Fairchild Bldg.

Stanford, CA 94305-5126

Candidiates should have a Ph.D. or M.D. degree and postdoctoral research experience. Application material and reference letters must be received by November 17, 2008.

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.

ANNOUNCEMENTS

Presented by

University of Massachusetts at Amherst

October 20-23, 2008

SESSIONS

Advanced Diagnostics for Site Design, Management and Closure; Analysis of Arsenic; Bioremediation; Brownfields; Chemical Oxidation; Distribution and Longevity Issues Associated With Injectable In-Situ Remediation Technologies; Ecological Restoration; Environmental Fate; Environmental Forensics; Groundwater; Groundwater Trends in the Modern Age; Heavy Metals; Microorganisms; Modeling; Nanotechnology; Pharmaceuticals in the Environment; Phytoremediation; Regulatory Remediation; Risk Assessment; Sediments; Site Assessment; Tungsten; Vapor Intrusion

WORKSHOPS

1) MCP Representativeness; Evaluations & Data Usability Assessments; 2) In-Situ Chemical Oxidation Workshop; 3) Vapor Intrusion Workshop; 4) Environmental Fate of Hydrocarbons in Soils and Groundwater; 5) Nanotechnology and the Environment; 6) Environmental Forensics Workshop; 7) Advanced Tools for In-Situ Remediation; 8) The Evolving Standard of Care: What Does It Mean Today – or Tomorrow? 9) In-Situ Thermal Remediation

For further information contact the Conference Directors:
Paul Kostecki, Ph.D. • Edward Calabrese, Ph.D.
Phone (413) 545-1239 • www.UMassSoils.com

Check our website for more info www.UMassSoils.com
Cancer Metabolism
Targeting the Achilles’ Heel of Cancer

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★ leading culture where great people can do great things and make a difference in the lives of patients
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We are looking for students with a passion to improve global health in the 21st century through a research career in allergy, immunology, and infectious diseases.

National Institute of Allergy and Infectious Diseases has a program for students with strong academic standing who are from populations underrepresented in biomedical research. Learn more about NIAID's exploratory 4-day INRO program by visiting: [http://www.niaid.nih.gov/labs/training/inro](http://www.niaid.nih.gov/labs/training/inro)

**Application open: August 15 – October 15, 2008**

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 NIDDK-08-286035-CR-MP, which can be obtained by accessing [WWW.USAJOBS.GOV](http://www.usajobs.gov). All applications must be received by 11/07/2008.

For additional information, contact Karen Page at (301) 496-4232.
The National Heart Lung and Blood Institute (NHLBI) is seeking candidates with strong backgrounds in epidemiology, translational research, or clinical trials for the position of Scientific Review Officer (Health Scientist Administrator) in the Review Branch of the Institute’s Division of Extramural Research Activities. Scientific Review Officers organize and manage the comprehensive scientific and technical merit review of grant applications and contract proposals through interaction with established scientists in a variety of fields, assure the fairness and consistency of the review process, and provide guidance to applicants, reviewers, and Institute staff. The successful candidate will join a diverse and dedicated group of 17 Scientific Review Officers, who strive to provide the highest quality peer review and are instrumental in the NIH effort to reshape and improve the peer-review process.

**Individuals with a Ph.D. or doctoral degree equivalent are encouraged to apply.** For the basic qualification requirements, please refer to the NIH guidance for Health Scientist Administrators at [http://www.jobs.nih.gov/announcement-links/healthadministrator.htm](http://www.jobs.nih.gov/announcement-links/healthadministrator.htm)

The NHLBI prides itself as an avenue fostering unique and rewarding careers. Academic faculty at all levels and advanced postdoctoral fellows with experience in epidemiology or clinical research are encouraged to apply. Equivalent training and experience within industry will also be considered. Administrative and peer-review experience are advantageous. This position is open to all US citizens.

- **Build a new, unique career that combines a leadership role in providing scientific, administrative, and logistical oversight of the peer review process with opportunities to maintain a liaison to academia and research.**
- **Outstanding Benefits!** Full package of Civil Service benefits is available including retirement, health and life insurance, leave and savings plan (401K equivalent).

Please apply online at [http://www.usajobs.gov](http://www.usajobs.gov)

**Health Scientist Administrator, Keyword Search: NHB0-08-287967-DE OR**

**Health Scientist Administrator, Keyword Search: NHB0-08-287967-MP**

How to Apply: Please view the above USAJobs website for full vacancy announcement. This vacancy requires the submission of narrative Knowledge, Skills and Abilities (KSAs) as part of the application process. You may apply online at the above website or submit a current curriculum vitae/bibliography or other format, including responses to the narratives to: National Heart, Lung, and Blood Institute, Human Resources Branch G, 2115 E. Jefferson Street, Room 1-M100, Bethesda, Maryland 20892; Attn: Leanna Lomax. All applications must be postmarked by 10/1/2008. For additional information contact Leanna Lomax at (301) 402-8032. For further information on NHLBI job opportunities, visit [http://www.nhlbi.nih.gov/about/jobs/](http://www.nhlbi.nih.gov/about/jobs/)

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**Scientific Review Officer**

**Epidemiology/Clinical Research**

The National Heart Lung and Blood Institute (NHLBI) is seeking candidates with strong backgrounds in epidemiology, translational research, or clinical trials for the position of Scientific Review Officer (Health Scientist Administrator) in the Review Branch of the Institute’s Division of Extramural Research Activities. Scientific Review Officers organize and manage the comprehensive scientific and technical merit review of grant applications and contract proposals through interaction with established scientists in a variety of fields, assure the fairness and consistency of the review process, and provide guidance to applicants, reviewers, and Institute staff. The successful candidate will join a diverse and dedicated group of 17 Scientific Review Officers, who strive to provide the highest quality peer review and are instrumental in the NIH effort to reshape and improve the peer-review process.

**Individuals with a Ph.D. or doctoral degree equivalent are encouraged to apply.** For the basic qualification requirements, please refer to the NIH guidance for Health Scientist Administrators at [http://www.jobs.nih.gov/announcement-links/healthadministrator.htm](http://www.jobs.nih.gov/announcement-links/healthadministrator.htm)

The NHLBI prides itself as an avenue fostering unique and rewarding careers. Academic faculty at all levels and advanced postdoctoral fellows with experience in epidemiology or clinical research are encouraged to apply. Equivalent training and experience within industry will also be considered. Administrative and peer-review experience are advantageous. This position is open to all US citizens.

- **Build a new, unique career that combines a leadership role in providing scientific, administrative, and logistical oversight of the peer review process with opportunities to maintain a liaison to academia and research.**
- **Outstanding Benefits!** Full package of Civil Service benefits is available including retirement, health and life insurance, leave and savings plan (401K equivalent).

Please apply online at [http://www.usajobs.gov](http://www.usajobs.gov)

**Health Scientist Administrator, Keyword Search: NHB0-08-287967-DE OR**

**Health Scientist Administrator, Keyword Search: NHB0-08-287967-MP**

How to Apply: Please view the above USAJobs website for full vacancy announcement. This vacancy requires the submission of narrative Knowledge, Skills and Abilities (KSAs) as part of the application process. You may apply online at the above website or submit a current curriculum vitae/bibliography or other format, including responses to the narratives to: National Heart, Lung, and Blood Institute, Human Resources Branch G, 2115 E. Jefferson Street, Room 1-M100, Bethesda, Maryland 20892; Attn: Leanna Lomax. All applications must be postmarked by 10/1/2008. For additional information contact Leanna Lomax at (301) 402-8032. For further information on NHLBI job opportunities, visit [http://www.nhlbi.nih.gov/about/jobs/](http://www.nhlbi.nih.gov/about/jobs/)

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**PROGRAM DIRECTOR**

NINDS is seeking outstanding scientists or physicians with distinguished records in basic, translational and/or clinical research to serve as Program Directors for the planning, evaluation, and administration of research on neuroscience and neurological disorders. This search is to fill two positions, one for basic, translational and clinical research on Epilepsy, and a second position for basic, translational and clinical research on Neuropathological Diseases such as Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, Amyotrophic Lateral Sclerosis, Frontotemporal Dementia, and Vascular Cognitive Impairment. Successful candidates will have a strong interest in transforming research in these areas by providing a leadership role in providing scientific, administrative, and logistical oversight of the peer review process with opportunities to maintain a liaison to academia and research. Outstanding Benefits! Full package of Civil Service benefits is available including retirement, health and life insurance, leave and savings plan (401K equivalent).

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**Health Scientist Administrator, Keyword Search: NHB0-08-287967-DE OR**

**Health Scientist Administrator, Keyword Search: NHB0-08-287967-MP**

How to Apply: Please view the above USAJobs website for full vacancy announcement. This vacancy requires the submission of narrative Knowledge, Skills and Abilities (KSAs) as part of the application process. You may apply online at the above website or submit a current curriculum vitae/bibliography or other format, including responses to the narratives to: National Heart, Lung, and Blood Institute, Human Resources Branch G, 2115 E. Jefferson Street, Room 1-M100, Bethesda, Maryland 20892; Attn: Leanna Lomax. All applications must be postmarked by 10/1/2008. For additional information contact Leanna Lomax at (301) 402-8032. For further information on NHLBI job opportunities, visit [http://www.nhlbi.nih.gov/about/jobs/](http://www.nhlbi.nih.gov/about/jobs/)

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**POSTDOCTORAL RESEARCH FELLOW**

**COGNITIVE NEUROSCIENCE/HUMAN DRUG ABUSE AND fMRI**

The National Institute on Drug Abuse (NIDA), Intramural Research Program (IRP), is recruiting for 1 or 2 postdoctoral fellows to join an interdisciplinary team of scientists and physicians studying the neurobiological mechanisms of human drug abuse and their interaction with cognitive and affective processes. Multimodal MRI (e.g. BOLD activation, resting connectivity, DTI, MRS) and EEG are used to study the mechanisms of action of abused drugs (e.g. cocaine, nicotine, marijuana), their effects on cognitive (e.g. attention, central executive processes, reward, decision making, learning) and affective processes (e.g., drug craving and interactions with emotional processes), and how their (dys) function(s) may be a factor in human drug addiction.

The ideal candidate will possess a Ph.D. or M.D., and a strong research background in cognitive neuroscience, drug abuse neurobiology, and/or functional imaging. The position(s) offer excellent training in all aspects of functional and anatomical MRI and MR physics in a highly interactive research environment. A 3 Tesla MRI is available for full-time research. Interested candidates should provide a CV, statement of research background and interests, 3 letters of recommendation (ideally from noncollaborators), and a copy of the doctoral degree (if in a foreign language, include a certified English translation). Send application materials to: Elliot A. Stein, Ph.D., Chief, Neuroimaging Research Branch, IRP/NIDA, 251 Bayview Blvd, Suite 200, Baltimore, MD 21224. Email: estein@mail.nih.gov
The Aaron Diamond AIDS Research Center (ADARC), an affiliate of The Rockefeller University, has recently established the ADARC Scholars Program to nurture the careers of future leaders in the area of HIV/AIDS research. The Scholar should be capable of establishing and maintaining an independent research program and will be provided laboratory space, resources and salary support at the junior faculty level for up to 3 years. This program is ideal for postdoctoral scientists who are preparing to make the transition into faculty positions at academic institutions.

Successful candidates will have completed an advanced degree and have demonstrated excellence in their chosen field of research based on publication record and letters of support by mentors and other experts in their field.

Candidates are requested to provide the following:

- Cover letter stating their research interests and plan for the proposed 3 years of support
- Curriculum vitae
- Letter of recommendation by current mentor(s)
- Names of 3 additional outside referees

There are no application deadlines and individuals interested in seeking a Scholars position should send the requested information to either: Paul Bieniasz Ph.D (pbieniasz@adarc.org) or Martin Markowitz M.D. (mmarkowi@adarc.org), The Aaron Diamond AIDS Research Center, 455 First Avenue 7th Floor, New York, NY 10016. (http://www.adarc.org).
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- Statisticians
- Transformation
- Water Use/Drought Experts
- Molecular Entomology

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Tenure Track/Tenured Position
Basic Biomedical Research

Division of Intramural Research (DIR) of the National Heart, Lung and Blood Institute is seeking an outstanding scientist to initiate and direct an independent research program in basic science on the NIH campus in Bethesda, MD. The area of expertise of the candidate is less important than his/her demonstrated ability to conduct outstanding independent research in areas within the broad biomedical research interests of the DIR. The areas of expertise may include but are not limited to: molecular and cellular biology, biophysics, biochemistry, immunology, structural biology, systems biology, physiology, signal transduction, developmental biology, and molecular imaging. The existing faculty is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics (please see http://dir.nhlbi.nih.gov/) complemented by the other research institutes within the DIR (please see http://www.nih.gov/science/#campus).

The DIR environment provides the opportunity to perform creative and innovative science unconstrained by traditional support systems available at academic or private research institutions. This is enhanced by outstanding research core facilities in optical and electron microscopy, transgenic and knockout mouse production, mouse phenotyping, proteomics, genomics, and flow cytometry/cell sorting as well as world-class seminar series and symposia. DIR faculty can participate in Graduate Partners Programs (http://gpp.nih.gov) with many academic programs around the world as a means of recruiting graduate students, and extensive career guidance and development resources are available on campus for post-doctoral trainees.

Candidates must have an M.D., Ph.D., or both and have an outstanding record of research accomplishments as evidenced by publications in major peer-reviewed journals. The position can be filled as a tenure-track or tenured position, but preference will be given to senior post-doctoral fellows or faculty who are still in the early stages of their research careers. The successful candidate will be offered a competitive salary commensurate with experience and qualifications, and will be assigned ample research space, supported positions, and an operating budget. Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Complete applications must be received by November 1, 2008. Please submit a curriculum vitae, brief statement of research interests and three letters of reference in .pdf or MS word format only (no paper applications will be accepted) to:

Robert S. Balaban, Ph.D., Scientific Director, NHLBI
c/o Michelle Renehan
nhlbi_dir_search@mail.nih.gov

DHHS and NIH are Equal Opportunity Employers. Application from women, minorities and persons with disabilities are encouraged.

Novo Nordisk Diabetes Research Director/Manager/Scientist in China
Zhongguancun Life Science Park, Beijing, China

Novo Nordisk is a focused healthcare company and a world leader in diabetes care. Novo Nordisk China R&D (NNST) is an integrated part of Novo Nordisk R&D organization. Novo Nordisk wants to conduct diabetes research activities in China and expand its network to the scientific community. For these purposes, two new positions are open for highly motivated colleagues who plan to advance their careers in China.

The Research Director/Manager will manage a research team to support discovery and development of new peptides and proteins for the treatment of diabetes, scout diabetes innovations in China, help to identify and manage diabetes research collaborations and networks in China as well as coordinating internal and external communications on Novo Nordisk Diabetes Research in China.

The Scientist will take part in 1) Expression, purification, and analysis of therapeutic proteins at laboratory to pilot scale; 2) Novel drug target identification in diabetes research including Scouting and sourcing in the treatment of diabetes, scout diabetes innovations in China, help to support discovery and development of new peptides and proteins for the treatment of diabetes, scout diabetes innovations in China, help to identify and manage diabetes research collaborations and networks in China as well as coordinating internal and external communications on Novo Nordisk Diabetes Research in China.

Applications should optimally have the following qualifications: A MD and / or PhD in science or medicine with >2-5 years post doctorate research; A proven record of independent high-quality research in diabetes; International research experience; A thorough understanding of at least some of the following: protein engineering, expression, refolding, purification, characterization and assay development. Excellent communication skills in English are required. The Research Director/Manager should also have experience with people and project management, and understanding of industrial and clinical research.

Title and compensation will be commensurate with the individual candidate’s qualifications. For detailed information regarding individual positions, please check the website www.ebiotrade.com/jobf or send an inquiry or application via e-mail to InfoNST@novonordisk.com.
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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
Applications are invited for faculty positions at the Assistant or Associate Professor levels in the Protein Sciences Program at Cincinnati Children’s Hospital Medical Center (CCHMC). This program seeks to bring together outstanding scientists in the general areas of biochemistry, chemical biology, protein engineering/evolution/design, and structural biology who share an interest in studying the molecular basis of normal embryonic development and pediatric disorders. We are especially interested in individuals with expertise in the study of post-translational modifications of proteins, in-vivo imaging of molecular interactions, medicinal chemistry or lipid biology, with an emphasis on inter-disciplinary approaches to address a fundamental problem in development or disease.

The successful candidate will have PhD, MD or MD-PhD degrees and at least two years of post-doctoral research experience. The Division occupies outstanding new research space in a state-of-the-art, 450,000-square-foot building that opened in December 2007. Division faculty may join the multi-disciplinary graduate program in Molecular and Developmental Biology. Interested candidates should send an application letter, two-page statement of research interests including past accomplishments and future goals, CV, and the names and addresses of three references to: Rashmi Hegde, PhD, Chair of the Search Committee, PSPpositions@cchmc.org.

Cincinnati Children’s Hospital Medical Center is an Affirmative Action/Equal Opportunity Institution. Women and Minorities are encouraged to apply.

At CNA we analyze and solve problems by getting as close as possible to the people, the data and the problems themselves in order to find the answers of greatest clarity and credibility – all to help government leaders choose the best course of action.

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The University of Minnesota invites nominations and seeks applications for a new postdoctoral fellowship program as part of the recently launched comprehensive Interdisciplinary Informatics Initiatives (www.informatics.umn.edu), which encompasses health informatics, computational biology, bioinformatics, systems biology, and physical and computational sciences, as well as emerging fields in the social and environmental sciences. The Fellowship is intended to attract promising scholars with potential to pursue future faculty positions at the University of Minnesota and at other top research universities. We invite applications from individuals who will have received the Ph.D. by September 2009 with research and scholarly interests reflecting a combination of the following priorities: (1) strong interest in interdisciplinary research and scholarship in one or more of the areas of interdisciplinary informatics mentioned above; (2) strong interest in a career that integrates research and education; (3) commitment to fostering the understanding of diversity in its multiple forms; and (4) engagement in partnerships with multiple communities inside and outside of the academy, including across the campuses of the University of Minnesota. Senior faculty will mentor postdoctoral fellows to establish an independent research agenda in a collaborative environment, prepare fellows for tenure-track academic positions, and deepen their pedagogical knowledge to become effective teachers in this emerging field. In addition to conducting research, fellows will teach at least one course per year. Fellowships will be awarded for one-year appointments beginning September 2009, with the possibility of a second year based on performance. Although stipend amounts will vary by discipline, fellows will receive a minimum annual stipend of $45,000.

The application deadline is October 31, 2008. To view the full announcement including information on eligibility, fellowship terms and the application process, visit www.grad.umn.edu/umiipostdocfellowship. For more information contact Dr. Noro Andriamanalina at 612-626-4546, or send an e-mail to umipi@umn.edu.

The University of Minnesota is an Equal Opportunity Educator and Employer. Women and minorities are strongly encouraged to apply.
Scientific Positions at the Janelia Farm Research Campus

We invite applications from biochemists, biologists, chemists, computer scientists, engineers, mathematicians, neurobiologists, and physicists who are passionate in their pursuit of important problems in basic scientific and technical research. Positions are available for group leaders and fellows.

**Group leaders**  
**Application deadline:** December 17, 2008

- Group leaders are independent scientists, similar to HHMI investigators, with labs of up to six additional members. The initial appointment is for six years. Thereafter, group leaders will be reviewed for reappointment every five years.

**Fellows**  
**Application deadlines:** January 15, 2009

- Fellows are independent scientists with labs of up to two additional members. Appointments are for five years.

The Janelia Farm Research Campus of the Howard Hughes Medical Institute pursues challenging basic biomedical problems for which future progress requires technological innovation.

Janelia Farm focuses on two research areas: the identification of general principles that govern how information is processed by neuronal circuits, using genetic model systems in conjunction with imaging, electrophysiological, and computational methods; and the development of imaging technologies and computational methods for image analysis.

Janelia Farm is now home to a growing and multidisciplinary community of 30 research groups, supported by outstanding shared resources within a unique campus less than an hour from Washington, D.C. We value research collaboration between groups as a mechanism to enable long-range innovative science and encourage the self-assembly of interdisciplinary teams of scientists. We welcome coordinated applications from groups of individuals. Applications from individuals at all career stages are invited.

All laboratories are internally funded, without extramural grants. Lab heads have no formal teaching duties and minimal administrative responsibilities. They are expected to engage in the direct conduct of research and in intellectual interaction with their colleagues. Individual research groups are limited in size, comprising postdoctoral associates, graduate students, and technicians. Janelia Farm hosts conferences, and group leaders are encouraged to organize meetings in their areas of interest.

Janelia Farm offers a supportive working environment with on-site child care, fitness center, and dining facilities on a 689-acre campus along the Potomac River in Northern Virginia.

For more information and to submit an application: www.hhmi.org/ref/janelia/sci

The Howard Hughes Medical Institute is an equal opportunity employer.
The Department of Chemistry at the University of Michigan invites applications for an anticipated tenure-track position at the rank of ASSISTANT PROFESSOR or ASSOCIATE PROFESSOR in any subdiscipline of chemistry with a proposed start date of September 1, 2009. This would be a University-year appointment (nine-month academic salary with summer salary supported by research). Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the electronic application process and required materials is available online at: https://www.chem.lsa.umich.edu/chem/facultyrecruit/. The position will remain open until filled. Affirmative Action/Equal Employment Opportunity.

The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity, Affirmative Action Employer.

POSITION OPEN
POSTDOCTORAL POSITION

This laboratory is interested in hiring a Postdoctoral Fellow with a deep interest in all levels of protein function: structure, binding, and transition-state structure and energetics, ligand-binding, allostery, the conformational coupling of energetics, and the higher-order organization of catalysis in the cell. Our projects, many of which are structurally based, include numerous enzymes that are loosely centered around biomedically relevant issues in sulfur metabolism, and isoprenoid biosynthesis.

Please send or e-mail your resume and three letters of recommendation to Meera Subramaniam, M.D., Assistant Professor of Pediatrics, Children’s Hospital and Harvard Medical School, Hunnewell 2, Pulmonary Division, 300 Longwood Avenue, Boston, MA 02115; e-mail: meera.subramaniam@childrens.harvard.edu.

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