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Science Careers

From the journal Science

positions open

Michigan State University

Tenure-Track Faculty Position in the field of Signaling and Gene Expression in Development and Disease

The Department of Biochemistry and Molecular Biology at Michigan State University seeks to recruit an outstanding ASSISTANT PROFESSOR in cell signaling and gene expression (website: http://www.bmb.msu.edu). The individual will bring innovative and multidisciplinary approaches in these areas to bear on central questions in development and disease using stem cell, vertebrate, or invertebrate models.

Research focus areas may include signaling and gene networks, and incorporate studies in epigenetics, miRNA pathways, systems biology, and proteomics. It is anticipated that the successful candidate will contribute to the highly collaborative research environment on campus as exemplified by the Gene Expression in Development and Disease, Mitochondrial Science and Medicine, Breast Cancer, and Bio/computational Evolution in Action Consortium groups. The position will build upon existing research strengths in cancer, mitochondrial biology, metabolism and metabolic disorders, and transcriptional regulation.

Review of applications materials will begin on December 1, 2010, and continue until a suitable candidate is identified. Application materials should include a letter, curriculum vitae, statement of research interests and future directions, and three or more letters of reference. All application materials should be sent electronically to e-mail: development&disease@cns.msu.edu. Questions regarding this position may be directed to Dr. John J. LaPres (e-mail: lapres@msu.edu). Michigan State University is an Affirmative Action/Equal Opportunity Employer. Women, minorities, and people with disabilities are encouraged to apply.

Research Faculty Position

The University of Rochester School of Medicine and Dentistry Division of Endocrinology and Metabolism

The Division of Endocrinology and Metabolism at the University of Rochester School of Medicine is seeking new research faculty members of all ranks. Candidates must have an M.D. or Ph.D. and should be performing endocrine or basic or translational research. The Division is under new leadership, has recently moved into newly renovated space, and is seeking to rapidly expand its academic programs. Thus, The University of Rochester offers an exciting opportunity for research scientists interested in endocrinology. Please send an e-mail with curriculum vitae and letter to Stephen Hannum, chief, Division of Endocrinology and Metabolism, University of Rochester School of Medicine. E-mail: stephen_hannum@urmc.rochester.edu. The University of Rochester has a strong commitment to principles of diversity and, in that spirit, actively encourages applications from groups underrepresented in higher education.

Neurobiology Faculty Position

The Department of Biology at Clark University, Worcester, Massachusetts (website: http://www.clarku.edu/departments/biology/), invites applications for a tenure-track appointment at the rank of ASSISTANT PROFESSOR, to begin fall 2011. The successful candidate will be expected to develop an externally funded research program in any area of neurobiology involving Ph.D. and undergraduate students. The candidate will teach introductory, upper-level, and courses in related areas of expertise. Electronic copies of curriculum vitae, research and teaching interests, three publications, and three letters of reference should be received by the Search Committee prior to November 1, 2010, for full consideration (e-mail: sfoister@clarku.edu). Applications (website: http://www.clarku.edu/facultyjobs/) for full position description. Inquiries should be directed to Susan Foster (e-mail: sfoister@clarku.edu). Clark University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

Senior Faculty Positions in Human Immunology at the Vaccine and Gene Therapy Institute-Florida

The Vaccine and Gene Therapy Institute-Florida (VGTI-FL) is seeking outstanding senior IMMUNOLOGISTS to lead programs in basic and translational human immunology. VGTI-FL is one of the internationally acclaimed research institutes that have recently located to Florida. Research at the institute focuses on Global Health initiatives utilizing systems biology approaches to study the human adaptive and innate immune response to prevent and treat chronic infectious disease and cancer as well as identify immune defects of the aged to boost their immunity. VGTI-FL has ongoing basic and clinical research programs with the University of Miami, Moffitt Cancer Center, and Martin Memorial Hospital. The institute will occupy a new 100,000 square foot facility that will be located in Port St. Lucie, Florida on the Atlantic coast in a Biotech cluster that includes Torrey Pines Institute for Molecular Studies, the Mann Research Center, and Martin Memorial Hospital as well as the Max Planck Institute and the Scripps Research Institute. Florida within 30 minutes drive. Successful candidates (M.D. or Ph.D.) will have an established extramurally funded research program and a strong publication record in one of the areas of immunology described above. The positions have highly competitive salaries and start-up packages with access to state-of-the-art Genomics, Bioinformatics, and Flow Cytometry core facilities as well as BSL3/ABSL3 containment facilities within the institute. Interested candidates should submit curriculum vitae, a three-page description of their research program and the names of three references to: Rafick Sekaly, Ph.D. C/o Anne Gambardella Scientific Director, Co-Director Vaccine & Gene Therapy Institute Florida 11350 SW Village Pkwy 3rd Floor Port St. Lucie, FL 34987

Review of applications will begin November 15, 2010, but will continue until the positions are filled. The VGTI is an Equal Opportunity Institution committed to recruiting, hiring, and promoting qualified minorities, women, individuals with disabilities, and veterans.

Professor of Practice in Geographic Information Systems, Tulane University

The Department of Earth & Environmental Sciences seeks to fill a non-tenure-track, Professor of Practice position to teach courses in Geographic Information Systems (GIS), and to supervise the GIS computer lab. To be considered, the applicant must have experience with both traditional Geographic, and geophysical raster and point cloud data sets. Expertise with ESRI products is required, including customization of GIS applications. We seek an individual possessing an enthusiastic dedication to teaching who is willing to make a long-term commitment to the department and the University. A Ph.D. is required at the time of appointment. The initial appointment will be for three years with the possibility of renewal after a performance review, to begin fall 2011. The deadline for applications is October 30, 2010, but the position will remain open until filled. Applications should include curriculum vitae, a statement of teaching interests and goals, and the names and contact information of at least three references, and should be sent to: Dr. Stephen Nelson, Department of Earth & Environmental Sciences, Tulane University, 6823 Street Charles Avenue, New Orleans, LA 70118. E-mail: snelson@tulane.edu. Tulane University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

www.sciencecareers.org
Call for application to the International PhD program of the Berlin-Brandenburg School for Regenerative Therapies (BSRT)

The BSRT is a collaboration between the Charité - Universitätsmedizin Berlin, the Humboldt-Universität zu Berlin, the Freie Universität Berlin, the Technische Universität Berlin, the Universität Potsdam, Max Planck and Helmholtz Institutes and other high-ranking research institutions in Berlin and Brandenburg. This collaboration offers top class scientific and interdisciplinary training and research opportunities for students of natural, material and engineering sciences who want to pursue a career in the field of Regenerative Medicine and aim at translating their scientific discoveries into clinical applications.

The BSRT is a collaboration between the Charité - Universitätsmedizin Berlin, the Humboldt-Universität zu Berlin, the Freie Universität Berlin, the Technische Universität Berlin, the Universität Potsdam, Max Planck and Helmholtz Institutes and other high-ranking research institutions in Berlin and Brandenburg. This collaboration offers top class scientific training leading to the award of a Dr. rer. nat. or Dr.-Ing. degree for students with a Master’s or equivalent degree in biology, biochemistry, bioengineering, veterinary medicine, chemistry, engineering or physics. It is not necessary to hold the Master’s degree at the time of application but it must have been awarded prior to enrolment into the program. Students admitted to the PhD program will be supported by stipends.

The international PhD program of the BSRT comprises a series of courses, seminars and research projects designed to equip students with the essentials to become effective scientists in Regenerative Medicine. Interaction between biological, engineering and clinical research will be fostered through mutual supervision of each PhD project by top class researchers from different disciplines from academia and industry.

The next call for application will start on 1 November 2010. Please use only the online application form provided on our website at www.bsrt.de where you can also find further information about the BSRT and the application procedure.

The BSRT is an Equal Opportunities Graduate school. We particularly encourage applications from women. We also welcome applications from disabled persons and the BSRT operates a policy whereby preference is given to disabled applicants who have qualifications equivalent to those of able bodied persons applying for the same position.

www.bsrt.de

“Bernstein Award” 2011

Young Scientists Research Award in Computational Neuroscience

The German Federal Ministry of Education and Research (BMBF) has established the “National Network for Computational Neuroscience” with six high-performing “Bernstein Centers for Computational Neuroscience” as the major structural elements.

The “Bernstein Award” is equipped with up to 1.25 Mio Euros in the form of a grant over a period of five years. It will be awarded to a highly qualified young researcher, considering the candidates’ verifiable research profile in the field of Computational Neuroscience and the scientific concept for a future young research group. Young researchers can apply for their own position and group. The group funded by the “Bernstein Award” will become an integral part of the National Network for Computational Neuroscience. Future announcements of the “Bernstein-Award” are in the scope of the Ministry’s planning.

The grant is provided for a scientific project of a young research group headed by a postdoc regardless of nationality. The project will be conducted at a German university or research institution – within or outside the Bernstein Centers. It is a prerequisite for funding that the university or research institution concerned employs the young researcher during the funding period and supports him/her with the basic equipment in terms of laboratory space and other infrastructure. A statement made to that effect by the receiving institution must be included with the project outline to be submitted.

Deadline for applications is May 20th, 2011.

For more detailed information about the “Bernstein-Award” including application conditions please visit

http://www.nncn.de
or
Focus on Germany

With the German Government now five years into a major program for investment in scientific research and innovation, we take a look at the new career opportunities that have opened up.

By Julie Clayton

Growing up as a Japanese immigrant in Germany, Jun Okuda saw a very different world in the 1970s and '80s to the one he sees today. “The German system, both East and West, was very closed and they just would not accept foreign people in much.”

Although Okuda had a happy childhood and teenage years, with no experience of discrimination, when it came to developing his scientific career his Ph.D. supervisor told him “you’re Japanese, you may have no chance in the German academic system—it’s too closed. There are very few foreign academic researchers.”

Feeling impatient, Okuda resolved to “forget about Germany” and went to the United States. But by the '90s, it was clear that Germany was changing dramatically and was actively encouraging an influx of foreign researchers. Okuda was in New York when he was offered positions in Marburg and Mainz, and in 2003 he became chair of Organometallic Chemistry at the RWTH Aachen University.

“Politically, increasing diversity has become a goal. Our university has really tried, and has increased the number of foreign faculty significantly in the last couple of years,” says Okuda. This shift in attitude toward foreign scientists reflects not only the emergence of a more outward-looking German society since the reunification in 1990, but also Germany’s desire to raise its ward-looking German society since the emergence of a more out

Another pillar of the new research and development policy is the Excellence Initiative, a major funding package of €1.9 ($2.4) billion over five years. This was intended to shake up the university system and counteract the consistent failure for German universities to rank with the top 50 universities worldwide, despite Germany having Europe’s largest national budget for R&D. Germany had no equivalent of Harvard or Oxford when it came to citations and other scores (see “A Strategy for the Future”, Science, 2007; DOI: 10.1126/science.opms.r0700039 ).

The DFG and the German Council for Science and Humanities selected a total of 85 institutions to receive Excellence Initiative funds during 2006 and 2007. In total, 39 graduate schools (some newly created) received an average of €1 ($1.27) million per year over five years. They promised to improve the education and training of Ph.D. students and move away from the old system of poorly supervised research that could often take six or seven years to complete. Thirty-seven so-called ‘Clusters of Excellence’ received an average of €6.5 ($8.24) million per year for establishing new local research collaborations focused around specific topics and goals. And nine ‘elite’ universities were awarded up to €3.5 ($4.46) million per year for their new ‘Institutional Strategies’. These included a range of improvements in teaching, research output, and competitiveness, as well as recruitment procedures for women and foreign researchers. The winners were the universities of RWTH Aachen, Free University of Berlin, Göttingen, Heidelberg, Karlsruhe, Freiburg, Konstanz, Munich LMU, and the Technical University of Berlin.

With just one year to go to the end of this first five-year phase, its impact is already apparent in many areas, with continued

Politically, increasing diversity has become a goal. Our university has really tried, and has increased the number of foreign faculty significantly in the last couple of years.”

—Jun Okuda

UPCOMING FEATURES

Diversity 2 (online only)—October 1
Top Employers Survey—October 8
Career Development Plan (online only)—December 3

www.sciencecareers.org

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abundant new research collaborations and networks. And according to the DFG, the Excellence Initiative has led to the creation of over 4,000 additional scientific jobs.

BREAKING FREE OF HIERARCHY
RWTH Aachen, for example, hosts three Clusters of Excellence, a graduate school, and has a range of programs around gender, diversity, and interdisciplinary research. Okuda is part of a Cluster of Excellence for the development of new “Tailor-Made Fuels from Biomass.” It means that university researchers can break free of traditional vertical hierarchies to work together with others from different disciplines—engineering, aerodynamics, chemistry, and biotechnology—on a specific topic that is internationally competitive. Other Cluster members are the Fraunhofer Institute for Molecular Biology and Applied Ecology and the Max Planck Institute of Coal Research, Mülheim. “It has been difficult but interesting to work for one project. It has been an experience that was not possible before,” says Okuda.

“The Excellence Initiative as a whole, but especially these Clusters have really made a difference in Germany because people had to think about what they could achieve together,” agrees Katja Sträßer, an independent group leader at the Gene Center of the University of Munich. She participates in the Cluster known as the Center for Integrated Protein Science Munich (CIPSM), which investigates proteins at the level of biological systems, such as folding, transport, and interactions with nucleic acids. Other collaborators are groups from the Technical University of Munich, two Max Planck Institutes (Biochemistry and Neurobiology), and the Helmholtz Association’s German Research Center for Environmental Health.

The Cluster has enabled strategic appointments to be made that boost expertise in particular areas. A major coup was the appointment of German scientist Ulrike Gaul, who, like Okuda, had spent several years in the United States before returning to Germany. An added bonus is the creation of new microscopy and high throughput sequencing facilities for the cluster.

Another outcome of the Excellence funding is a significant increase in the number of junior professorships on offer, permitting early independence and the availability of tenure-track positions. These are “new to the German system,” says Sträßer. But the tendency for young Germans scientists to seek postdocs abroad, particularly in the United States and the United Kingdom, means that it can be difficult to persuade the best local candidates to stay. This raises the prospects for foreign researchers wishing to work in Germany (and returning Germans), although Sträßer emphasizes that nationality is not the issue: “It’s a question of quality of incoming researchers, not their location.”

TAKING FAMILIES INTO ACCOUNT
Sträßer also sees women scientists being taken more into consideration for top positions following concerns about women dropping out of science typically after their postdoc, which coincides with the time most people start a family. Appointment committees at LMU, for example, now continued on p. 1682

FEATURING PARTICIPANTS

CENTER FOR INTEGRATED PROTEIN SCIENCE MUNICH
www.cipsm.de/en/index.html
CHARITÉ MEDICAL SCHOOL IN BERLIN
www.charite.de/en/charite
DFG
www.dfg.de/en/index.jsp
FEDERAL MINISTRY OF EDUCATION AND RESEARCH
www.bmbf.de/en/14575.php
FRAUNHOFER INSTITUTE FOR MOLECULAR BIOLOGY AND APPLIED ECOLOGY
www.ime.fraunhofer.de/EN
FREE UNIVERSITY OF BERLIN
www.hu-berlin.de/en
GERMAN CANCER RESEARCH CENTRE
www.dkfz.de/index.html
GERMAN COUNCIL FOR SCIENCE AND HUMANITIES
www.wissenschaftsrat.de/1/home
HELMHOLTZ ASSOCIATION OF GERMAN RESEARCH CENTRES
www.helmholtz.de/en
THE LEIBNIZ ASSOCIATION
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THE WELLCOME TRUST
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www.uni-freiburg.de/start-en.html?set_language=en
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The Alexander von Humboldt Professorships are Germany’s way of creating a beacon effect and energising its research landscape. Every year, the Alexander von Humboldt Foundation is offering ten of the world’s leading researchers up to five million EUR each to create new or consolidate existing internationally visible research focus areas at German universities.

Academics of all disciplines are eligible for an Alexander von Humboldt Professorship, provided that they are established abroad and recognised internationally as top-class researchers. They will be nominated by German universities – where appropriate in cooperation with non-university research institutions. Each Alexander von Humboldt Professorship will be sponsored for a period of five years on the premise that the university presents a convincing strategy to sustain the position once the funding period has come to an end. Accordingly, universities are asked to submit an implementation plan as part of the funding application. This will allow new, long-term research groups to be established, conducting cutting-edge (international) research. The German Ministry of Education and Research is supporting this programme.

Visit www.humboldt-foundation.de/ahp for more information. Next closing dates for applications: 12 November 2010 and 13 May 2011

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take family commitments into account when they are considering a candidate’s list of publications. Rather than criticizing a woman scientist for too few papers in top journals, committees are now more likely to say “Yes, but she has also had two kids during that time so we should invite her and see what her plan is for the future.” Sträßer herself has three young children. “Women scientists are scrutinized and the more of us there are, the more it becomes normal rather than special—things are moving in the right direction,” notes Blanche Schwappach, a Wellcome Trust Senior Research Fellow at the University of Manchester who is due to take up a full professorship and to become head of the department of Biochemistry I, Medical Faculty, at the University of Göttingen.

The change in attitude towards women scientists has been “really dramatic,” agrees Frauke Melchior, full professor and member of the DKFZ-ZMBH Alliance (a collaboration between the German Cancer Research Center and the Center for Molecular Biology at the University of Heidelberg). She is also involved in Heidelberg’s Cluster of Excellence on Cellular Networks. “I studied chemistry for my diploma and was constantly being told that I wouldn’t get a position as a woman...a woman wouldn’t have leadership capabilities because she wouldn’t be respected.” But with a working mother as a role model, Melchior had the confidence not to give up.

In her experience, women scientists are more likely to face “dual career” challenges, with partners who are also seeking high-level appointments. “The men still very frequently have a partner who has a job that is much more transferable. But if a university tries to recruit a successful female all of a sudden there is this problem that the spouse wants to have at least as good a job.”

To address this issue, the University of Heidelberg and others have set up dual career services with Excellence Initiative funding. These provide advice and information about employment opportunities to encourage the partners of new professors, male or female, and are becoming increasingly popular. “We provide intensive counseling on the individual situation of the partners. We don’t offer positions but we support them in finding a position, or refer them to a network of partners where they can get help,” says Christiane Stümke project manager for Heidelberg’s Dual Career Program, which has helped more than fifty couples in the past two years, around ten of whom have come from abroad.

**PHASE TWO**

Not everyone is happy with the results of the first round. Along with all the excitement, the Excellence Initiative has also attracted criticism for its emphasis on research. “People are worried that this might create a split so that low-profile universities do all the teaching and the high-profile ones are research universities,” says Sträßer.

Looking ahead, universities and other institutions in Germany are now gearing up for a second phase of Excellence Initiative funding, which begins in November 2012. This will increase the Excellence Initiative Funding to €2.7 billion ($3.4 USD) over five years for new projects and renewal of existing projects for graduate schools, Clusters of Excellence, and Institutional Strategies. More broadly, the challenge for the universities will be to sustain the new initiatives supported by the first five year phase. “We have to see how it consolidates,” says Schwappach. “The first round has unleashed a lot of potential but it’s not clear how many initiatives will stay.” Schwappach also points out that certain subject areas, including taxonomy or certain medical specialties such as radiology for children, are at risk of being “swept away” as universities play on their strengths in other areas.

**WIDER OPPORTUNITIES**

In addition to the Excellence Initiative, the German government provides a range of other funding streams including up to twelve years of support for Collaborative Research Centers (CRCs). Each CRC is hosted by a university, but involves collaboration with other institutions around specific research topics and can include institutions in neighboring countries.

One such CRC focuses on Biomechanics and Biology of Musculoskeletal Regeneration and is coordinated by the Charité Medical School in Berlin, and includes the continued on p. 1684 »

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Comprehensive Heart Failure Centre (CHFC) “Prevention of Heart Failure and its Complications”

The Comprehensive Heart Failure Centre (CHFC) is a central facility of both the University of Würzburg and the University Hospital commissioned to provide structures and expertise for multidisciplinary research, prevention and care of patients with heart failure and its complications. The Federal Ministry of Education and Research (BMBF) has announced funding from 11/2010. Research of the CHFC is organized in Project Areas centered around the following research themes:

- Project Area A: Advancement of diagnosis and management
- Project Area B: Healing, remodeling, protection
- Project Area C: Rare heart diseases and genetic principles
- Project Area D: Endocrine system and metabolism
- Project Area E: Cardio-renal cross talk
- Project Area F: Heart failure: emotion, cognition, cerebral dysfunction
- Project Area G: Advanced/end stage heart failure, tissue engineering and regenerative medicine
- Project Area H: Cardiovascular Imaging

From the time of funding the CHFC plans to establish
1. Clinical research positions
2. Junior Research Groups

SENIOR CLINICIAN SCIENTIST

A Clinical Research Centre comprising the CHFC Clinical Trial Unit, the CHFC Outpatient Department and the CHFC Centre for Biometry, Statistics and Study Coordination (CBSS) will be implemented to enhance top level translational, clinical and health care research. From the time of funding the CHFC plans to establish the position of a Senior Clinician Scientist.

Your Profile
- Accredited internist, comprehensive training in cardiology
- Scientific interest in the field of heart failure
- Adequate publication record and acquisition of 3r d party funding
- Profound experience in the design, conduct and analysis of patient-oriented research projects
- Mentoring ability and experience
- Ability and pleasure to work in a multidisciplinary team
- Identification with the goals of the CHFC

Your Task Area
- Coordination of the Clinical Trial Unit and CHFC Outpatient Department
- Supervision & quality control in the CHFC non-invasive diagnostic unit
- Close cooperation with the CBSS
- Design and implementation of new patient-oriented studies including RCTs according to GCP in collaboration with the CBSS
- Supervision of the clinical study team
- Resource allocation within the Clinical Trial Unit

Your Opportunities
- Multifaceted and responsible activity
- Function of a senior physician (‘Funktionsoberarzt’)
- Protected research time and development of own clinical projects
- Participation in the structured CHFC career development program (including State doctorate, if applicable)

CLINICAL TRAINING AND RESEARCH POSITIONS

In conjunction with the University Hospital the CHFC offers clinical resident and fellow positions for physicians. Positions may be shared by two applicants allowing for 50% protected research time and 50% clinical work to simultaneously enhance the development of both research and clinical skills. Physicians interested in both basic and clinical science may apply. The curriculum comprises excellent structured clinical training in cardiology and internal medicine covering all subspecialties; interdisciplinary clinical rotations are routinely performed to facilitate board exams in the expected time frame. It belongs to the goals of the CHFC to provide attractive career development and tenure track positions for excellent junior physician scientists. Salary will be according to TV-A.

JUNIOR RESEARCH GROUPS

Applications of young enthusiastic scientists of outstanding qualification in the field of cardiovascular research are invited. Support is granted to conduct independent research for a period of 5 years and includes:
- A position for the principal investigator
- Positions for one postdoctoral scientist, one PhD student and one technician
- Consumables and Equipment

Adequate space/laboratory facilities will be available. The research focus of the junior research groups is not restricted but should complement the general objective of the CHFC and its Project Areas as described above. The CHFC career development plan offers tenure track positions for successful junior research group leaders. Selection for this position will be based on scientific qualification and publication records.

It belongs to the goals of the CHFC to increase the proportion of female scientists. Therefore, their applications are especially encouraged. Applications from severely handicapped persons with basically similar qualification will be given priority.

For more information please contact
- C. Angermann (clinical research, angermann_c@medizin.uni-wuerzburg.de)
- S. Frantz (basic and translational research; frantz_s@medizin.uni-wuerzburg.de)
- S. Störk (clinical epidemiology; stork_s@medizin.uni-wuerzburg.de)

Applicants should send via e-mail a comprehensive CV, a summary of scientific achievements, activities and interests, and mentoring and teaching experience, a list of publications and the usual credentials including the names and addresses of 2 academic referees. Applicants for a Junior Research Group should add a short outline (12 pages) of their planned research activities.

Please send all documents embedded into one pdf-file or zip-file to the following address by October 15th, 2010:

Prof. Dr. G. Ertl • CHFC • Oberduerrbacher Str. 6 • D-97080 Würzburg • Germany
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CRCs also enable universities to “hire more professors around a specific research topic in a more sustained way.”
—Peter Fratzl

Julius Wolff Institute and the Department of Biomaterials at the Max Planck Institute of Colloids and Interfaces in nearby Potsdam. “The right people happened to be in the Berlin area,” says Peter Fratzl, director-professor at the Institute.

The project, which includes funding for 12 research groups, pits together the skills and expertise of scientists across a range of disciplines: including biomechanics, surgery, genetics, and molecular biology.

In addition to emphasizing interdisciplinary research, CRCs also enable universities to “hire more professors around a specific research topic in a more sustained way,” according to Fratzl. The result, he says, is “increased competence in that area.”

Fratzl, who is Austrian, is aiming to recruit more foreign scientists with the offer of competitive research funding and a better working environment. He has already hired an Australian junior group leader in biomechanics, John Dunlop, for his department. After a Ph.D. in Grenoble, Dunlop was attracted to the MPI four years ago by the interdisciplinary work environment, as well as Berlin’s culture and affordable living. “For me this is incredible,” he says.

Matthew Harrington, a postdoc originally from the University of California at Santa Barbara, agrees. “The Berlin-Potsdam area is a very easy place to work in.” He is a junior group leader (the equivalent of an assistant professor in the United States), and has not experienced any language barrier: “You have to force people to talk with you in German because in the lab everyone speaks English.”

The German Federal Government and state governments (or Länder) also fund a Joint Initiative for Research and Innovation for the publicly funded non-university institutions, such as the Helmholtz Association, the Fraunhofer Society, the Max-Planck Society, and the Leibniz Association. They are now promised an increase of three to five percent to annual budgets every year from 2011 to 2015, plus additional funds for new programs that increase networking, international cooperation and recruitment, and partnerships between science and industry.

The Fraunhofer Society has already launched one new initiative, “Fraunhofer Attract”; which has brought in 24 new young group leaders to build and run a group over five years, with a focus towards industrial product development. Of these, twelve came from abroad and five were women, which is an above-average recruitment of female scientists according to program director Raoul Klingler.

Similarly, the Helmholtz Association, which employs around 30,000 scientists in sixteen centers across Germany, has appointed 116 new “Young Investigators” (since 2006) to set up research groups, spending a total of €688 ($86.2) million. Approximately half of the group leaders have come from abroad and around forty percent were women (from an average of twenty to thirty percent of female applicants), according to press officer Antonia Rötger. The Helmholtz centers are geared towards strategic goals such as renewable energy, and are now increasing their networking with universities. The Association also has a new mentoring program for women researchers and management skills training that is open to researchers from other organizations.

**TRAINING BEYOND BORDERS**

In 2008 came Germany’s new “Strategy for Internationalization of Science, Research, and Development” which aimed to promote cooperation beyond Germany’s borders. One component is the DFG’s International Research Training Programs, which is enabling Okuda at RWTH Aachen to bring young Japanese researchers, from the University of Osaka, to conduct research and participate in conferences and workshops. “We educate young researchers toward being more global scientists and managers. I think such experience in a completely different cultural setting is quite important. They have quite a culture shock, but they’re young and adaptive, and learn very quickly how European society works,” notes Okuda. In return, German researchers spend up to six months in Japan.

Meanwhile, the German Academic Exchange Service, DAAD, has €15 ($19) million to spend between 2010 and 2013 on the “International Doctoral Studies in Germany” program. This aims to make German universities more attractive to foreign students and to encourage German students to study abroad. Firstly, it funds the creation of structured Ph.D. programs more akin to U.S. graduate schools—but with less course work. Graduate students receive language classes and mentoring, and can complete their Ph.D.s within three years. Secondly, it funds bilateral cooperation between departments of universities in different countries. By the closing date, there were 86 applications for the two programs, with around thirty-five of these likely to be awarded, according to Christian Schäfer, the director. The initiative also serves as a boost to the universities that did not receive Excellence Initiative funding. “These incentives ensure that new developments cover the whole of Germany, so that these are not limited to the very big and rich institutions,” he says.

With all the push towards internationalization, Okuda is convinced that prospects in Germany are “getting much better now” for foreign scientists wishing to take up senior positions. Nonetheless, the future is hard to predict. “Germany is in real turbulent times. I wouldn’t dare to predict what it’s going to be like in five years time.”

Julie Clayton, a freelance science writer and journalist, works out of Bristol, UK.

DOI: 10.1126/science.opms.r1000095

Note: A response to the Focus on Spain feature, published 11 June, 2010, has been posted online. View it at dx.doi.org/10.1126/science.opms.r1000090.
Biologists, corporate lawyers, mathematicians, and agrarian scientists. And, of course, chemists, engineers and business people. You will find them all at BASF, the world’s leading chemical company. Surprised by such diversity? When all these professions complement one another as a matter of course, it’s because at BASF, we create chemistry.

www.basf.com/career

Research fellows will receive an attractive salary according to the German “Tarifvertrag der Länder (TV-L)” (typically TV-L grade E 14). Applicants may apply for an additional start-up funding up to the amount of € 25,000 as well as for material and travel expenses of up to € 10,000 per year. In the first two years after the completion of their research fellowship, the fellows may be granted up to € 5,000 for continuing cooperation with LMU Munich. The fellowships are initially tenable for two years. They may be extended for a further two years on the basis of a positive academic evaluation.

Ludwig-Maximilians-Universität Munich is one of the leading research universities in Europe, with a more than 500-year-long tradition. It places particular emphasis on promoting young academics. As part of the “LMU Academic Career Program”, LMU Munich will therefore award

10 Research Fellowships.

Applications are welcome from all candidates who have completed their doctoral studies within the last three years with outstanding results. Applicants must present an independent research project as part of their application. The project must be supported by a professor of LMU Munich. The fellows will become members of the Young Center of the Center for Advanced Studies and be able to make use of its services.

Endowment
Research fellows will receive an attractive salary according to the German “Tarifvertrag der Länder (TV-L)” (typically TV-L grade E 14). Applicants may apply for an additional start-up funding up to the amount of € 25,000 as well as for material and travel expenses of up to € 10,000 per year. In the first two years after the completion of their research fellowship, the fellows may be granted up to € 5,000 for continuing cooperation with LMU Munich. The fellowships are initially tenable for two years. They may be extended for a further two years on the basis of a positive academic evaluation.

Ludwig-Maximilians-Universität München is an equal opportunity employer committed to excellence through diversity and therefore explicitly encourages women to apply.

Closing date for applications is 15 November 2010.
The prospective starting date of the fellowships is 1 June 2011.

For all information regarding your application please consult:
www.lmu.de/excellent/research-fellowships
Max Planck Institute for Biology of Ageing

The Max Planck Institute for Biology of Ageing invites applications for a

**Junior Group Leader in Biology of Ageing (W2)**

We are seeking a highly talented, dynamic, independent, and motivated young biologist, who wishes to establish an independent Max Planck Research Group at our Max Planck Institute in Cologne. Successful candidates are free to develop their own, entirely independent, research programme using their own budget, which is of an amount that will fund research positions, consumables, equipment and travel grants. The position is open for five years with an option to extend it, to a maximum of 9 years. Further details can be found under http://www.mpg.de

The successful candidate will have an excellent scientific track record in a relevant research area, with clear evidence of independent research leadership, and a research interest in some aspect of the biology of ageing. The environment of the institute is international and the working language is English, so high proficiency in spoken and written English is essential.

The position is available immediately but the starting date is negotiable.

The new Max Planck Institute for Biology of Ageing was founded in 2008. It is part of a wider, and unique, network of several research institutions in the Cologne-Bonn area focused on research on ageing and ageing-related disease, constituting an expert and collaborative environment for research. Well equipped with state-of-the-art technology and excellent core facilities, the institute provides outstanding research opportunities for promising young scientists.

Currently hosted in a new research institute building of the University of Cologne, the MPI will move into its own new, purpose-designed building in 2012.

The world feels at home in Cologne, Germany’s oldest city, with more than 2000 years of history. The city owns innumerable cultural and historical treasures, world-famous museums and an active art scene. Life in Cologne is uncomplicated and vivacious. Due to Cologne’s proximity to the German/Belgian/Dutch border, Paris, Amsterdam and Brussels a couple of hours hours away.

To apply for this position, please send a single pdf file including: (1) a cover letter explaining why you would like to join our Institute, (2) your Curriculum Vitae including your publication list, (3) a statement of scientific achievements, (4) a two page summary of your future research plans and (5) contact details for 3 academic references who are willing to write a reference letter on your behalf, and (6) up to three of your most important papers to the following email address: personal@age.mpg.de

Informal inquiries are welcome and should be sent to the same e-mail address. For further information see (http://www.age.mpg.de).

Max-Planck-Institut für Biologie des Alterns
Kennziffer 12/2010
Gleueler Str. 50a, 50931 Köln

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**UNIVERSITY OF KONSTANZ**

The University of Konstanz is one of the nine Universities of Excellence in the Federal Republic of Germany.

An opening for a

**Post-Doc Position in Molecular Evolution, Genomics and Bioinformatics**

(Salary Scale 13 TV-L/100 %)

is available immediately in the GeCKo – the Genomics Center of the University of Konstanz – http://cms.uni-konstanz.de/en/genomics-center/.

Candidates should have a strong background in bioinformatics and/or molecular evolutionary biology and should be experienced in molecular biology techniques and/or computational biology.

For further information please visit our homepage: http://www.uni-konstanz.de/stellen.

Applications to position 2010/146 should be send as one pdf file to axel.meyer@uni-konstanz.de and include a CV, statement of research interests and email addresses of two references. Review of applications will commence on October 15th, 2010. Starting date is flexible.
Graduate Program in Computational Engineering Science
The Aachen Institute for Advanced Study in Computational Engineering Science (AICES) is a graduate school established within the frame of the German Excellence Initiative. AICES focuses on computational engineering science including such diverse fields as modeling and simulation; optimization; inverse problems and high-performance computing. There is a limited number of openings in the AICES graduate program for exceptionally qualified students who hold a bachelor’s or master’s degree in engineering, natural science, mathematics, or computer science. AICES offers a five-year path to the doctorate for students with bachelor’s degrees, or a three-year path with master’s degree, due to a novel advising and training concept. Admitted candidates receive tax-free stipends of 2000 € per month for the doctoral phase and 500 € per month for the master’s phase.

Graduate School AICES
RWTH Aachen University
Germany
www.aises.rwth-aachen.de
www.aises.rwth-aachen.de/admission

International PhD Programme
The European Molecular Biology Laboratory will award predoctoral fellowships in 2011 to university graduates wishing to study for a PhD at the EMBL in Heidelberg (Germany), at the EMBL research units in Hinxton (near Cambridge, UK), Hamburg (Germany), Grenoble (France) and Monterotondo (near Rome, Italy). Areas of study include:

- Cell Biology & Biophysics
- Developmental Biology
- Genome Biology
- Structural & Computational Biology
- Bioinformatics
- Mouse Biology

PhD work at EMBL is challenging, intensive and intellectually demanding. We welcome applications from highly qualified students of all nationalities in the biological sciences, physics, chemistry, medicine, informatics, mathematics or engineering. Applicants must hold, or anticipate receiving before enrolment, a university degree that would formally qualify them to enter a PhD or equivalent programme in the country where the degree was initially obtained. All applications are evaluated solely on the basis of qualification and scientific potential.

The deadline for completion of the online application is December 13, 2010; registration deadline is December 1, 2010. Successful candidates are awarded fellowships in early March 2011 to start work at EMBL any time after the interviews and by latest October 2011. The duration of a fellowship is 3 1/2 years. Following completion of their PhD thesis, students have the opportunity to obtain joint PhD degrees between EMBL and one of its partner universities in Europe. Alternatively, students can opt to defend their thesis at a recognised university of their choice.

A brochure is also available on request from the Dean of Graduate Studies, Dr. Helke Hillebrand, EMBL, Postfach 10 22 09, D-69012 Heidelberg, Germany (Tel: +49 6211 387 8612, Fax: +49 6211 387 8400, e-mail: predocs@embl.de).

All applications have to be made online at:
www.embl.org/phdprogramme

The Faculty of Physics of the Ludwig-Maximilians-Universität München (LMU) invites applications for the position of a

Full Professorship (W3) for Experimental Physics – Medical Physics.

The successful candidate will have to represent the entire field of Experimental Physics in research and teaching at the university.

He/she is expected to have demonstrated excellence in research and scholarship in one or more areas of medical physics, preferably in the physics and/or technology of either biomedical imaging or radiotherapy. The faculty is searching broadly, and outstanding candidates working in any branch of medical physics will be given serious consideration.

The professorship is embedded in the cluster of excellence Munich Centre for Advanced Photonics (MAP, www.munich-photonics.de) and the Centre for Advanced Laser Applications (CALA), which is under construction. MAP pursues a highly integrated research program by interlinking physics and life sciences to advance cutting-edge laser technologies and their medical applications. CALA will provide a world-leading infrastructure of laser-based brilliant X-ray sources for early detection of cancer and degenerative diseases and particle sources for cancer therapy. The opening for the new chair emerges in this environment from the vision of bridging physics and medical sciences in research and teaching.

The successful candidate is expected to develop an interdisciplinary research program connecting state-of-the-art physical technologies with medical applications in collaboration with groups active in MAP and CALA and to take an active role in establishing a graduate program in medical physics.

Prerequisites for this position are a university degree, a doctoral degree, teaching skills at university level and a post-doctoral degree (Habilitation) or equivalent qualification that may have been gained outside the university or may consist in a junior professorship.

Candidates for this position should be aged 52 or under at the time of appointment. Exceptions thereto may be considered in the case of outstanding candidates.

The LMU is an equal opportunity employer and aims to increase the number of female faculty members. Therefore, applications from female candidates are explicitly encouraged.

Disabled candidates with essentially equal qualifications will be given preference.

The LMU supports dual career couples.

Applications including a curriculum vitae, academic records, a list of publications and invited lectures, a summary of planned research activities should reach the Dekanat der Fakultät für Physik der Ludwig-Maximilians-Universität, München, Schellingstr. 4, 80799 München, Germany, by November 30, 2010.
W2 and W3 research professorships
“Comprehensive Heart Failure Center Würzburg” - Deadline: 22 October 2010

The Comprehensive Heart Failure Center of the University Hospital Würzburg aims to install four research professorships for 5 years starting 1 November, 2010. The research professorships will be appointed in the context of creating the BMBF-supported Integrated Center for Research and Treatment (IFB) with its theme “Prevention of Heart Failure and its Complications”.

1.) W3 (Full) Professorship “Molecular and Cellular Imaging”

The applicant is expected to implement a chair for experimental cardiovascular imaging. The department should integrate imaging for experimental and clinical heart failure research with different methods (MRT, CT, PET/SPECT, microscopy). The applicant is supposed to be a doctor of medicine, chemistry, or physicist. The applicant should have an excellent publication track and have raised significant amounts of external funds in cardiovascular imaging. A research focus on heart failure in the IFB is mandatory.

2.) W2 Research Professorship “Translational Research”

Applicants are expected to represent heart failure in research, teaching and patient care. The applicant should be a clinician trained in cardiology with extensive experience in the conduct of clinical studies in heart failure and should have raised significant amounts of external funds in clinical heart failure research. The applicant should identify her-himself with the principles of the IFB.

3.) W2 Research Professorship “Epidemiology of Heart Failure”

Applicants are expected to represent clinical epidemiology of heart failure in research and teaching. The applicant should be a clinician trained in cardiology and clinical epidemiology. Cooperation with the chair of epidemiology and biometry is expected as are teaching activities for the new MD/PhD tracks “Clinical Research”. The applicant should have extensive experience in the conduct of clinical studies in heart failure and should be familiar with modern biomaterial banking concepts. The applicant should have an excellent publication track and have raised significant amounts of external funds in clinical heart failure research.

4.) W2 Research Professorship “Cardiovascular Genetics”

Applicants are expected to set up cardiovascular genetics in the IFB. The applicant should have experience in complex and in mono-genetic diseases with its respective methodology (genome wide association studies, copy number variation, sequencing). It is expected that the applicant has extensive experience in cardiovascular genetics, a broad publication and substantial external funding record. A research focus on heart failure is mandatory, as is the implementation of the interdisciplinary Core Facility Genetics in accordance with participating partners (Institute of Clinical Biochemistry and Pathobiotechnology, Psychiatry, Human Genetics).

All applicants have to fully identify themselves with the underlying research theme “Prevention of Heart Failure and its Complications”. Requirements include: a university degree, a thesis (”Promotion”), “Habilitation” or an equivalent level of scientific qualification and academic teaching ability. Würzburg University is committed to increase the number of women employed in academic research. We therefore particularly encourage female candidates to apply. Applications from disabled people of equal aptitude will be favoured. Applications from exceptional scientists referring to the above mentioned positions including full CV, publication list and documentation of teaching experience should be sent no later than 22 October, 2010 to: the Dean of the Medical Faculty of the University of Würzburg, Professor Dr. M. Frosch, Josef-Schneider-Strasse 2, D-97080 Würzburg. The legally binding German version of this announcement is published in “Deutsches Arzteblatt” on 1 October, 2010.

Bioengineering Faculty

The George Mason University, Volgenau School of Engineering is seeking faculty members, especially at the Assistant and Associate Professor levels, to continue building a new program in bioengineering that now offers a B.S. degree. Each successful applicant will receive a tenure-track appointment in one of the Volgenau School departments (http://ite.gmu.edu/), and will be expected to shape bioengineering through both research and teaching. George Mason University is an innovative, entrepreneurial institution with four campuses in the greater Washington, D.C. area. Potential interactions with government agencies and medical institutions abound.

Candidates must have earned a doctorate in bioengineering, biomedical engineering, or a closely related field. Preference will be given to applicants with a strong potential for interaction with current faculty members, especially in integrating measurement and computational approaches. Neuroengineering, bioimaging, rehabilitation engineering, biosensors and computational bioengineering are of special interest.

Applicants should submit a cover letter with contact information for at least three references, a CV, and a statement of research and teaching interests for position F9404z at http://jobs.gmu.edu/. Review of applications will begin immediately, and continue until the positions are filled.
The BC Cancer Agency (BCCA) is seeking a research leader of international profile with a record of scientific excellence to lead the world-class research activities of the BC Cancer Agency, as the Vice President Research. The BC Cancer Agency is affiliated with UBC and co-hosts the development and conduct of academic oncology in BC. The position entails responsibility for visionary, strategic leadership and overall direction, coordination and oversight of cancer research at the BC Cancer Agency. The BC Cancer Agency is a provincial organization with a provincial mandate for cancer control and undertakes world-class research in many disciplines, utilizing many technologies within laboratory-based and translational research, clinical trials and population oncology.

The appointee will also serve as Associate Dean, Research within the Faculty of Medicine at the University of British Columbia (UBC). In this endeavor, this individual will work with the Executive Associate Dean, Research, and Associate Deans, Research of the lower mainland Health Authority Research Institutes (Vancouver Coastal Health Research Institute, Child and Family Research Institute and Providence Health Care Research Institute) for both defining and facilitating the health research strategy for the Faculty of Medicine (FoM), province wide.

Vice President Research – BC Cancer Agency
Assistant Dean, Research – University of British Columbia
Regular Full-time  Vancouver, British Columbia

The Vice President Research has dual responsibility. The incumbent will report jointly to the President BC Cancer Agency and, within the Faculty of Medicine, this individual will report to the Executive Associate Dean, Research and through this position, is accountable to the Dean of the Faculty of Medicine.

The ideal candidate will have education and experience equivalent to a PhD and/or MD in a relevant discipline as well as bring strong administrative and interpersonal skills to the position. Key attributes of the successful applicant will include scientific excellence, innovation, collaborative relationships with local, national and international partners, promotion of ‘team research’ and the ability to lead a strategically focused program of excellence in scientific discovery and translational research. The individual will have a track record of significant research achievement, demonstrated excellence in teaching, and be eligible to hold a clinical faculty appointment or a full-time appointment at the rank of Professor in the UBC Faculty of Medicine. An appropriate academic department in the Faculty of Medicine will be identified at the time a successful candidate is selected. Salary will be commensurate with experience and qualifications. The expected start date for the position is January 3, 2010 or upon a date to be mutually agreed. The term would be for 5 years initially.

Application letters, accompanied by a detailed curriculum vitae, a teaching dossier, and names of three references should be submitted to: Carol Jeffs, Recruitment Advisor, #600 – 1441 Creekside Dr, Vancouver, BC V6G 4S7 cjefs@phsa.ca • 1-604-875-7235 (P) • 1-604-875-7233 (F). For more information, please contact Dr. David Levy, President, BC Cancer Agency at 604.675.8100 or dlevy@bccancer.bc.ca

Applications will be accepted until October 12, 2010.

For more information about the Agency that you are interested in, please visit the website at: www.bccancer.bc.ca

For more information on all that the PHSA has to offer, please visit: http://careers.phsa.ca

The BC Cancer Agency is committed to reducing the incidence of cancer, reducing the mortality from cancer, and improving the quality of life of those living with cancer. It provides a comprehensive cancer control program for the people of British Columbia by working with community partners to deliver a range of cancer services, including prevention, early detection, diagnosis and treatment, research, education, supportive care, rehabilitation and palliative care. It operates five regional cancer centres in Surrey, Kelowna, Vancouver, Vancouver Island, and Abbotsford, with a sixth centre scheduled to open in Prince George in 2012. The BC Cancer Agency’s Research Centre conducts research into the causes and cures for cancer.

BCCA is an agency of the Provincial Health Services Authority (PHSA) which plans, manages and evaluates centrally and province-wide health care services across BC. PHSA embodies values that reflect a commitment to excellence. These include: Patients first • Best value • Results matter • Improvements through knowledge • Open to possibilities.

BC Cancer Agency and UBC hire on the basis of merit and are committed to employment equity. All qualified persons are encouraged to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. However, Canadian and permanent residents of Canada will be given priority.

www.phsa.ca  www.bccancer.bc.ca
The University of Arizona is an AA/EOE /M/W/D/V Employer.
Chair, Department of Biology

The University of North Carolina at Charlotte, ranked by “US News & World Report” in the top ten “Up and Coming Schools” among National Universities, invites applications and nominations for the Chair of the Department of Biology (http://biology.uncc.edu). The chair is expected to play a significant role in facilitating the Department’s contribution to the University goal of becoming a leading research university, while maintaining the primary commitment of providing educational opportunities for qualified students of diverse backgrounds through informed and effective teaching.

Qualifications: This tenured position is open to applicants with credentials and experience appropriate for a full professor. Candidates must possess: (1) a doctoral degree in the biological sciences; (2) excellent leadership and interpersonal skills; (3) demonstrated ability to work across disciplines and lead a rapidly growing, diverse department dedicated to teaching and research excellence; (4) a distinguished record of teaching, scholarly achievement, and externally funded research; and (5) the ability to foster the development and implementation of a comprehensive plan that articulates an exciting, dynamic, and strategic vision for the Department’s future. Previous administrative experience is highly desirable.

Responsibilities: The selected candidate will have the ability to: (1) work with faculty and students from multiple disciplines; (2) attract and retain top-tier faculty and promote professional development; (3) guide existing degree programs at both the undergraduate and graduate levels; (4) advance the Department’s and University’s commitment to research in the biological sciences, teaching excellence, and community-based scholarship and outreach; and (5) support and promote diversity among students and colleagues. The preferred starting date is July 1, 2011.

The Department: The Department has 30 full-time and 4 research faculty members from a variety of disciplinary backgrounds, 7 staff members, and a student population of over 1000 undergraduates, over 30 Master’s students, and approximately 30 doctoral students. Our mission is to create, extend and disseminate basic and applied knowledge of the biological sciences through scholarly research, teaching, and service. To this end, the Department has developed strong collaborative interactions with the Bioinformatics, Nanoscale Science, Infrastructure and Environmental Systems, and Engineering PhD programs within the University, as well as with the Carolinas Medical Center, the Duke University Comprehensive Cancer Center, and with several marine laboratories, including the UNC Wilmington Center for Marine Science Research, the NC State Center for Marine Sciences and Technologies, and the UNC Institute of Marine Sciences. The Department and College are strongly committed to interdisciplinary research and teaching, supporting a range of interdisciplinary programs from minors to doctoral programs.

The University: UNC Charlotte, the only doctoral research university in the Charlotte metropolitan area and the fourth largest of 17 institutions in the University of North Carolina system, is a dynamic research institution with approximately 900 full-time faculty and offers 18 doctoral programs, 62 master’s degree programs and 90 programs leading to bachelor’s degrees. Fall 2010 enrollment exceeds 25,000 students, including almost 5,200 graduate students, and is expected to grow to 35,000 by 2020.

Applications and Nominations

Candidates must apply online at http://jobs.uncc.edu, position number: 6139. Please include a letter that clearly describes your leadership vision and includes philosophy statements for leadership, research, and teaching, a current and complete vita, contact information for three references; and three representative publications. Screening of applications will begin October 4, 2010, and continue until the position is filled.

For more information, confidential inquiries, or nominations, please contact either Search Chair Dr. Robert G. Wilhelm, (704-687-8428, rgwilhel@uncc.edu) or George Rent of Rent Consulting Group (704-366-2388, grrent@rentconsultinggroup.com), the search firm assisting with the search.

The University of North Carolina at Charlotte is an EOE/AA employer and an ADVANCE Institution that strives to create an academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.
online @sciencecareers.org

The University of Texas at Austin

Cancer Molecular Biology Position
The Institute for Cellular and Molecular Biology

The Institute for Cellular and Molecular Biology, Alan Lambowitz, Director, invites applications for a tenure-track/tenured position in cancer molecular biology. Academic appointments at the level of Assistant, Associate, or Full Professor will be in the section of Molecular Genetics and Microbiology in the College of Natural Sciences. Candidates should have an outstanding record of research productivity and a research plan that utilizes molecular and biochemical approaches to address important problems in cancer biology. Areas of particular interest include but are not limited to DNA damage responses, genome instability, post-translational regulatory mechanisms, chromatin, and small regulatory RNAs.

Building on a strong existing faculty, the Institute has recruited more than 50 new faculty members over the past ten years. In addition to its highly interactive and interdisciplinary research environment, the Institute provides administrative and financial support for the Graduate Programs in Cell and Molecular Biology, Microbiology, and Biochemistry, and state-of-the-art core facilities including DNA sequencing, mass spectrometry, electron and confocal microscopy, DNA microarrays, robotics, mouse genetic engineering and Next-Gen sequencing. An MD-PhD program with the UT Medical Branch and the new Dell Pediatrics Research Institute enhance the environment for basic Biomedical Research.

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

Please send a single PDF file containing your curriculum vitae, summary of research interests and names of three references before November 1, 2010 to: mgm_search@biosci.utexas.edu. References may also send their letters directly to the same email address.

Homepage: http://www.icmb.utexas.edu http://www.biosci.utexas.edu/MCM

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

STANFORD UNIVERSITY
DEPARTMENT OF CHEMICAL AND SYSTEMS BIOLOGY

The Department of Chemical and Systems Biology at Stanford University School of Medicine invites applications for two tenure-track positions at the ASSISTANT PROFESSOR level. We are particularly interested in candidates with a strong interdisciplinary record in the broad areas of chemical biology, systems biology, and/or cellular and molecular biology in normal and disease states. Stanford offers an outstanding environment for creative interdisciplinary biomedical research. The main criterion for appointment in the University Tenure Line is excellence in research and teaching.

Candidates should have a Ph.D. and/or M.D. degree and postdoctoral research experience. Candidates should send curriculum vitae, a description of future research plans and the names and addresses of three potential referees by November 1, 2010 to:

James Ferrell, Professor and Chair
c/o Jean Kavanagh, FAA
Department of Chemical and Systems Biology
269 Campus Drive, CCSR Bldg Room 4145A
Stanford University School of Medicine
Stanford CA 94305-5174

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

The University of Colorado at Boulder is seeking applications and nominations for the Cech-Leinwand Endowed Chair in Biochemistry. The scientist will hold the rank of Professor in the Department of Chemistry and Biochemistry. It is expected that the successful candidate will be an internationally recognized, outstanding scientist with a track record of well-funded research, broadly cited publications and will have a demonstrated success in teaching, graduate training, and service to the academic community.

The successful candidate will be housed in a new building designed specifically to foster collaborative research in the field of biotechnology and provide an interdisciplinary environment for faculty and students. The research space will be shared with world-class scientists conducting multidisciplinary research in systems biology, biochemistry, bioorganic chemistry, computational biology, and biomedical engineering. It is expected that the successful candidate will conduct collaborative research with colleagues in order to solve complex biomedical problems, requiring the expertise from several disciplines. Applications and nominations are accepted via e-mail to diane.hager@colorado.edu. Applications must include a cover letter, a statement of current and future research interests, a curriculum vitae including previous and current funding, and each candidate should ask at least three qualified scientists to send letters of recommendation supporting the application. Review of applications will begin on December 16, 2010. Applications received before this date will be guaranteed full evaluation.

NYU is an Equal Opportunity/Affirmative Action Employer.

The University of Colorado
Endowed Chair Professorship in Biochemistry

The University of Colorado at Boulder is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

New York University

ASSISTANT PROFESSOR OF MOLECULAR AND CELLULAR BIOLOGY

Department of Biology
Arts and Science

As part of a multi-year hiring plan, New York University’s Department of Biology (http://biology.as.nyu.edu/) invites applications for a tenure-track Assistant Professor in the area of molecular and cellular biology to begin September 1, 2011, or as negotiated, pending budgetary and administrative approval. Candidates investigating molecular & cellular mechanisms underlying cell growth, differentiation and/or transformation are especially encouraged to apply. Strong interactions will exist with faculty in the Center for Genomics and Systems Biology and the Center for Developmental Genetics. These Centers within the Department of Biology offer an outstanding and collegial research environment.

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 candidate will specifically be expected to teach in the Department’s core undergraduate course “Molecular and Cellular Biology”.

Please apply online at the New York University Department of Biology website (http://biology.as.nyu.edu), via the “Faculty Recruitment” link. Be sure to include a cover letter, research statement, curriculum vitae, and three letters of reference by November 16, 2010. Applications received before this date will be guaranteed full evaluation.

NYU is an Equal Opportunity/Affirmative Action Employer.
**School of Ocean and Earth Science**

The School of Ocean and Earth Science forms the University component of activity at the National Oceanography Centre, Southampton. The Centre represents an unparalleled investment in marine and Earth science and technology in the UK. It opened in 1995 in a purpose-built waterfront campus in a collaboration between the University of Southampton and the Natural Environment Research Council (NERC). The Centre houses around 500 staff. The School of Ocean and Earth Science comprises about 120 staff, 500 undergraduate and 200 postgraduate students. The School forms part of the new Faculty of Natural and Environmental Sciences, along with the Schools of Chemistry and Biological Sciences.

We have a diverse range of excellent laboratory and seagoing facilities. The Centre provides a unique intellectual environment for conducting world-class research and for training the next generation of scientists for a wide range of careers. The School is in an exciting phase of recruitment in which we plan to make multiple academic appointments over the next few years. We are therefore interested to receive expressions of interest from high-quality individuals in all areas of Ocean and Earth science in addition to the areas specified below. Chair (full professor) candidates should be established international leaders. We will also consider appointments at Readership (associate professor) level. At Lecturer level (equivalent to tenure-track assistant professor), we are interested in recruiting early-career individuals with growing international reputations for research excellence and with the ambition to become international leaders in their fields.

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**Chair in Organic Geochemistry**

From £58,092 pa | Ref: 4816-10-F

We seek an international leader in the field of organic geochemistry to complement our strong existing research groups in palaeoceanography, geochemistry and ocean biogeochemistry. Areas of interest include proxies for palaeoclimate reconstruction, sedimentary and water column organic geochemistry and/or the preservation and transformation of organic matter (including petroleum systems). Within the Centre, we have recently been awarded funding to renew and expand analytical facilities (including IT-ICP-MS, GC-IR-MS, HR-ICP-MS, MC-ICP-MS, CHN and TOC-TDN instruments). Further facilities are available in the School of Chemistry. Excellent opportunities exist for collaboration with local NERC colleagues and with other Schools and Research Centres (such as Centre for Proteomic Research) in the University. You will be expected to contribute to research-led education in appropriate areas of earth and/or ocean science.

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**Chair in Physical Oceanography/Ocean Remote Sensing**

From £58,092 pa | Ref: 4812-10-F

We invite applications from individuals studying all areas of physical oceanography, ocean remote sensing and the role of the oceans in climate, including both model-based and observational studies and ranging from the coastal zone to the deep ocean. The Centre enjoys a rich heritage in physical oceanography, bringing together around 60 - 70 staff and research students. Ongoing research encompasses major projects to study and monitor the Atlantic meridional overturning circulation, from the Southern Ocean to the Arctic, and investigating the impact of the oceans on climate. We identify potential areas of research and plan the Centre’s research programmes to ensure continuity and progress in the research fields of the Centre.

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**Chair in Marine Biology**

From £58,092 pa | Ref: 4817-10-F

We seek a marine biologist with a proven record of world-leading research to join a dynamic group of biologists working in areas spanning marine ecology, molecular biology and marine biotechnology. The Centre offers well equipped laboratories including molecular biology, a research aquarium, high pressure lab equipment, a flow cytometer facility and scanning electron microscope plus access to sea-going state-of-the-art sampling equipment including the remotely operated vehicle ISIS. We invite applications from individuals in any area of marine biology but with preferred emphasis on benthic or pelagic ecology of metazoa, fisheries biology, or marine biotechnology.

You must have a PhD at the time of appointment and a proven ability to publish innovative, high quality research. Emphasis will be placed on your track record of publications and grant capture commensurate to career stage and your ability to develop a dynamic, externally funded research program with an international profile. We welcome your application if you pursue fundamental research or if you have the potential to develop applied research and closer links with industry. You will have a commitment to excellence in undergraduate education, including field training in marine biology, oceanography or earth science and a desire to engage in doctoral student supervision by capitalizing on the opportunities presented by our large Graduate School. Details of our degree programmes can be found at [http://www.southampton.ac.uk/soes/](http://www.southampton.ac.uk/soes/)

Enquiries should be directed to Professor Tim Minshull, Head of the School of Ocean and Earth Science, email: tim@noc.soton.ac.uk

To apply online visit [www.jobs.soton.ac.uk](http://www.jobs.soton.ac.uk) Alternatively telephone 023 8059 2750. Please quote the relevant reference number (as above) on all correspondence. The closing date for all positions is 20 November 2010 at 12 noon. Our online system will prompt you to submit your curriculum vitae, concise statements of research interests and aspirations and teaching philosophy and interests, and the names and contact details of at least three referees. Please also send an electronic copy to Professor Minshull.

At the University of Southampton we promote equality and value diversity.

www.jobs.soton.ac.uk
TENURE-TRACK FACULTY POSITION

DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry invites applications for a tenure-track position at the Assistant or Associate Professor level. We are seeking individuals to establish internationally leading programs that apply the tools of structural biology to topics of biomedical relevance. The Medical College of Wisconsin (www.mcw.edu) is the largest private research institution in Wisconsin, conducting over $142 million annually in funded research, and the Department of Biochemistry is home to state-of-the-art X-ray and NMR facilities. Institutional disease-focused initiatives provide translational research opportunities for candidates with an interest in structure-based drug discovery in many areas including cancer, cardiovascular disease, and diabetes. Applicants must have a doctoral degree, at least 2 years of postdoctoral training, a strong publication record, and potential to obtain extramural funding. Competitive salary support, start-up funds, and new laboratory space will be provided.

Applications should include a cover letter, curriculum vitae, statement of research interests, copies of key publications, and three reference letters. Send application materials and reference letters electronically in pdf format to:

Structural Biology Search Committee
Department of Biochemistry
Medical College of Wisconsin
8701 Watertown Plank Road
Milwaukee, WI 53226
E-mail: akear@mcw.edu
EOE M/F/D/V (www.mcw.edu/hr)

THE GATSBY CHARITABLE FOUNDATION

Research Group Leader, Sainsbury Laboratory, Cambridge University

The Gatsby Charitable Foundation invites applications for Research Group Leader positions to be held at the Sainsbury Laboratory at the University of Cambridge.

The positions are open to applicants of any nationality. The Gatsby Charitable Foundation intends that the positions will be awarded across a broad range of seniority, but applicants would typically have postdoctoral experience in a field related to the overall scientific focus of the Laboratory in plant development and in computational modelling of development. Applicants should be able to provide strong evidence of their potential to become independent scientific group leaders. Applicants who currently hold a permanent post in a University or other Research Organisation are welcome to apply.

Funding will initially be provided for five years, with a possible extension for a further five year term, with no overall limit on number of extensions. The laboratory has excellent core facilities, including growth room, glasshouse and computing facilities, Group Leaders will be provided with an annual research grant exceeding £250,000 per annum in addition to their salary. Once in post, group leaders will be eligible to apply for research grant funding from other sources.

Applications should be submitted electronically as PDF files and include a full CV, a research proposal for the initial five year period as group leader, and the names of at least three referees. Further guidance and details about the laboratory can be obtained by e-mailing Sainsburylaboratory@admn.cam.ac.uk. Completed applications should be sent by e-mail to Sainsbury.applications@admn.cam.ac.uk.

Applications can be submitted at any time. Applications will be peer reviewed by the Gatsby Charitable Foundation at least three times annually.

Assistant Professor

Duke University School of Medicine

Applications are invited for a tenure track appointment as Assistant Professor in the Department of Pharmacology and Cancer Biology in the Duke University School of Medicine. The department faculty members have diverse interests that include cell signaling and regulation, cancer biology, gene regulation, chemical biology, neuropharmacology and metabolism.

Applicants should submit curriculum vitae, a brief statement of past research accomplishments and future research interests and a list of three references as a single PDF and should arrange for three letters of recommendation to be sent by email to the Pharmacology and Cancer Biology Search Committee 2010 at: PCBSearch@mc.duke.edu

Applications and letters are due by December 1, 2010.

The University of Arizona

DEPARTMENT OF IMMUNOBIOLOGY

Applicants are invited for Tenured/Tenure Track positions at the assistant, associate, and full professor rank, depending upon qualifications, at the, Department of Immunobiology, University of Arizona College of Medicine. Qualified applicants will develop strong, extramurally funded programs. Preference will be given to those candidates investigating initiation and regulation of innate and inflammatory responses, however, applicants with outstanding programs in other areas of immunobiology and microbial or immune pathogenesis will be considered as well. Successful applicants are expected to not only develop independent research programs and contribute to graduate (Ph.D.) and medical (M.D.) education, but also to invest a fraction of their effort to help build interactive and collaborative programs within and outside the Department to tackle larger biomedical problems relevant to human health.

The University of Arizona is amongst the top 20 public research and education universities, boasting excellent core facilities, strong departments and centers, as well as lively campus culture and life, and a blossoming recreations center. It is located in sunny Tucson, a city with a vibrant multicultural population of approximately 900,000, strong economy, and business. Tucson is surrounded by a majestic desert and mountains rising to more than 9,000 feet.

Applications and Letters of Interest should be submitted to Job #44945 at www.hr.arizona.edu. Be prepared to attach your curriculum vitae.

The University of Arizona is an EEO/AA Employer – M/W/D/V.
Founded in 1911, The University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. Ranked 24th among the top 200 universities in the world by the UK’s Times Higher Education, the University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and about 100 sub-divisions of studies and learning. There are over 23,400 undergraduate and postgraduate students coming from 50 countries, and more than 1,200 members of academic and academic-related staff, many of whom are internationally renowned.

**Post-doctoral Fellowships and Research Assistant Professorships**

Applications are invited for a number of positions as Post-doctoral Fellow (PDF) (Ref: 20100577) and Research Assistant Professor (RAP) (Ref: 20100577), at the University of Hong Kong, on or before July 31, 2011. Appointments will be made for a period of 2 to 3 years.

PDF and RAP posts are created specifically to bring new impetus and vigour to the University’s research enterprise. Positions are available from time to time to meet the strategic research needs identified by the University. Positions are available in the following Departments:

- Real Estate and Construction
- School of Humanities (History)
- Faculty of Dentistry
- Faculty of Education
- Institute of Human Performance
- Electrical and Electronic Engineering
- Mechanical Engineering
- Biochemistry
- Centre for Cancer Research
- Clinical Oncology
- Research Centre of Infection and Immunology
- Medicine
- Physiology

**PDFs** are expected to devote full-time to research. Applicants should be doctoral degree holders having undertaken original research that has contributed to the body of knowledge. A highly competitive salary commensurate with qualifications and experience will be offered. Annual leave and medical benefits will also be available.

**Research Assistant Professorships**

The main focus of an RAP’s duty is research. RAPs can however be assigned some teaching duties, up to 50% of the normal teaching load. Applicants should be research active and have a proven publication record. A highly competitive salary commensurate with qualifications and experience will be offered, with a contract-end gratuity and University contribution to a retirement benefits scheme (totaling up to 15% of basic salary). Annual leave, and medical/dental benefits will also be offered.

**Procedures**

Prospective applicants are invited to visit the following webpage http://www.hku.hk/apptunit/ to view the full list of the research areas and their home Faculties/Departments/Schools/Centres for which PDF/RAP positions are currently available. Before preparing an application, Applicants should contact the Head of the appropriate academic unit to ascertain that their research expertise matches the research area for which a vacant PDF/RAP post is available.

Applicants must submit a completed University application form, which should clearly state which position they are applying for; and in which academic discipline. They should also provide further information such as details of their research experience, publications, research proposals, etc.

**Further particulars and application forms** (152/708) can be obtained at http://www.hku.hk/apptunit/; or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hku.hk). **Closes October 16, 2010.** Candidates who are not contacted within 3 months of the closing date may consider their applications unsuccessful.

The University is an equal opportunity employer and is committed to a No-Smoking Policy.

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**Scientist Positions at Novo Nordisk**

**China R&D Center**

Zhongguancun Life Science Park, Beijing, China

Novo Nordisk is a world leading healthcare company in diabetes care, haemophilia treatment, growth hormone therapy and hormone replacement therapy. Novo Nordisk China R&D Center is an integrated part of Novo Nordisk R&D organization and now looking for highly motivated scientists who plan to advance their career in China. For all positions, excellent communication skills in spoken and written English, flexibility and the desire to work within a multidisciplinary team are required. Industry experience is a preferred. Title and compensation will be based on qualifications. For application, please send resume and cover letter with job code in the subject of email to: InfoNNST@novonordisk.com.

- **Scientist/Senior Scientist, Antibody Phage Display [Job Code: MB_201009_Phage]:**

  **Responsibility:**
  - Lead effort on antibody discovery/generation via phage display selection process
  - Contribute to strategic and scientific activities related to the discovery and design of recombinant antibody
  - Interact with discovery scientists and develop effective inter-departmental and cross-functional relationships, including international interactions
  - Identify, evaluate and manage potential external collaborators and research opportunities
  - Expand awareness of novel technology development for antibody & protein therapeutics

  **Requirements:**
  - Ph.D. in Molecular Biology, Biochemistry or Immunology, and a minimum of 3 years of relevant post-doc experience
  - A proven track record with phage display or other display platforms
  - Solid knowledge and hands-on in-depth experience in various molecular biology techniques, particularly in antibody library construction, engineering, expression, purification and characterization.
  - Experience with automation and high throughput screening is a plus.

- **Scientist/Senior Scientist, Fermentation technology [Job Code: MB_201009_Fermentation]:**

  **Responsibility:** Plan and execute laboratory- and mini-pilot-scale E.coli cultivations to support the development of Novo Nordisk biologics pipeline. In this role you are expected to design experimental programs, develop cultivation protocols and oversee the execution.

  **Requirements:**
  - Ph.D. in Biochemical/Chemical Engineering w/good track record of research in fermentation or bioprocess development.
  - In-depth knowledge of microbial physiology and metabolism, fermentation technology and recovery processes.
  - Competent with basic analytical tools/laboratory automation – HPLC, microscropy, plate readers, automated liquid handling, high throughput micro culture systems and fermentor automation and control.
  - Experience in a biotech or pharmaceutical environment and knowledge of statistical data analysis methodology is preferred.

- **Scientist/Senior Scientist in Cell Biology [Job Code: CB_201009_Sci]:**

  **Responsibility:**
  - Using immunology, cell biology, and antibody technology expertise to actively participate in and contribute to the novel drug R&D for the treatment of inflammatory disorders.

  **Requirements:**
  - Ph.D. in Immunology or Cell Biology with excellent track record. >=2 years of postdoctoral experience in the disciplines mentioned above.
  - Rich experience in cell based functional assays and using various FACS equipments
  - Experience in inflammatory disease research or monoclonal antibody discovery development is preferred. Furthermore, we also have 2 positions within diabetes research department.

  - **Senior Scientist in protein purification with experience in process development [Job Code: DR_201009_PPPD]**
  - **Scientist in molecular biology/ protein expression with special focus on E.coli [Job Code: DR_201009_MB/PE]**

Tenure-track Assistant and/or Associate Professor of Human Genetics

The Department of Human Genetics in the University of Utah School of Medicine (http://genetics.utah.edu/) is seeking outstanding applicants for a tenure-track position at the level of Assistant or Associate Professor. We encourage applications from scientists with interests in genetic approaches to complex disease, population/statistical genetics, computational biology, functional genomics, and animal models of human disease. Our department has a strong history in human genetics, genomics, and developmental genetics, and our faculty members collaborate closely with faculty in other basic science and clinical departments. Creative scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive a highly competitive startup package and enjoy a stimulating and supportive research environment.

Applicants should submit an electronic version of current CV, summary of research plans, relevant reprints and/or preprints, and three letters of reference to:

Dr. Lynn B. Jorde
Professor and Chair
c/o Natalie Johnson, njohnson@genetics.utah.edu

Application materials, including letters of reference, must be submitted by November 1, 2010. The 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, (801)581-8365. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a demonstrated commitment to improving access to higher education for historically underrepresented students.

In response to continued enrollment growth FGCU announces the search for highly qualified applicants to fill the following positions:

College of Arts & Sciences

Biological Sciences, Associate/Full Professor, Req. #1233 (Application Deadline: December 1, 2010)

Biology, Instructor I, Req. #1263 (Application Deadline: December 2, 2010)

Hydrodynamic Modeler, Assistant/Associate Professor, Req. #1232 (Application Deadline: November 5, 2010)

Sustainability Science, Associate Professor, Req. #1216 (Application Deadline: November 6, 2010)

Paleoclimatology, Assistant/Associate Professor, Req. #1260 (Application Deadline: November 5, 2010)

Sproul Chair, Habitat Restoration & Management, Eminent Scholar, Req. #1230 (Position is open until filled, however; for first consideration, apply before November 15, 2010.)

To apply for any of these positions, please visit our website at http://jobs.fgcu.edu and access the Req. # for detailed information. Application materials will only be accepted online. All application materials must be received by the deadline date of the position. Application packages, including additional materials submitted such as videos, tapes, slides, books, etc., are subject to public review under Florida’s Public Records law, shall become the property of FGCU, and cannot be returned. Finalists will be required to provide official transcripts.

FGCU is an EOE, which has a commitment to cultural, racial, and ethnic communities and encourages women and minorities to apply. It is expected that successful candidates share this commitment.

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

http://tinyurl.com/2vjiyah

Tenure Track Faculty Positions in Developmental/Regenerative Biology

The Department of Developmental Biology at Washington University School of Medicine is undergoing a major expansion and is recruiting outstanding scientists interested in developing innovative, independent research programs focused on stem cell or regenerative biology. The research interests of the present faculty in the Department of Developmental Biology are diverse and exploit a variety of model organisms, including C. elegans, D. melanogaster, Xenopus, zebrafish, and mouse (http://DevBio.wustl.edu). Applications will be accepted from individuals holding the Ph.D., M.D., or M.D./Ph.D. degrees and having relevant postdoctoral training. Appointments will be made at the level of Assistant or Associate Professor on the tenure track.

Interested individuals should send a letter of interest, curriculum vitae and summary of research accomplishments and plans (in a single PDF file) by November 1, 2010 to:

Search Committee (c/o Liliana Solnica-Krezel, Chair)
Department of Developmental Biology
Washington University School of Medicine
660 South Euclid Avenue, Campus Box 8103
St. Louis, MO 63110
Email: devbiosearch@wustl.edu

Applicants should also arrange to have three letters of recommendation (pdf files) sent to devbiosearch@wustl.edu.

Washington University is an Equal Opportunity Employer AA/EOE M/F/D/V.
Chair, Department of Microbiology and Immunology

The School of Medicine and Biomedical Sciences at The State University of New York at Buffalo (University at Buffalo; UB), invites nominations and applications for the position of Professor and Chair of the Department of Microbiology and Immunology. The new Chair will be expected to provide the scientific vision and direction to bring the Department to the next level of excellence. Appropriate resources, in the form of new Assistant to Full Professor faculty lines and startup packages, are available to implement this growth.

DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY: Currently, there are 16 faculty members with interest in bacteriology, virology, parasitology, and immunology, and, most recently, mycology. Current faculty is collegial, committed, and ambitious and active in all aspects of academia, with a total direct cost grant portfolios over $20M. The Department (http://www.smbs(buffalo.edu/microb/Academic_Programs/) is responsible for educating students in both Medical and Dental school and health related professions, and for training of its own graduate and undergraduate students. The Department plays a major role in the Witebsky Center for Microbial Pathogenesis and Immunology, where faculty from several Departments works in contiguous space.

The University at Buffalo is entering the fifth year of implementation of the UB2020 strategic plan, with major strengths in Molecular Recognition in Biological Systems, Bioinformatics, and Health and Wellness across the lifespan. UB is the SUNY’s comprehensive campus; the Health Sciences complex includes the Schools of Dental Medicine, Pharmacy, Public Health and Health Professions, and Nursing in addition to Medicine and Biomedical Sciences.

STATE-OF-THE-ART FACILITIES: Modern and well-designed laboratory space, as well as cutting edge research cores in many areas, including genomics, proteomics, microscopy/imaging, macromolecular crystallization, and transgenic animals are available. Diverse opportunities for collaborations exist at nearby Roswell Park Cancer Institute, the Hauptman-Woodward Medical Research Institute, the New York Center of Excellence for Bioinformatics and Life Sciences, the Research Institute on Addictions, and the Center for Excellence in PK/PD in the Department of Pharmaceutical Sciences.

COMMUNITY ENVIRONMENT: Buffalo has unique characteristics, which make it an ideal place to live and work. Buffalo, called “The City of Good Neighbors”, is the second largest city in New York State. Amherst, a nearby suburb, is consistently rated one of the safest communities in the nation. Area public schools are outstanding and housing is very affordable. Buffalo is a cultural center with excellent theater, museums, and an exceptional symphony. In addition, the surrounding environment contains two of the Great Lakes for sailing, boating and fishing, hills for skiing and hiking and the beauty of Niagara Falls which combine to create an optimal environment. To learn more about the Buffalo/Niagara region visit: www.buffalo.edu/aboutb/region.html.

CANDIDATE REQUIREMENTS: The successful candidate will have a Ph.D., M.D. or equivalent degree, and a well-funded and internationally recognized program of research in the broadly defined area of Biochemistry and Immunology. Strong leadership and administrative skills are essential attributes. Beyond maintaining a strong research program, responsibilities of the Chair include administration of the Department and its teaching programs, as well as defining its scientific vision and overall directions.

APPLICATION PROCESS: Applications should be addressed to Dr. M. L. Dubocovich, Chair, Microbiology and Immunology Search Committee, and submitted to www.ubjobs(buffalo.edu (posting # 1000474). Nominations or inquiries may be sent to mdubov@buffalo.edu. Position will be open until filled.

The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.
Central Michigan University (CMU) seeks a dynamic and creative electrochemist for a tenure-track ASSISTANT PROFESSOR position in the Department of Chemistry and the interdisciplinary Science of Advanced Materials (SAM) Ph.D. program to begin August 2011. This position adds to a newly formed group exploring new materials for alternative and renewable energy applications. The preferred candidate will develop a competitive, externally funded research program in electrochemistry with additional emphasis on the synthesis and characterization of inorganic-based materials or nanomaterials. In addition, it is expected that the candidate will participate in the SAM Ph.D. program. Please see the SAM website for the current faculty, undergraduate, and graduate courses in one or more of the traditional sub-disciplines of chemistry and in the area of specialization. The position is structured such that teaching responsibilities will begin during the third year of appointment, with the establishment of a competitive research program serving as the major focus during the first two years of the appointment. Additional responsibilities include advising, supervising student research, and department and university service. Classified by the Carnegie Foundation as a doctoral research university, CMU is recognized for strong undergraduate education and a range of focused graduate and undergraduate programs. The department offers bachelor’s degrees in chemistry, biochemistry, chemistry education, and master’s degrees in chemistry and chemistry education. The new, interdisciplinary Ph.D. program in the Science of Advanced Materials was initiated in fall 2008 (website: http://www.cam.cmich.edu). Ph.D. in materials-based Inorganic Chemistry, Materials Science, or closely related chemistry discipline with electrochemical focus, demonstrated effective communication skills, and demonstrated potential for excellence in teaching and research are required. Post-doctoral research experience in materials for energy applications strongly preferred. Application materials to include vitae, unofficial transcripts, proposed research agenda, description of equipment sought, and start-up needs, and statement of teaching philosophy should be submitted at website: http://www.jobs.cmich.edu. The applicant should arrange for three professional letters of reference to be sent separately to: Chair, Search Committee, Department of Chemistry, Central Michigan University, Mount Pleasant, MI 48859-0001. Telephone: 989-774-3981. Fax: 989-774-3883. E-mail: chem@cmich.edu. Review of materials will begin in October 15, 2010, and will continue until position is filled. Further information on the Department of Chemistry may be viewed at website: http://www.chem.cmich.edu/. CMU, an Affirmative Action/Equal Opportunity Institution, strongly and actively strives to enhance diversity within its community (see website: http://www.cmich.edu/aaco/).

Translational microbiology and microbial pathogenesis. The University of Arizona seeks to hire a tenure-eligible physician-scientist at the ASSISTANT or ASSOCIATE PROFESSOR level in Infectious Diseases. M.D., Ph.D., or D.V.M. with a particular emphasis in translational research, is particularly encouraged to apply. To apply, visit website: http://www.uacareertrack.com, job number 45225, or contact search committee chair, Magdelene So, Ph.D. at e-mail: somaggie@e-mail.arizona.edu.

The Department of Pediatrics and the Department of Immunology at the University Medical Center seek an established PHYSICIAN SCIENTIST who has a track record of success in the field of basic immunology with an emphasis on primary immunodeficiency and/or with pertinent translating research. This individual will expand existing strengths in basic and clinical immunology at Duke and will contribute to graduate education. There will be additional opportunities to contribute to the Program in Microbial Pathogenesis, Emerging Infections, and Host Defense and to broaden collaborations with the Institute for Genome Sciences and Policy, the Duke Translational Medicine Institute, the Duke Human Vaccine Institute, the Department of Molecular Genetics and Microbiology, and other groups across the Duke University campus.

Interested individuals should send a letter of application, curriculum vitae, and list of references to either Wesley Burks, M.D., chief of the Division of Pediatric Allergy–Immunology, at e-mail: wesley.burks@duke.edu or Michael Kraangel, Ph.D., interim chair of the Department of Immunology, at e-mail: kraangel001@mc.duke.edu. Duke University Health System is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT, ASSOCIATE, or FULL PROFESSOR

The James Graham Brown Cancer Center at the University of Louisville seeks one or two investigators to join a full-time program at the Assistant/Associate/Full Professor level to participate in the Kosair Charities Pediatric Cancer Research Program (KCRP). This new program will focus on the discovery and development of new targeted agents and drugs for pediatric malignancies. KCRP is funded by a $12 million commitment from the Kosair Charities Foundation (Louisville, Kentucky) which will provide support for faculty recruitment and support, research infrastructure, and clinical trials. The participants of the KCRP will have or will develop competitive research programs and will be faculty members at the James Graham Brown Cancer Center, University of Louisville. KCRP will interface with the very strong translational program of the Brown Cancer Center. The Brown Cancer Center drug development program comprises more than 40 scientists and has had considerable experience with novel drug development. It has developed three drugs and three early-phase clinical trials, with more than twenty novel compounds in preclinical development. The Brown Cancer Center has a complete spectrum of shared facilities to enhance target characterization and drug identification.

Please send letters of application and curriculum vitae to: John O. Trent, Ph.D., Director, KCRP, James Graham Brown Cancer Center, 505 South Hancock Street, Louisville, KY 40202, E-mail: john.trent@louisville.edu.

FACULTY POSITION in IMMUNOLOGY

Boston University School of Medicine

The Department of Microbiology (website: http://www.bumc.edu/microbiology) is seeking outstanding investigators with an innovative record in research for immunology faculty accomplishments. Applications in all areas of immunology will be considered, but investigators specializing in basic aspects of adaptive immunity, the immunology of infectious diseases, and/or the use of computational approaches to understand the immune system or for vaccine design are especially encouraged to apply. Candidates appropriate for any faculty level position will be considered.

Interested individuals should submit their curriculum vitae, reprints, and three letters of reference to: kflernes@bu.edu no later than December 1, 2010.

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

FACULTY OPPORTUNITY

Assistant/Associate Professor of Microbiology

Mount Sinai School of Medicine

One Gustave Levy Place

New York, NY 10029-6574

You may also send to e-mail: nina.umerah@msm.edu and the appointment will be made at the ASSISTANT PROFESSOR level.

Successful applicants will participate in the Center for Imaging Research (website: http://www.firc.mcw.edu) which provides multiple research dedicated imaging platforms and technical infrastructure for brain mapping in human subjects and laboratory animals. Area of research specialization is open but outstanding individuals with interests in attention, perception, action, language or emotion are particularly encouraged to apply. Responsibilities include developing an independent externally funded research program and teaching graduate and undergraduate courses in the neuropsychology.

Applicants must have a Ph.D. in neuroscience or a closely related field, research interests in cognitive neuroscience, and significant postdoctoral research experience. Preferred qualifications are strong potential for extramural funding; demonstrated research productivity; interest in fostering graduate and undergraduate research experience; excellence in graduate and undergraduate teaching; and the ability to strengthen or expand existing research programs.

Review of applications will begin on November 15, 2010, and continue until the positions are filled. To apply online please see website: http://jobs.uwm.edu/post/119328. A complete application will consist of a cover letter, vita, a concise statement of research interests, and three references of concern. Candidates may submit a statement of teaching interests. All application materials may be submitted electronically. Please visit the applicants should arrange for three letters of reference to be mailed to: Neuroscience Search Committee, Department of Psychology, UWM, PO Box 413, Milwaukee, WI 53201. UWM is an Equal Opportunity Institution committed to diversity.
Facility Openings In Neurobiology

The Department of Neurobiology at the University of Chicago seeks to recruit tenure-track faculty. Appointments can be made at any level, and applicants in any area of neurobiology are encouraged with a preference for individuals investigating synaptic transmission/plasticity or neural development. Candidates must have a PhD and at least two years of postdoctoral training in Biological Sciences.

Applicants should apply online at academiccareers.uchicago.edu/applicants/ Central?quickFind=51283 by uploading a cover letter, CV, a statement of research objectives, and the names and contact information of three academic references. Applicants must arrange to have 3 letters of recommendation submitted to Elizabeth Grove c/o NeuroSearch@bsd.uchicago.edu. Applications will be accepted until the position(s) are filled, application review will begin November 1, 2010.

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

THE DEPARTMENT OF CHEMISTRY AT THE UNIVERSITY OF DAYTON invites applications for a tenure-track faculty position in fields related to Biochemistry (biochemistry, pharmacology, toxicology, etc.) at the rank of Assistant Professor starting Fall 2011. The Chemistry Department offers an ACS approved B.S. degree in Chemistry, a B.S. degree in Biochemistry, a B.A. degree in Chemistry and a M.S. degree in Chemistry. We seek an individual who will thrive in an environment that combines excellence in both teaching and research.

Candidates must have a strong interest in teaching, strong communication skills and an expressed interest in academic and research advising of undergraduate Chemistry and Biochemistry majors. The successful candidate will be expected to teach courses in biochemistry, their area of specialization, and introductory chemistry courses, and to establish an innovative, externally funded research program including both undergraduates and M.S. students. A Ph.D. in a biochemically related field and at least one year of postdoctoral research experience are required. Candidates with experience working with diverse student populations and who can contribute to proposed medicinal/pharmaceutical chemistry B.S. and existing bioengineering M.S programs are preferred. The University of Dayton has received a National Science Foundation ADVANCE grant designed to promote the advancement and representation of women in the sciences.

To apply, submit a curriculum vitae, descriptions of teaching philosophy and research plans including equipment and startup needs, and copies of undergraduate and graduate transcripts to http://jobs.udayton.edu/applicants/ Central?quickFind=51402. Three original letters of recommendation, at least one of which must address teaching potential, should be sent to: Search Committee, Department of Chemistry, University of Dayton, Dayton, OH 45469-2357. For additional information, or if you have questions, contact Dr. David Johnson at dave.johnson@notes.udayton.edu. All application materials must be received by November 1, 2010.

For more information about the department, please visit www.udayton.edu/~chem. The University of Dayton, a comprehensive Catholic University founded by the Society of Mary (the Marianists) in 1850, is Ohio’s largest independent university and one of the nation’s ten largest Catholic universities.

The University of Dayton is firmly committed to the principle of diversity and is an Affirmative Action/Equal Opportunity Employer. Persons of color, women, individuals with disabilities and veterans are encouraged to apply.

Director, James H. Oliver, Jr., Institute of Arthropology and Parasitology
Georgia Southern University

Georgia Southern University invites nominations and applications for the Director of the Institute of Arthropology and Parasitology (IAP) at the associate or full professor rank. The full text announcement with all qualifications and application instructions is available at http://www.bio.georgiasouthern.edu/searches. Georgia Southern seeks to recruit individuals who are committed to excellence in administration, scholarship, teaching and professional service within the University and beyond and who are committed to working in diverse academic and professional communities.

The IAP serves as a center where persons with interests in parasitic arthropods and vector-borne diseases can interact and focus on research and applied problems. The U.S. National Tick Collection is an integral part of the IAP. It is the largest tick collection in the world with several million specimens representing approximately 90% of the world’s species. The collection remains the property of the Smithsonian Institution, but is on long-term loan.

Screening of applications will begin 22 October 2010. The position starting date is 1 August 2011. A complete application consists of a letter addressing the qualifications and duties cited in the full text announcement, a curriculum vitae, and letters from at least 3 professional references. Other documentation may be requested. Nominations, applications and letters of reference may be mailed as a hardcopy or in PDF format sent via e-mail.

Dr. Stephen Vives, Chair, Search #59318
Department of Biology
Georgia Southern University
P.O. Box 8042
Statesboro, GA 30460
e-mail: IAPDirectorSearch@georgiasouthern.edu
912-478-5487

Georgia Southern University is an AA/EO Institution and the state is an Open Records state. Finalists will be required to submit to a background investigation. Individuals who need reasonable accommodations under the ADA to participate in the search process should contact the Associate Provost.

The Yale University School of Medicine Interdepartmental CNNR Program invites applications for a tenure-track faculty position in Celluar Neuroscience, Neurodegeneration, and Repair (CNNR) is searching for a scientist who uses molecular and cellular approaches to advance the understanding of Nervous System function. Both outstanding applicants with research programs focused on understanding neurodegeneration or promoting neural repair, and applicants with a focus on basic aspects of neuronal function are encouraged to apply. 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://medicine.yale.edu/cnnr.

Faculty Positions

Yale University School of Medicine
Interdepartmental CNNR Program

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. Both outstanding applicants with research programs focused on understanding neurodegeneration or promoting neural repair, and applicants with a focus on basic aspects of neuronal function are encouraged to apply. 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://medicine.yale.edu/cnnr.

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, 2010. 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: cnnr.search@yale.edu.

Applications from women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.
ASSISTANT PROFESSOR - CLIMATE ECOLOGIST

The University of Oklahoma is seeking a new faculty member who works at the intersection of climate change and biodiversity to fill a 12-month, tenure-track position as an Assistant Professor jointly appointed between the Oklahoma Biological Survey and the Department of Botany and Microbiology, beginning 1 July 2011. We seek researchers who use modern tools to understand how different climates influence plant biodiversity and ecosystem function. The University of Oklahoma provides an ideal setting for addressing this question because of the sharp, east-west climate gradient across the southern Great Plains, the diversity of ecoregions and habitats, infrastructure including world-class climate and genomics facilities, and strong faculty expertise in Meteorology, Climate, Molecular and Organismal Biology, Evolutionary Biology, and Environmental Science. Responsibilities will include developing an externally funded research program and teaching one course per year in the candidate’s area of expertise. A Ph.D. is required; post-doctoral experience is preferred. The successful applicant must demonstrate research productivity, the potential to attract external funding, and teaching skills. Screening will begin 1 December 2010 and continue until the position is filled. Please send curriculum vitae, statement of teaching and research interests, and three names and contact information of three references to: Dr. Michael A. Patten, Search Committee Chair, Oklahoma Biological Survey, University of Oklahoma, 111 East Chesapeake Street, Norman, Oklahoma 73019.

For additional information on programs at the Oklahoma Biological Survey and Department of Botany and Microbiology, visit websites: http://www.bioou.ou.edu/ and http://www.ou.edu/cas/botany-micro/.

University of North Dakota

We seek to fill a tenure-track position at the ASSISTANT or ASSOCIATE level with an individual conducting hypothesis driven research on the genomic basis of prokaryotic or eukaryotic adaptation to biotic and abiotic environmental factors. We are particularly interested in candidates who can integrate across traditional biological disciplines. The candidate’s research should span multiple levels of biological organization and utilize cutting edge experimental approaches. The specific system is of less importance than the integration of knowledge across traditional biological disciplines. The candidate will complement a faculty whose scale of research spans from molecules to landscapes and will contribute to a new undergraduate program in Molecular and Integrative Biology.

Candidates must have a Ph.D. in Botany or closely related discipline, strong record of research publication, postdoctoral experience and evidence of a strong ability to develop independent, extramurally funded research. The successful candidate will also participate in graduate instruction and training and teach undergraduate courses that support the departmental curriculum. Applications should indicate Search # and send hard copies of all of the following to: Dr. Gordon Uno, Chair, Department of Botany and Microbiology, 770 Van Fleet Oval, University of Oklahoma, Norman, OK 73019 (inquiries to Dr. Uno at cbeopen@nd.edu) or online at website: http://www.ou.edu/cas/botany-micro/.

The University of North Dakota is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

FACULTY OPENINGS

University of Notre Dame

The Department of Chemical and Biomolecular Engineering at the University of Notre Dame is pleased to announce openings for tenure or tenure-track faculty at any rank. A Ph.D. or equivalent degree is required. All research fields are welcome. Applicants should have developed, or show potential for development of, an outstanding research program and possess a strong commitment to graduate and undergraduate education. Applicants should send a PDF file of their curriculum vitae, statement of teaching and research interests, and the names and complete addresses of at least four references to e-mail: cheopen@nd.edu.

Notre Dame is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF OKLAHOMA

Department of Botany and Microbiology

Applications are invited for the tenure-track position to begin August 2011, at the ASSISTANT PROFESSOR level. We seek outstanding individuals who will contribute to its research, teaching, and service missions, with specific research interests in: (Search #1) Plant Molecular Biology by studying fundamental aspects of cellular and/or developmental biology, with an emphasis on functional genomics, proteomics/metabolomics, cell biology, molecular evolution, or plant-microbial interactions. (Search #2) Plant Ecology by studying plant roles in the regulation of ecosystem structure and function in response to climate change, bioenergy production, or invasive plant ecology.

Candidates must have a Ph.D. in Botany or closely related discipline, strong record of research publication, postdoctoral experience and evidence of a strong ability to develop independent, extramurally funded research. The successful candidate will also participate in graduate instruction and training and teach undergraduate courses that support the departmental curriculum. Applications should indicate Search # and send hard copies of a letter of application, curriculum vitae, and statements of research and teaching interests. Applications must also include three letters of reference, which may be sent via e-mail in PDF format. Submit all materials to the appropriate search chair.

Assistant Professor in MICROBIOLOGICAL AND FOREST ECOLOGY. We seek an individual with expertise in microbial ecology and an interest in applied questions. Applicants must demonstrate an ability to perform competitive research and teach in the areas of microbial ecology and/or interactions between microorganisms and plants in forest ecosystems. The successful candidate will join a growing group of faculty members in the Department of Botany and Microbiology with expertise in Forest Ecosystems and Microbial Ecology. We especially encourage applications from women and minorities. A Ph.D. in Botany or related discipline is required. The position will begin August 2011. The full text advertisement, including information about the position, the department, and the search process should contact the Associate Provost. Finalists will be required to submit an external background investigation. Individuals who need reasonable accommodations under the ADA to participate in the search process should contact the Associate Provost.

FACULTY POSITION

Section of Endocrinology

Tulane School of Medicine

Tenure-track position, ASSISTANT or ASSOCIATE PROFESSOR level. Section focuses on diabetes. Funded candidates with molecular and/or clinical pathophysiology are encouraged to apply. Research and teaching responsibilities. Adjunct appointment(s) with Tulane School of Public Health or Tulane School of Engineering also possible.

The University of Notre Dame is an Equal Opportunity/Affirmative Action Employer and we strongly encourage applications from women and underrepresented groups.

A POSTDOCTORAL RESEARCH position is available in the Department of Pediatrics at Baylor College of Medicine to study molecular mechanisms involved in lung development and disease in the newborn. We are particularly interested in the mechanistic role of cytochrome P450 enzymes in the prevention of chronic lung disease in newborn rodents and oxygen-induced lung injury. We will use transgenic and knock-out mouse models, and utilize state-of-the-art molecular techniques. Knowledge and skills in ophthalmology research and angiogenesis would be highly desirable.

Please send curriculum vitae to Dr. Xanthi Couroucli via e-mail: xanthic@bcm.edu.
The Department of Botany, University of Wisconsin-Madison (www.botany.wisc.edu) invites applications for an ASSISTANT PROFESSOR to begin as early as August 2011. Ph.D. required prior to start of appointment.

The individual who fills this position will be expected to establish an exciting, high-impact research program in the broad area of plant biochemistry. Candidates are sought who will add strength including but not limited to, chemical signaling, systems biology, metabolomics, chemical ecology, photosynthesis, bioenergy, or symbiosis. Teaching responsibilities would include contributions to an introductory biology class and/ or graduate level plant biochemistry course.

Applicants should submit their curriculum vitae, and statements of research and teaching goals, and arrange for the delivery of three letters of recommendation. Application materials should be sent to: Professor Simon Gilroy (sgilroy@wisc.edu), Search Committee Chair, Department of Botany, University of Wisconsin-Madison, 430 Lincoln Drive, Madison, WI 53706. All materials must be received by November 19, 2010, for full consideration.

The University of Wisconsin is an Equal Opportunity Employer. We promote excellence through diversity and encourage all qualified individuals to apply. Unless confidentiality is requested in writing, information regarding applicants must be released upon request. A criminal background check may be required prior to employment.

PLANT BIOCHEMIST

The Department of Biochemistry, University of Illinois at Urbana-Champaign seeks outstanding applicants for an endowed, tenured position at the rank of Professor. Candidates must hold a Ph.D., MD, or equivalent degree, and have a strong international reputation in an area of biochemistry. The target starting date is August 16, 2011. Successful candidates must conduct independent research, perform academic duties associated with our BS and PhD programs, and have the ability to teach effectively at both the graduate and undergraduate levels. Salary is competitive and commensurate with experience. This position offers excellent laboratory facilities, relocation startup funds, and the opportunity to work with outstanding colleagues and graduate students. The Department seeks to strengthen its efforts in diverse areas including, but not limited to, RNA biochemistry, membrane protein structure and function, drug target development and other areas of contemporary structural biochemistry. The successful candidate would also provide synergy with major campus research thrusts, particularly in cancer, neurobiology, stem cell and developmental biology, reproductive biology, immunology, cardiovascular biology, antibiotic development, or infectious disease. The Urbana-Champaign campus offers a wide range of state-of-the-art research support facilities that include the Roy J. Carver Biotechnology Center, the W. M. Keck Center for Comparative and Functional Genomics, as well as facilities for X-ray crystallography, NMR, EPR, proteomics, metabolomics, high-throughput screening, immunology, flow cytometry, microscopy, and transgenic mice. The campus has strong programs in biophysics, bioengineering and chemistry, and superb computational resources are available at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics. The University of Illinois is a partner in the Life Sciences Collaborative Access team (LS-CAT) at nearby Argonne National Labs providing ready access to the synchrotron.

Urbana-Champaign offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life as reflected by its ranking as one of 10 Great Neighborhoods in America by the American Planning Association: http://www.planning.org/greatplaces/neighborhoods/2007/westurbana.htm

To ensure full consideration, create your candidate profile through https://jobs.illinois.edu and upload your application cover letter, curriculum vitae, a concise summary of past research accomplishments, and a statement of future research plans, by December 15, 2010. Although early applications are appreciated and interviews may be conducted before the closing date, no hire will be made until after the closing date. Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer. The administration, faculty, and staff embrace diversity and are committed to attracting qualified candidates who also embrace and value diversity and inclusivity.

Cincinnati Children’s Research Foundation

Associate Directors

Cincinnati Children’s Hospital Research Foundation of the Cincinnati Children’s Hospital Medical Center is currently conducting a search for two positions, an Associate Director of Basic Science and a second Associate Director of Clinical Translational Outcomes and Health Services Research. These positions will lead the development and implementation of the Cincinnati Children’s Research Foundation’s strategic direction for research and training to improve the health of children.

Faculty members will hold academic appointments at the University of Cincinnati School of Medicine. The ideal scholarly candidate will hold an MD, PhD or combined MD - PhD, and should have a distinguished national and international reputation for research excellence. Candidate should be a recognized leader in his/her respective scientific field and have a demonstrated ability to teach at the university and medical school level, conduct research, mentor faculty, prepare grants, pursue external funding and publish in refereed journals. Experience should include working in an interdisciplinary medical setting involving a culturally diverse population.

Cincinnati Children’s Hospital Research Foundation is one of the largest pediatric research programs in the nation, ranking second among all pediatric institutions in funding from the National Institutes of Health and sixth among all American hospitals. Cooperation and collaboration transcends all aspects of the institution, allowing us to meet our education, research and clinical care missions.

Interested candidates should send letter of interest along with CV to: Jeffrey A. Whitsett, MD, Executive Director, Perinatal Institute Chief, Section of Neonatology, Perinatal and Pulmonary Biology 5335 Burnet Avenue, MLC 7029 Cincinnati, Ohio 45229 jeffrey.whitsett@ccmc.org Phone: 513-636-4830

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

William J. Rutter Endowed Chair in Biochemistry

Department of Biochemistry
School of Molecular and Cellular Biology

The Department of Biochemistry (http://mcb.illinois.edu/departments/biochemistry/) at the University of Illinois at Urbana-Champaign seeks outstanding applicants for an endowed, tenured position at the rank of Professor. Candidates must hold a Ph.D, MD, or equivalent degree, and have a strong international reputation in an area of biochemistry. The target starting date is August 16, 2011. Successful candidates must conduct independent research, perform academic duties associated with our BS and PhD programs, and have the ability to teach effectively at both the graduate and undergraduate levels. Salary is competitive and commensurate with experience. This position offers excellent laboratory facilities, relocation startup funds, and the opportunity to work with outstanding colleagues and graduate students. The Department seeks to strengthen its efforts in diverse areas including, but not limited to, RNA biochemistry, membrane protein structure and function, drug target development and other areas of contemporary structural biochemistry. The successful candidate would also provide synergy with major campus research thrusts, particularly in cancer, neurobiology, stem cell and developmental biology, reproductive biology, immunology, cardiovascular biology, antibiotic development, or infectious disease. The Urbana-Champaign campus offers a wide range of state-of-the-art research support facilities that include the Roy J. Carver Biotechnology Center, the W. M. Keck Center for Comparative and Functional Genomics, as well as facilities for X-ray crystallography, NMR, EPR, proteomics, metabolomics, high-throughput screening, immunology, flow cytometry, microscopy, and transgenic mice. The campus has strong programs in biophysics, bioengineering and chemistry, and superb computational resources are available at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics. The University of Illinois is a partner in the Life Sciences Collaborative Access team (LS-CAT) at nearby Argonne National Labs providing ready access to the synchrotron.

Urbana-Champaign offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life as reflected by its ranking as one of 10 Great Neighborhoods in America by the American Planning Association: http://www.planning.org/greatplaces/neighborhoods/2007/westurbana.htm

To ensure full consideration, create your candidate profile through https://jobs.illinois.edu and upload your application cover letter, curriculum vitae, a concise summary of past research accomplishments, and a statement of future research plans, by December 15, 2010. Although early applications are appreciated and interviews may be conducted before the closing date, no hire will be made until after the closing date. Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

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MBL Biological Discovery in Woods Hole

Director of NIH-NCRR Supported National Xenopus Resource

at the Marine Biological Laboratory, Woods Hole, MA

The MBL is seeking a Director for the recently established NIH-NCRR-supported National Xenopus Resource. In addition, the successful candidate will be expected to conduct externally funded, independent research within one of the Centers or Programs of the MBL and will be considered for appointment at the Assistant, Associate or Senior Scientist level depending on qualifications.

The Director will oversee the scientific and operational needs of the Resource, together with input and expertise contributed by an advisory committee* of Xenopus researchers from around the country. The Resource includes a newly renovated, purpose-built facility to support both *Xenopus laevis* and *Xenopus tropicalis*, and other resources including a P40 support grant from the NIH’s National Center for Research Resources (NCRR). The goal of the National Xenopus Resource is to support basic and translational research using this model organism.

Applicants must have a Doctorate in Biology or closely related field, extensive experience with *Xenopus* as a model research organism, strong managerial and supervisory experience, a strong record of scientific publication, and the potential to attract extramural funding for their research.

Applicants should submit a CV, statement of interest in Directorship, separate statement of research interest, and list of four references on-line at: https://mbl.simplehire.com.

*Advisory Committee: Robert Grainger, University of Virginia (Chair); Richard Harland, University of California, Berkeley; Mustafa Khokha, Yale University; Kristen Kroll, Washington University; John Wallingford, University of Texas, Austin.

For more information about the job posting and the MBL please go to www.mbl.edu.

The MBL is an Equal Opportunity/Affirmative Action workplace.
TENURE-TRACK FACULTY
Department of Computational and Systems Biology
University of Pittsburgh
School of Medicine

We invite applications for a full-time, tenure-track Faculty position at ASSISTANT, ASSOCIATE, or FULL PROFESSOR level in the Department of Computational and Systems Biology in the School of Medicine at the University of Pittsburgh. Candidates with outstanding qualifications should demonstrate research accomplishment in computational and theoretical analysis, modeling and simulation of biological systems. Candidates with suitable expertise may have the possibility to establish both experimental and computational research program. In accordance with the multidisciplinary research activities and integrative role of the department, the appointee will have the opportunity to collaborate with Faculty from the School of Medicine and the Faculty of Arts and Sciences at the University of Pittsburgh, and with researchers from the Pittsburgh Supercomputing Center and Carnegie Mellon University. Qualified applicants are invited to send their curriculum vitae, a summary statement of current and future research interests and plans, and three letters of recommendation before October 15, 2010, to: nmg5@pitt.edu. The position will remain open until the position is filled. Questions about the application process should be sent to Faculty Search Committee, Department of Computational and Systems Biology, University of Pittsburgh School of Medicine, 3064 Biomedical Science Tower, 3551 Fifth Avenue, Pittsburgh, PA 15260, USA. The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

CHEMICAL BIOLOGY

The Department of Chemistry at the University of Michigan invites applications for a tenure-track position in any rank with a potential start date of Sept 1, 2011. Candidates with research interests in the area of chemical biology will be given priority. This would be a University-year appointment (nine-month academic salary with summer salary supported by research funds). Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the electronic application process and relevant materials is available online at the website: https://www.chem.lsa.umich.edu/chemistry/facultyrecruit/. The position will remain open until filled but preference will be given to applicants who have submitted all required materials by December 4, 2010. Information about the Chemistry Department is available on the website: http://www.umich.edu/~michchem. Questions about the application process should be sent to e-mail: chemfac10@umich.edu. Women and 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.

FACULTY POSITIONS

The Oregon Hearing Research Center (OHRC) invites applicants for faculty positions. Appropriate candidates will have research programs using molecular, cellular, or systems approaches to auditory and vestibular neuroscience. Junior-level applicants (including postdocs) are encouraged to apply, although candidates at all levels will be considered. Faculty are expected to maintain an outstanding program of original research and to be an effective teacher at the graduate level. OHRC, located in beautiful Portland, Oregon, is among the top auditory research centers in the USA, with faculty studying development, function, and disease of the inner ear and auditory central nervous system. Please send (by e-mail 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: Sara Van Noy, e-mail: vannoy@ohsu.edu. Consideration for completed applications will begin November 1, 2010.

ASSISTANT PROFESSOR in Plant Development and Evolution
Department of Plant Biology
University of Vermont

The Department of Plant Biology at the University of Vermont is seeking applications for a plant evolutionary developmental biologist to join a diverse group of active scholars in the department. The position is for a tenure-track Assistant Professor, beginning in the Fall of 2011. The successful candidate will show evidence of ability to implement a productive research program, consistently attract extramural funding, and develop a strong teaching record. Teaching will be in introductory biology for majors as well as in an area of the candidate’s expertise. A Ph.D. and postdoctoral in a relevant area are required. Preference will be given to candidates whose research addresses evolutionary explanations of plant form and/or function specifically within the context of environmental signals. The University of Vermont recently identified three “Spires of Excellence” in which it will strategically focus institutional investments in research and growth over the next several years. One of these spires is Complex Systems (original proposal may be viewed at website: http://www.uvm.edu/~ovpr/CSYS.pdf). Candidates whose research, scholarship, and/or creative work interests align or intersect with Complex Systems are especially encouraged to apply.

Applicants should apply online at website: http://www.uvmjobs.com (#33581). A letter of application, curriculum vitae, a research statement, and a statement of interests and vision regarding teaching should all be attached electronically to the online application. In addition, applications should enter in the application names and e-mail addresses for three individuals who will provide letters of reference. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are encouraged to include in their cover letter specific information about how they will further this goal. Review of applications will begin on October 1, 2010, and will continue until the position is filled. Questions may be directed to Dr. Jeanne Harris, search chair, at e-mail: jeanneharris@uvm.edu.

The University of Vermont is an Affirmative Action/Equal Opportunity Employer. The Department of Plant Biology is committed to increasing faculty diversity and welcomes applications from women and underrepresented ethnic, racial, and cultural groups and from people with disabilities.

POSTDOCTORAL POSITION

Department of Biological Sciences, College of Science, Marshall University, Huntington, West Virginia. Position available starting August 1, 2011. The position is open to candidates with a Ph.D. who have research interests in plant form and function, especially within development, and who have a strong teaching record. Teaching will be in introductory biology for majors as well as in an area of the candidate’s expertise. A Ph.D. and postdoctoral in a relevant area are required. Preference will be given to candidates whose research addresses evolutionary explanations of plant form and/or function specifically within the context of environmental signals. The University of Vermont recently identified three “Spires of Excellence” in which it will strategically focus institutional investments in research and growth over the next several years. One of these spires is Complex Systems (original proposal may be viewed at website: http://www.uvm.edu/~ovpr/CSYS.pdf). Candidates whose research, scholarship, and/or creative work interests align or intersect with Complex Systems are especially encouraged to apply.

Applicants should apply online at website: http://www.uvmjobs.com (#33581). A letter of application, curriculum vitae, a research statement, and a statement of interests and vision regarding teaching should all be attached electronically to the online application. In addition, applications should enter in the application names and e-mail addresses for three individuals who will provide letters of reference. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are encouraged to include in their cover letter specific information about how they will further this goal. Review of applications will begin on October 1, 2010, and will continue until the position is filled. Questions may be directed to Dr. Jeanne Harris, search chair, at e-mail: jeanneharris@uvm.edu.

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ASSISTANT PROFESSOR in Eukaryotic Molecular Biology

Biology Department of Indiana University Southeast seeks qualified Ph.D. for a tenure-track position beginning August 2011. Postdoctoral and teaching experiences preferred. Teach courses in Cell, Genetics, Biochemistry, Bioinformatics, and Molecular Biology. Responsibilities include teaching and developing new courses, student advisement, and service. Candidates should have a Ph.D. in Molecular Biology or a closely related field. Please send letter of application, curriculum vitae, and three reference letters to: Dr. Michael P. Geoghegan, Chair, Department of Biology, Indiana University Southeast, New Albany, IN 47150. Review of applications will begin on April 15, 2011. Ball State University is an Equal Opportunity/Affirmative Action Employer.
The Department of Biochemistry and Molecular Genetics at the University of Colorado School of Medicine in Denver invites applications for Assistant Professor faculty positions. We are broadly interested in candidates focusing in the areas of biophysics or genomics or biochemistry. Successful candidates will be expected to establish a vigorous, innovative and independent research program and participate in teaching. They will join a highly interactive, interdisciplinary group of faculty (http://www.uchsc.edu/sm/bbg.), students, and fellows, and enjoy access to state-of-the-art equipment and facilities on our new campus. Candidates must hold a PhD (or equivalent) degree and have a strong record of research accomplishments.

Applicants should submit via jobsatu.com, a CV, a brief description of research accomplishments and plans, and names of at least three people who can write a letter of reference.

We will begin reviewing applications November 15, 2010.

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**University of Colorado School of Medicine**

The Department of Biochemistry and Molecular Genetics at the University of Colorado School of Medicine in Denver invites applications for Assistant Professor faculty positions. We are broadly interested in candidates focusing in the areas of biophysics or genomics or biochemistry. Successful candidates will be expected to establish a vigorous, innovative and independent research program and participate in teaching. They will join a highly interactive, interdisciplinary group of faculty (http://www.uchsc.edu/sm/bbg/), students, and fellows, and enjoy access to state-of-the-art equipment and facilities on our new campus. Candidates must hold a PhD (or equivalent) degree and have a strong record of research accomplishments.

Applicants should submit via jobsatu.com, a CV, a brief description of research accomplishments and plans, and names of at least three people who can write a letter of reference.

We will begin reviewing applications November 15, 2010.

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**Division of Human Genetics/Integrative Genomics Center**

**Full/Associate/Assistant Professor**

The Division of Human Genetics/Integrative Genomics Center of the Cincinnati Children’s Hospital Medical Center, led by Dr. Gregory Grabowski, is undergoing major expansions to meet our long-term goals to improve child and adult health through excellence in genetic research, translational programs, clinical practice and education. Outstanding Faculty Physician (M.D., D.O., M.Ph.D.) and Ph.D. Scientists will have appointments commensurate with experience and accomplishment. The large populations in our general and specialized units, as well as our reputation as a world-class medical institution, offer extraordinary clinical and basic research opportunities. Highly competitive start-up support is available to develop research and clinical programs that foster career development.

Areas of recruiting interest for established and developing faculty are: Translational Research, Molecular and Personalized Medicine, Diagnosis and treatment of genetic disorders and Quantitative and Integrative Genomics – Applied and Basic. Each focus represents a critical area presenting direct opportunities to integrate research into patient care. These exceptional opportunities, in combination with Cincinnati Children’s strong, multidisciplinary infrastructure and our commitment to faculty support, make our institution highly attractive to launch and/or expand your career and change health outcomes for children and adults. Cincinnati Children’s supports disease-based programs across the continuum of research to move basic laboratory/patient discoveries into translational programs that lead to patient-oriented studies and clinical trials for new treatments.

At Cincinnati Children’s Hospital Medical Center, we are committed to improving the quality of life for children and adults, locally and worldwide. Cincinnati Children’s Hospital Medical Center is one of only eight pediatric hospitals in the United States to be included on the Honor Roll in U.S. News & World Report’s 2010 Best Children’s Hospitals issue. Among pediatric institutions, Cincinnati Children’s Hospital Medical Center is the second-highest ranking recipient of research grants from the National Institutes of Health.

Interested candidates should send their CV, bibliography (including funding record) and letter of interest to Julie Burns, Physician and Faculty Recruitment Email: julie.burns@chmc.org Phone: 513-636-5269

Please visit our career page at www.cincinnatichildren.org (job id 98749)

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

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**Senior Scientist and Senior Staff Scientist**

iPierian is a pioneering biopharmaceutical company that is taking the cutting-edge technologies of cellular reprogramming and directed differentiation to an entirely new level to harness the power of induced pluripotent stem cells to advance the understanding of human diseases and accelerate the discovery of more effective therapeutics for patients. iPierian is dedicated to making iPSC technology the industry standard for the early introduction of human pharmacology into the drug discovery process.

A position at iPierian is an opportunity to join a team of leading scientists and collaborators committed to improving human health. We hire outstanding people and subscribe to a rigorous, fast-paced work environment where the science leads the business. If you are interested in joining the iPierian team, please submit your resume/ CV online at careers@ipierian.com and reference SC01 when applying.

The successful candidate will be responsible for the design, development, and execution of medium and high throughput cell-based assays in a variety of formats and screening modalities to support iPierian’s therapeutic programs. She/he will work closely with colleagues, within a matrix organization, on projects ranging from early to late stage discovery. This individual will be capable of integrating the highest quality assay and automation technologies to advance the drug discovery process. The individual must be capable of taking full responsibility of building an assay “from scratch” suitable for high volume screens, lead optimization and molecular target validation. This individual should be able to balance hands-on laboratory work with managerial responsibilities and may manage external collaborations. Salary will be commensurate with experience.

**Required Qualifications:**

- Ph.D. or equivalent degree
- At least 4-8 years of industrial or academic experience in planning, development and execution of assays and running medium to high throughput screens for small molecule drug discovery
- Minimum 2 years of supervisory experience
- Experience in developing and optimizing novel assays in a variety of conventional and cutting edge formats and modalities including cell-based assays in complex cell cultures and biochemical assays focused on specific molecular targets, is required.
- Extensive experience in scaling up and qualifying assays for large scale screens is required
- Demonstrated research experience in neurobiology is preferred
- Ability to conduct a project that requires outsourcing of assay development and screening activities
- Excellent verbal and written skills are required
- Demonstrated ability to work in a fast paced multidisciplinary team

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**Division of Human Genetics/Integrative Genomics Center**

**Full/Associate/Assistant Professor**

The Division of Human Genetics/Integrative Genomics Center of the Cincinnati Children’s Hospital Medical Center, led by Dr. Gregory Grabowski, is undergoing major expansions to meet our long-term goals to improve child and adult health through excellence in genetic research, translational programs, clinical practice and education. Outstanding Faculty Physician (M.D., D.O., M.Ph.D.) and Ph.D. Scientists will have appointments commensurate with experience and accomplishment. The large populations in our general and specialized units, as well as our reputation as a world-class medical institution, offer extraordinary clinical and basic research opportunities. Highly competitive start-up support is available to develop research and clinical programs that foster career development.

Areas of recruiting interest for established and developing faculty are: Translational Research, Molecular and Personalized Medicine, Diagnosis and treatment of genetic disorders and Quantitative and Integrative Genomics – Applied and Basic. Each focus represents a critical area presenting direct opportunities to integrate research into patient care. These exceptional opportunities, in combination with Cincinnati Children’s strong, multidisciplinary infrastructure and our commitment to faculty support, make our institution highly attractive to launch and/or expand your career and change health outcomes for children and adults. Cincinnati Children’s supports disease-based programs across the continuum of research to move basic laboratory/patient discoveries into translational programs that lead to patient-oriented studies and clinical trials for new treatments.

At Cincinnati Children’s Hospital Medical Center, we are committed to improving the quality of life for children and adults, locally and worldwide. Cincinnati Children’s Hospital Medical Center is one of only eight pediatric hospitals in the United States to be included on the Honor Roll in U.S. News & World Report’s 2010 Best Children’s Hospitals issue. Among pediatric institutions, Cincinnati Children’s Hospital Medical Center is the second-highest ranking recipient of research grants from the National Institutes of Health.

Interested candidates should send their CV, bibliography (including funding record) and letter of interest to Julie Burns, Physician and Faculty Recruitment Email: julie.burns@chmc.org Phone: 513-636-5269

Please visit our career page at www.cincinnatichildren.org (job id 98749)

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

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The Ohio State University Colleges of Medicine and Public Health announce a unique cross-college tenure-track, tenurable position in FACULTY POSITION infectious diseases with emphasis on clinical trials/投融资 (www.phhp.osu.edu). OSU is an Equal Opportunity Employer.

**EYEGATE PHARMACEUTICALS, INC.,** a Waltham-based specialty pharmaceutical company seeks PRESIDENT/CEO. Responsibilities include: analyze project operations; identify new product opportunities; conduct private/public fundraising; promote existing products to healthcare providers and industry; and to merge/acquisition candidates. Minimum requirements include Master's degree (or equivalent) in Accounting or Finance. The President will also accept Bachelor's degree (or foreign equivalent) in Accounting or Finance. Preference will be given to candidates who have five years of progressively more responsible work in the field; and four years of senior-level investment/financing experience with companies in the life sciences, health and biotechnology/medical device industries. Experience must include infrastructure building and financial experience in multinational (Fortune 500) accounting firm; U.S. and European corporate finance experience in taking companies public; raising and managing $10 million plus in venture capital/private funding; M&A transactions experience as senior executive officer of a life science company; scientific/technical understanding of biotechnology/pharmaceutical/life science industry; franchise building; budget planning/analysis. Please send curriculum vitae, references and contact information to: Paul Perkins, Eyegate Pharmaceuticals, Inc., 100 Beaver Street, Waltham, MA 02453.

**GENERAL ADVERTISEMENT**

The Department of Chemistry at the University of Michigan invites applications for an anticipated TENURE-TRACK POSITION at any rank in any interdisciplinary field. The position is filled. **The University of Missouri is very interested in promoting a diverse work environment and has programs in place to support the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer, and complies with the guidelines set forth in the Americans with Disabilities Act of 1990. Visit the University of Missouri-Columbia online at:** website: http://www.missouri.edu/. Please direct ADA accommodation requests to our coordinator at telephone: 573-884-7278.

**POSITIONS OPEN**

**FACULTY POSITION**

University of Missouri School of Medicine Department of Nutrition and Exercise Physiology

The Department of Nutrition and Exercise Physiology, University of Missouri School of Medicine invites applications for a tenured or tenure-track position at any rank with preference for the rank of ASSISTANT or ASSOCIATE PROFESSOR. We are interested in an investigator who primarily conducts human or translational nutrition and metabolism research in the area of obesity and its associated behaviors and/or complications (type 2 diabetes, metab- matics, inflammation, etc.). The newly expanded Department of Nutrition and Exercise Physiology now spans three colleges within the University providing a unique opportunity for the Director to utilize resources in the Medical School and on the main campus. Position qualifications include a Ph.D., M.D., or a M.D.-Ph.D. with postdoctoral experience. Successful applicants will have or develop an outstanding research program and contribute to School of Med- i**

**POSITIVE OPEN**

**EARTH and ENVIRONMENTAL SCIENCE**

Professorship in Earth and Environmental Science

The Department of Earth and Environmental Science at the University of Pennsylvania invites applications, at a tenured professor in earth and environmental science that is expected to be filled at the ASSOCIATE or FULL PROFES- SOR level. The research and teaching interests of the successful candidate must be broad and comple- ment the Department’s current activities in the areas of earth history and surficial processes. Successful applicants will have or develop an internationally recognized, externally funded, multidisciplinary research program and will be re- quired to actively participate in undergraduate and graduate teaching and in the administration of the Department. Individuals who can further increase interactions with other University science departments are strongly encouraged to apply. Further information about the Department may be obtained at website: http://www.sas.upenn.edu/ earth/. Applicants apply online at website: http://facultysearches.provost.upenn.edu/applicants/CentrallQuickFind=50821 with a letter, curriculum vitae, statements of re- search and teaching interests and, five publica- tions. The Search Committee will begin to evaluate applications on November 10, 2010. The search will remain open until the position is filled. The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are strongly encouraged to apply.