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Science Careers
From the journal Science
AAAS

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11 SEPTEMBER 2009 VOL 325 SCIENCE www.sciencecareers.org

FACULTY POSITION IN BIOCHEMISTRY
The College of Medicine of the University of Oklahoma Health Science Center is seeking candidates for a tenure-track position at the Assistant Professor level in molecular biology. The Department of Biomedical Sciences hosts 15 faculty with research interests that involve crystallography or proteomics approaches to address fundamental questions in cancer, diabetes, and infectious diseases. The College seeks creative scholars excited about working in a liberal arts setting, with its strong focus on engaged teaching, participation in shared governance, and active involvement in an institution-wide advancement of diversity. Interested individuals should send curriculum vitae, a brief statement of teaching philosophy, and letters of reference directly to: Molecular Biology Search Committee Chair, Department of Biomedical Sciences, University of Oklahoma Health Science Center, 4200 N. OpenSSL 944, Laramie, WY 82071. Applications will be reviewed until the position is filled.

Two Tenure-Track Faculty Positions in Molecular Biology
The Department of Molecular Biology at the University of Wyoming seeks two outstanding scientists for tenure-track faculty positions in molecular biology. Interested scientists are invited to apply for these positions to the Molecular Biology Search Committee Chair, Department of Molecular Biology, University of Wyoming, 1000 E. University Avenue, Department 3944, Laramie, WY 82071. The Department of Molecular Biology consists of 15 faculty with diverse research interests and significant extramural support. Applicants for this position should have a Ph.D. degree in their discipline and be able to develop and sustain extramurally supported research programs involving high-throughput proteomics and other state-of-the-art core laboratories in the College of Medicine complex. The University of Wyoming is an Equal Opportunity/ Affirmative Action Employer.

Florida State University College of Medicine
FACULTY POSITION IN MOLECULAR BIOLOGY
The Department of Molecular Biology at the University of Oklahoma Health Science Center (OUHSC) seeks applicants with research interests that involve crystallography or other aspects of structural biology. We are especially interested in candidates whose methodology meshes with the OUHSC Strategic Plan, which has emphasis in cancer, diabetes, and infectious diseases. For a complete description of this available position, refer to our website: http://www.osumedicine.com/WorldClips/CollegeOfMedicine/ADBiochemistry/FacultyPosition.htm.

Review of applications will begin September 15, 2009, and continue until the position is filled. Please submit, in electronic form, curriculum vitae; a brief statement of research accomplishments, research interests, future plans, teaching philosophy; two to three publications; and the names of three individuals from whom reference letters can be solicited. Applications should be sent electronically to: Dr. Karla Rodgers, Chair, BMB Faculty Search Committee, e-mail: biochemistry@ouhsc.edu.

OUHSC is an Equal Opportunity Employer.

FACULTY POSITION IN STRUCTURAL BIOLOGY
Department of Biochemistry & Molecular Biology, University of Oklahoma Health Sciences Center, Oklahoma City
The Department of Biochemistry & Molecular Biology at the University of Oklahoma Health Sciences Center (OUHSC) seeks applicants with research interests that involve crystallography or other aspects of structural biology. We are especially interested in candidates whose methodology meshes with the OUHSC Strategic Plan, which has emphasis in cancer, diabetes, and infectious diseases. For a full description of this available position, refer to our website: http://www.osumedicine.com/WorldClips/CollegeOfMedicine/ADBiochemistry/FacultyPosition.htm.

Review of applications will begin September 15, 2009, and continue until the position is filled. Please submit, in electronic form, curriculum vitae; a brief statement of research accomplishments, research interests, future plans, teaching philosophy; two to three publications; and the names of three individuals from whom reference letters can be solicited. Applications should be sent electronically to: Dr. Karla Rodgers, Chair, BMB Faculty Search Committee, e-mail: biochemistry@ouhsc.edu.

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Positions Open
The Power of Science
FUNDING YOUR FUTURE: PUBLISH OR PERISH

“Publish or perish” is the scientist’s maxim—with good reason. Career advancement hinges on publications. But data generation requires dollars. And as the time it takes for investigators to become financially independent grows, the old adage may also motivate early-career researchers to capitalize on their youth. By Virginia Gewin

Science is one of the few vocations in which a mid-life crisis could coincide with a career gaining traction. A National Academy of Science report highlighted that the average age for a biomedical researcher to secure the famed R01 grant is 42 (www.nap.edu/catalog.php?record_id=11249). The R01 grant is considered the gold standard of biomedical funding, and is often a criterion to gaining tenure. And as the pressure to secure funding mounts, an early-career researcher may forego risky aspirations for a more bankable application. Unfortunately, this may reduce the potential for scientific breakthroughs.

In recent years, several funding programs have been created specifically to help young investigators reach funding goals during the critical two to eight years when a researcher is expected to launch independent lab operations. In fact, the Howard Hughes Medical Institute (HHMI) established its early-career scientist efforts to help researchers focus on their laboratory research. “HHMI thought it was ironic that researchers were spending a decade of their most productive years—when the energy level to make new discoveries is highest—on grant writing,” says Jack Dixon, HHMI vice president and chief scientific officer.

Getting a grant funded as soon as possible is one way to prevent creativity from becoming a casualty. Yet, as the number and types of funding mechanisms grow, so does the competition for them. Therefore, early career investigators should mount multiple strategies as they master one last talent—the ability to secure a funding stream.

Early-Career Awards

“Failing to take advantage of designated early-career programs is one of the biggest mistakes that early-career scientists make when applying for grants,” says Thomas Blackburn, a former program officer with the American Chemical Society Petroleum Research Fund and now president of Science Funding, a Washington, D.C.-based grants consultancy for early-career science faculty.

Most of the largest, often government, funders—for example, US National Institutes of Health (NIH), US Department of Energy, HHMI, and European Molecular Biology Organization (EMBO)—sponsor early-career fellowships. These awards are highly competitive given their national scope. The prestige that comes with these high-profile grants is a key stepping stone to secure future grants funding.

But, says Blackburn, focusing only on the high-profile funders is limiting. “Researchers should not neglect smaller, private foundations that may provide seed money to collect the data and publish papers that will help a person later secure larger grants,” he says.

In fact, many of the private, often smaller, funding foundations offer a valued component: freedom. “We created our program to give those newly selected scientists the freedom to pursue their most creative, often risky, ideas,” says HHMI’s Dixon. Freedom, apparently, is coveted among young researchers; over 2,100 people applied for the 50 early-career awards given out in May of this year.

The McKnight Scholars Award was implemented in 1976 by the McKnight Foundation, a Minneapolis, Minnesota-based family foundation started by the long-time leader of the 3M Company, specifically to identify and encourage creative experimental neuroscientists. “The scholars program has had an impressive impact on experimental neuroscience over its 30-year existence—including advancing the careers of future Nobel Prize winners and members of the National Academy of Sciences,” says Thomas Jessell, a Columbia University neuroscientist in New York City and member of the McKnight Board of Directors.

A growing number of philanthropies are particularly motivated to sponsor continued »

“Researchers should not neglect smaller, private foundations.”

UPCOMING FEATURES

Focus on Europe — September 25
Top Employers Survey — October 2
Careers in Neuroscience — October 16

www.sciencecareers.org/businessfeatures
Tenure-track Positions in Energy Science, Engineering, and Policy

The Pennsylvania State University is in the midst of recruiting at least 25 new full-time, tenure-track faculty in energy science, engineering, and policy. This is part of an initiative to enhance an already vigorous program of environmental and energy research and education at Penn State, and reinforces the university’s internationally recognized leadership in multidisciplinary alternative energy research. Most positions will be co-funded by the participating academic departments and by the Penn State Institutes of Energy and the Environment (PS2E). For more details please see <http://www.ps2e.psu.edu/open_positions.asp> . Applications are being solicited for the following six positions:

Solar Energy to Electric Conversion
The Department of Electrical Engineering (www.ee.psu.edu) invites applications for a tenure-track faculty position in photovoltaics. Exceptional candidates at all levels are encouraged to apply. The applicant must have the ability to teach effectively at both the undergraduate and graduate levels and to establish and maintain a strong, externally-funded research program. Of particular interest are individuals with expertise in third generation photovoltaics, and light-matter interactions at the nanoscale. Applications and questions regarding the search process may be addressed to the search committee chair, Prof. Craig Grimes (cgrimes@engr.psu.edu).

Electrical Energy Storage
The Department of Mechanical and Nuclear Engineering (www.mme.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. Email: ees_search@psu.edu

Quantitative Analysis of Energy Risk
The Department of Energy and Mineral Engineering (www.eme.psu.edu) and the Department of Meteorology (www.met.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. Email: ydy1@psu.edu

Membranes for Energy Production
The Departments of Civil and Environmental Engineering (http://www.engr.psu.edu/ce/) and Chemical Engineering (www.che.psu.edu) invite applications at the assistant or associate professor level for candidates conducting innovative research in the broad area of membranes, with an emphasis on energy development and more efficient energy-related processes, including: energy production from novel sources, such as saline water and wastewater; conservation of energy using membranes in water treatment processes; and separations including CO2 recovery and energy production. The successful applicant will develop a research program leading to national and international recognition, and teach at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical, Civil, or Environmental Engineering, or a closely related field. Email: membranessearch@psu.edu

Wind Energy
The Department of Aerospace Engineering (www.aero.psu.edu) seeks an outstanding individual who is committed to education and the development and leadership of an interdisciplinary, externally-funded research program in the field of wind energy. Rank and tenure status will be commensurate with experience. General areas of interest include aeroservoelasticity 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.

Landscape Ecologist
The College of Agricultural Sciences (http://agsci.psu.edu) invites applications at the assistant or associate professor level for candidates with research interests in spatially explicit modeling in vegetation dynamics as affected by various stressors (e.g., land use change, climate change, biofuel production, and other energy-related impacts). The successful candidate will join a multi-collegiate team of ecologists and other scientists to attract external funding, publish in top-ranked journals, and teach and advise at the undergraduate and graduate levels. Candidates must have a Ph.D. in Ecology or a related field. Email: dme9@psu.edu.

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. The 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. Email: energy_search@chem.psu.edu.

Integrated Assessment of Energy Systems and Policy
The Department of Geography (www.geog.psu.edu) welcomes applications at the assistant/associate level in the area of integrated assessment of energy systems and policy from spatial, environmental and technical perspectives. Candidates should have expertise in energy systems, energy policy, and appropriate analytical and modeling methodologies, in the context of a rapidly urbanizing and globally integrated economic-geographical world. Ph.D. in geography, a policy science or related field with evidence of relevant research, teaching interests and a strong commitment to interdisciplinary collaboration is required. Email: geogad@geog.psu.edu.

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THINKING GLOBALLY, ACTING GLOBALLY FROM HERE.

An open view to the world fundamentally changes the way you think and act. This may explain why so many UBC professors are tackling global challenges, from rehabilitating child soldiers, to finding new drugs for neglected diseases, to conserving the world’s fisheries. It’s why you’ll find UBC students helping mining communities in Peru, working with coffee farmers in Costa Rica, and serving in hospitals in Nepal. The global opportunities at UBC are, like our wide-open perspective, unmatched.
early-career investigators eager to conduct exploratory research. Often these organizations focus specifically on one disease or technological area. The Alliance for Cancer Gene Therapy, the Lance Armstrong Foundation, Leukemia Research Foundation, and the Scleroderma Foundation are just a few examples of the organizations supporting new investigator grants.

Philanthropies, however, are often looking for potential cures as well as pioneering science. “The most important thing at this stage of a young person’s career is to make an important scientific discovery. If you have the wherewithal to make that in a more narrowly defined area of research supported by philanthropy, do it,” says Dixon.

Collaborations Are Key
Collaborating is essential to long-term success as science becomes increasingly interdisciplinary. And building fruitful scientific collaborations can offer an effective strategy to making career-defining connections. In fact, the European Research Council now offers the Starting Investigator Research Grant Scheme. Based on the European Science Foundation’s (ESF) previous European Young Investigators Award, this program may supersede it by providing a larger number of awards. The ESF is currently placing a greater focus on creating opportunities, such as workshop and conference participation grants, to promote the integration of young investigators into collaborative research networks. “In Europe, research is all about collaborative networks of researchers working together to optimize resources efficiently,” says Ana Helman, a science officer in the ESF Physical and Engineering Sciences Unit based in Strasbourg, France.

Indeed, some funding organizations place great emphasis on helping early-career researchers learn how to form productive collaborations. For example, EMBO, based in Heidelberg, Germany, offers networking and mentoring resources which can often mean more than the three-year €45,000 research award given to young investigators. “Our strategy is not so much to award a single project, but rather to help talented young scientists grow,” says Gerlinde Wallon, manager of EMBO’s Young Investigator Programme.

The Human Frontiers Science Program (HFSP), a funding organization based in Strasbourg, was created to foster international collaboration and training in life sciences. It awards postdoctoral fellowships that encourage those trained in classical life science or biology departments to broaden their skills by moving into a new research field. “We want to help molecular biologists move into crystallography or physicists to become geneticists,” says Guntram Bauer, HFSP director of fellowships.

That mission became the basis for a cross-disciplinary fellowship program designed to help mathematicians, physicists, chemists, or material scientists bring new expertise to a biology-based laboratory. Because HFSP wants to see these young researchers have a chance to establish independent laboratories, the fellows are then solely eligible for career development awards. Having funded nationals from over 60 countries, these awards are a way for international scholars
to build collaborations that will later help them become established in their home countries.

Some areas of science, such as nuclear physics, are driven by collaborations. Often, projects are simply not feasible with only one or two researchers. However, Brad Tippets, program manager at the US Department of Energy’s Office of Nuclear Physics, says while most of these collaborations are not hierarchical, they can create an environment that fosters mentoring of early-career researchers and accelerates their maturation as scientists. As a result, early-career scientists develop a reputation in the community more rapidly, which helps them make a mark in the field.

In fact, mentoring can greatly speed career independence. Vaia Papadimitriou, scientist and assistant division head of the Accelerator Division at Fermilab in Batavia, Illinois, says Lederman fellowships, Wilson fellowships, and postdoctoral positions are designed to help a researcher obtain an assistant professor position. “We prepare them to apply successfully for a job by making sure they cultivate a broad spectrum of experience,” says Papadimitriou. For example, she says, young investigators are encouraged to work on both hardware and software and to hold leadership positions, to best advance their careers.

The fact that organizations make mentoring a priority is a strong sign that they have a vested interest in an awardee’s career longevity. The NIH K, or career development, awards, particularly the so-called Kangaroo awards (dubbed that because of their K99/R00 nomenclature), are designed to offer a pathway to independence by providing mentored research positions to help a postdoc become a stable independent researcher.

As well, the Helmholtz Association of German Research Centres, a collective of 16 research centers throughout Germany, continued »

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FACULTY POSITIONS
Department of Molecular Genetics

The Department of Molecular Genetics (http://www.lerner.ccf.org/molgen/) at the Cleveland Clinic Lerner Research Institute invites applications for faculty positions, at ranks specified below. We are seeking scientists with a record of accomplishment in molecular genetics with a preference for the following three areas.

**Viral Pathogenesis** - Senior and junior scientists interested in the molecular aspects of pathogenesis by a clinically important virus. The recruits will join the Section of Virology in the department, with laboratory space close to BSL3 facilities. The ideal candidates will take advantage of the strong immunology research in this and other departments of the Lerner Research Institute.

**Molecular basis of a chronic disease** - The goal is to recruit a senior researcher with an opportunity to lead the recruitment of additional junior faculty members. The ideal candidate should be an M.D./Ph.D. or an M.D. who uses sophisticated molecular genetic approaches to study major chronic diseases; examples include Diabetes and Aging-related disorders.

**MicroRNA** - We would like to recruit a faculty member whose research interest focuses on the regulation of biosynthesis of microRNAs and/or their mechanisms of action. This individual should be enthusiastic about interacting with other scientists who are studying the roles of microRNAs in specific diseases. There is opportunity to interact with many members of the local RNA community, including those at the highly regarded RNA Center of Case Medical School.

Candidates should send an application electronically, stating their specific research interests, curriculum vitae, research plans and the names of three references to: Ganes C. Sen, Ph.D., Chair, Department of Molecular Genetics, E-mail: moleculargenetics@ccf.org.

The Lerner Research Institute, which is among the top 10 in National Institutes of Health funding among research institutes in the United States, is home to more than 150 laboratories involved in a wide range of basic and translational investigations in the life sciences. **Well-equipped, subsidized core facilities support the research effort. Institute faculty enjoy generous salary support as well as bridge funding in the event of temporary loss of grant support.** All Institute faculty are also members in the Department of Molecular Medicine at Case Western Reserve University and are eligible to supervise graduate and medical students. The Cleveland Clinic is located near University Circle, five miles east of downtown Cleveland. This area is Cleveland’s cultural, medical and educational center. Medical research in institutions located here places Cleveland as one of the major medical research environments in the country. Also located nearby are several outstanding museums and Severance Hall, home of the Cleveland Orchestra.

*Cleveland Clinic is an Equal Opportunity/Affirmative Action Employer.*
also offers management training to its early-career awardees. While the $25,000 award offers five years of stable funding, it also provides access to the association’s extensive laboratory infrastructure. Helmholtz is also unique in that it offers a career option not typically found in Germany: tenure.

**Teaching Tactics**
Wherever it is granted, tenure is a lifetime contract based on the expectation that the grantee will secure grants to support research over the long term. So the pressure to sustain funding levels remains strong. Consequently, competition among new faculty is fierce and tends to reward candidates able to bring in research dollars, resulting in less emphasis placed on teaching.

But teaching aspirations can prove lucrative. In fact, teaching is an important component of some funding awards. A number of early-career awards exist to help the researcher who wants also to be an outstanding teacher. For example, the Research Corporation for Science Advancement, a Tucson, Arizona-based philanthropy created in 1912, offers scholar awards to those scientists working at research institutions. “The foundation’s idea was to fund people with impeccable research credentials who were destined to be leaders on the research front and are also breaking new ground in teaching,” says Jack Pladziewicz, the organization’s vice president.

In a similar way, NASA’s Earth Science program’s new investigator funding scheme—which promotes interdisciplinary research—includes a provision to conduct educational activities related to research. “We want to instill the attitude that a researcher’s job is not simply publishing papers,” says Ming-Ying Wei, manager of NASA’s Office of Earth Science education program in Washington, D.C.

US National Science Foundation (NSF), based in Arlington, Virginia, offers CAREER awards to individuals who view themselves as teacher-scholars. These are challenging applications because they require a research plan integrated with an education plan, including an assessment of activities, all in 15 pages. As such, these awards require backing from the applicant’s institution, and are considered the most prestigious award for young faculty that NSF gives, says program director Mary Chamberlin.

**Strategic Success**
Whether an applicant has five pages or 50 in which to propose research, the successful grant application must include two things above all else: a clear problem to solve and a novel way to solve it.

“Early-career scientists often present a continuation of their doctoral work without a clear distinction of how the research will advance the science to the next stage,” says Heather Macdonald, a geoscientist at the College of William & Mary in Williamsburg, Virginia. Macdonald runs two career development workshops each year for early-career geoscientists. She says early-career investigators need to find creative ways to differentiate their future work from their past mentors.

In this regard, as NIH’s acting deputy director for extramural research, Sally Rockey, describes it, young investigators often face a catch-22. If they propose a safe research idea, they can get rejected for not distinguishing their evolution as a scientist; and if they propose risky research, they can get rejected for overestimating their abilities. “Being both a young investigator and proposing risky research is a double whammy when the proposal is being considered,” says Rockey. “But we do promote high-risk research if the applicants can mitigate concerns about their ability,” she adds.

Science Funding’s Blackburn warns early career investigators not to play it too safe, however. “More proposals are denied for being too safe than for being too risky.” But, he continues, applicants have to make sure a proposal reflects both prior experience and achievements as well as a demonstration of how one is growing beyond them. “This combination credentials you as someone who proposes research that you are capable of carrying out and that is worth carrying out,” he says.

Rockey advises applicants who have doubts about a proposal’s possible merit or appropriateness for the program to contact the relevant program officer for advice.

Beyond relevance, clarity is key in proposal writing. “If you do not write clearly, you may not be thinking clearly, and that may not allow a reviewer to evaluate your ideas clearly,” says Blackburn.

Finally, persistence pays. It will be disheartening when proposals are not funded, but persistence is critical. Says HHMI’s Dixon, “Lots of good ideas have champions who persisted even when they didn’t get research funded on the first try.”

**Resources**

**Lederman Fellowships**

**Wilson Fellowships**
www.fnal.gov/pub/forphysicists/fellowships/robert_wilson/index.html

**Do’s and Don’ts for Grant Applications**

**DO** make a compelling case for why the question is important and must be addressed, and place this early in the proposal; after one page, the reviewer should be excited about the proposed research.

**DO** describe in detail who will provide the requisite expertise needed to accomplish the proposed research; establishing a collaboration is one of the easiest ways to ensure that the proper expertise is represented on an application.

**DO** write the proposal in such a way that any reviewer can understand it. Applicants should remember that proposals are evaluated by multiple reviewers with varying scientific expertise and backgrounds.

**DO** follow each and every rule of the funding guidelines.

**DO** make the proposal relevant to the program’s core objectives.

**DO NOT** present a continuation of doctoral work without a clear distinction of how this will advance the science to the next stage.

**DO NOT** propose too much; it is easy for a young investigator to become overly ambitious—and to be criticized as a result.

Virginia Gewin is a freelance writer based in Portland, Oregon.
DOI: 10.1126/science.opms.r0900077
In addition to an active personal research program, the Centre Director will be responsible, together with the Board of NCMM, for strategic leadership and recruitment of international group leaders. The Director is also expected to create fruitful interactions between NCMM and will be offered a contract for 4 years with possibility for renewal. The salary will be commensurate with qualifications based on the University salary system and the code SKO 1404 (salary range 610,300-1,020,000 NOK/71,000-119,000 Euro). The total budget for the Centre is estimated to 28-41 million NOK (3.3-4.8 million Euro) per year. The salary and the budget for the director's own research group are negotiable. The position is included in the Norwegian health insurance and retirement pension schemes.

The Director is expected to be a highly qualified scientist with an internationally leading position and demonstrated competence in developing his/her research field. Candidates must document experience in scientific and organizational leadership and an outstanding record of achievements in translational and molecular medicine. Qualification as a full professor is required. The Director should have experience in leadership of complex international projects/organisations and a track record in international science collaboration and administration.

Applicants should submit an electronic application which should include a CV, summary of present and future research plans (max. 4 pages, including a description of the 5 most important publications during the past 10 years), an outline of strategic views for the Centre (max. 4 pages), and the names and addresses of three references.

Informal enquiries should be addressed to the director of the board, professor Ragnhild A. Lothe, chair@ncmm.uio.no, telephone +47 22 78 17 28 or senior consultant Dr. Rolf I. Skotheim, telephone +47 22 78 17 27. Applications should be addressed to the Director of the board and sent electronically as a single pdf-file to the Centre for Molecular Medicine Norway at recruitment@ncmm.uio.no to arrive no later than October 1, 2009, marked REF. NCMM Director in the Subject line.
The Nordic EMBL Partnership for Molecular Medicine was established in 2007 as a joint venture between the European Molecular Biology Laboratory (EMBL) and the Universities of Helsinki, Finland, Oslo, Norway and Umeå, Sweden and involves building of national sister institutions in the three countries. The partnership between EMBL, the Institute for Molecular Medicine Finland (FIMM), the Centre for Molecular Medicine Norway (NCMM) and the Laboratory for Molecular Infection Medicine Sweden (MIMS) is dedicated to the growing field of life sciences that investigates the molecular basis of disease and explores molecularly and genetically based treatments. Aiming to combine complementary strengths in the Nordic EMBL Partnership each partner brings in a unique set of expertise, skills and facilities encompassing EMBL's recognized research strengths in the areas of molecular, cellular and developmental biology, bioinformatics and structural biology complemented by Norway's expertise in molecular mechanisms of disease, Sweden's focus on microbial pathogenicity and molecular infection medicine and Finland's strength in human genomics and medical systems biology which equip the partners to tackle some of the most challenging problems of biomedicine. The Partnership provides access to scientific infrastructure, including databases, facilities and instrumentation, as well as to clinical materials and networks and training activities provided by the partners and adopts the EMBL model for international recruitment, staff turnover and scientific reviews.

The Nordic EMBL Partnership is now seeking outstanding international candidates for the positions of

RESEARCH GROUP LEADERS

Successful candidates are expected to initiate new independent research programs with a clear relevance to molecular medicine in areas indicated below.

**FIMM: Helsinki, Finland**

> Molecular Medicine

Ref. no. F/2009/01

The Institute for Molecular Medicine Finland (FIMM) is a research institute focusing on building a bridge from discovery to medical applications. The research areas of FIMM include human genomics, medical systems biology and translational research. FIMM Technology Centre also develops infrastructures for genomics, bioinformatics, HTS and biobanks. This time, applications are sought in particular in the following fields: biomarkers, biobanks, personalized medicine, population genetics and genetic epidemiology. We are seeking young group leaders, who are not yet fully established as independent group leaders. Additional and novel contributions to existing FIMM and Meilahti campus expertise will be valued.

>>> www.fimm.fi

**NCMM: Oslo, Norway**

> Molecular Medicine – Disease Mechanisms

Ref. no. N/2009/12528

The overall objective of NCMM is to facilitate translation of discoveries in basic medical research into clinical practice. NCMM focuses particularly on disease mechanisms where Norway has clear strengths and will investigate mechanisms of non-communicable diseases, such as cancer, cardiovascular and CNS-related disease and immune disorders. NCMM will develop and adapt technologies for personalized medical applications and will be expected to unravel new diagnostic methods and drug targets. To facilitate translation and collaboration, NCMM plans for all group leaders to have adjunct appointments in university hospital departments. We are seeking outstanding candidates working with mechanisms of disease in relevant areas.

>>> www.ncmm.uio.no

**MIMS: Umeå, Sweden**

> Molecular Infection Medicine

Ref. no. S/2009/316-766-09

The aim of MIMS is to strengthen Swedish research and enhance the dynamics in the field of molecular medicine, partly by promoting the career opportunities for young scientists. MIMS is established within the Umeå Centre for Microbial Research (UCMR) that includes researchers in molecular and clinical microbiology, molecular biology, chemistry and physics and is closely connected to the university hospital. Successful candidates should have a record of outstanding research in fields relevant to molecular infection medicine and are expected to initiate and maintain strong research programs synergizing with the UCMR research environment and to take active part in collaborative research opportunities and exchange programs within the Nordic EMBL Partnership for Molecular Medicine.

>>> www.mims.se

For further details and more comprehensive job descriptions please visit the websites of the respective institutes.

Applications should include a covering letter summarizing the applicant’s career, past research accomplishments and future plans (max 1-2 pages), a CV and a list of publications (with 5 most significant publications indicated), a short research plan (max 5 pages) with a summary of expected translational, medical or public health impact and names of three references. Applications for all positions should be sent electronically as a single pdf-file to recruitment@ncmm.uio.no marked with the relevant reference number in the subject line by October 15, 2009.
Research Group Leader Opportunities

HEIDELBERG, GERMANY

CELL BIOLOGY & BIOPHYSICS Ref. no. S/09/076

The Cell Biology & Biophysics Unit has developed an interdisciplinary approach to cell biology where physicists work closely together with (bio-)chemists, cell and developmental biologists, geneticists and developers of advanced microscopy methods. The present constellation of groups covers a broad technological and conceptual field, ranging from cell biological to modelling/computer simulations as well as chemical biology. The research focuses on understanding the principles underlying the self-organisation and function of complex and dynamic cellular structures, such as the nucleus, cytoskeleton and endomembrane system, in the context of single cells and developing embryos. We seek innovative candidates working on such morphogenetic events in living cells. We will consider outstanding candidates from any area of cell biology. In addition, we would like to encourage applicants with a strong background in physics and an interest in the development of light microscopy methods or in modelling approaches.

DEVELOPMENTAL BIOLOGY Ref. no. S/09/073

The Developmental Biology Unit studies the development of multicellular organisms, from the cellular to the whole organism level, combining genetic, biochemical, genomic/proteomic, cell biological, comparative, computational and live-imaging approaches. Current research topics include cell fate specification and polarity, morphogenesis and organogenesis, neurodevelopment, evolution, genome organisation and RNA based control of development. We are seeking outstanding candidates addressing fundamental questions in developmental biology and their mechanistic basis.

STRUCTURAL & COMPUTATIONAL BIOLOGY Ref. no. S/09/072

The Structural & Computational Unit seeks an outstanding group leader in computational biology or bioinformatics with a research focus that is synergistic to existing activities in the Unit. The Unit’s vision is to integrate the various structural biology approaches (X-ray, NMR, electron microscopy, tomography and light microscopy) with computational, chemical and systems biology. We welcome candidates with experience in structural bioinformatics (e.g. modelling of protein complexes and their interactions/dynamics in a cellular context), image analysis (e.g. chemical-protein-network analysis), and transcriptional regulation/epigenetics (e.g. chromatin modification analysis).

GENOME BIOLOGY Ref. no. S/09/074

The Genome Biology Unit studies the molecular mechanisms by which genetic information is expressed and regulated to yield complex biological systems, and their diversity in eukaryotes. The Unit addresses questions at different scales, ranging from detailed mechanistic studies (using genetics, biochemistry and cell biology) to genome-wide studies (using functional genomic, proteomic and computational approaches). This powerful combination enables the Unit to dissect and model complex processes going from genotype to phenotype. We particularly encourage candidates with experience in global aspects of gene expression, stem cell biology or synthetic biology to apply, but welcome candidates with demonstrated excellence in any area of genome biology.

MICROFLUIDS/NANOTECHNOLOGY Ref. no. S/09/075

As part of the Genome Biology Unit, EMBL plans to expand its activities in the development and application of biological assays at the micro- and nanoscale. EMBL has cutting-edge technology development in the areas of genome biology, light microscopy, DNA sequencing and mass spectrometry, and established close links with institutes specialising in micro and nanoscience. To enable small volume, automated single cell or single molecule analysis of biological material, we particularly encourage candidates with experience in micro- or nanofluidic technology development (e.g. lab-on-chip devices) to apply. We also welcome candidates with demonstrated excellence in other areas of nanotechnology with biological applications.

HINXTON, UK

EUROPEAN BIOINFORMATICS INSTITUTE Ref. no. S/09/079/EBI

We are seeking an outstanding computational biologist to establish a new research group to complement our current research programme. EMBL-EBI is a global centre for biological data resources and computational biology research. We pursue many different aspects of biology, exploiting and helping to interpret and integrate biological data held in the databases. Current research topics include sequence analysis, functional and computational genomics, phylogeny, structural biology, regulatory control networks, neurobiology and literature/text mining. We invite outstanding candidates from any area of computational biology to apply, but are keen to strengthen our research in comparative genomics, human variation, biomedical informatics and novel algorithms/statistical approaches.

To apply, please email preferably as a single PDF-file: a cover letter, CV and a concise description of research interests & future research plans, quoting the corresponding reference number in the subject line, to application@embl.de by October 18, 2009. Please also arrange for 3 letters of recommendation to be emailed to references@embl.de.

For further details and more comprehensive job descriptions please visit our website at www.embl.org
Faculty Position
Genome Stability Group
University of Pittsburgh Cancer Institute

The University of Pittsburgh Cancer Institute (UPCI) and University of Pittsburgh has a strong program in Genome Stability and DNA Repair and seeks to recruit faculty at the junior and mid-career stage to develop outstanding research programs that bring approaches complementing our existing strengths. The current group consists of Chris Bakkenist, PhD (ATM signaling; DNA double–strand break repair); Laura Niedernhofer, PhD, MD (ERCC1; cross-link repair; mouse model of aging and cancer); Patty Oppen, PhD (DNA helicases; telomeric DNA damage, repair and replication); Vesna Rapic-Otrin, PhD (damage recognition by DDB; DDB-CUL4 E3 ligase and histone ubiquitination in chromatin); Robert Sobol, PhD (base excision repair; PARP & NAD+ signaling and metabolism; chemotherapeutic approaches in brain cancer); Ben Van Houten, PhD (structure-function of repair proteins; mitochondrial physiology); Yong Wan, PhD (ubiquitin-dependent proteolysis; cell cycle control; DNA damage responses). UPCI and University of Pittsburgh have world-class shared facilities including the Center for Biological Imaging (Simon Watkins, PhD) and the University of Pittsburgh Drug Discovery Institute (John Lazo, PhD). There are opportunities for extensive collaborations within the University of Pittsburgh Medical Center and Carnegie Mellon University, as well as opportunities for participation in related graduate programs.

Interested applicants working on problems in all aspects of genome stability, including, polymerase fidelity, DNA double-strand break repair, structure-function studies of DNA repair enzymes and DNA damage responses, are encouraged to apply. We seek exceptional candidates using state-of-the-art biochemical and molecular biology tools working in an array of biological systems. We are also interested in candidates combining high throughput screens with bioinformatic approaches for the analysis of large data sets. Candidates with a track record of independent funding and publications in high impact journals will be given the highest consideration.

Successful candidates will be expected to run a vibrant collaborative program supported by external funding. A competitive salary and research start-up package will be provided. The University of Pittsburgh School of Medicine is consistently among the top ten in NIH-funded medical schools in the U.S. and is located in one of America’s most livable cities.

Positions will be coordinated with Departments in the University of Pittsburgh and are tenure track. To apply, please send your curriculum vitae, a one-page summary of your research plans, and three letters of recommendation to: Bennett Van Houten, PhD, UPCI Research Pavilion, Hillman Cancer Center Suite 2.6, 5117 Centre Avenue, Pittsburgh, PA 15213-1863, email: vanhoutenb@upmc.edu. Applications will be reviewed and evaluated on an ongoing basis.

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

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EMBL

EMBL is building an integrated facility in structural biology at the new PETRA-3 synchrotron ring at DESY, Hamburg, Germany. The optical properties of PETRA-III will allow the operation of world-class synchrotron radiation beamlines from 2010/11, providing an ideal research environment for future challenges in structural biology.

Team Leader
Computational Infrastructures and Applications

The Team Leader will manage the local computer group at EMBL-Hamburg and develop novel software and associated infrastructure in cooperation with the researchers (e.g. for access to remote experiments, particularly for the synchrotron beamlines at PETRA-3 and the crystallisation facility). (S)he will administer and further develop the local network, database administration and web services using state-of-the-art technologies with a focus on a user-friendly scientific computer environment. The post holder also supervises and participates in installation, maintenance and development of applications for the outstation’s scientific user support, advanced training and research projects. Candidates should hold a PhD in a relevant field, have strong records in computational research and high level scientific/technical accomplishments.

For a complete job description and to apply please visit: www.embl.org/jobs

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Faculty Position in Genetics
Rank Open

The Department of Genetics (http://www.genetics.rutgers.edu) and the Human Genetics Institute of New Jersey seek an outstanding scientist to fill one of several new positions in Genetics. Researchers seeking a well-funded, diverse and interactive department are encouraged to apply. Areas of interest include but are not limited to: human genetics, population genetics, statistical genetics, developmental genetics, chromatin remodeling and epigenetics, complex genetic diseases, cancer genetics, neurogenetics and neuropsychiatric genetics, and functional genomics.

Candidates must have a Ph.D. and/or M.D., demonstrated ability to independently conduct and publish significant research, a strong record of grant support and an interest in teaching undergraduates and graduate students in the combined Ph.D. program (http://lifesci.rutgers.edu/~molbiocsl/). Appointments will be made at the Associate or Full Professor level, tenured or tenure-track. Exceptional candidates for Assistant Professor may be considered.

Laboratory space, core resources and startup funds will be provided in the newly constructed, state-of-the-art Human Genetics Institute on Rutgers’ Busch Campus. We are part of a vibrant life sciences community including the Waksman Institute, the Center for Advanced Biotechnology and Medicine, the Rutgers University Cell and DNA Repository, the Environmental and Occupational Health Sciences Institute, and the Robert Wood Johnson Medical School. The campus is located in suburban central New Jersey, close to New York City, Philadelphia, beaches, and countryside.

Applications should submit a CV, a statement of research interests, and full contact information for three individuals willing to provide a detailed evaluation of the candidate using the URL. http://genetics-facsearch.rutgers.edu/apply or to Sheri Lumpkin, Human Genetics Institute of New Jersey, Rutgers University, 145 Bevier Road, Room 130A, Piscataway, NJ 08854-8082. Review of applications will begin immediately and continue until a candidate is appointed.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.
Cornell University has established and endowed a new Weill Institute for Cell and Molecular Biology, [www.icmb.cornell.edu](http://www.icmb.cornell.edu). The Institute will consist of 12 faculty (currently 7 faculty in the Institute) as the core component in a $160M new research building, designed by renowned architect Richard Meier. Dr. Scott Emr relocated to Cornell in 2007 as the founding Director of the Institute. The goal of the Institute is to build a vibrant center of scientific excellence in basic biology integrated with existing outstanding programs in chemistry and chemical biology, physics, computational biology, and engineering. All Institute faculty are physically located in Weill Hall, but with full appointments in academic departments, to which they contribute teaching and service.

A tenure-track faculty position is available in the department of Biomedical Engineering (BME), [www.bme.cornell.edu](http://www.bme.cornell.edu). BME is a new department, located in Weill Hall, currently with 14 faculty, which was 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. The selected candidate will be appointed in both BME and 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 quantitatively address a fundamental question in molecular or cell biology (e.g. cell cycle, signaling, etc.) related to human health. Candidates whose research includes the use and development of instrumentation are also encouraged to apply.

Cornell University embraces diversity and seeks 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 also seeks to meet the needs of dual-career couples through 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.upstatelyherc.org](http://www.upstatelyherc.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.ecc.cornell.edu](https://fastbme.ecc.cornell.edu). In addition, applicants must arrange for three letters of recommendation to be sent to the same web site concurrent with the other application materials. The committee will evaluate completed applications received by November 30, 2009, with later applications being considered until the position is filled. Please direct questions to Dianna Marsh, Institute manager, at dmm20@cornell.edu.
SYSTEMS NEUROSCIENCE  

at Cornell University

The Department of Neurobiology and Behavior (NBB) invites applications for a tenure-track position as ASSISTANT PROFESSOR of neurobiology. Applicants must have a Ph.D. and investigate the neuronal basis of behavior. While the research area is broadly defined, topics of special interest include, but are not limited to, the neuronal basis of decision making; reward, learning, and memory; and senso- 

rperception. NBB is committed to innovative and interdisciplinary programs in the natural sciences and prides itself on its small class sizes. Many faculty members actively participate in collaborative research projects, both within the Department and with research groups at nearby colleges and universities. The position offers opportunities to teach in our Introductory Biology sequence, in advanced undergraduate courses including genetics, and in a laboratory course in the candidate’s field. In addition, there will be the opportunity to design and teach courses for nonscience majors. The specific focus of the research program is flexible and may include areas of microbiology, developmental biology, or neuro- 
biochemistry. That underpins the variety of approaches. A Ph.D. degree, postdoctoral experience, and a record of scholarly publication are required. The appointment will be made at the ASSISTANT PROFESSOR level to begin July 2010.

To apply, please submit curriculum vitae, a statement of teaching philosophy, along with a description of proposed research with equipment needs and arrange to have three letters of reference sent to: Molecular Biology Search Committee, W.M. Keck Science Center, The Claremont Colleges, 925 N. Mills Avenue, Claremont, CA 91711-5916. Any inquiries should be addressed to Prof. Emily Wiley, e-mail: ewiley@jdc.claremont.edu. Additional information about the Department may be found at website: http://www.jdc.claremont.edu. Review of applications will begin October 19, 2009, and the position will remain open until filled.

MOLECULAR BIOLOGY AND PHYSICS

Tenure-track, ASSISTANT PROFESSOR positions in behavioral biology, molecular genetics, and physics will be available in the Department of Biology and Physics at Kennesaw State University beginning August 2010. An earned Ph.D. in an appropriate discipline is required. Applicants should have a strong potential for developing an externally funded research program as well as postdoctoral experience. Preference will be given to applicants with demonstrated excellence in teaching at the college level. For a complete description of positions and specific application requirements, go to website: http://www.kennesaw.edu/ facultypositions/. Review of applications will commence on 9 October 2009 and will continue until the positions are filled. Submit a letter describing qualifications for the position, a statement of teaching philosophy, a statement of research interests, current and future laboratory space and instrumentation, a curriculum vitae, original published research, three letters of reference from three references: to: Dr. Dale Lynn Vogelien, Molecular Genetics Committee; Dr. Bill Ensign, Behavioral Biology Search Committee; Dr. Ronald McTague, Physics Search Committee. Address all correspondence to Dr. Vogelien at Department of Biology and Physics, Kennesaw State University, 1000 Chastain Road, #1202, Kennesaw, GA 30144-5591.

GRASSLAND BIOLOGY  

UNIVERSITY OF NORTH DAKOTA

Grassland Ecosystem Ecology/Wildlife Biology.

We seek to fill a TENURE-TRACK POSITION with open rank. The position is integral to our under- 
graduate and graduate program in fish and wildlife biology and will also strengthen the Department’s teaching and research mission in basic science. The individual will combine hypothesis-driven research on the role of disturbance (fire, mammalian predators, etc.) in grassland ecosystems with the ability to interact with resource management agencies. Teaching duties will not exceed two courses per year during the first sev- 

eral years. Courses taught will depend on the candi- 
date’s area of expertise and potentially include grassland ecology, management and restoration, mammalogy, conservation biology, for participation in a team-taught introductory biology course. The successful candidate will demonstrate the potential to establish a productive and externally funded research program and actively train M.S. and Ph.D. students.

Assistant Professor in Ecological Genomics of Grassland Plants. We seek to fill a temporary ASSIST- 

ANT PROFESSOR position with an individual who 

combines field and laboratory approaches for hypothesis-driven research on the genomic basis of plant adaptation to the extreme environment of the Northern Plains. Teaching duties each year will include systematic bot- 
any, an introduction to molecular biology laboratory 

and 30 years. Applications for two tenure-track positions with 

are an integral part of the culture of the institution.

The College is committed to enriching the diversity of its 

SSISTANT PROFESSOR in Ecological Genomics of 

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Avenue, Claremont, CA 91711-5916. Any inquiries should be addressed to Prof. Emily Wiley, e-mail: ewiley@jdc.claremont.edu. Additional information about the Department may be found at website: http://www.jdc.claremont.edu. Review of applications will begin October 19, 2009, and the position will remain open until filled.

To apply, please submit curriculum vitae, a state- 

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Science Center, The Claremont Colleges, 925 N. 
Mills Avenue, Claremont, CA 91711-5916. Any 

inquiries should be addressed to Prof. Emily Wiley, 

e-mail: ewiley@jdc.claremont.edu. Additional in- 
formation about the Department may be found at 
website: http://www.jdc.claremont.edu. Review of 
applications will begin October 19, 2009, and the 

position will remain open until filled.

Molecular Biology and the Neuroscience Program at Amherst College invite applications for a tenure-track position at the ASSISTANT PROFESSOR level in molecular neurobiology. The research pro- 

gram of the successful candidate will be one that 

will combine graduate and neuroscience majors. Teaching duties include development of a laboratory 

course in molecular neurobiology, teaching other courses in the candidate’s area, as well as rotation in team-taught introductory biology and neuroscience courses. A completed Ph.D. is required and postdoctoral experience is expected. Send curriculum vitae, three letters of reference to: Dr. Robert Newman (Grassland Ecosystem/Wildlife Biology) or Dr. Steven Ralph (Ecological Genomics), 10 Cornell Street Stop 9019, University of North Dakota, Grand Forks, ND 58202-9019. For more infor- 
mation see website: http://www.und.edu/dept/ 
biology/jobs.htm. The University of North Dakota is an Equal Opportunity/Affirmative Action Employer, and we strongly encourage applications from women and underrepresented groups.

MOLECULAR NEUROBIOLOGIST

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We seek to fill a TENURE-TRACK POSITION with open rank. The position is integral to our under- 
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eral years. Courses taught will depend on the candi- 
date’s area of expertise and potentially include grassland ecology, management and restoration, mammalogy, conservation biology, for participation in a team-taught introductory biology course. The successful candidate will demonstrate the potential to establish a productive and externally funded research program and actively train M.S. and Ph.D. students.

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The College is committed to enriching the diversity of its
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 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/](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](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](mailto: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.
CHEMICAL EDUCATION
College of Natural Sciences and Mathematics
Department of Chemistry and Biochemistry
California State University, Fullerton

The Department of Chemistry and Biochemistry at California State University, Fullerton invites applicants for a full-time, tenure-track position at the ASSISTANT PROFESSOR level beginning fall 2010. The successful candidate must be committed to excellence in teaching and research. Primary teaching responsibilities will be to teach courses in biochemistry lecture and laboratory courses at the undergraduate and graduate levels, with an opportunity to teach graduate courses in the Science Education Program for the Master of Arts in Teaching Science (MAT-S) degree. Applicants must have a doctorate in chemistry/biochemistry or in chemical education and have the potential to develop a vigorous chemical education research program involving undergraduate and graduate students that attracts external funding and leads to refereed publications. Post-doctoral experience or research in chemical education is preferred. Additional information is available from website: http://chemsvr2.fullerton.edu/ chair/chemsite/ChairChemEd.html. Applicants should send print copies of a letter explaining how they meet the qualifications outlined above, curriculum vitae, statements of teaching philosophy, chemical education research plans and goals, copies of two recent publications, and three signed letters of recommendation from individuals familiar with their teaching and research potential to: Chair, Chemical Education Search Committee, Department of Chemistry and Biochemistry, California State University, Fullerton, P.O. Box 6866, Fullerton, CA 92834-6866. Review of applications will begin October 15, 2009, and will continue until a suitable candidate is appointed. Salary is competitive and commensurate with experience and qualifications. CSUF is an Equal Employment Opportunity/Tide EX/503/504/VEVRA/ADA Employer. Women and minority candidates are particularly encouraged to apply.

ASSISTANT, ASSOCIATE, OR FULL RESEARCH PROFESSOR of Marine Sciences
School of Marine Sciences

The School of Marine Sciences (SMS, website: http://www.umaine.edu/marine/) seeks interactive marine scientists whose research overlaps those of other faculty in the School and in particular whose work would benefit from being located at the Darling Marine Center. Examples include, but are not limited to, marine chemists, marine biologists, marine ecologists, who could use its superb flowing seawater facilities to researchers interested in ocean observing, fisheries, or marine ecology who could take advantage of the proximity to diverse marine environments.

We especially seek individuals with demonstrated interest and ability in interdisciplinary collaboration between our core areas of aquaculture, marine biology, marine policy, and oceanography or between them and other fields of science or engineering. The individual must be able to demonstrate a successful history of grant submissions and awards. The nature of a startup package and continuing support will depend on qualifications and requirements of successful applicants.

Applications should include an up-to-date full curriculum vitae, including funding history, a selection of (re)prints, and a statement of research goals that demonstrate commitment to interdisciplinary collaboration as well as a list of three references from whom we may solicit further details. Send the entire submission as a single PDF file to: Sue Thibodeau, e-mail: susanne.thibodeau@umit.main.edu or mail to: 360 Aubert Hall, Orono, ME 04469. We encourage interested parties to contact the Director of the School of Marine Sciences, Pete Jumars, e-mail: jumars@maine.edu or other SMS faculty members closely allied with their interests to learn more about the opportunities. Review of applications will commence immediately.

ASSISTANT/ASSOCIATE PROFESSOR of Applied Mathematics or Statistics

The Science Programs at the Vancouver Campus and the Mathematics Department of Washington State University invite applications for one full-time, tenure-track Assistant or Associate Professor position in applied mathematics or statistics, located in Vancouver. The successful candidate will be a dynamic and collaborative faculty member with mathematical or statistical techniques to biological, physical, and/or environmental problems. Area of specialization is open, but exceptional scholars who complement the strengths of existing science faculty are encouraged to apply. Applicants must have a Ph.D. in mathematics, statistics, or a closely related field by date of hire, and must demonstrate high potential to establish an externally funded research program in mathematics/statistics that includes mentoring diverse graduate and undergraduate students. The successful candidate will have demonstrated the ability to teach undergraduate and graduate courses. WSU Vancouver is located across the Columbia River from Portland, Oregon, and offers significant opportunities for research and an excellent quality of life. For additional information, see website: http://www.vancouver.wsu.edu/programs/sci/.

Applications should submit electronically curriculum vitae, a teaching philosophy and interests, research accomplishments, and three letters of reference to e-mail: points@vancouver.wsu.edu or mail to: Sean Lyons, Applied Mathematics Search, Washington State University Vancouver, 19445 N.E. 83rd Street, Creek Ave., Vancouver, WA 98686-9600. Review of completed applications will begin on November 15, 2009.

Washington State University is an Equal Opportunity/Affirmative Action Educator and Employer. Members of groups underrepresented in mathematics are strongly encouraged to apply.

Positions Open

CHEMICAL EDUCATION
College of Natural Sciences and Mathematics
Department of Chemistry and Biochemistry
California State University, Fullerton

The Department of Chemistry and Biochemistry at California State University, Fullerton invites applicants for a full-time, tenure-track position at the ASSISTANT PROFESSOR level beginning fall 2010. The successful candidate must be committed to excellence in teaching and research. Primary teaching responsibilities will be to teach courses in biochemistry lecture and laboratory courses at the undergraduate and graduate levels, with an opportunity to teach graduate courses in the Science Education Program for the Master of Arts in Teaching Science (MAT-S) degree. Applicants must have a doctorate in chemistry/biochemistry or in chemical education and have the potential to develop a vigorous chemical education research program involving undergraduate and graduate students that attracts external funding and leads to refereed publications. Post-doctoral experience or research in chemical education is preferred. Additional information is available from website: http://chemsvr2.fullerton.edu/ chair/chemsite/ChairChemEd.html. Applicants should send print copies of a letter explaining how they meet the qualifications outlined above, curriculum vitae, statements of teaching philosophy, chemical education research plans and goals, copies of two recent publications, and three signed letters of recommendation from individuals familiar with their teaching and research potential to: Chair, Chemical Education Search Committee, Department of Chemistry and Biochemistry, California State University, Fullerton, P.O. Box 6866, Fullerton, CA 92834-6866. Review of applications will begin October 15, 2009, and will continue until a suitable candidate is appointed. Salary is competitive and commensurate with experience and qualifications. CSUF is an Equal Employment Opportunity/Tide EX/503/504/VEVRA/ADA Employer. Women and minority candidates are particularly encouraged to apply.

TERRESTRIAL ECOSOLOGIST
University of Wisconsin–Madison
Department of Zoology

Applicants must have a Ph.D. and publication history in an area of terrestrial ecology, such as biotic responses to global change (e.g., changes in climate, land use, and distribution of non-native species or pathogens) and/or interactions between organisms and ecosystem function (e.g., nutrient cycling or trophic relationships). Postdoctoral experience is strongly preferred. Our goal is to hire an individual with broad interests in terrestrial ecology and great promise for intellectual growth and scholarship who will augment our current expertise in these areas. It is important to note that we consider excellence in research and graduate training, ability to maintain a vigorous, externally funded research program and skill teaching of undergraduates. Teaching responsibilities will include general ecology, contributions to an introductory biology course, and development of a graduate course.

Please electronically send a single PDF file containing your cover letter, complete curriculum vitae, statement of research and teaching interests, and full contact information for three references to the Terrestrial Ecologist Search Committee, c/o e-mail: mnwonicke@wisc.edu.

Deadline: For full consideration, apply by 1 November 2010.

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

ASSISTANT/ASSOCIATE PROFESSOR of Marine Sciences
School of Marine Sciences

The School of Marine Sciences (SMS, website: http://www.umaine.edu/marine/) seeks interactive marine scientists whose research overlaps those of other faculty in the School and in particular whose work would benefit from being located at the Darling Marine Center. Examples include, but are not limited to, marine chemists, marine biologists, marine ecologists, who could use its superb flowing seawater facilities to researchers interested in ocean observing, fisheries, or marine ecology who could take advantage of the proximity to diverse marine environments.

We especially seek individuals with demonstrated interest and ability in interdisciplinary collaboration between our core areas of aquaculture, marine biology, marine policy, and oceanography or between them and other fields of science or engineering. The individual must be able to demonstrate a successful history of grant submissions and awards. The nature of a startup package and continuing support will depend on qualifications and requirements of successful applicants.

Applications should include an up-to-date full curriculum vitae, including funding history, a selection of (re)prints, and a statement of research goals that demonstrate commitment to interdisciplinary collaboration as well as a list of three references from whom we may solicit further details. Send the entire submission as a single PDF file to: Sue Thibodeau, e-mail: susanne.thibodeau@umit.main.edu or mail to: 360 Aubert Hall, Orono, ME 04469. We encourage interested parties to contact the Director of the School of Marine Sciences, Pete Jumars, e-mail: jumars@maine.edu or other SMS faculty members closely allied with their interests to learn more about the opportunities. Review of applications will commence immediately.

The University of Maine is an Equal Employment Opportunity/Fair-Affirmative Action Employer with an unusually strong record of spousal accommodation.

ASSISTANT/ASSOCIATE PROFESSOR of Applied Mathematics or Statistics

The Science Programs at the Vancouver Campus and the Mathematics Department of Washington State University invite applications for one full-time, tenure-track Assistant or Associate Professor position in applied mathematics or statistics, located in Vancouver. The successful candidate will be a dynamic and collaborative faculty member with mathematical or statistical techniques to biological, physical, and/or environmental problems. Area of specialization is open, but exceptional scholars who complement the strengths of existing science faculty are encouraged to apply. Applicants must have a Ph.D. in mathematics, statistics, or a closely related field by date of hire, and must demonstrate high potential to establish an externally funded research program in mathematics/statistics that includes mentoring diverse graduate and undergraduate students. The successful candidate will have demonstrated the ability to teach undergraduate and graduate courses. WSU Vancouver is located across the Columbia River from Portland, Oregon, and offers significant opportunities for research and an excellent quality of life. For additional information, see website: http://www.vancouver.wsu.edu/programs/sci/.

Applications should submit electronically curriculum vitae, a teaching philosophy and interests, research accomplishments, and three letters of reference to e-mail: points@vancouver.wsu.edu or mail to: Sean Lyons, Applied Mathematics Search, Washington State University Vancouver, 19445 N.E. 83rd Street, Creek Ave., Vancouver, WA 98686-9600. Review of completed applications will begin on November 15, 2009.

Washington State University is an Equal Opportunity/Affirmative Action Educator and Employer. Members of groups underrepresented in mathematics are strongly encouraged to apply.
We seek a dynamic, individual with impressive scientific credentials, strong and current research funding and the desire, ability and experience to lead a unique Department of Genetics with outstanding faculty, undergraduate majors and Ph.D. students (http://lifesci.rutgers.edu/~molbiosci/). The department was founded in 1998 and is closely affiliated with the Human Genetics Institute of New Jersey (HGINJ) and the Rutgers University Cell and DNA Repository (RUCDR: http://www.rucdr.org/). Genetics has 17 tenured or tenure track faculty and 12 research track faculty at all ranks and external research funding of ~$25 million per year. The new Chair will have resources to appoint new faculty and build upon a robust fiscal foundation. Candidates must qualify for the rank of Professor and be eligible for immediate tenure. Candidates with research interests in human genetics, disease genetics, evolutionary genetics, systems biology, statistical genetics, model systems with relevance to human traits as well as numerous other areas will be considered. The appointee will have a lab in the recently constructed Life Sciences Building and be eligible for membership in HGINJ.

Rutgers University hosts a vibrant life sciences community including the Waksman Institute, the Center for Advanced Biotechnology and Medicine, the Environmental and Occupational Health Sciences Institute, and the Robert Wood Johnson Medical School. The Rutgers Busch campus is located in suburban Piscataway in central New Jersey, close to New York City, Philadelphia, the shore, and countryside.

We are pleased to receive applications or external letters of nomination for this opportunity. Applicants should submit a CV and a statement of research interests to http://genetics-facsearch.rutgers.edu/applychair or to Sheri Lumpkin, Human Genetics Institute of New Jersey, Rutgers University, 145 Bevier Road, Room 130A, Piscataway, NJ 08854-8082. Additional information and links may be seen at http://www.genetics.rutgers.edu/.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.
ENDOWED CHAIR IN PHARMACOLOGY/ CHEMICAL BIOLOGY/ MEDICINAL CHEMISTRY

The University of South Carolina (USC) in Columbia, South Carolina, and the Medical University of South Carolina (MUSC) in Charleston, South Carolina, are jointly seeking an endowed chair to be located at either campus. Individuals with demonstrated expertise in the areas of pharmacology, chemical biology, or medicinal chemistry are encouraged to apply for the endowed chair for an endowed chair to be located at either campus. Individuals will be appointed to the interdisciplinary Center for tissue engineering 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 Excellence, including the Centers for Drug Discovery and Cancer Therapeutics, and are continuing a period of rapid growth in research that addresses unmet research needs and 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 names of three references to: Dr. Charles D. Smith, Department of Pharmaceutical and Biomedical Sciences, Medical University of South Carolina, MSC 140, Charleston, SC 29425. E-mail: smithchd@musc.edu. Nominations are also welcome. Review of applications will begin on October 16, 2009.

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

FACULTY POSITION

MOLECULAR BIOLOGY

The Biology Department at the Virginia Military Institute invites applications for a tenure-track position at the ASSISTANT/ASSOCIATE PROFESSOR level. VMI is a small, highly rated undergraduate institution with a strong emphasis on teaching and undergraduate research. The new hire will also be appointed to the interdisciplinary Center for Cellular, Molecular, and Biological Chemistry, which has well-equipped laboratories in all these areas. We seek an individual whose teaching and research interests focus on the intersection of basic biological, physical, and clinical sciences. The position will have a significant commitment to teaching introductory biology and developing molecular biology as well as genetics laboratory-based courses. It is expected that the successful applicant will be committed to undergraduate education and will develop an active research program in the department. Applicants should have an earned Ph.D. Postdoctoral and undergraduate teaching experience are highly desirable. Faculty wear uniforms and adhere to military customs, but military experience is not required. The starting date for this position is fall 2010. Candidates must apply online. Application details and link at website: http://www.vmi.edu/jobs.

Applications should include a cover letter, curriculum vitae, statement of teaching philosophy, and names of three references. Searches will continue until the position is filled. To apply, go to our website: http://hr.unc.edu/jobseekers to complete an online application and reference Recruit ID# 1000907. Contact Amanda Chang, e-mail: abc@med.unc.edu. The University of North Carolina at Chapel Hill is an Equal Opportunity Employer and represents minority groups are especially encouraged to apply.

FACULTY POSITION

PLANT BIOLOGIST

Applications are invited for a tenure-track ASSISTANT PROFESSOR position to begin August 2010. Teaching responsibilities will include an introductory botany course and contributing to the core biology sequence and upper division field botany/plant ecology. The successful candidate will be expected to develop an active research program that involves Master’s level and undergraduate students and attracts extramural funding. Area of research would be in plant ecology. Postdoctoral experience is expected. Applicants should submit a letter of application, curriculum vitae, reprints, statements of research interests and teaching philosophy, and three letters of recommendation to: Positions will remain open until filled. To apply, go to our website: http://hr.unc.edu/jobseekers to complete an online application and reference Recruit ID# 1000907. Contact Dr. George Mourad, Search Committee Chair, Department of Biology, Indiana University-Purdue University Fort Wayne, 2101 East Coliseum Boulevard, Fort Wayne, IN 46805. E-mail: mourad@ipfw.edu; website: http://www.ipfw.edu/bio/.


FACULTY POSITION

Basic Research in Infectious Diseases

The Division of Infectious Diseases of Children’s Hospital Boston announces a search for a new ASSISTANT PROFESSIONAL (M.D. or Ph.D.) to establish an independent research program with a focus in microbial pathogenesis or host response. The successful candidate will hold a Faculty appointment at Harvard Medical School and will be involved in two major programs. Details are available at: Infectious Diseases Search Committee, c/o Ms. Maria Crenshaw, e-mail: maria.crenshaw@childrens.harvard.edu. Children’s Hospital Boston and Harvard Medical School are Equal Opportunity Employers; women and minority candidates are encouraged to apply.

FACULTY POSITIONS in Molecular Cancer Research

The Department of Biochemistry and Molecular Biology at The George Washington University Medical Center invites applications for tenure-track ASSISTANT/ ASSOCIATE PROFESSORS. We seek outstanding candidates with demonstrated excellence in cancer research. Areas of research interest include nuclear and growth factor receptors, signal transduction, transcription, and chromatin remodeling. The Medical Center is located in downtown Washington, D.C., and offers extensive opportunities for collaborative research. The GW University will provide a competitive startup package to successful candidates. Basic qualifications: Applicants must hold a Ph.D. and/or M.D. degree in an appropriate discipline and have extramural funding for consideration of Associate Professorship. Application process: Interested applicants must send complete curriculum vitae, a statement of current and future research interests (limited to three pages), and the names and addresses of three references to: Rakesh Kumar, Ph.D., Professor and Chair, Department of Biochemistry and Molecular Biology, Faculty Search, The George Washington University Medical Center, School of Medicine and Health Sciences, 2300 Eye Street, N.W., Washington, DC 20037 or via e-mail: bcmdjiu@gwu.edu. Review of applications by the Search Committee began on March 6, 2009, and will continue until positions are filled. Only complete applications will be considered.

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

FACULTY POSITION

Computational Biophysics

Wake Forest University invites applications for a tenure-track faculty position at the level of ASSISTANT PROFESSOR with a joint appointment in the Departments of Computer Science and Physics to begin in the fall semester of 2010. Applicants should have completed a Ph.D. in an appropriate field by the time of appointment. Wake Forest University is a highly ranked, private university with about 4,500 undergraduates, 750 graduate students, and 1,700 students in the professional schools of medicine, law, divinity, and business. The new faculty member will have a research program involving biophysics with approximately one-third of the departmental faculty working in that field. Several computer science faculty are actively engaged in scientific computing, computational systems biology, biological modeling, and bioinformatics. Interdisciplinary research is highly valued and encouraged by the departments and University. The successful candidate will have a strong research record in computational biophysics. The candidate should also have demonstrated ability to teach courses relating to topics in physics, biophysics, or computer science. The successful candidate will be expected to teach in both departments at the undergraduate and graduate levels. Excellence in research and teaching, and obtaining extramural funding will be expected. Applicants should send a copy of their curriculum vitae, a statement regarding their research interests and teaching philosophy, and the names and addresses of three references to: Computational Biophysics Search Committee, Box 7507, Wake Forest University, Winston-Salem, NC 27109-7507. Application materials can be sent electronically in the form of a single PDF document to e-mail: physics@wfu.edu. Applications will begin November 1, 2009, and will continue through January 15, 2010. More information is available at website: http://www.wfu.edu/ophy/recruiting/.

Wake Forest University is an Equal Opportunity/Affirmative Action Employer.
University of Massachusetts Medical School
Program in Bioinformatics and Integrative Biology

The newly established Program in Bioinformatics and Integrative Biology continues to invite applications for tenure-track or senior tenured professor positions. We are seeking innovative, energetic and collaborative individuals who plan to develop strong computational research programs to tackle problems in one of the following areas: regulatory genomics, comparative genomics, systems biology, RNA biology, evolutionary biology, statistical genetics, or proteomics. Exceptionally strong candidates in other computational biology areas will also be considered. Wet bench research space can be arranged for individuals who are interested in performing experiments to augment their computational efforts.

The Program in Bioinformatics and Integrative Biology is housed in a state-of-the-art research building with the neighboring Departments of Biochemistry and Molecular Pharmacology, Neurobiology, Cancer Biology, Medicine, and the Program in Gene Function and Expression. The Program has high-performance computing facilities and a full-time systems administrator to support the research activities of its faculty. Salary and start-up package will be competitive and commensurate with the high level of accomplishment expected for successful applicants.

Applicants should submit a cover letter explaining their interest in the Program, a curriculum vitae that includes honors, publications, and a succinct research plan to http://www.academicjobsonline.org. To expedite the review process, applicants should invite three individuals who are familiar with your work and potential for success to upload their recommendation letters at the same web address. Applications will be reviewed expeditiously, and interviews will begin in November, 2009. Inquiries, but not application materials, may be directed to Professor Zhiping Weng at zhiping.weng@umassmed.edu.

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.

Endowed Chair in Tropical Ecology
Department of Biology
College of Arts and Sciences
Coral Gables, Florida

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. Ph.D required. Appointments will be made at the associate professor or professor rank.

Send nominations or applications (CV, statement of research and teaching interests) to ArestyChair@bio.miami.edu.

Applications received by December 1, 2009 will receive the fullest attention.

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 South Florida, the gateway to the tropics, we have a strong commitment to excellence in Tropical Biology.

The University of Miami is an Equal Opportunity/Affirmative Action Employer: Women and minorities are particularly encouraged to apply.
The Department of Biochemistry at the University of Wisconsin–Madison (website: http://www.biochem.wisc.edu) invites applications for a position in biochemistry at the ASSISTANT PROFESSOR level. The Department is interested in candidates working at the cutting edge in all areas of biochemistry (e.g., chemical, structural, cellular, developmental, and physiological). The University and Department provide an excellent environment for the development of an outstanding research program. The successful candidate will be expected to develop a research program, which is externally funded, and to participate in the undergraduate and graduate teaching programs of the Department. The University and community service is also expected as appropriate. PDF applications should include a curriculum vitae, a list of publications, and a brief summary of accomplishments and directions of future research. Materials should be sent to e-mail: facultysearch@biochem.wisc.edu. Three letters of reference should be forwarded to the same address with applicant’s name in the header. Applications should be completed by October 15, 2009.

FACULTY POSITION
Mathematics and Biological Sciences

The Departments of Mathematics and Biological Sciences in the College of Science, Purdue University, invite applications for a joint tenure-track faculty position in mathematical biology in the area of dynamical systems. The primary department of appointment will be the Department of Mathematics. Potential areas of research interests include: (1) evolutionary dynamics and intervention and control in infectious diseases and (2) dynamics and modeling of cells and coupled systems of cells.

Applicants must have a Ph.D. or equivalent in an appropriate discipline and some postdoctoral experience. The appointment will be made at the ASSISTANT or ASSOCIATE PROFESSOR level. The successful applicant is expected to conduct research in mathematical biology to address fundamental questions in the areas listed above, teach undergraduate and/or graduate students, and participate in ongoing programs in both departments.

Applications should be submitted online through website: http://www.mathjobs.org and should include the following: (1) a curriculum vitae, (2) a brief description of research interests, (3) a research description, and (4) three letters of recommendation. Send applications online through website: http://www.mathjobs.org. The application must be submitted by August 15, 2009.

The University of Tennessee is an Equal Opportunity/Affirmative Action/Title VI/Title IX/Section 504 ADA/ADAP institution in the provision of its education and employment programs and services.

The University of Tennessee Health Science Center, the University of Tennessee Medical Center, and the University of Tennessee College of Medicine seek candidates to join our faculty. We invite applications from outstanding candidates for tenure-track positions (ASSISTANT and ASSOCIATE PROFESSOR) in both departments. These positions offer outstanding startup funds, highly competitive salaries, new laboratory space, and access to important biological problems. Can-

FACULTY POSITION
Department of Orthopaedic Surgery/Campbell Clinic

The University of Tennessee Health Science Center Department of Orthopaedic Surgery seeks applications and/or nominations for the J. R. Hyde Chair of Excellence with an emphasis in research. UTHSC has established a Center of Excellence in Connective Tissue Diseases with the goal of developing one of the premier musculoskeletal research centers in the nation.

Interested candidates are encouraged to contact: Steven J. Barcs, Ph.D., telephone: 901-448-1799 or e-mail: sbares@utmem.edu. Qualified applicants must submit a letter of interest accompanied by curriculum vitae and the names and addresses of at least three references to: Polly A Hofmann, Ph.D., Associate Dean of Faculty Affairs College of Medicine, University of Tennessee Health Science Center, P.O. Box 358163, Memphis, TN 38163. Reviews of applications will begin immediately and will continue until the position is filled.

The University of Tennessee is an Equal Employment Opportunity/Affirmative Action/Title VI/Title IX/Section 504 ADA/ADAP institution in the provision of its education and employment programs and services.

FACULTY POSITIONS
The Lillehei Heart Institute, University of Minnesota

The Lillehei Heart Institute at the University of Minnesota–Minneapolis seeks exceptional, interactive and collaborative scientists and clinicians to join our faculty. We invite applications from outstanding candidates for tenure-track positions (ASSISTANT and ASSOCIATE PROFESSOR) in both departments. These positions offer excellent research facilities, highly competitive salaries, new laboratory space, and access to state-of-the-art core facilities in an interactive and collaborative environment. Of particular interest are candidates having a research focus in cardiovascular diseases, stem cell and iPSC biology, signaling pathways in hypertrophy and heart failure, vascular biology, microRNAs and molecular physiology. Interested applicants should provide curriculum vitae and a two- to five-page statement of current research interests and future plans and should have three letters of recommendation sent directly to the following e-mail addresses:

Daniel J. Garry, M.D., Ph.D., Chief, Cardiovascular Division Director, Lillehei Heart Institute 312 Church Street S.E., Room 4-112 NHG University of Minnesota Minneapolis, MN 55455 E-mail: garry@umn.edu

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

FACULTY POSITION
Department of Biology, Johns Hopkins University

The Johns Hopkins University Department of Biology invites applications for two tenure-track/tenured faculty appointments from those employing innovative approaches to important biological problems. Candidates will be expected to establish a vigorous research program and to participate in undergraduate and graduate teaching. Applications at ASSISTANT, ASSOCIATE, and FULL PROFESSOR levels will be considered. The positions will begin in 2010-11. Please submit a curriculum vitae, and statements of current and planned research and teaching interests/philosophy as a single PDF file to e-mail: bio-facsearch@jhu.edu. Arrange to have three letters of recommendation sent to the same e-mail address or to: Chair, Search Committee, Department of Biology, Krieger School of Arts and Sciences, Johns Hopkins University, 3400 N. Charles Street, Baltimore, MD 21218. The deadline for receipt of all materials is November 1, 2009. Website: http://www.bio.jhu.edu/.

Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS
OPEN

The Department of Pharmacology and Toxicology is continuing recruitment for three tenure-track faculty positions at the ASSISTANT or ASSOCIATE PROFESSOR levels as 12-month, fully-funded appointments. Applicants should have research interest in drug discovery, targeted therapeutic approaches, neuropharmacology, receptors, molecular recognition, signal transduction, and/or development of new therapeutics (e.g., monoclonal antibodies, small molecules, gene therapy, pharmacogenomics, and/or development of new drug delivery systems). Send applications to website: http://www.mathjobs.org. If you are interested in these positions, please indicate in your application that you are applying for the position of Pharmacology and Toxicology. The Department encourages 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.

Penn State York invites applications for a tenure-track ASSISTANT PROFESSOR of biology to begin August 2010. Teach undergraduate courses in biology and environmental science major and junior-level courses in microbiology and immunology. Research and service expected. Seeking Ph.D. in life sciences/biological sciences with emphasis on microbiology to complement current faculty. Prefer candidates with training and/or prior experience in microbiology, immunology, or a closely related field. To learn about the campus and Penn State York, visit website: http://www.psu.edu/ur/cmpcoll. html. To learn about the position and how to apply, visit website: http://www.psu.jobs/Search/Opportunities.html and follow the Faculty link. Affirmative Action/Equal Opportunity Employer.

Penn State York invites applications for a tenure-track ASSISTANT PROFESSOR of biology to begin August 2010. Teach undergraduate courses in biology and environmental science major and junior-level courses in microbiology and immunology. Research and service expected. Seeking Ph.D. in life sciences/biological sciences with emphasis on microbiology to complement current faculty. Prefer candidates with training and/or prior experience in microbiology, immunology, or a closely related field. To learn about the campus and Penn State York, visit website: http://www.psu.edu/ur/cmpcoll. html. To learn about the position and how to apply, visit website: http://www.psu.jobs/Search/Opportunities.html and follow the Faculty link. Affirmative Action/Equal Opportunity Employer.

Penn State York invites applications for a tenure-track ASSISTANT PROFESSOR of biology to begin August 2010. Teach undergraduate courses in biology and environmental science major and junior-level courses in microbiology and immunology. Research and service expected. Seeking Ph.D. in life sciences/biological sciences with emphasis on microbiology to complement current faculty. Prefer candidates with training and/or prior experience in microbiology, immunology, or a closely related field. To learn about the campus and Penn State York, visit website: http://www.psu.edu/ur/cmpcoll. html. To learn about the position and how to apply, visit website: http://www.psu.jobs/Search/Opportunities.html and follow the Faculty link. Affirmative Action/Equal Opportunity Employer.
FACULTY POSITION
STRUCTURAL BIOLOGY

The UNC Eshelman School of Pharmacy and the Lineberger Comprehensive Cancer Center at the University of North Carolina at Chapel Hill invite applications for a faculty position in structural biology with emphasis on cancer research and epigenetics. The position will be in the School of Pharmacy’s Division of Medicinal Chemistry and Natural Products with joint appointment in the Center for Integrative Chemical Biology and Drug Discovery (CICBDD). This new position will enhance the focus on epigenetics within the CICBDD in order to enable design and discovery of small molecule probes in this important area. Preference will be given to candidates at the level of Associate Professor, but 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 resource and expertise to enable the translation of UNC basic scientific discoveries into novel human therapeutics (http://www.pharmacy.unc.edu/cicbッド). The Center is housed in the Genetic Medicine Building, a new 5-story facility shared by the School of Medicine and the UNC Eshelman School of Pharmacy. 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. or equivalent in chemistry, biochemistry or related disciplines, postdoctoral research experience and a record of outstanding achievement.

Interested candidates must submit the following materials directly to dearry@email.unc.edu as a single PDF file: complete curriculum vitae with a summary of publications and funding, a concise description of research plans, and the names and contact information of three potential references. Application review will begin November 1, 2009.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.
Women and members of under-represented minority groups are especially encouraged to apply.

Assistant/Associate Professor of Anatomy

Kansas City University of Medicine and Biosciences seeks candidates for the position of Assistant or Associate Professor of Anatomy. The successful candidate must have a Ph.D. in Anatomy or related discipline, and experience teaching human gross anatomy. Duties will include teaching in selected sections of clinically oriented human gross anatomy, participating in the dissection lab, and teaching some lectures in histology or embryology. The successful applicant may also elect to participate in teaching within graduate programs in the College of Biosciences or mentor Anatomy Fellows in research. Successful applicants will be expected to maintain ongoing, productive scholarly activity. History of or potential for successful extramural funding is desirable.

Specific questions may be directed to: Robert E. Stephens, Ph.D., Professor and Chair, Anatomy, 1-800-234-4847, ext. 2244 or 816-283-2244; rstephens@kcumb.edu.

Please visit www.kcumb.edu and click on “Employment” to view remainder of the ad and for CV submission instructions.

Faculty Positions in Physiology

The Department of Physiology seeks outstanding individuals with creative, rigorous and integrative research approaches to key physiological processes. Suitable candidates must have a Ph.D. and/or an M.D. degree; have exceptional promise and a proven record of research achievements. 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. Our philosophy is to integrate the growing body of information on molecular and cellular processes into functionally relevant contexts that translate into important medical advances. Therefore, we are especially interested in individuals who relate the properties of individual proteins to 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 http://www.hopkinsmedicine.org/ibbs/index.html) and will actively participate in the graduate programs in Cellular and Molecular Physiology and in Biochemistry, Cellular and Molecular Biology 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, 2009. The deadline to submit applications is Wednesday, December 23, 2009. Applicants should provide one electronic (PDF) document that includes a curriculum vitae, statement of research plans, copies of relevant publications and contact information of three to five referees 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 UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER

ASSISTANT PROFESSORS. The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track Assistant Professor positions. Calibrating the unique interdisciplinary, innovative optical, mechanical, electrical, molecular biological, or computational methods with important applications to physiological systems, ranging from individual genes and proteins to cells and organs, are encouraged to join the scientific excellence of the candidates is more important than the specific area of research.

These positions are part of the continuing growth of the Departments of Biology, and on-going academic medical centers will be supported by significant laboratory space on our new campus, competitive salaries, and exceptional startup packages. The University of Texas Southwestern Medical Center is the scientific home to four Nobel Prize laureates, 17 members of the National Academy of Sciences, and 17 members of the Institute of Medicine. UT Southwestern conducts more than $3.5 billion research projects annually totaling more than $400 million.

Applicants should submit curriculum vitae along with a brief statement of research plans and should arrange to have three letters of reference sent to: James Stull, Ph.D., c/o Ronald Doris, Department of Physiology, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75390-9040. UT Southwestern strongly encourages applications from women, minorities, and people with physical challenges.

THE ENDOWMENT FOR SCHOLARS IN BIOMEDICAL RESEARCH At The University of Texas Southwestern Medical Center

University of Texas Southwestern Medical Center is pleased to announce the continuation of the Endowed Program by offering five positions. The Program, which is fully funded from private endowment, will provide at least $1 million over four years to support the research activities of new ASSISTANT PROFESSOR (tenure track) appointed to the Program. Academic appointments and research space will be provided by individual medical school departments or research centers. Positions in both basic science and clinical departments are available. The goal of the program is to secure a successful beginning of the research careers of an ever-growing cadre of outstanding and creative investigators at UT Southwestern.

For detailed information about current faculty positions, please access our website: http://www.southwestern.edu/utsw/home/scholars/index.html.

SOUTHWESTERN The University of Texas Southwestern Medical Center

At the University of Texas Southwestern Medical Center we encourage applications from faculty and staff and strongly encourage applications from women, minorities, individuals with disabilities, and covered veterans.

UNIVERSITY OF ROCHESTER. The Department of Chemistry invites applications in all areas of chemistry at the ASSOCIATE, ASSOCIATE, and FULL PROFESSOR levels. Candidates are expected to establish an outstanding program of original research and to be effective teachers at the graduate and undergraduate levels. Application materials should preferably be submitted online at: https://www2.chem.rochester.edu/facultyapp/. Alternatively, send curriculum vitae indicating graduate and postdoctoral advisors along with a statement of research plans and teaching interests and arrange for three letters of recommendation to be sent to: Ms. Karen Dean, Department of Chemistry, University of Rochester, RC Box 270216, Rochester, NY 14627-0216. Review of completed applications will begin on October 1, 2009. The University of Rochester has a strong commitment to diversity and actively encourages applications from candidates groups underrepresented in higher education. The University is an Equal Opportunity Institution.

Assistant Professor

The University of Chicago, Department of Chemistry

The Department of Chemistry at the University of Chicago invites applications for an ASSISTANT PROFESSOR position in Virology/Viral Immunology.

The Department of Virology/Viral Immunology in the Department of Chemistry at the University of Chicago invites applications for a tenure-track position in the area of research.

Applicants must upload a cover letter, curriculum vitae, a list of publications, and a succinct statement of research plans and should arrange to have three letters of reference sent to: Assistant Professor Search Committee, c/o Karen Dean, Department of Chemistry, University of Rochester, RC Box 270216, Rochester, NY 14627-0216. Review of completed applications will begin on October 1, 2009. The University of Rochester has a strong commitment to diversity and actively encourages applications from candidates groups underrepresented in higher education. The University is an Equal Opportunity Institution.
Neuroscience Faculty Position

The Stanford Institute for Neuro-Innovation and Translational Neurosciences (SINuTc) is searching for a basic neuroscientist focusing on synapses or circuits, to be appointed at either the Assistant or Associate Professor level in the University Tenure Line (UTL). The overriding requirement for faculty appointment, reappointment and promotion within the UTL must be distinguished performance, or (in the case of junior faculty) the promise of distinguished performance. There should be a major commitment to research and teaching. There must be outstanding accomplishments in research and excellent overall performance in teaching, as well as in clinical care and institutional service appropriate to the programmatic need the individual is expected to fulfill.

We seek an outstanding neuroscientist who uses state-of-the-art approaches to study some aspect of the cellular/molecular basis of synaptic/circuit function in the normal or diseased brain. Primary and secondary departmental affiliations are flexible and will be tailored for the successful candidate. There should be a major commitment to research and teaching. Please submit a curriculum vitae, statement of research interests and 3 reference letters to Axel Brunger, PhD, c/o Kristy Verhines, SINuTc, 1215 Welch Road, B41, Stanford, CA 94305-5400, with an electronic copy of the letter and curriculum vitae to ksn@stanford.edu.

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

Cancer Institute

TENURE TRACK FACULTY POSITIONS
The University of Oklahoma Health Sciences Center

The University of Oklahoma Cancer Institute (OUCI) at the OUHSC invites applications for tenure track positions to join the ongoing expansion and development of the OUCI. Selected candidates will bridge their membership in the OUCI with an appointment in an academic department. For additional information, please visit www.OUCancer.org.

We seek junior, mid-career, and senior investigators interested in maintaining vigorous, extramurally funded research programs in cancer research, emphasizing cutting-edge areas of mechanistic molecular and cell signaling. Existing research strengths at the OUCI include Cancer Biology, Women’s Cancers, Cancer Chemoprevention, Gastrointestinal Cancers, and Community Cancer Prevention and Control. Expertise in all areas of cancer research will be considered. Applicants should possess a Ph.D., M.D., or equivalent degree in a relevant discipline, and have demonstrated potential for excellence in research. Rank and salary will be commensurate with qualifications.

The positions include competitive salary, multi-year start-up package, and modern laboratory space. Additional local funding is available on a competitive basis through the Oklahoma Center for the Advancement of Science and Technology and The Presbyterian Health Foundation. Senior investigators will be eligible for Endowed Chair positions. OUHSC campus maintains outstanding Core Facilities that support live cell imaging, flow cytometry, proteomics, mouse genetics, advanced magnetic resonance imaging, glycobiology, crystallography, high throughput array analysis for DNA/miRNA expression profiling and sequencing.

Applicants should provide electronic copies of a cover letter stating area of expertise, qualifications, synopsis of professional goals, research interests, curriculum vitae, and e-mail addresses for three references to Alisha-Booth@ouhs.edu. Confidential enquiries may be addressed to Danny N. Dhanasekaran, Ph.D., at danny-dhanasekaran@ouhs.edu. The review process will begin from October 1, 2009.

The University of Oklahoma is an Equal Opportunity Employer.

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

Associate or Full Professors in Pharmacology
(2 positions open)
at the Department of Pharmacology and Toxicology

Starting date: August 1st, 2010 at the earliest.

We seek outstanding applicants with a record of excellence in research, who have proven their ability to develop and apply new interdisciplinary concepts in the general field of pharmacology. Areas of interest include – but are not limited to – the structure, function, regulation, pharmacology, pharmacogenetics and pharmacogenomics of G-protein-coupled receptors, ion channels/transporters, nuclear receptors, drug transporters, drug metabolizing enzymes, proteases, therapeutic peptides.

The academic titles required are PhD, MD or MD/PhD; special consideration will be given to scientists with a MD degree for one of the positions.

The successful applicants are expected to lead a strong, independent research program, attract external funding, and promote translational research and interactions with clinical departments. They will participate in teaching basic pharmacology to medical and biology students at undergraduate and post-graduate levels.

The job descriptions are available on the Internet site www.unil.ch/fbm/page64812.html. Further information may be obtained from Prof. Patrick Francioli, Dean of the Faculty of Biology and Medicine, rue du Bugnon 21, 1011 Lausanne, Switzerland.

The University of Lausanne wishes to promote the access of women to academic careers and encourages applications from women.
The Department of Chemistry and Biochemistry at the University of Texas at Austin invites applications for tenure-track positions at the ASSISTANT PROFESSOR level. All areas of chemistry and biochemistry will be considered, but those involving interdisciplinary fields are especially encouraged. For additional information and applicant instructions, visit website: http://www.chem.utexas.edu. Applications received after October 16, 2009, may not receive full consideration. The University of Texas is an Equal Opportunity and Affirmative Action Employer.

MICROBIAL ECOLOGY

The Department of Biological Sciences at Marquette University invites applications for a full-time, tenure-track position at the ASSISTANT PROFESSOR level in the area of microbial ecology. Research interests could involve biofilms, aquatic microorganisms, or other disciplines in environmental microbiology. The successful candidate will be expected to establish an innovative, externally funded research program using contemporary molecular approaches. A successful applicant will also be expected to advise students and engage in service and teaching activities. The successful candidate will be expected to advise students and engage in service and teaching activities. The successful candidate will be expected to advise students and engage in service and teaching activities. Send curriculum vitae, statement of research and teaching interests, and three letters of recommendation to the Search Committee, Department of Biological Sciences, P.O. Box 1881, Marquette University, Milwaukee, WI 53201-1881. Review of applications will begin November 1, 2009 and continue until the position is filled. Marquette University is an Equal Opportunity Affirmative Action Employer.

The Department of Chemistry at the College of William and Mary invites applications for two faculty appointments beginning in August 2010: (1) tenure-track ASSISTANT PROFESSOR (requires a Ph.D. and postdoctoral experience) and (2) Gottwald Professor endowed chair (ASSOCIATE PROFESSOR or higher with an applied research emphasis preferred). The research areas of both positions are open, but those focusing on biophysical, bioanalytical, environmental, and materials chemistry are desirable. The Department’s fundamental commitment and strengths are in undergraduate teaching and research. In addition, the Department offers the Master of Science and Ph.D. degree and can participate in interdisciplinary Ph.D. programs. Successful candidates will be expected to establish externally funded research programs and to teach at all levels in the curriculum. More detailed descriptions are provided at website: http://www.wm.edu/chem. Review begins October 12, 2009, and will continue until appointments are made. For full consideration, submit a letter of application to: http://jobs.wm.edu. A cover letter, curriculum vitae, statement of research plans and teaching philosophy should be sent to: Faculty Search Committee, c/o Ms. Patricia Hilger, Department of Chemistry, The College of William and Mary, PO Box 8795, Williamsburg, VA 23187-8795. Assistant Professor candidates should arrange to have three letters of recommendation and transcripts sent to the above. Gottwald candidates will be asked for references after initial interviews. The College of William and Mary is an Equal Employment Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR in crop science/physiology, Department of Agronomy, Iowa State University, website: http://www.iastatejobs.com/applicants/Central?quickFind=77866

ASSISTANT PROFESSOR

The Department of Chemistry and Biochemistry at Denison University invites applications for a tenure-track position at the Assistant Professor level in analytical chemistry, starting fall 2010. Successful candidates will demonstrate a strong commitment to teaching at the undergraduate level and the capacity to develop a productive research program that involves undergraduates. Preference will be given to candidates whose research interests expand the diversity of research opportunities available to our students, such as applications to environmental or materials science. Teaching responsibilities will include general and analytical chemistry and an advanced course in the candidate’s field of expertise. Our College is committed to attracting and supporting an academically and culturally diverse faculty. Applicants should include in their application materials creative ideas for how they will foster a classroom and research environment that engages students from diverse backgrounds. This position is required and postdoctoral experience is preferred.

Denison University is a selective and nationally ranked, residential, liberal arts college located in central Ohio, 30 minutes east of Columbus and about two hours from the metropolitan centers of Pittsburgh, Pennsylvania and Cleveland, Ohio. Our American Chemical Society-accredited Department currently has nine full-time, tenure-track faculty and has grown steadily over the past decade. We have well-developed programs in both chemistry and biochemistry, excellent classrooms and laboratory facilities, extensive computer resources, and a broad range of instrumentation that is used in both teaching and research. Substantial startup funds for research will be available.

Send curriculum vitae, statement of teaching philosophy, and a summary of research plans. These materials and three letters of recommendation should be submitted online at website: www.denison.edu/chemistry or sent to: Professor Edward K. Sander, Chair, Department of Chemistry, Denison University, 136 Chemistry Hall, 1 Denison Way, Granville, OH 43023. Deadline for applications is November 1, 2009. Electronic files should be sent to: e-mail: cbrezcek@jhu.edu. Applicants should also request that three letters of recommendation be sent electronically or to the address below:

Dr. Gerald W. Hart
Director of Graduate Studies
Denison University
Department of Chemistry
725 North Wolfe Street
Baltimore, MD 21205-2185

Equal Opportunity/Affirmative Action Employer.

INSTRUCTOR OR ASSISTANT PROFESSOR LEVEL

Bioinformatics Researcher

The Bioinformatics Researcher at the Beth Israel Deaconess Medical Center (BIDMC), a teaching facility of Harvard Medical School, seeks applications at the level of Instructor or Assistant Professor in the Department of Medicine to serve in a part-time appointment at Beth Israel Deaconess Medical Center in the Division of Interdisciplinary Medicine and Biotechnology, Department of Medicine, which will utilize approximately 25 percent of the candidate’s time at BIDMC where he/she will be running a research informatics core. The applicant should ideally hold a Ph.D. in computer science, with a focus on biomedical/clinical informatics and an M.D. degree. Experience in encoding, searching, or processing large datasets, in building of electronic medical records systems, and in software tools involved in clinical trial data management is highly desirable.

Applications are also encouraged from individuals with a focus on any area of biomedical/clinical informatics. Letters of application along with curriculum vitae should be sent by September 30, 2009, to: Vikas P. Sukhatme, M.D., Ph.D., Chief, Division of Interdisciplinary Medicine and Biotechnology, Department of Medicine, Beth Israel Deaconess Medical Center, 330 Brookline Avenue, Boston, MA 02215

Harvard Medical School and the Beth Israel Deaconess Medical Center are Equal Opportunity/Affirmative Action Employers. Women and minorities are especially encouraged to apply.
Sanford Children’s Health Research Center (SCHRC) invites applications from researchers for full time faculty positions within Sanford Research USD and the Department of Pediatrics of the Sanford School of Medicine of The University of South Dakota. An historic $400 million gift by philanthropist T. Denny Sanford has allowed for expansion of Sanford Research USD and dynamic development of programs focused on children’s health. An additional donation by Mr. Sanford has led to the creation of a two-campus Sanford Children’s Health Research Center: at the Burnham Institute for Medical Research in La Jolla, California and Sanford Research USD in Sioux Falls, South Dakota. The collaboration between the two locations will establish the basis of an integrated, world class, academic pediatric research network.

We seek outstanding scientists at the rank of Assistant Professor with a research interest that focuses on any area of children’s health and disease. Areas of interest include, but are not limited to, genetics, developmental biology, neuroscience, the biological basis of disease and application of model systems to human disease. Candidates will be expected to develop an independent extramural research program and complement the energetic interdisciplinary and collaborative nature of the growing SCHRC. Successful candidates will have a PhD and/or MD degrees.

Significant institutional support including laboratory space and research support will be offered. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications.

Candidates should submit a detailed curriculum vitae, description of research experience and future plans, and at least three letters of recommendation. Application materials should be sent to:

David A Pearce Ph.D.
Director, Sanford Children’s Health Research Center
Sanford Research USD
Professor, Department of Pediatrics
Sanford School of Medicine of The University of South Dakota
1305 W. 18th St., PO Box 5039
Sioux Falls, SD 57117-5039
Telephone: 605-312-6004 FAX: 605-328-0401
Email: pearced@sanfordhealth.org

Sanford Health is an Equal Opportunity/Affirmative Action Employer.

The Georgia Institute of Technology is one of the top ranked educational/research institutions in the country and ranked as one of the best places to work. As part of significant growth in the biological sciences, the School of Biology is seeking applications for a tenure-track position in experimental Molecular Cell Biology, with particular interest in the areas of epigenetics, macromolecular assemblies, cell-cell and cell-matrix interactions, stem cell or developmental biology. We also invite applications for two tenure-track positions for experimentalists working with Microbial Systems (prokaryotic or eukaryotic), especially in the areas of molecular biology/synthetic biology/genetics or ecology/evolution/environmental microbiology. Candidates will be favored whose research integrates well with the department’s existing strengths in molecular and cell biology, ecology and evolutionary biology, and computational biology (www.biology.gatech.edu). Georgia Tech is an interdisciplinary environment where faculty are strongly encouraged to interact with faculty from sciences, engineering and computing.

It is anticipated that these positions will be filled at the junior level but outstanding senior candidates with exceptional records are encouraged to apply. Candidates should forward a letter of application, full curriculum vitae, statement of research interests and plans, and contact information for four references to cell@biology.gatech.edu or microsearch@biology.gatech.edu. Review of applications begins October 1, 2009.

Georgia Tech is a unit of the University System of Georgia and an Affirmative Action/Equal Opportunity Employer and requires compliance with Immigration Control Reform Act of 1986.

GEORGIA INSTITUTE OF TECHNOLOGY
Assistant or Associate Professor of Climate Change Science
Terrestrial Biogeochemistry - Tenure track - #11125

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.

Assistant or Associate Professor in Climate Change Science - Terrestrial Biogeochemistry, Cornell University, College of Agriculture and Life Sciences. Cornell University has recently established a Climate Change Initiative as part of its Center for a Sustainable Future (CCSF, http://www.sustainablefuture.cornell.edu). The Center focuses on and integrates growing interdepartmental interest in sustainability, in efforts to generate real-world impacts. As part of the Climate Change Initiative, the Center intends to hire over the next three years several faculty members in biologic and physical sciences, social sciences, engineering, and the humanities. Currently, we seek applications for a tenure-track position at the ASSISTANT or ASSOCIATE PROFESSOR rank in climate change science, with a focus on Terrestrial Biogeochemistry. We seek candidates who link terrestrial processes with climate by employing theoretical and empirical approaches at the regional to global scale, e.g. modeling, remote sensing, and/or spatial information technologies; data- assimilation; and spatio-temporal statistics. The appointee will focus on the interaction of climate-related terrestrial surface processes with global environmental change. For example, a candidate may focus on connections between soil- and vegetation-related greenhouse gas emissions or carbon sequestration, and changes in land use, cover and management. This "open department" search seeks to place outstanding candidates in departments they best match. Potential home departments are Biological and Environmental Engineering and Crop and Soil Sciences. The position comprises 50% research and 50% teaching responsibilities including the development of an internationally recognized and externally funded research program in Climate Change Science. Appointment is on an academic year basis, continuing.

Qualifications: Ph.D. in relevant field. Applicants should submit a cover letter indicating why they feel they are a good fit for an interdisciplinary Climate Change Initiative at Cornell, together with a curriculum vitae, 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 biogeochemistry-search@cornell.edu. Applicants should also provide names of three references who may be contacted for letters of recommendation. Applications will be reviewed beginning October 15, 2009, and continue until a suitable candidate is identified.

Cornell University
Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

FACULTY POSITIONS
NEUROSCIENCE

The Center for Neural Development and Disease at the University of Rochester School of Medicine and Dentistry invites applications for tenure-track faculty positions at the Assistant, Associate, or Full Professor level. Candidates should employ genetic, molecular and/or physiological approaches to carry out vigorous and creative research on important problems in neural development and function in health and disease. Successful applicants will join a dynamic, interdepartmental group of investigators whose research spans a broad area of molecular and cellular neuroscience.

Interested candidates should submit a cover letter, CV, and statement of research interests to enddsearch@urmc.rochester.edu. Please also arrange for three letters of reference to be sent to this address. Review of applications will begin on September 15, 2009 and will continue through the Fall.

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

Assistant Professor

The Department of Neurosciences of the University of Texas Southwestern Medical Center at Dallas, under the new leadership of Dr. Joseph Taka-hashi, invites applications at the Assistant Professor level for a tenure-track Faculty position in the broadly defined area of Neurogenetics. We seek outstanding scientists addressing molecular and genetic mechanisms underlying behavior, neural circuits and related neurological disorders. Our emphasis is on individuals using forward genetic approaches to understand the nervous system and behavior. Individuals using advanced optical imaging and optogenetics approaches are particularly encouraged to apply. Scientists within the Department of Neurosciences participate in a vibrant, interdisciplinary, interdepartmental, and highly collaborative research community within the University, and enjoy access to state-of-art research cores in imaging, mouse MRI imaging, metabolic phenotyping, behavioral phenotyping, protein chemistry, structural biology, genomics, genetics and transgenic technology.

Applications should submit a curriculum vitae, two-page summary of research accomplishments and future plans. Applicants should arrange to have 3-5 letters of recommendation sent to the search committee.

Please e-mail application materials to: neurosciencesearch@utsouthwestern.edu. Neuroscience Search Committee, The University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Blvd., Dallas, TX 75390-9111. The deadline for receipt of applications is November 1, 2009.

The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.
West Virginia University Robert C. Byrd Health Sciences Center
West Virginia Clinical and Translational Sciences Institute

SIX TO EIGHT FACULTY POSITIONS

Assistant Professor – Associate Professor – Full Professor

The West Virginia Clinical and Translational Sciences Institute (WVCTSI) at West Virginia University invites applications for 6-8 tenure-track faculty positions in all areas of Clinical and Translational research. The WVCTSI is an interdisciplinary clinical, population and translational research center focusing on health care disparities in Appalachia and West Virginia. It is designed to significantly expand clinical and translational research in the State of West Virginia in partnership with Marshall University and the West Virginia School of Osteopathic Medicine. The WVCTSI includes faculty from various basic, clinical, and population science disciplines.

Candidates should be clinical and/or translational scientists with appropriate education and research credentials. Faculty appointed as Assistant Professors are expected to achieve NIH or equivalent funding within 3 years. Those appointed at the Associate or Professor level should have a transferrable NIH or equivalent funded research program and credentials for an academic appointment in a basic science or clinical department within the Schools of Medicine, Pharmacy, Nursing, or Dentistry. Established investigators who have outstanding academic credentials may be named Wyeth Research Scholars. Successful applicants will receive independent research space, competitive salaries, access to state-of-the-art core facilities and appropriate start-up packages.

West Virginia University is a comprehensive, land grant, Carnegie-designated Doctoral Research/Extensive public institution with 185 undergraduate, graduate and professional programs and an enrollment of 28,840 students including 6,910 professional and graduate students. The Robert C. Byrd Health Sciences Center is a state-assisted academic health sciences center and includes the Schools of Medicine, Pharmacy, Dentistry and Nursing, a 460-bed teaching hospital, a psychiatric hospital, rehabilitation hospital, and the Mary Babb Randolph Cancer Center. Two new research buildings which collectively provide approximately 200,000 sq. ft. of additional research space have been built at the Health Sciences Center to accommodate our research growth agenda.

With a metro area population of over 115,000, Morgantown is consistently rated as one of the best small cities in the U.S., with affordable housing, excellent schools, a picturesque countryside, many outdoor recreational activities, and close proximity to major cities, such as Pittsburgh, PA and Washington, DC.

Qualifications: MD, DO, PhD, DDS, PharmD or equivalent with outstanding research credentials and a desire to participate in collaborative research. Faculty recruited will be Member Scientists in WVCTSI with primary tenure-track academic appointments in a basic or clinical department.

Positions will remain open until filled. Candidates should send electronic copies of their curriculum vitae, letter of interest and names and contact information for three references to: cbsmith@hsc.wvu.edu.

WVU is an Affirmative Action/Equal Opportunity Employer.

Department of Biology
Faculty Position in Human Evolution

The Department of Biology at Stanford University seeks applicants for a tenure track Assistant Professorship in Human Evolution. Applicants should be using modern genomic and/or computational techniques to address human origins and evolution. Applicants are expected to develop a vigorous research program and to participate in both undergraduate, graduate, and postdoctoral education and training. For information about the Department consult http://biology.stanford.edu/.

Interested candidates should apply online at: AcademicJobsOnline.Org

Applicants are requested to provide a cover letter, a curriculum vitae including publication list, a statement of research accomplishments and future research plans, a description of teaching experience, and three letters of recommendation.

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 minority groups, as well as others who would bring additional dimensions to the university’s research, teaching, and clinical mission.

FACULTY POSITIONS
DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry seeks highly qualified applicants for two tenure track faculty positions at any rank. The department will recruit into any area of its broad research interests (http://biochem.uiowa.edu). Biochemistry faculty members have strong collaborative interactions with colleagues throughout the Carver College of Medicine and the University. They participate in interdisciplinary training programs including the Center for Biocatalysis and Bioprocessing, and the Genetics, Molecular and Cellular Biology, Molecular Parasitology, and Medical Scientist Training Programs. Outstanding research space with state of the art instrumentation is available. All applicants must have a relevant doctoral degree and productive research experience. Candidates are judged on their potential to initiate and maintain a creative, independent research program, and their desire to train students and postdoctoral fellows.

To apply for this position, visit The University of Iowa website at jobs.uiowa.edu, requisition S6998. Applicants should include a CV and a 3-page summary of research accomplishments and future plans. Mid-career and senior applicants should provide names of three referees. Applicants for the rank of Assistant Professor should ask three referees to submit letters on their behalf. Consideration of completed applications will begin on November 1, 2009. Questions may be directed to Prof. Charles Brenner, Head, Dept. of Biochemistry, phone 319-335-7934.

The University of Iowa is an Equal Opportunity and Affirmative Action Employer.
FACULTY POSITION
Department of Molecular Biology
Massachusetts General Hospital
Department of Genetics
Harvard Medical School

The Department of Molecular Biology at Massachusetts General Hospital and the Department of Genetics at Harvard Medical School invite applications for a joint appointment at the level of Assistant Professor. The laboratory will be located in the Massachusetts General Hospital Department of Molecular Biology (http://molbio.mgh.harvard.edu) and the faculty appointment will be in the Harvard Medical School Department of Genetics (http://genetics.med.harvard.edu). We encourage applications from women and minorities.

MOLECULAR BIOLOGY FACULTY
Robert Kingston, Chief
David Altshuler
Frederick Ausubel
Joseph Avruch
Michael Blower
Deborah Hung

Applicants should apply via electronic submission to the URL listed below. Please submit a curriculum vitae, statement of research plans and up to three relevant publications, all in pdf format, by November 1, 2009. In addition, provide the names and email addresses of three references.

The URL for submission is:
http://molbio.mgh.harvard.edu/faculty/search/

Harvard University and the Massachusetts General Hospital are Equal Opportunity/Affirmative Action Employers.

FACULTY POSITION
Neurobiology Faculty Position
University of Maryland School of Medicine
Baltimore, Maryland

The Department of Anatomy and Neurobiology (http://neurobiology.umd.edu) is recruiting for a tenured tenure-track faculty position in Neuroscience. We are interested in candidates who use multidisciplinary approaches to understand the function or plasticity of the nervous system. Of particular interest are candidates that complement existing strengths in the Department, including sensory, systems, molecular and developmental neuroscience. Candidates should have a strong history of scholarly activity and preference will be given to those with an independent funded research program.

The Department contains new, state-of-the-art laboratories and core facilities. We offer an outstanding intellectual and collaborative environment with highly competitive salary and research packages. All department faculty are members of the Graduate Program in Life Sciences and the interdisciplinary Program in Neuroscience (http://neuroscience.umd.edu).

Candidates should submit the following as one single PDF file to facsearch@umd.edu: detailed curriculum vitae, a brief statement of research interests and goals, and names/contact information for three references. For best consideration candidates should submit their application by December 1, 2009 and it should be addressed to the attention of: Professor Geoffrey Schoenbaum, Chair of Faculty Search Committee.

University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action Employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

FACULTY POSITION
Associate/Full Professor in Nanomedicine
The Division of Molecular Pharmaceutics announces an appointment in the UNC Eshelman School of Pharmacy, in partnership with the Institute for Nanomedicine and the Lineberger Comprehensive Cancer Center at the University of North Carolina at Chapel Hill

The ideal candidate for this 12-month tenure-track position will have an international reputation in biomedical engineering and nanomedicine as well as an established research program with a primary focus in cancer. The qualified candidate must have a Ph.D. degree in an Engineering discipline, Pharmaceutical Sciences, Chemistry, or related discipline. The candidate must have an interest or proven record in translating novel technologies into clinically relevant investigation, and have the ability to collaborate with other basic and clinical researchers. The candidate will be expected to contribute to the undergraduate and graduate training programs in the Curriculum in Applied Science and Engineering (CASE) in the College of Arts and Sciences. An endowed professorship may be provided to the exceptional candidate.

Review of applications will begin October 1, 2009. Women and members of minority groups are encouraged to apply. Applications should be in PDF format including the following items: (1) a cover letter, (2) CV, (3) detailed statement of research program and interests, and (4) the names and contact information of four references. Interested applicants should apply to the search committee chair, Rudy Juliano, Ph.D. via Ms. Holly Maguire at hmaguire@email.unc.edu.

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

FACULTY POSITION
University of Pittsburgh

The University of Pittsburgh School of Medicine is pleased to announce a major initiative in the establishment of a new Department of Developmental Biology. The Department will be situated in the newly completed Rangos Research Center, sited adjacent to the newly constructed Children’s Hospital of Pittsburgh.

The University is conducting a search for an individual with a demonstrated record of research accomplishment in iPSC or stem cell biology to fill a tenure track position in the Department of Developmental Biology. The individual will establish a vigorous independently funded research program in stem cell biology, and play a leadership role in establishing and serving as Director of a new Stem Cell Core Facility. Individuals with an interest in translational research with iPS (induced pluripotent stem) cells are particularly encouraged to apply. Proximity of Rangos Research Center to Children’s Hospital of Pittsburgh will allow easy access to patient material and collaborative interactions with clinical faculty. University of Pittsburgh has a highly interactive stem cell community with a very wide spectrum of collaborative research opportunities. The University is the fifth in NIH funding amongst U.S. institutions of higher education. A generous start up package and highly competitive salary will be offered. Additional substantial resources will be provided to establish the Stem Cell Core Facility. Applicants should hold PhD and/or MD or equivalent degree(s) and have demonstrable expertise and scholarly achievement in stem cell biology.

Application material including the candidate’s curriculum vitae, the names and contact information for three references, and a brief statement of research interests should be sent to: Michael O’Neill at monelll@pitt.edu or mailed to Michael O’Neill, 530 45th Street, 8111 Rangos Research Center, Pittsburgh, PA 15201.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.
FMI Friedrich Miescher Institute for Biomedical Research

Group Leader Position – Cancer Biology

The Friedrich Miescher Institute (FMI) invites applications for a tenure track group leader position in Cancer Biology in its Growth Control program. We are seeking an outstanding individual who will establish a vigorous and ambitious research program focused on fundamental questions in oncology.

We are particularly interested in research directed towards understanding molecular mechanisms of tumorigenesis, cancer cell-niche interactions, tumor microenvironment and metastasis, and their inhibition. Opportunities exist for collaborative interactions with the other FMI research programs of Epigenetics and Neurobiology.

The Institute provides core facilities for experimental mouse genetics, high-end microscopy, cell sorting, genomics, protein crystallography, proteomics and bioinformatics. A highly competitive start-up package will be provided.

The Friedrich Miescher Institute is an international biomedical research center with 300 members, including about 180 postdoctoral fellows and graduate students. It is part of the Novartis Research Foundation and is affiliated with the University of Basel. The institute runs a successful international PhD program (for further information see www.fmi.ch). Situated in Basel, the FMI offers an outstanding scientific and cultural environment in the center of Europe.

Formal applications, including a CV, the names and contact details of three referees and a concise description of research interests and future plans should be addressed to

Professor Susan Gasser, Director
Friedrich Miescher Institute for Biomedical Research
Maulbeerstrasse 66, 4058 Basel, Switzerland

Informal inquiries can be sent to Prof. Nancy Hynes (nancy.hynes@fmi.ch). The closing date for applications is November 30, 2009.

Baylor University – Department of Biology
Assistant Professor: Aquatic Microbial Ecology
Assistant Professor: Disease Transmission

Aquatic Microbiology: The Department of Biology and the Center for Reservoir and Aquatic Systems Research (CRASR) are pleased to accept applications for a tenure-track faculty position in the area of aquatic microbial ecology/microbiology to begin August 2010. An interdisciplinary research focus on the ecology of microorganisms and their relationship to the environment and/or human health is strongly preferred.

Disease Transmission: The Department of Biology is pleased to accept applications for a tenure-track faculty position to begin August 2010. The ideal candidate will use molecular biology techniques or modeling in an epidemiological, biomedical or ecological context to investigate vector-transmitted disease or host-pathogen systems and their relationship to human health.

For position details and application information please visit: http://www.baylor.edu/hr_services/index.php?id=50814

Baylor, the world’s largest Baptist university, holds a Carnegie classification as a “high-research” institution. Baylor’s mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university while reaffirming and deepening its distinctive Christian mission as described in Baylor 2012 (http://www.baylor.edu/vision/).

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an AA/EEO Employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.

FACULTY POSITIONS: 980970 INORGANIC CHEMISTRY AND 991030 BIOCHEMISTRY

The Department of Chemistry and Biochemistry in the Charles E. Schmidt College of Science at FAU located in Boca Raton, Florida, invites applications for a tenure-track Assistant Professor position in inorganic chemistry, and for a tenure-track Assistant/Associate Professor position in biochemistry starting in the fall of 2010. The applicants should have demonstrated excellence in the field as evidenced by publications and be able to mount an internationally visible research program at FAU. For the inorganic position, preference will be given to candidates with inorganic research interests relevant to biochemistry, biology, and biomedical science. For the biochemistry position, preference will be given to candidates with biochemistry research interests relevant to biotechnology, bioorganic, protein chemistry, carbohydrate chemistry, drug and experimental design. The applicants will be expected to help forge ties with the growing biotech industry across the region. For more information on the department and its programs, please visit http://www.science.fau.edu/chemistry. All applicants must apply and complete the Faculty, Administrative, Managerial and Professional Position Application form available online through the Office Human Resources at https://jobs.fau.edu and attach to their application a curriculum vitae, descriptions of current research, external funding, and the names and addresses of at least three references. A background check will be required for the candidate selected for the position. Record of external funding and active grants will be an advantage for the applicants to the Assistant Professor position and will be required for the Associate Professor position. The applicants would be expected to participate actively in the doctoral program and contribute to the teaching needs of the Department (especially inorganic chemistry/biochemistry courses respectively).

Materials received by October 12, 2009 will receive full consideration; however, these positions will remain open until filled. Questions or statements of initial interest about these positions can be sent by e-mail to Dr. Cyril Párkányi, Chair, Search Committee, Department of Chemistry and Biochemistry, Florida Atlantic University, 777 Glades Road, P.O. Box 3091, Boca Raton, FL 33431-0991. E-mail: parkanyi@fau.edu.

A state-supported institution with over 25,000 students, FAU is an Equal Opportunity Employer/Equal Access Institution.
Tenure Track Faculty Positions in Stem Cell Biology

Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center invites applications for junior tenure-track faculty positions in the Program in Developmental Biology. Individuals studying embryonic stem cells, adult stem cells, IPS cells or regulation of pluripotency in any animal 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 (http://www.ski.edu).

New faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program.

Candidates should e-mail their application in PDF format to devbio@mskcc.org by November 1, 2009. 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, 2009. Inquiries may be sent to Ms. Lennon or to Dr. Kathryn Anderson, Chair, Developmental Biology Program, Sloan-Kettering Institute at devbio@mskcc.org. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer/AA. Smoke-free environment.

Memorial Sloan-Kettering Cancer Center
www.mskcc.org

Tenure-Track Faculty Position in Oncological Sciences

The Department of Oncological Sciences and Huntsman Cancer Institute invite applications for a tenure-track faculty position. We seek a basic cancer biologist with an interest in early translational research, a PhD or MD/PhD, and a track record of scientific excellence. Preference will be given to candidates at the assistant or associate professor level. Research interest is broadly defined and could include basic cellular mechanisms altered in cancer, tumor models, cancer genetics, and drug screening. Current departmental strengths include transcriptional regulation and epigenetics, animal models of gastrointestinal and breast cancers, and cancer cell biology including signaling, apoptosis, and metabolism. We offer strong institutional support, state-of-the-art laboratory and core facilities, a collegial and interactive research environment that fosters the development of junior faculty, and robust graduate programs for training PhD and MD/PhD students. Candidates are encouraged to apply by November 1, 2009, with their curriculum vitae, a description of research interests and accomplishments, and three letters of recommendation.

Huntsman Cancer Institute
University of Utah
Attn: Recruitment Office, Room 5363
2000 Circle of Hope, Salt Lake City, UT 84112-5550
E-mail: hci.recruitment@hci.utah.edu

University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, national origin, color, religion, sex, age, sexual orientation, gender identity/expression, disability, or status as a Protected Veteran. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities. To inquire about the University's nondiscrimination policy or to request disability accommodation, please contact: Director, Office of Equal Opportunity and Affirmative Action, 201 S. Presidents Circle, Rm 135, Salt Lake City, UT 84112 (801)581-8365.

Endowed Professorship for Dementia Research

The Department of Neurology and the Neuroscience Center at the University of North Carolina, School of Medicine, Chapel Hill, are seeking candidates with an interest in degenerative neurological diseases that produce cognitive impairment. This will be a full-time faculty appointment as assistant, associate or full professor on the tenure track with rank and tenure determined based on academic qualifications. The qualified candidate will have an M.D. or M.D./Ph.D. and an established record of excellence in research as reflected by peer-reviewed publications and independent external funding. He/she will be expected to conduct a laboratory-based research program investigating mechanisms of cellular death and dysfunction in neurodegenerative diseases using state-of-the-art cellular and molecular techniques. The position includes an endowed professorship of $1 million, ample modern laboratory space in the UNC Neuroscience Center and a generous start-up package. The UNC Neuroscience Center maintains outstanding Core Facilities that support confocal and multiphoton imaging, vector construction and ES cell electroporation for generation of mouse genetic models, and Affymetrix Gene chip technology for expression profiling and SNP analysis.

Interested candidates who are eligible to obtain a North Carolina medical license should send a cover letter, CV and four letters of references to:

William J. Powers, M.D.
H. Houston Merritt Distinguished Professor and Chair
Department of Neurology
University of North Carolina School of Medicine
170 Manning Drive-Room 2131., CB #7025
Chapel Hill, NC 27599-7025
Telephone: 919 966-8178
powersw@neurology.unc.edu

Tenure-Track Faculty Position in Radiation Oncology

The Department of Radiation Oncology and Huntsman Cancer Institute invite applications for a tenure-track faculty position in the general field of molecular radiobiology. We seek a basic scientist with a PhD or MD/PhD with a track record of scientific excellence. We prefer candidates at the assistant or associate professor level. Research interest is broadly defined and includes investigation of cellular mechanisms altered in cancer, radiation response models, and translation research. The candidate also will contribute significantly to the teaching of radiobiology to radiation oncology residents. For those with MD/PhD qualifications in Radiation Oncology, we offer a part-time clinical position with protected research time. We offer strong institutional support, state-of-the-art laboratory and core facilities, a collegial and interactive research environment that fosters the development of junior faculty, and robust graduate programs for training PhD and MD/PhD students. Candidates are encouraged to apply by December 1, 2009, by submitting their curriculum vitae, a description of research interests and accomplishments with three letters of recommendation.

Huntsman Cancer Institute
University of Utah
Attn: Recruitment Office,
2000 Circle of Hope, Salt Lake City, UT 84112-5550
E-mail: hci.recruitment@hci.utah.edu

University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, national origin, color, religion, sex, age, sexual orientation, gender identity/expression, disability, or status as a Protected Veteran. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities. To inquire about the University's nondiscrimination policy or to request disability accommodation, please contact: Director, Office of Equal Opportunity and Affirmative Action, 201 S. Presidents Circle, Rm 135, Salt Lake City, UT 84112 (801)581-8365.
Yale Faculty Positions

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 PhD, 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 is undergoing a major expansion under the Chair, Dr. James E. Rothman, and houses the newly founded Yale Center for High Throughput Cell Biology. Although exceptional candidates in all areas of cell biology will be considered, we are especially interested in candidates who are investigating the organization, dynamics and cell biology of the nucleus.

Please email your CV with a list of publications, a summary of doctoral research [1 page], a summary of post-doctoral research [max. 2 pages], and a research plan [max. 3 pages], along with the names and addresses (including email) of three potential references by October 23, 2009 to: cellbio.search@yale.edu.

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

Memorial Sloan-Kettering Cancer Center

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 doctoral-level degree and the potential to develop a strong independent research program or a proven record of accomplishments, depending on the level of appointment. Qualified 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, B, T and NK cell development and function, regulation of immune responses, antigen presentation, infectious disease and tumor immunology. The program has recently moved into contiguous space on 3+ floors in a new 23 story laboratory building. Faculty will be eligible to hold graduate school appointments in the Gerster Sloan-Kettering Graduate School of Biomedical Sciences, the Weil Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

The Institute 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.

Candidiates should e-mail their application, preferably in PDF format, to immuno@mskcc.org. The application should include a CV, descriptions of past and proposed research (3-7 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@mskcc.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, 2009. For questions, please email agoston@mskcc.org. Memorial Sloan-Kettering Cancer Center is an affirmative action, equal opportunity employer.

NYU is an Equal Opportunity/Affirmative Action Employer.
Senior Position: Evolutionary Microbial Pathogenesis
Department of Microbiology and Molecular Genetics

The Department of Microbiology and Molecular Genetics at Michigan State University seeks candidates for an academic-year position at the Associate or Full Professor level in Microbial Pathogenesis. Applicants are sought with demonstrated expertise in molecular mechanisms of the evolution of pathogenicity, bacterial pathogenesis, microbial ecology of infectious diseases, genetics of virulence, or host-microbe interactions. Many opportunities exist for collaboration with other faculty with research interests in these areas in the Center for Microbial Pathogenesis, Center for Microbial Ecology, National Food Safety and Toxicology Center, and the Center for Water Sciences. The person who fills this position will be expected to build and lead collaborative groups and to mentor junior faculty. A strong record of research accomplishment and an independent, externally funded research program with national visibility are required. Teaching within our graduate, professional, and/or undergraduate programs is expected. The offer will include a competitive startup package and laboratory facility.

Applicants should submit a letter of application, curriculum vitae, history of research funding, statement of current and future research plans, and contact information (address, e-mail and phone) for three referees to:

Microbial Pathogenesis Search Committee Chair
Dept. of Microbiology and Molecular Genetics
2215 Biomedical and Physical Sciences Building
Michigan State University, East Lansing, MI 48824

Preferably, applications should be submitted electronically to mngchair@msu.edu. We will begin review of applications on October 30, 2009 and applications will be accepted until the position is filled.

Michigan State University is an Equal Opportunity Employer.

Women and minority candidates are encouraged to apply.

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Genomics and Systems Biology Faculty Position

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 a tenure-track faculty member at any level with expertise in the areas of genome and systems biology. The successful candidate 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.

Chair of search committee: Dirk Bohmann, Ph.D. Candidates with a strong record of accomplishment should submit a CV, 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, 2009.

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.

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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 the broad area of molecular and cellular biology. 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 supports.

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 funding, providing highly supportive cores such as imaging, microarray & RNAi, electrophysiology, FACS, bioinformatics and mouse facilities, and maintaining close international connections and strong interactions with local universities. Currently three Ph.D. programs, with one recruiting international students, are formally affiliated with the Institute. English is the official language for regular seminars and most of the lectures in the Institute, and proficiency in the Chinese language is not a prerequisite for application.

Applicants should send their Curriculum Vitae, a description of past research accomplishments and future research interests, and three letters of reference to:

Dr. Meng-Chao Yao, Director
c/o Ms. Vivi Chiang
Institute of Molecular Biology,
Taipei, Taiwan 11529, ROC

The selection process will start on December 15, 2009 until the positions are filled. Further information can be obtained from Ms. Vivi Chiang at vivi@imb.sinica.edu.tw

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Yale University School of Medicine
Interdepartmental CNNR Program
Cellular Neuroscience, Neurodegeneration, and Repair
PO Box 9812
New Haven, CT 06536-0812
http://www.med.yale.edu/cnrr

Faculty Positions

The Yale Program in Cellular Neuroscience, Neurodegeneration, and Repair (CNNR) is searching for a scientist who uses molecular and cellular approaches to advance the understanding of Nervous System function. Priority will be given to applicants with research programs focused on understanding neurodegeneration or promoting neural repair, but outstanding applicants with a focus on basic aspects of neuronal function are also encouraged. The successful applicant will receive a primary appointment in one of the departments of the Yale School of Medicine and will be active members of that department. Please see our website http://www.med.yale.edu/cnrr.

Candidates must hold an M.D. and/or a Ph.D. degree, or equivalent degrees. We invite applications at the rank of assistant professor, but appointments at the rank of associate professor will be considered. Applications are due by November 15, 2009. Please send a cover letter, curriculum vitae, up to 3 representative publications, a research plan (strictly limited to 2 pages), and arrange for submission of 3 letters of recommendation.

All application materials should be sent electronically to Pietro De Camilli and Stephen M. Strittmatter, directors of the Program, exclusively at the following e-mail address: Cnnt.search@yale.edu.

Applications from women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.
The Oregon Hearing Research Center (OHRC) invites applicants for Assistant, Associate, or Full Professor who have established research programs using molecular, cellular, or systems approaches to auditory and vestibular neuroscience. Candidates are expected to maintain an outstanding program of original research and to be an effective teacher at the graduate level. The OHRC, located in beautiful Portland, Oregon, is among the top auditory research centers in the US, with faculty studying the cellular and molecular aspects of development, function, and disease of the inner ear and auditory central nervous system.

Please send (by email only) a detailed curriculum vitae, a brief description of research accomplishments and future plans, pdf copies of representative publications, and the names of three references to: OHRC Search Committee, Attn. Lauren Grimm, email: grimm1@ohsu.edu. Consideration for completed applications will begin October 1, 2009.

The Radcliffe Institute for Advanced Study at Harvard University annually awards academic-year fellowships that enable scientists to pursue innovative research while participating in the Institute’s diverse scholarly community.

While at Radcliffe, these science fellows are able to work in Harvard and Boston-area labs and with faculty and other fellows to explore new avenues in their research.

Scientists, in any field, who have a doctorate in the area of the proposed project (by December 2009) and at least one published article or monograph are eligible to apply for a Radcliffe Institute fellowship. The stipend amount of $65,000 is meant to complement sabbatical leave salaries of faculty members. Residence in the Boston area is required, as is participation in the Institute community.


For more information, please visit www.radcliffe.edu or contact us at:
Radcliffe Application Office
8 Garden Street, Cambridge, MA 02138
617-496-3048
science@radcliffe.edu

The Department of Biology at Georgetown University invites applications for a tenure-line faculty position at the Associate or Full Professor level. We are interested in applicants whose research efforts are in an area of global health, broadly defined, including infectious, chronic or genetic diseases. This research will complement ongoing efforts in global health, including our new major in the Biology of Global Health. Successful candidates will have established research programs with external support. Applicants will be expected to teach one course per semester, mentor undergraduate and graduate students in research, and maintain an active extramurally funded research program.

The Department is located in the College of Arts and Sciences and has ties with the Lombardi Comprehensive Cancer Center, the O’Neill Institute for National and International Health Law, the Georgetown Health Policy Institute and the Georgetown University Medical Center. Georgetown University is located in Washington, D.C. with close proximity to the National Institutes of Health, the National Science Foundation, the Food & Drug Administration, Walter Reed Army Medical Center as well as health policy and international institutions such as the World Bank, the United Nations Foundation, Pan-America Health Association, etc.

Candidates should submit a letter of application, curriculum vitae, a detailed description of research accomplishments and future plans, a statement of teaching philosophy, and provide the names and contact information for three or more references. Application materials should be submitted either electronically as PDF attachments (preferred) to biology@georgetown.edu with “BGH application” as subject, or to Ronda Rolfs, BGH Search Chair, Department of Biology, Reiss Science Building-Room 406, Georgetown University, Washington, D.C. 20057-1229. Application materials must be received by November 15, 2009. Funding for this position is dependent upon final approval by the University Provost.

Georgetown is an Equal Opportunity Educator and Employer.
The University of Michigan Medical School, Department of Human Genetics is recruiting tenure track faculty at all ranks with research interests in all areas of human genetics. We seek basic scientists to join an active and growing program in human genetics that includes molecular, developmental, population and statistical geneticists working with model organisms, patients, and populations. We seek physician scientists in any area of medical genetics for the interdepartmental Center for Genetics in Health and Medicine. A basic science faculty appointment is available in the Department of Human Genetics and a joint appointment will be in the appropriate clinical department. The Center’s mission is to develop and support an interactive community of faculty in the basic and clinical sciences that will develop new research opportunities that integrate modern genetics research with clinical and public health activities. We are especially interested in identifying a physician-scientist to fill the Morton S. and Henrietta K. Sellner Endowed Professorship with a research program related to human genetic diseases and clinical care for patients with genetic diseases, with Wilson’s disease as a high priority. We are also particularly interested in neurogenetics and aortic disease genetics.

Please apply by November 3 online (http://www.hg.med.umich.edu). 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 3, 2009 deadline.

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

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

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**Faculty Recruiting**

The Jackson Laboratory, a mammalian genetics research institution in Bar Harbor, Maine, is hiring Assistant, Associate and Full Professors. Faculty members are being recruited for research in diverse areas, including:

- Cancer Biology
- Immunology/Inflammation/Hematology
- Computational Biology
- Neurobiology
- Bioinformatics
- Metabolic Disease/Aging Research
- Comparative Mouse and Reproductive & Developmental
- Human Genomics Biology/Sem Cells
- Outstanding candidates studying virus-host interactions, focusing on pathogenesis and on host innate and adaptive immune responses. We seek an outstanding investigator who will build an active research program and will teach effectively at the undergraduate and graduate levels.

Please send a single PDF file containing your curriculum vitae, summary of research interests, and names of three references before December 1, 2009 to: mgm_search@biosci.utexas.edu. References may also send their letters directly to the same email address.

The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply.

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**Assistant Professor**

**Viral Pathogenesis and Immunology**

The section of Molecular Genetics and Microbiology at the University of Texas at Austin invites applicants for a tenure-track faculty position in viral pathogenesis and/or viral immunology at the Assistant Professor level. Outstanding applicants at the rank of Associate or Full Professor will also be considered. The section has a scientifically diverse faculty, and all related areas of research will be considered. We are particularly interested in outstanding candidates studying virus-host interactions, focusing on pathogenesis and on host innate and adaptive immune responses. We seek an outstanding investigator who will build an active research program and will teach effectively at the undergraduate and graduate levels. The successful candidate will be eligible for membership in the Institute for Cellular and Molecular Biology, will have access to its extensive core facilities, and will have the opportunity to participate in several graduate programs. The position offers excellent start-up funds, salary and laboratory space in a new building that is part of a dynamic, highly interactive, growing research environment.

Please send a single PDF file containing your curriculum vitae, summary of research interests, and names of three references before December 1, 2009 to: mgm_search@biosci.utexas.edu. References may also send their letters directly to the same email address.

The University of Texas at Austin is an Equal Opportunity Employer.
Associate Professors or Professors in human virology and other biomedical basic sciences

An Institute of Human Virology has recently been established on the campus of Zhongshan School of Medicine, Sun Yat-sen University (SYSU), Guangzhou, China. A newly completed research building is the home of this research institute. Now, SYSU invites applications for several faculty positions at Associate Professor and Full Professor levels in this institute.

These positions include a 12-month salary, benefits, competitive start-up package, and modern laboratory facilities. All applicants must have a Ph.D. or equivalent degree, postdoctoral research experience, and a strong record of research accomplishments. Successful applicants are expected to establish and maintain an extramurally funded research program with emphasis in the areas of HIV/SIV, HBV, HCV, influenza, herpes viruses, dengue, or any human-related viral pathogens. The appointees will also be expected to participate in teaching activities for medical students and graduate students.

The candidates in immunology, cell and molecular biology, neurobiology, stem cell science, human genetics, pharmacology or other basic biomedical sciences are also welcome to apply for positions in similar settings as described above. To apply for these positions, please send your resume and a brief statement of research interests, contact information of three references to huohh@mail.sysu.edu.cn or luohh@mail.sysu.edu.cn.

Review of applicants will begin November 1, 2010, and continue until positions are filled. Anticipated start date is the spring or summer of 2010, or later by negotiation.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.

**FACULTY POSITIONS**

**MICHIGAN STATE UNIVERSITY**

**FACULTY - GASTROINTESTINAL (GI) RESEARCH**

**DUTIES:** The College of Human Medicine at Michigan State University seeks outstanding faculty whose field of concentration is Gastrointestinal (GI) Research. One of the primary objectives for the MSU College of Human Medicine, in concert with its partners at Spectrum Health and the Van Andel Institute, is to understand the mechanisms of colorectal neoplasia and inflammatory bowel disease and translate that understanding into novel diagnostic and therapeutic interventions. The successful candidate(s) will have the opportunity and resources to develop basic and translational research and to develop research programs in Grand Rapids, MI, with the Van Andel Research Institute, Spectrum Health Research Institute and the Michigan State University Clinical Translational Sciences Award (CTSA) Program. This is a tenure system faculty appointment for which an academic department will be determined based on area of expertise and experience. Salary and rank will be commensurate with qualifications and experience. This position will be located on the College of Human Medicine Grand Rapids Campus.

**QUALIFICATIONS:** Doctorate or other terminal degree. Qualifications other than degree: M.D. or Ph.D. in a relevant specialty; preference will be given to applicants with a successful track record of sustained, collaborative, peer-reviewed (particularly NIH) funding and high quality publications in topics related to GI disorders. Special emphasis in the recruitment process will be placed on those with research interest in colorectal neoplasia and inflammatory bowel disease. Individuals with expertise in cancer stem cell biology, oncogenes or tumor suppressors, cell signaling, predictive therapy, mechanisms of GI inflammatory or animal models of colorectal cancer or IBD are strongly encourage to apply.

**APPLICATIONS:** Due February 1, 2010. Late submissions will be considered if a suitable candidate pool is not identified by the deadline. Applications/nominations must include a current curriculum vitae and personal statement of interest. Electronic submission of applications is preferred. All applications and inquiries will be confidential and should be sent to: Anthony J. Senagore, M.D. at Anthony.Senagore@spectrum-health.org

MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

**NORTHWESTERN UNIVERSITY**

**ASSISTANT PROFESSOR**

The Department of Biochemistry, Molecular Biology and Cell Biology encourages outstanding individuals with research interests that complement existing strengths of the department to apply for the position of Assistant Professor. The department is an exciting interdisciplinary research and training environment located on Northwestern’s Evanston, Illinois campus (http://www.biochem.northwestern.edu). The recent opening of the Panoce/Northshore Life Sciences Pavilion and the October 2009 completion of Silverman Hall are part of an ongoing expansion of the life sciences at Northwestern.

We are particularly interested in the following areas:

- **Molecular and Cellular Biology**, especially research utilizing advanced imaging approaches to investigate cellular processes.
- **Systems Biology**, including biological complexity, synthetic biology, genome-wide approaches and developmental networks.

Applicants should submit 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 using “BMBCB Faculty Search” as the subject. Applicants should also arrange for four letters of recommendation to be sent to this address on their behalf.

To ensure full consideration, please submit all materials by November 1, 2009.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.
FACULTY POSITIONS
Center for Genomics & Systems Biology
DEPARTMENT OF BIOLOGY

As part of a multi-year hiring plan, New York University’s Center for Genomics & Systems Biology in the Department of Biology invites applications for multiple faculty positions (rank open) to begin September 1, 2010, or as negotiated, pending budgetary and 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 Department of Biology (http://biology.nyu.edu/) offers an outstanding and collegial research environment. In addition, strong interactions exist with faculty 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, 2009, and applications received before this date will be guaranteed full evaluation. Letters of reference should be sent electronically to biology.recruitment@nyu.edu 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.

FACULTY POSITION
Carnegie Institution for Science

The Carnegie Institution’s Department of Embryology seeks applications for a faculty position. The department is located on the main campus of the Johns Hopkins University in Baltimore, Maryland. For research and department details visit: http://www.ciwemb.edu. The ability to pursue highly original biological research is the primary qualification; candidates using contemporary technologies to study cellular, developmental and genomic biology are encouraged to apply. A current CV, research statement and letters from three references should be sent to:

Dr. Allan Spradling, Director
Carnegie Institution for Science
Department of Embryology
3520 San Martin Drive
Baltimore, MD 21218
applicants@ciwemb.edu

Electronic documents are preferred; consideration of applications will begin on October 15, 2009, but applications will continue to be accepted after this date.

Carnegie Institution is an Equal Opportunity, Affirmative Action Employer.

TENURE-TRACK FACULTY POSITIONS
Department of Biochemistry and Molecular Biology

The Department of Biochemistry and Molecular Biology is seeking applicants for TENURE-TRACK FACULTY POSITIONS at any rank. This search continues a vigorous expansion of the Department over the last few years. Indiana University School of Medicine offers a highly collaborative scientific environment with many multidisciplinary centers and state-of-the-art core facilities including transgenic, in vivo and in vitro imaging, genomic, proteomic, and chemical genomics (http://www.medicine.iu.edu/research). We seek candidates with research interests that complement and strengthen research activities in the department (http://www.biochemistry.iu.edu), or bring novel approaches and expertise in areas including signaling mechanisms, systems biology, proteomics/genomics, bioinformatics, microRNA-mediated processes, epigenetics, stem cells, and genetic/disease model systems. Successful applicants are expected to develop a strong, independent extramurally funded research program and participate in graduate and medical student teaching. A 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, and the names and email addresses of at least three references electronically to: Job # 09171, biomjobs@iupui.edu or by mail to:

Dr. Zhong-Yin Zhang, Robert A. Harris 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.

DEPARTMENTAL CHAIR OF CHEMISTRY AND BIOCHEMISTRY

The Department of Chemistry and Biochemistry invites applications and nominations for the position of Chair with a start date of July 1, 2010. Information regarding the department, the University, Pittsburgh, and the procedure for application can be found at www.scienresearch.duq.edu.

We seek an accomplished scientist at the Associate/Full Professor rank with the imagination, energy, and leadership qualities needed to further strengthen our educational and research programs and bring a greater level of international recognition. The preferred candidate will be committed to quality education at both the undergraduate and graduate levels and have an excellent record of publication and extramural support.

The Department encourages quality candidates from diverse backgrounds to apply at facultyjobs@duq.edu. Salary will be commensurate with qualifications and experience. Review of applications will begin November 2, 2009 and will continue until the position is filled.

Applicants must be willing to contribute actively to the University Mission and to respect the Spiritan Catholic identity of Duquesne University. The Mission is implemented through a commitment to academic excellence, a spirit of service, moral and spiritual values, sensitivity to world concerns, and an ecumenical campus community.

Duquesne University was founded in 1878 by its sponsoring religious community, the Congregation of the Holy Spirit. Duquesne University is Catholic in mission and ecumenical in spirit. Motivated by its Catholic identity, Duquesne values equality of opportunity both as an educational institution and as an employer.
The University of Michigan invites applications for tenure track ASSISTANT PROFESSOR positions. We are seeking outstanding scholars, with Ph.D., M.D. or equivalent degrees and relevant postdoctoral experience, who show exceptional potential to develop an independent research program that will address fundamental issues in any aspect of stem cell biology. Applicants who have already established successful independent research programs will be considered for tenured ASSOCIATE PROFESSOR or PROFESSOR positions.

Applicants should send 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 sent directly by October 31, 2009 to: Stem Cell Search Committee, c/o Rebecca Fritts, Life Sciences Institute, University of Michigan, 210 Washtenaw Avenue, Ann Arbor, Michigan, 48109-2216.

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

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**FACULTY POSITION**

**COMPUTATIONAL BIOLOGY/ BIOINFORMATICS**

**BOSTON COLLEGE BIOLOGY DEPARTMENT**

The Boston College Biology Department invites applications for a tenure-track faculty position in the area of computational biology/bioinformatics. Applicants are sought primarily at the Assistant Professor level; however, exceptionally strong candidates at senior levels will also be considered. The University provides competitive start-up funds and research space with the expectation that the successful candidate will establish, or bring to the university, a vigorous, externally funded research program. New faculty will be expected to train graduate students and teach at the undergraduate level.

The successful candidate will join an active computational biology team including four faculty members, numerous postdocs and doctoral students, and professional staff. Current strengths are in high-throughput sequence analysis and genetic variation discovery, genome evolution, lipiddomics, and RNA structure prediction. In this search cycle we are mainly interested in a colleague whose research direction is in the analysis of high-throughput genomics data (e.g. DNA sequence analysis, functional annotation, statistical/population/disease genetics, cancer epigenetics). Ability to synergize with current bioinformatics faculty as well as experimental research groups (see http://www.bc.edu/biology) will be essential. Candidates working in areas with clear relevance to teaching and organic synthesis. Facilities will be upgraded as necessary for the position. The successful candidate will have interests in applying structural and chemical methods to address fundamentally important biological questions relevant to the mission of the institution – to find cures for children with catastrophic diseases through research and treatment. Interest and experience in cancer research is desirable.

The University of Rochester is seeking:

**FACULTY MEMBER – IMMUNOLOGY**

The David H. Smith Center for Vaccine Biology and Immunology at the University of Rochester Medical Center is recruiting tenure-track or tenured Faculty at the Assistant, Associate or Full Professor level. The Center (www.urmc.rochester.edu/Aub/cvbi) is highly interactive and has particular interest in strengthening research related to innate immune responses, vaccines, and visualization of immune responses in vivo. We seek an energetic and creative scientist whose research synergizes with current Center members and complements current strengths in Immunology at the URMC, although innovative research in all aspects of Immunology will be considered. Excellent laboratory space will be available in the Kornberg Medical Research Building, adjacent to other Center Faculty. An academic appointment at the appropriate rank will be offered in a suitable department.

We invite all qualified investigators to apply by sending a CV and a 1-2 page summary of research interests to:

Dr. Deborah J. Fowell
Chair, Search Committee

David H. Smith Center for Vaccine Biology and Immunology
University of Rochester
601 Elmwood Avenue
Rochester, NY 14642, USA
deborah_fowell@urmc.rochester.edu

All applications will be held in confidence.

**THE UNIVERSITY OF ROCHELSTER IS AN EQUAL OPPORTUNITY EMPLOYER.**

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**FRAGMENT-BASED DRUG DISCOVERY**

St. Jude Children’s Research Hospital (SJCRH), a premier center for biomedical investigation located in Memphis, Tennessee, USA, is developing a new program in Fragment-based drug discovery (FBDD). The Departments of Structural Biology and Chemical Biology and Therapeutics are seeking an experienced investigator to develop and lead a world-class program in FBDD at the interface of structural and chemical biology. Several relevant and superb departmental core facilities are available, including NMR spectroscopy, X-ray crystallography, titration calorimetry, SPR, high-throughput screening, proclinical pharmacology, and library and organic synthesis. Facilities will be upgraded as necessary for the position. The successful candidate will have interests in applying structural and chemical methods to address fundamentally important biological questions relevant to the mission of the institution – to find cures for children with catastrophic diseases through research and treatment. Interest and experience in cancer research is desirable.

SJCRH is a hospital and basic research institute that focuses on the fundamental causes and treatment of catastrophic childhood diseases including cancer, infectious diseases and genetic disorders. Founded by Danny Thomas in 1962, the hospital includes some 150 basic and clinical investigators. Our interactive research environment is optimal for interdisciplinary, translational research, with opportunities to collaborate with investigators in other Departments, including Biochemistry, Developmental Neurobiology, Genetics and Tumor Cell Biology, Hematology, Oncology, Immunology, Infectious Diseases, Molecular Pharmacology, Pathology and Pharmaceutical Sciences. All investigators have access to state-of-the-art and well-staffed core facilities that include proteomics, genomics, bioinformatics, cell imaging, protein production and molecular synthesis. SJCRH is a National Cancer Institute Comprehensive Cancer Center and additionally receives substantial support through the fundraising efforts of the American Lebanese Syrian Associated Charities (ALSAC).

The new position will be at the Associate or Full Member rank (equivalent to Associate and Full Professor), and a generous startup package will be provided to support laboratory and personnel needs. Candidates should have a PhD and/or MD degree, and a demonstrated track record of productivity through extramural funding and high-impact publications. Prior experience in using FBDD in the discovery and development of new drugs is highly desirable.

Applicants should send a curriculum vitae, a 1-2 page summary of research interests and future plans, and the names of three references to: Dr. Stephen White, Endowed Chair, FBDD Faculty Search Committee, Department of Structural Biology, MS 311, St. Jude Children’s Research Hospital, 262 Danny Thomas Place, Memphis, TN 38105-3678.

St. Jude is an Equal Opportunity Employer and a Drug-Free Workplace. Candidates receiving offers of employment will be subject to preemployment drug testing and background checks.

www.stjud.org
Tenure-Track Faculty Position in Chemistry or Chemical Biology Sloan-Kettering Institute

Sloan-Kettering Institute (www.ski.edu) is seeking an innovative individual at the Assistant Member level, with strong research accomplishments in synthetic or mechanistic organic chemistry, or chemical biology to establish a research program which addresses problems relating to bioorganic chemistry and cancer research. Faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Program and Tri-Institutional Training Program In Chemical Biology.

MSKCC offers a unique and exciting research environment with programs in Chemistry, Pharmacology, Immunology, Molecular Biology, Computational Biology, Genetics, Cell Biology, Developmental Biology, Cancer Pathogenesis and Structural Biology. The presence on campus of world-renowned clinical programs in cancer research, treatment and prevention offers many opportunities for creative collaboration.

Applicants must have a Ph.D. in chemistry, biochemistry, chemical biology, or pharmacology, and a dedication to engage in collaborative research efforts at the interface of chemistry and biology. A strong record of achievement and the potential to secure external funding are required.

Candidates should submit a CV, a description of past and proposed research (3-7 pages), and copies of three representative publications. Candidates should arrange to have at least three letters of reference sent by email to chenbio@mskcc.org addressed to: David Gin, PhD and Sam Danishefsky, PhD, c/o Marie Aiello/Box 428, Molecular Pharmacology and Chemistry Program, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10065. Memorial Sloan-Kettering Cancer Center is an affirmative action, equal opportunity employer.

Memorial Sloan-Kettering Cancer Center www.mskcc.org

Assistant Professor
Massachusetts General Hospital Cancer Center and
Harvard Medical School

The Massachusetts General Hospital Cancer Center is seeking applications for a tenure track faculty position at the level of Assistant Professor. We seek outstanding individuals who wish to establish a strong cancer research program with interests including, but not limited to, cancer biology, cancer genetics, genetic model organisms, signal transduction, and cell cycle checkpoints. Candidates must hold a Ph.D. and/or M.D. degree (or equivalent), have postdoctoral experience and a strong record of accomplishment in research. Applications from women and minority candidates are strongly encouraged.

Candidates should submit by email a curriculum vitae including a full list of publications and a brief statement of research and teaching interests to channan@partners.org. Four letters of reference should be sent by email or mailed directly to the Search Committee to the address below:

Search Committee
c/o Carol Ann Hannan
MGH Cancer Center
13th Street, Building 149, Room 7204
Charlestown, MA 02129

Complete applications including four letters of reference must be received by October 15, 2009.

Massachusetts General Hospital and Harvard University uphold a commitment to Affirmative Action and Equal Opportunity.

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 an anticipated faculty position. 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); the areas of emphasis for the present search are cell biology, developmental biology, and protein structure/function. For further information about Department research areas, please visit www.mcdb.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 faculty position 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.

All applications must be submitted on-line: Candidates should go to www.mcdb.lsa.umich.edu and click on the link “Apply for a faculty position.” You will be asked to upload the following materials: A cover letter, a curriculum vitae, a brief summary of recent research accomplishments and statement of future research plans, a statement of teaching interests and philosophy, and evidence of teaching excellence for those who have teaching experience. Candidates for appointment as an assistant professor should arrange to have at least three letters of reference submitted as instructed in the on-line application. To ensure full consideration, all materials should be received by October 15, 2009.

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.

Shock, Trauma and Anesthesiology Research
Organized Research Center
University of Maryland School of Medicine
Neurotrauma Tenure Track Faculty Positions

Shock, Trauma and Anesthesiology Research (STAR) is a recently developed Organized Research Center (ORC) dedicated to injury prevention and care. It encompasses investigators from diverse disciplines and from multiple basic science and clinical departments. The ORC focuses on translational research related to trauma, shock and resuscitation. Resources include the Charles McC. Mathias National Study Center for Trauma and EMS, and the R Adams Cowley Shock Trauma Center. Its current research portfolio includes $28 million in active grants and contracts, funding is expected to grow substantially over the next several years.

The STAR ORC is recruiting tenure track faculty with a focus on traumatic brain and/or spinal cord injury. Minimum requirements include an M.D., PhD or M.D./PhD degree, with a strong record of publications and extramural funding. Interested applicants should send or e-mail a letter of inquiry and curriculum vitae to:

Alan I. Faden, MD, FACP, FAAN
Director
Shock, Trauma and Anesthesiology Research
University of Maryland School of Medicine
419 W Redwood St., Suite 225
Baltimore, MD 21201
afaden@anes.ummm.edu

The University of Maryland, Baltimore is an AA/EOE/ADA Employer, and has a strong institutional commitment to the principle of diversity in all areas.
**Tenure Track Faculty Position**

The Department of Physiology at The University of Texas Health Science Center at San Antonio (UTHSCSA) is continuing its major expansion. This year we seek to hire one tenure track faculty. At present, the Department of Physiology has clusters of research strength in neuroscience, cardiovascular function, ion channel biophysics, and the molecular biology of aging. Although candidates that can extend or bridge these areas are encouraged to apply, we are most interested in talented investigators using cutting edge techniques to elucidate fundamental physiological mechanisms at the molecular, cellular, or integrative levels. Investigators at all ranks are encouraged to apply. Candidates will be expected to contribute to the teaching mission of the Department that includes training medical, dental, and graduate students. A competitive start-up package and ample resources are offered as part of this exciting endeavor.

UTHSCSA is a Tier One research institution located in the Northwest section of San Antonio and sits as a gateway to the picturesque Texas Hill Country. San Antonio is a vibrant, dynamic, and multicultural city with much to offer including an attractive cost-of-living.

Review of applications will begin immediately and the position will remain open until filled. Candidates should submit the following as pdf files: curriculum vitae, two-page summary of description of research accomplishments/goals and three letters of reference to:

**John M. Johnson, Ph.D., Professor**  
Department of Physiology  
E-mail: PhysioSearch@uthscsa.edu  
Website: www.physiology.uthscsa.edu

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 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 scientists to apply, provided that they are at an early stage of their career.

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:

- Chemical and Structural Biology
- Neurosciences and Behavior
- Immunology, Virology and Microbiology
- Organismal Biology, Evolution & Ecology
- Medical Sciences and Human Genetics
- Physical & Mathematical Biology
- Molecular, Cell and Developmental Biology

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

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

The deadline for receipt of applications is October 16, 2009.

If you have questions regarding submitting an application, please contact our Administrator at facultysearch@rockefeller.edu.

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

The Department of Medicinal and Biological Chemistry, University of Toledo invites applications for a tenure-track, twelve month appointment at Assistant/Associate Professor levels, commencing January 4, 2010. We seek a scientist with demonstrated expertise in pharmacogenomics/genomics. The candidate will be required to maintain an independent, externally funded research program that can be in research areas such as cancer biology/chemotherapy, immunology, cardiovascular, chemical genetics, etc. The successful candidate will have colleagues in the area of genomics in the colleges of pharmacy, medicine and arts and sciences.

Applications should have a Ph.D. in medicinal chemistry, chemistry, biological sciences, or a related field. Excellence in research as demonstrated by publications and external funding are required for the appointment.

The candidate will be expected to teach undergraduate and graduate level courses in Medicinal and Biological Chemistry associated with PharmD curricular changes with an emphasis on pharmacogenomics.

Review of applications will begin October 23, 2009 and will continue until the position is filled. Applications should include: a CV, description of research plans, copies of selected publications, statement of teaching philosophy, and contact information for three references. Please apply via e-mail at MBCJobSearch@UToledo.Edu or by ground mail to: Chair of Medicinal Chemistry Search Committee, c/o Linda McPherson, Dept. of Medicinal & Biological Chemistry, College of Pharmacy, University of Toledo, 2801 West Bancroft Street, Toledo, OH 43606-3390. For additional information of faculty current research interests please visit: http://www.u Toledo.edu/pharmacy/depts/mbc/index.html.

The University of Toledo is an Equal Access, Equal Opportunity, Affirmative Action Employer and Educator. Applications from women and minority candidates are strongly encouraged.

Case Western Reserve University
School of Medicine

Faculty Positions
Department of Pharmacology

Applications are invited for faculty positions in the growing and newly renovated Department of Pharmacology at the Case Western Reserve University School of Medicine. All faculty ranks are open, dependent on current level of achievement.

The Department has a great tradition of excellence in molecular pharmacology with strong growing programs in chemical biology, membrane structural biology, pharmacogenetics/genomics, and translational pharmacology. Although the best candidates in any area relevant to modern pharmacology will be competitive, applicants with background and interest in membrane protein structure and in chemical biology are particularly encouraged to apply.

Visit our website http://pharmacology.case.edu/ for more information about the department.

All applicants should submit a cover letter, full Curriculum Vitae with publications and grant support, and a list of professional references. In addition, applications should include descriptions of the candidate’s research interests and goals, and teaching, mentoring, and professional service experiences.

Qualified applicants for Instructor should hold a doctoral degree and have completed at least several post-doctoral or fellowship years. 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.

Please submit applications by email to Camala Thompson, Programs Administrator (cam@case.edu), with c.c. to Amy Wilson-DelFosse, Ph.D., Associate Professor of Pharmacology (awx41@case.edu).

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity.

The Center for Cell and Genome Science and Department of Chemistry invite applications for a tenure-track faculty position in Chemistry at the Assistant Professor level. More senior applicants seeking a higher-level appointment are also welcome to apply. We seek creative and independent scientists working in any area of chemistry, cell biology, or genome science who are pursuing quantitative, mechanistic approaches to fundamental problems in chemical biology, including the development of novel experimental methods. 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 Chemistry, and will also have access to graduate students from programs in Chemistry, Biology, Molecular Biology, Biological Chemistry and Neuroscience.

Please send in PDF format a curriculum vitae, representative publications, research plan, and arrange for three letters of reference to be sent directly to Nancy Kurzzeborn (nancy.kurzzeborn@bioscience.utah.edu), CCGS/Chemistry Search Committee, Building 084, University of Utah, 257 South 1400 East, Salt Lake City, UT 84112-0840. Candidates must hold a Ph.D. degree or equivalent, preferably in Chemistry, Biophysics or Biological Chemistry. Review of applications will commence November 1, 2009 and will continue until the position is filled.

This position is part of the Utah Science, Technology and Research initiative (USTAR) which was funded by the Utah State Legislature to attract focused teams of outstanding researchers who have the potential of helping build major research programs and creating new technology that can ultimately lead to commercial products and/or new industries for Utah.

The University of Utah is an Equal Opportunity/Affirmative Action employer and encourages applications from women and minorities and provides reasonable accommodation to the known disabilities of applicants and employees. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.
We are seeking for outstanding Ph.D. candidates to apply for the Harry S. Truman Research Fellowship in National Security Science and Engineering. This initial one-year appointment may be extended, at management’s discretion, for two additional one-year appointments. The salary is $106,600 per year. This position requires a United States Department of Energy Security Clearance, which requires United States Citizenship.

The Truman Fellowship provides the opportunity for recipients to pursue independent research of their choosing that supports Sandia’s national security mission. Candidates are expected to have solved a major scientific or engineering problem in their thesis work or have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

Candidates must have a Ph.D. within the past 3 years or, will complete all Ph.D. requirements by commencement of appointment, with a broad-based background and extensive knowledge of research in one or more of the following advanced computing, information systems and mathematics; bio/bioinformatics; materials science and technology; microelectronics and microsystems; nanosciences and technology; pulsed power and directed energy; and remote sensing and satellite systems. Candidates must be seeking their first national laboratory appointment (pre postdoc internships excluded), have excellent academic (minimum 3.5 undergraduate and 3.7 graduate GPA preferred) and research qualifications, good communication skills, and enjoy working in a team-oriented, dynamic environment.

For complete instructions, please visit: http://www.sandia.gov/employment/special-prog/truman. Please submit the complete package to: Roberta Rivera, Sandia National Laboratories, P.O. Box 5800 MS: 1497, Albuquerque, New Mexico 87185-1497, or email rjrver@sandia.gov, or fax 505-845-9802. Please reference Job Requisition Number: 62705. All materials must be received by December 5, 2009. U.S. Citizenship Required. Equal Opportunity Employer. M/F/D/V.

ASSISTANT ASSOCIATE PROFESSOR Department of Biochemistry & Molecular Biology

We seek applications to fill two tenure-track positions at either the ASSISTANT ASSOCIATE PROFESSOR level from individuals studying fundamental biological processes at a molecular level. The successful applicants will be expected to develop well-funded research programs and to contribute to graduate and medical teaching. We offer a highly competitive startup package and salary.

Further information about the Department can be found at website: http://www.upstate.edu/biochem.

Candidates should have a Ph.D. or equivalent, postdoctoral experience, and a strong publication record. Applicants should e-mail a PDF file containing curriculum vitae, a summary of research accomplishments, and future research plans to e-mail: biochem@upstate.edu. In addition, three letters of reference should be mailed directly to: Dr. Patricia M. Kane, Chair, Department of Biochemistry and Molecular Biology, 750 East Adams Street, Syracuse, NY 13210.

Review of applications will begin in mid-October 2009, and continue until the positions are filled.

ASSISTANT PROFESSOR Neurobiology and Behavior

Stony Brook University’s Department of Neurobiology and Behavior is continuing a major initiative in neuroscience with recruitment of a tenure-track faculty position at the assistant professor level in 2010. Successful candidates will join an active and diverse group of neuroscientists at Stony Brook University and its affiliated institutions and will also participate in the Department’s research mission and in graduate, undergraduate, and medical school teaching. Exceptional packages include state-funded salary and benefits, newly renovated lab space, and generous start-up funding.

Outstanding scientists in all fields of neuroscience will be considered, but those engaged in molecular approaches are especially encouraged to apply. Applicants must have a Ph.D. or equivalent degree and postdoctoral experience.

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

Apply online at: www.stonybrook.edu/jobs (JOBS Reference #: F-4034-09-08-F) or send a C.V. a statement of research interests, and contact information for three references to: Faculty Search Committee, Department of Neurobiology and Behavior, Life Sciences Building, Stony Brook University, Stony Brook, NY 11794-5230; or fax (631) 632-6681.

Equal Opportunity/Affirmative Action Employer. Women, people of color, individuals with disabilities, and veterans are encouraged to apply.

ASSISTANT PROFESSOR OF MEDICINE ASSOCIATE PROFESSOR OF MEDICINE Cardiology/Biology Harvard Medical School Massachusetts General Hospital

Massachusetts General Hospital invites applications for two tenure-track faculty positions at the Assistant or Associate Professor level. Applicants must hold a Ph.D., M.D., or M.D./Ph.D. degree. The applicants are expected to develop a program of research/ Scholarly investigation in a field broadly related to cardiovascular disease, including cardiac or vascular genetics, development, physiology, or disease. Scientific approaches and technologies that could have a significant impact on these areas are also of interest.

The closing date for applications is November 15, 2009. To apply, send detailed Curriculum Vitae, a short description of future research plans and 1-2 copies of your most significant publications. Additionally, please provide names of at least three individuals who will write letters of recommendation and ask that they be sent immediately.

Direct all materials to: cvrcfacultyrecruit@partners.org

MGH is an Affirmative Action/EQUAL Opportunity Employer committed to excellence through diversity. Women and Minorities are encouraged to apply.
The University of Texas Medical Branch at Galveston
Stops for No Storm

We didn’t in 1900.*

Despite Hurricane Ike’s best efforts, the University of Texas Medical Branch never wavered from its history of leading biomedical research from Galveston. In fact, many of our research programs were back up and running shortly after the storm slammed ashore last September.

Today, we continue to conduct innovative research, educate tomorrow’s health care providers, and provide outstanding patient care. As the first academic medical center in the state, we’ve been making a difference since 1891. And thanks to the hard work of our faculty, staff, students and supporters across the state, nation and globe, we will continue to do so well into the next century.

Our future is bright.
Our path is clear.
We invite you to join us.

*Board of Regents Medical Committee Chairman Beauregard Bryan sent this telegram to the University of Texas Medical Department in the aftermath of the 1900 Storm. His words became a rallying cry for the heavily damaged Galveston campus, as it successfully rebuilt from what is still considered one of the nation’s worst natural disasters.
The Institute for Human Infections and Immunity (IHII)

The IHII is at the hub of UTMB’s infectious disease research programs. Headquartered within the Galveston National Laboratory, a state-of-the-art maximum containment facility, the IHII is working today to create tomorrow’s solutions to infectious diseases and bioterrorism. Contact us at www.utmb.edu/ihii regarding graduate training and postdoctoral research fellowships; GLP compliant product evaluation; collaborative research opportunities; vector biology, aerobiology, and imaging capabilities; and the National Biodefense Training Center (full-suit BSL-4 training).

Biochemistry and Molecular Biology

The faculty of the Department of Biochemistry and Molecular Biology engage in multi-disciplinary research that combines tools from biochemistry, cell biology, molecular biology, systems biology, and structural and computational biology to probe critical health issues such as aging, cancer, diabetes, infection, and trauma response. Our scientists, students and postdoctoral trainees have access to a group of centers of excellence and a robust graduate program with specialized training tracks in Cancer Biology and Molecular Biophysics providing a unique opportunity for collaborative basic and translational research. To learn more, visit http://bmb.utmb.edu/

The UTMB Center for Addiction Research

We are inspired—and driven—by a vision to understand the biology of addiction, one of the great biomedical challenges on the public health agenda. By leveraging the collective strengths of behavioral neuroscience, chemistry, molecular biology, neuroscience and pharmacology, our group approaches addiction as a scientific inquiry focused on mechanism-driven target identification and the translation of this knowledge into therapeutic interventions. To learn more, visit www.utmb.edu/addiction for the latest in recruitment, activities and research programs of the Center.

The UTMB Cancer Center

Our center is committed to performing innovative basic and translational research to increase the understanding, treatment and prevention of cancer. Active collaborations between clinical, research and translational faculty provide patients with state of the art care, and offer outstanding clinical and research opportunities. Areas of focus are viral carcinogenesis, tumor immunology and microenvironment, metastatic disease, environmental carcinogenesis and imaging. Cancers of the liver, head and neck, breast and cervix are of particular interest. To learn more, contact Dr. Robert Ulrich at bullrich@utmb.edu.

The Institute for the Medical Humanities

The Institute for the Medical Humanities, comprising scholars with expertise in philosophy, law, literature, history, theology, and the visual arts, is committed to exploring the perplexing problems that arise in health care and the biomedical sciences and revealing insights that are available only through humanistic inquiry. We offer the only Ph.D in medical humanities in U.S. To learn more, visit www.utmb.edu/imh.

The Sealy Center for Vaccine Development

The Sealy Center for Vaccine Development supports multidisciplinary research on the development and use of vaccines in our efforts to promote health and well-being. Our investigators are involved with all aspects of vaccine development, including: discovery, basic, applied and clinical research; preclinical development; clinical trials; public policy; community outreach and education. For more information, visit www.utmb.edu/scvd.

The Sealy Center for Structural Biology and Molecular Biophysics

The mission of the Sealy Center for Structural Biology and Molecular Biophysics (SCSB) is to elucidate the basic relationships between macromolecular sequence, structure and function, and to leverage this information into the development and treatment of disease. Resources include nuclear magnetic resonance, X-ray crystallography, and cryo-electron microscopy. For more information, visit www.scsb.utmb.edu.

Pharmacology and Toxicology

Our mission is to bridge basic understanding of disease mechanisms and the discovery of new therapeutics. Our department is home to an active group of investigators with research interests in neuroscience, cancer, cell signaling, and chemical biology. Embracing innovative technologies to meet the challenges of future biomedicine, our faculty is known for its high-caliber research accomplishments, outstanding student training, and leadership roles. Visit us at http://www.utmb.edu/phptoX to learn more details.

The Sealy Center for Molecular Medicine (SCMM)

The SCMM is developing systems biology-oriented research programs to provide novel insight into cellular inflammatory and stress response pathways characteristic of common diseases, including asthma and aging. We have growth opportunities in several areas, including mass spectrometry. To learn more, visit www.scmm.utmb.edu.

The Institute for Translational Sciences (ITS)

As the academic home for patient-oriented clinical and translational research, ITS is creating an environment for rapid translation of significant discoveries in basic research into diagnosis, treatment and prevention of common diseases. We will have growth opportunities in the areas of biomedical informatics and clinical science. To learn more, visit www.its.utmb.edu.

The Sealy Center on Aging

Our center features more than 30 faculty and $18 million in yearly NIH funding. Our three major research areas are prevention of muscle loss with aging (Claude D. Pepper Center); the health of older Mexican-Americans; and studies related to cancer treatment effectiveness in the elderly. To learn more visit www.utmb.edu/scoa.

Neuroscience and Cell Biology

Our Department is dedicated to pushing the frontiers of basic and translational research in the neurosciences and cell biology and to medical, graduate, and postdoctoral education. Major research areas include cell signaling, development, disease mechanisms, molecular neuroscience, structural neurobiology, and systems and behavioral neuroscience. We have close interactions with the Mitchell Center for Neurdegenerative Disease Research, the Moody Center for Brain and Spinal Cord Injury Research, the Gulf Coast Consortium on Translational Pain Research, the UTMB Cancer Center, and the Sealy Center for Structural Biology and Molecular Biophysics. Visit www.utmb.edu/ncb to learn more about us.
We are the newly established R&D center of Novartis in Shanghai, China.
We focus on biomedical research and drug discovery.
We bring innovative medicines to patients.

Think what’s possible

China Novartis Institutes for BioMedical Research Co., Ltd

The mission of Novartis Institutes for BioMedical Research (NIBR) is to bring innovative medicines rapidly into the clinic and establish a new grammar for drug discovery. NIBR (China) was launched in 2007 with current focus on diseases prevalent in Asian population, particularly cancers with infectious causes such as liver cancer caused by HBV or HCV infection. The new research institute integrates drug discovery activities ranging from target validation all the way through to clinical studies. As a fast growing center of excellence in Asia, we are looking for the brightest scientists striving for innovation, teamwork and success to join us.

Position 1. Investigator - Epigenetics Scientist (job ID: 56047BR)
We are looking for an investigator who will be responsible for target ID, validation and leading drug discovery projects. The ideal candidate should have strong experience and track record of publications in epigenetics field, knowledgeable in chromatin IP, transcription assays and genomic tools. Any prior experience of cancer biology and signal transduction will be a plus.

Position 2. Investigator - Enzymologist (job ID: 55396BR)
We are looking for an investigator who will be responsible for developing innovative enzymatic assays to support drug discovery efforts. The successful candidate should have a Ph.D. degree in enzymology or related field with a strong background in enzyme kinetics and catalysis. Hands on assay development experience with protein families such as protein kinase and epigenetic modification enzymes is strongly preferred.

Position 3. Investigator - Antibody Biochemist (job ID: 55572BR)
We are looking for an investigator who will be responsible for generating antibodies for target validation, assay development and therapeutic applications. The candidate must hold a Ph.D in immunology, biochemistry or related field and have two years of relevant experience. He/she should have in-depth knowledge of epigenetics and hands on experience in hybridoma or phage display technologies. The candidate must be familiar with ELISA, chromatin and cellular based assays.

Position 4. Investigator - Bioinformatics (job ID: 54058BR)
We are looking for an investigator who will focus on using novel technological and computational approaches to support drug discovery efforts. The person will compare the effects of compounds and genetic perturbations on biological pathways across multiple species, and conduct statistical analyses of large-scale biological assays and compound screens in normal and disease context. Experience with gene expression profiling and genetics analysis is strongly preferred. The successful candidate should hold a Ph.D. in bioinformatics or equivalent education with solid understanding of basic statistics and quantitative data analysis.

Position 5. Manager of Laboratory Animal Services (job ID: 54057BR)
We are looking for an experienced individual to manage the Laboratory Animal Services (LAS) program in NIBR, Shanghai. He or she will set up the LAS team, manage basic laboratory animal services in compliance with AAALAC and AWO guidelines. The responsibilities include vivarium operations, animal maintenance program, animal husbandry, veterinary and in vivo technical supports. The candidate will also assume responsibilities as the attending veterinarian of the site Institutional Animal Care & Use Committee (IACUC), and the institutional Animal Welfare Officer (AWO). The manager will implement regulations and guidelines on animal welfare, coordinate and conduct AWO inspections. The candidate should have Ph.D., Master or Bachelor’s degree in Veterinary Medicine or Life Sciences. Current License to practice Veterinary Medicine in US or China is preferred. The candidate should have direct experience in animal sciences, animal facilities, maintaining and users of laboratory animals. Knowledge on animal cares and uses, animal welfare, NIH/Europe/local government AWO policies is essential. Good communication, interpersonal skills, and fluency in English/Chinese are required.

Post-doctoral fellow positions (job ID: 54062BR)
Several post-doctoral fellow positions are available at NIBR, Shanghai. We are seeking qualified applicants with expertise in molecular biology, biochemistry, cell biology or immunology to join our team focusing on investigating mechanisms of epigenetic modifications on tumorigenesis.

For more details and to apply, please visit our career website www.novartis.com/careers quoting the relevant job ID. You can find more opportunities by quoting “NIBR Shanghai” as the keyword.
Clinical Tenure Track Position

The National Institute of Allergy & Infectious Diseases (NIAID), Division of Intramural Research (DIR), is seeking an outstanding tenure-track investigator to develop a clinical research program to better understand, treat, and ultimately prevent infectious, immunologic, and/or allergic diseases. The successful candidate will implement and direct an independent clinical research program with an emphasis on clinical studies but which may include translational and basic research. The incumbent can choose the laboratory with which he or she would prefer to be affiliated. Any clinical protocols developed should complement the research goals of the selected laboratory. In addition, the incumbent will be paired with a senior investigator, who will serve as a clinical mentor.

An outstanding postdoctoral record of research accomplishment and an M.D., M.D./Ph.D., or equivalent degree is required for this position; board eligibility/board certification is also required. The incumbent will be expected to meet the requirements for authorization of patient care privileges by the Credentialing Services of the NIH Clinical Center.

Candidates will be assigned independent resources to include clinical and/or laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries sufficient to foster success. This is a tenure-track appointment under Title 42. Salary is dependent on experience and qualifications.

Interested candidates may contact
Dr. Karyl Barron, DIR deputy director at 301-496-3006 or kbarron@nih.gov for additional information about the position.

To apply for the position e-mail your curriculum vitae, bibliography, and an outline of your proposed research program (no more than two pages), by November 3, 2009 to Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov. In addition, send three letters of recommendation to Chair, NIAID DIR Clinical Tenure Track Search Committee, c/o Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov or 10 Center Drive MSC 1356, Building 10, Room 4A-22, Bethesda, MD 20892-1356. E-mail is preferred. Please note search #027 when sending materials.
The Center for Human Immunology, Autoimmunity, and Inflammation (CHI) is a new, trans-NIH initiative located on the Bethesda, Maryland campus. We are recruiting experts in bioinformatics, computational and systems biology to lead and staff a full program in data acquisition, analysis, and modeling. The incumbent will be responsible for the design of operating procedures and software for large scale data collection, data storage, and user access; for application of existing and creation of new statistical and other computational tools to the analysis and interpretation of multiple ‘omic’-scale datasets; and for utilization of these data and analytic results in the development of new insights into and computational models of human cell, tissue, and organism-level immune function.

The Center’s mission is the study of the human immune system in health and disease and to this end it will utilize current and develop advanced technologies to interrogate the human immune system. Research will be conducted by integrated teams of physicians and basic scientists representing both the entire spectrum of NIH Institutes and the CHI. The goals of the Center are to gain a better understanding of shared immune pathophysologies that underlie specific diseases and the role of inflammation in a wide variety of common disorders, including cancer, atherosclerosis, rheumatic syndromes, and neurologic degeneration, and to rapidly translate new knowledge into improvements in diagnosis and treatment of disease in support of the core NIH mission to improve human health. Individuals in these positions will hold a joint appointment between the CHI and an NIH Institute. Bioinformatics Software Developers with database and software development experience (MS in Bioinformatics, Computer Science, and/or relevant disciplines with 2+ years of hands-on bioinformatics experience; or BS with 5+ years of experience). Bioinformatics Scientists with large-scale biological data analysis experience (e.g. microarrays, proteomics, genome-wide association studies) (PhD in Bioinformatics, Biostatistics, Computer Science, and/or relevant disciplines; or MS with 2+ years of experience).

**HOW TO APPLY:**

Competitive salaries commensurate with experience and qualifications are offered for each position. Appointees may be US citizens, resident aliens or non-resident aliens holding or eligible for a valid employment visa. Applications must be received by **November 30, 2009**. Please submit a curriculum vitae and brief statement of how your research interests will be able to advance the CHI mission, along with three letters of reference to:

Neal S. Young, M.D., Director, CHI, NHLBI, NIH, c/o Christen Norris, Building 10CRC, Room 4E-5140, 9000 Rockville Pike, Bethesda, MD 20892-1202, or you may send the application electronically to norrisca@mail.nih.gov.
Staff Scientist Position

The Intramural Research Program of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) of the National Institutes of Health (NIH) in the Department of Health and Human Services (DHHS) is seeking a Staff Scientist who will serve as Director for the Office of Science and Technology (OST). The OST comprises a number of core facilities including flow cytometry, light imaging, translational immunology, bioinformatics, and laboratory animal care and use. The OST supports the mission of the NIAMS to conduct research into the causes, treatment, and prevention of arthritis and musculoskeletal and skin diseases, the training of basic and clinical scientists to carry out this research, and the dissemination of information on research progress in these diseases.

The Director will supervise the core facilities within the OST and coordinate provision of training, maintenance and acquisition of new instruments. S/he will be expected to support other scientists at the institute, particularly with respect to clinical research.

Minimum qualifications include a Ph.D. and extensive experience in flow cytometry, use of transgenic and other genetically manipulated animals, and light imaging. Experience in signal transduction, cytokine biology and genetic disease is required. Experience in clinical research as manifested by publication in outstanding journals is also required. Competitive candidates will have supervisory experience and ability to oversee complex budgets and contracts.

Salary is commensurate with experience and accomplishment. The current salary range for Staff Scientists is $78,956 - $171,257. This position is located on the NIH campus in Bethesda, Maryland, a suburb of Washington, D.C. NIAMS and is a term limited/renewable appointment under Title 42. The NIH offers tremendous depth and breadth of intellectual and technological resources. Benefits include retirement, health insurance, life insurance, Thrift Savings Plan, Flexible Spending Account. Applicants should submit a curriculum vitae, bibliography, a brief statement of relevant background, and arrange for three letters of recommendation to be sent to: Ms. Kim Griffin, NIAMS National Institutes of Health, Building 31 Room 4C-12, 9000 Rockville Pike, Bethesda MD 20892, Email: griffik@mail.nih.gov.

Applications will be accepted until October 10, 2009.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
NATIONAL INSTITUTES OF HEALTH
OFFICE OF THE DIRECTOR
ASSOCIATE DIRECTOR FOR LEGISLATIVE POLICY AND ANALYSIS

The Office of the Director (OD) of the National Institutes of Health (NIH) in Bethesda, Maryland, invites applications for the position of Associate Director for Legislative Policy and Analysis. This is a career Federal position in the Senior Executive Service. The Associate Director for Legislative Policy and Analysis provides executive leadership and direction for NIH legislative policy, analysis, development, strategy, and liaison relevant to NIH programs and activities. As the senior legislative official for NIH, the incumbent analyzes the overall legislative needs of the NIH, directs the development of legislative proposals and testimony, and provides liaison with congressional committees. Other responsibilities include: advising the Director, NIH, and senior staff on political issues and on pending legislative and oversight activities; representing the agency on legislative matters, as appropriate; and managing legislative policy and liaison activities with the Congress, the Department, and other agencies regarding pending legislation that may affect NIH and the national medical and health related research community. This position is also responsible for implementation of law, including appropriations. The incumbent manages the Office of Legislative Policy and Analysis and reports to the Director, NIH. A full package of Civil Service benefits is available including retirement, health and life insurance, long-term care insurance, leave, and a 401k equivalent savings plan. A detailed vacancy announcement, along with mandatory qualifications and application procedures, can be obtained via the NIH Home Page at: http://www.jobs.nih.gov under the Executive Jobs section (Announcement Number: OD-09-05SES) or by contacting Lynnita Jacobs at seniorre@od.nih.gov or calling 301-402-4077. Applications must be received electronically by 11:59 p.m. on Monday, September 21, 2009.
Center for Lignocellulose Structure and Formation

is accepting applications for the following positions:

Center Manager, Administrative Staff, Laboratory Technicians, Post-Doctoral Students, and Graduate Students

The Center for Lignocellulose Structure and Formation is a DOE Energy Frontiers Research Center focused on developing a detailed understanding of lignocellulose, the main structural material in plants. Research topics range from cellulose synthesis and fibril formation to the mature plant cell wall. This research will form a foundation for significant advancement in sustainable energy and materials. Additional details are online at:

www.lignocellulose.org

Applications may be mailed to Mary M. McCarthy, Coordinator of Research and Administrative Services, Penn State Institutes of Energy and the Environment, 100 Land and Water Research Building, University Park, PA 16802. Applications for non-student positions should include a cover letter, complete resume, and three references.

The University of Minnesota Stem Cell Institute (SCI) is seeking highly motivated Ph.D. POST DOCTORAL Associates to conduct diabetes-related research in the areas of iPS/differentiation and engineering large-scale mammalian cell cultures. The SCI is partnered with the Schulze Diabetes Institute in pioneering cell-based therapies to cure type 1 diabetes.

Both positions will investigate, conduct and lead research projects; participate in design, implementation, and evaluation of the research; participate in the preparation and presentation of data to study investigators, collaborators and collaborating labs; participate in the preparation of manuscripts or presentations for publication or submission to scientific meetings.

The iPS/differentiation recruit will be responsible for maintaining stem cell cultures, generating and isolating pancreatic cell types from stem cells. A Ph.D. in cell biology, developmental biology or related field is required. Experience of independent research with primary mammalian cell culture and genetic modification is required.

The engineering recruit will be responsible for generating large-scale cultures from stem cells. A Ph.D. in Chemical or Biomedical Engineering or related field, or a MS or BS degree with extensive experience with laboratory work is required. Experience with characterization of growth and differentiated functions of mammalian cells as well as genetic modification of mammalian cells is required.

Please forward curriculum vitae and cover letter to: Heather Nelson, Administrative Director, MMC 280, 420 Delaware Street SE, Minneapolis, MN 55407; Email: nelso476@umn.edu.

Agrivida

Agrivida is a biotechnology company developing crop traits for fuel and chemical production from non-food cellulosic biomass. We are building a team of experienced scientists and engineers with diverse backgrounds to play key roles in expanding the foundation of our trait and bioprocessing capabilities.

Agrivida seeks qualified persons to join our Plant Analysis group in Storrs, CT. Candidates should have a deep knowledge and experience in:

- Molecular plant analysis (protein/ DNA/ RNA isolation from plant tissues); RT-PCR, Northern/ Southern/ Western analysis;
- Enzyme assay development and data analysis; and
- Managing full-time BS/ MS level scientists.

Applicants must have a PhD in biochemistry or molecular biology; >2 years industrial plant research experience, and be qualified to work in the U.S. Expertise with cell wall degrading enzymes are preferred. An enthusiasm for working in the laboratory (30+ hrs/wk) and creating a positive team environment is necessary. Demonstrated computer literacy and outstanding written, oral, and interpersonal skills are required. Please send a letter and curriculum vitae to careers@agrivida.com with the subject line Agrivida PhD Plant Analysis.

Agrivida is an Equal Opportunity Employer.

Center for Lignocellulose Structure and Formation

A full-time position at Taiwan’s premier research facility: five days per week on campus in Nankang on the outskirts of Taipei. Life Science related PhD required. Responsibilities include English editing of manuscripts for international educational publications.

The successful candidate will be able to offer constructive comments regarding logic and lucidity, in addition to general English editing. National Health Insurance and Alien Resident Certificate provided. The interview process will start from Sep. 15, 2009, until the position is filled.

Please send resume to: Ms. Eva Chang, Secretary’s Office, Institute of Molecular Biology, Academia Sinica, Nankang, Taipei, Taiwan 11529, or via E-mail: eva@gate.sinica.edu.tw
Climate Product Expert

In this role, you will lead the EUMETSAT climate-related activities performed by reprocessing and operational satellite inter-calibration activities. You will consolidate the requirements for the reprocessing activities through participation in coordination activities related to international climate projects. Furthermore, you will lead the verification and validation of all climate data sets derived through the reprocessing activities.

To be successful, you should have a University degree or equivalent in Meteorology or related discipline together with a minimum of five years of experience in satellite meteorology or climate research. You should have demonstrable experience in the analysis, verification and validation of meteorological satellite or climate products along with a good understanding of the use of meteorological satellite data for climate applications. You should have experience working in international projects and a good understanding of working in operational environments. Experience in project management or project coordination is a prerequisite.

Based in Darmstadt, Germany, the post is offered on an initial four-year contract. We offer an attractive remuneration package including a highly competitive salary, private social security and health coverage, generous allowances, as well as financial support and practical assistance in relocating your family. Further information on the position, salary and benefits, and how to apply can be found on the EUMETSAT website: www.eumetsat.int. Please note that only applications from nationals of one of the EUMETSAT Member States can be considered.

Closing date: 27 September 2009 (REF.: VN-09-25)

Member states: Austria, Belgium, Croatia, Denmark, Germany, Hungary, Finland, France, Greece, Ireland, Italy, Latvia, Luxembourg, The Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom
The Department of Biology, Washington University in St. Louis, seeks applications for an endowed professorship, made possible by a gift from the Spencer T. and Ann W. Olin Foundation. We seek an innovative and accomplished scientist whose research interests are in evolutionary biology. We encourage applicants at both the ASSOCIATE and FULL PROFESSOR levels and from all areas of evolutionary biology, including evolutionary genomics, population genetics, evolutionary development, and evolutionary ecology.

Research approaches could be theoretical, experimental, or involve natural systems. This endowed professorship will be supported with a generous allotment of space and startup funds. The tenured Spencer T. Olin Professor will establish a vigorous teaching and research program and will interact with faculty across the Biology Department and within the Division of Biology and Biomedical Sciences. Opportunities exist for interaction with the Washington University Center for Genome Sciences, the Donald Danforth Plant Science Center, the Missouri Botanical Garden, the St. Louis Zoo, and the Washington University Tyson Research Center, a 2,000-acre field station located 20 miles from the Danforth Campus. Consideration of applicants will begin on October 2, 2009, and continue until the position is filled. Letters of application accompanied by a vita, statements of research and teaching interests, reprints of up to three selected papers, and affiliations of three persons who can be contacted for letters of recommendation can be sent either electronically or by mail to:

Spencer T. Olin Professor Search
Department of Biology
One Brookings Drive
St. Louis, MO 63130-4899
E-mail: spencertolinsearch@biology2.wustl.edu

Women and members of minority groups are encouraged to apply. Washington University is an Affirmative Action Employer.

FACULTY POSITIONS
Massachusetts Institute of Technology
Department of Chemistry
The Massachusetts Institute of Technology Department of Chemistry invites applications for tenure-track appointments beginning July 2010. Outstanding applicants with teaching and research interests in all areas of chemistry are encouraged to apply. MIT Chemistry has particular interest in appointments in the areas of inorganic and organic chemistry, broadly defined. Applicants working at the interface of these and related areas are also sought. The appointments will be at the rank of ASSISTANT PROFESSOR, but outstanding senior applicants may be considered. A completed application will include a vita, a one-page summary of research plans, two or more research proposals, a brief statement of teaching interests, and three or more letters of recommendation.

Applications are being accepted at Academic Jobs Online, website: https://academicjobsonline.org/ajo. To receive full consideration, completed applications must be received by October 2, 2009.

Search contact: Ms. Karen Fisher, Personnel Administrator, Department of Chemistry, Room 18-392, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139-4307.

MIT is an Equal Opportunity/Affirmative Action Employer. Applications from women, minorities, veterans, older workers, and individuals with disabilities are strongly encouraged.

FACULTY POSITION
Massachusetts Institute of Technology
Pharmacology, Physiology and Neuroscience
The Department of Pharmacology, Physiology and Neuroscience at the University of South Carolina School of Medicine invites applications for a faculty position at the ASSISTANT PROFESSOR level. New faculty will join an interdisciplinary and collaborative Department at a University in the midst of an ambitious program to achieve national prominence in research and education. Candidates with research interests that complement the departmental research programs that focus on studying the molecular or cellular mechanisms underlying physiological processes, complex behaviors, or drug action are desirable. Successful candidates will also be expected to participate in the graduate and medical education. Candidates must have a doctoral degree and postdoctoral experience. Preference will be given to individuals with experience in medical education, funding success and potential, and research interests that enhance departmental programs targeting neurological, neuropsychiatric, cardiovascular, or endocrine disorders. Substantial startup funds and modern facilities will be provided. The initial appointment is viewed as a non-tenure-track position, with transition following into a tenure-track following establishment of a funded, independent research program and demonstration of teaching competency. Exceptional applicants will be considered for immediate appointments.

Qualified applicants may apply by submitting a single electronic file (PDF or Word) that includes a cover letter summarizing qualifications, curriculum vitae and publication list, a statement of research plans and professional goals, and contact information for four references. The file should be attached to a message sent to: Dr. Marlene Wilson, e-mail: ppn.search@uscmed.sc.edu with “PPN Faculty Search” as the subject. For more information about the Department including our research programs, please visit website: http://ppn.med.sc.edu/.

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

FACULTY POSITIONS
NorthShore University HealthSystem (formerly Evanston Northwestern Healthcare) is seeking a Postdoctoral Fellow to conduct research related to the genetics of schizophrenia in the laboratory of Pablo V. Gejman, M.D. The main goal of the laboratory is the characterization of susceptibility genes for schizophrenia (see, Shi et al., Common variants on chromosome 6p22.1 are associated with schizophrenia, Nature 460(7256):753-7, 2009). The successful candidate will know experimental design and will have analytical and statistical skills and a demonstrated ability to work effectively in a group and independently at a level appropriate to the level of training. Candidates must have a doctoral degree and postdoctoral experience, and names/contact information of three references. Candidate’s letter should describe motivation and explain how the previous training experience would be relevant.

The main goal of the lab is to discover the molecular basis of serine protease specificity and regulation in the laboratory of Dr. Enrico Di Cera (website: http://biochem.wustl.edu/~enrico) at Washington University Medical School in St. Louis, Missouri. Recently graduated candidates with expertise in rapid kinetics and X-ray structural biology are encouraged to apply. Send curriculum vitae, list of publications, and names of three references to e-mail: enrico@wustl.edu.

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

POSTDOCTORAL POSITIONS
NorthShore University HealthSystem is seeking a Postdoctoral Fellow to conduct research related to the genetics of schizophrenia in the laboratory of Pablo V. Gejman, M.D. The main goal of the laboratory is the characterization of susceptibility genes for schizophrenia (see, Shi et al., Common variants on chromosome 6p22.1 are associated with schizophrenia, Nature 460(7256):753-7, 2009). The successful candidate will know experimental design and will have analytical and statistical skills and a demonstrated ability to work effectively in a group and independently at a level appropriate to the level of training. Candidates must have a doctoral degree and postdoctoral experience, and names/contact information of three references. Candidate’s letter should describe motivation and explain how the previous training experience would be relevant.

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

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