Max Planck Institute of Immunobiology and Epigenetics

We are looking for

Postdoctoral Positions

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg, Germany is offering Postdoctoral Positions in the Laboratory of Chromatin Regulation (Head: Dr. Asifa Akhtar). The positions are available for an initial two-year appointment with the possibility of extension.

The MPI in Freiburg is an international research institute at the cross-road of Southern Germany, Switzerland and France. The working language is English. State-of-the-art infrastructure and service units, including transgenesis, mass spectrometry, proteomics, flow cytometry, fly and imaging facilities are available.

Your tasks: The research focus of the Akhtar laboratory includes mechanisms underlying chromatin and epigenetic regulation. The lab mainly uses dosage compensation of the male X chromosome in fruit flies as a model system employing multidisciplinary approaches such as genetics, biochemistry, functional genomics as well as cell biology and structural biology. Furthermore, we are currently expanding our efforts to explore conservation of function in mammalian models.

We are looking for enthusiastic, highly-motivated, science-driven and experienced postdoctoral fellows to join our team to unravel the molecular mechanisms that regulate gene expression.

Your qualifications: Applicants should have a PhD or equivalent doctoral degree with at least 3 years of proven research experience in molecular biology, biochemistry, genetics and/or high-resolution imaging. Prior experience working in Drosophila or mouse models is encouraged. Candidates must have at least one first author publication. Furthermore, the ability to work in a team, and communication skills are an asset.

Please submit your application, including a statement of research interests, a CV and three references to our homepage: http://www.ie-freiburg.mpg.de/jobs

We offer: Salaries will be according to postdoctoral fellowships of the Max Planck Society or TVöD and will commensurate with experience.

Application deadline: 30.11.2012

Our institute investigates the molecular basis of the immune response and other topics of the developmental biology, such as the origin and differentiation of the immune cells as well as the development of vertebrate embryo. Another main focus of the institute is epigenetic. This area deals with inheritable traits, which are not caused by changes in the DNA sequence.

Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply. A childcare facility is directly attached to the institute.

If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your salary expectations and your earliest possible date of joining the institute.

Max Planck Institute of Immunobiology and Epigenetics, Ms Weigold

Have we sparked your interest? Please apply online via the jobmarket at our homepage. We are looking forward to getting your complete application documents. http://www.ie-freiburg.mpg.de/jobs
The Faculty of Medicine of the University of Cologne invites applications for the position of a tenured appointment, starting 1st of August in 2013, as

Professor (W3) of Cell Biology

Associated with the professorship is a seat on the board of the Institute of Anatomy (Medical Cell Biology and Microscopic Anatomy) at the Faculty of Medicine at the University of Cologne as well as the teaching of cell biology and microscopic anatomy to medical and dental students. The primary objective of the new appointment is the development of an internationally competitive research programme in cell biology in close connection to the major research areas of the Medical Faculty, the Centre for Molecular Medicine Cologne and the Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases (CECAD).

We seek renowned individuals with a proven track record of research and internationally recognized competence in cell biology with eminent professional skills in microscopy (live imaging, cellular trafficking, centrosome biology etc. and/or ultrastructural imaging). Further requirements are comprehensive teaching experiences and the motivation to actively contribute to the development of the model curriculum of medical studies at the Faculty of Medicine of the University of Cologne and to other degree and graduate programmes in which the Faculty of Medicine participates. Close collaboration with the local Max Planck Institutes for Biology of Aging and Neurological Research and the collaborative research centres are appreciated.

Applications from women are explicitly invited. When equally qualified and suited for the position, women will be preferred unless there are strong arguments in favour of another applicant. Applications from severely handicapped persons are particularly welcome. If equally qualified severely handicapped applicants will be preferred.

Applications are requested to send their curriculum vitae, description of previous professional activity, compilation of teaching activities and other documentation of teaching qualifications, list of publications with reprints of the five most important publications, copies of certificates and diplomas and list of external grants by 16.11.2012 to the Dean of the Medical Faculty, University of Cologne, 50924 Cologne, Germany.

Yale University
School of Medicine

FACULTY POSITION AT THE JUNIOR OR SENIOR LEVEL
DEPARTMENT OF CELLULAR AND MOLECULAR PHYSIOLOGY

The Department of Cellular and Molecular Physiology is conducting a search for new faculty members at the junior level.

The search seeks candidates whose research connects the properties of molecules to the properties of physiological systems, with particular emphasis on integrative or translational research, or research that makes use of genetic techniques.

Excellent opportunities are available for collaborative research, as well as for graduate and medical student teaching. Candidates must hold a Ph.D., M.D., or equivalent degree. Applicants should include a curriculum vitae, a statement of research interests and goals, and should arrange to have three letters of reference sent. Applications should be emailed to leisa.strohmaier@yale.edu in PDF format.

Application Deadline: November 16, 2012

Yale University is an Affirmative Action/Equal Opportunity Employer.
The University of California San Diego invites applications from outstanding candidates for multiple tenure-track or tenured faculty positions as part of a multi-year, campus-wide initiative to establish a preeminent program in the area of Quantitative Biology (qBio), emphasizing quantitative experimentation and theoretical analysis to study living systems. The qBio initiative builds on the interdisciplinary infrastructure provided by the NSF Center for Theoretical and Biological Physics, the NIH Center of Excellence in Systems Biology, the BioCircuits Institute, existing divisional strengths and various interdepartmental graduate programs. Candidates are encouraged to apply to each specific position that fits their interests; successful candidates may be affiliated with multiple academic units and will complement and participate in the development of quantitative biology across campus. All candidates must have earned a Ph.D. or equivalent degree and demonstrate a strong commitment to teaching at the undergraduate and graduate levels. The University is committed to excellence and diversity in its faculty and student body. Preference will be given to scholars with demonstrated excellence and creativity in research, scholarship, and commitment to diversity, equity and inclusion in higher education.

**Cellular Dynamics and Pattern Formation (10-503):** The Division of Physical Sciences is leading a broad-based search for a creative experimentalist for a tenure-track position at the Assistant Professor level, with focus on the dynamical aspects of cellular differentiation and multicellular development using novel physical approaches. Subject matters may range from organs and tissues in higher eukaryotes to biofilms and other microbial communities. Approaches might include advanced methods of in vivo imaging and novel functional probes to quantify molecular interactions and forces to dissect the spatiotemporal progression of morphological and physiological change, with the goal to elucidate the organizational principles of living systems from the sub-cellular to multi-cellular scales. While this search will be conducted University-wide, successful candidates will ultimately be appointed to a specific department within UC San Diego.

**Quantitative Biological Networks (10-506):** The Division of Biological Sciences is leading a broad-based search for a tenure-track faculty position in Quantitative Biological Networks at the Assistant Professor level. Candidates pursuing innovative research focused on exploring network interactions that control intra- and/or inter-cellular behavior, are encouraged to apply. Potential areas of interest include but are not limited to the use of cellular systems to explore spatial-temporal control principles underlying decision making in signaling and gene-regulatory networks, multicellular or organismal systems directed towards a quantitative understanding of how networks govern biological interactions within populations of cells or tissues, or in ecological communities that contain multiple species. Departmental affiliation will be tailored to the selected candidate.

**Quantitative and Chemical Biology (10-445):** The Department of Chemistry and Biochemistry in the Division of Physical Sciences seeks to hire a talented and creative tenure-track Chemical Biologist who combines quantitative analysis, synthesis, and biological systems. Interests include but are not limited to candidates who have a strong chemistry background and predictively probe or engineer living systems.

**Soft Condensed Matter and Biological Physics (10-496):** The Department of Physics in the Division of Physical Sciences seeks to hire a talented and creative experimentalist for a tenure-track Assistant Professor position in the area of Soft Condensed Matter and biological physics. The successful candidate is expected to use physical reasoning and quantitative tools to define the future of pure and applied biological research. The search is broad-based, and extends to individuals with purely scientific approaches as well as those that combine advanced instrument design with scientific discovery. All candidates must have a Ph.D. in Physics or a closely related field.

**Systems/Quantitative Developmental Biology (10-491):** The Section of Cell and Developmental Biology, division of Biological Sciences, invites applications for a faculty position in Developmental Biology at the tenure-track Assistant Professor or Associate Professor level. Candidates pursuing innovative research using systems, quantitative or dynamical approaches to investigate the generation, regeneration, or maintenance of a particular cell type, tissue, or organ are encouraged to apply.

**Quantitative Biosystems Engineering (10-507):** The Department of Bioengineering in the Jacobs School of Engineering seeks to hire a tenure-track systems bioengineer who combines engineering principles and methods, and modern biomedicine to develop quantitative models of living systems in normal and pathophysiology. Interests include but are not limited to candidates who have a strong engineering background and quantitatively probe or engineer living systems.

Salary will be commensurate with qualifications and based on UC pay scales. Review of applications will commence as early as **November 1, 2012** and will continue until the positions are filled. Interested applicants must submit a cover letter, curriculum vitae with a list of publications, statement of research, statement of teaching, reprints of 3 to 5 representative publications, contact information for 3 to 5 references, and a separate statement that addresses past and/or potential contributions to and leadership in promoting diversity, equity and inclusion (see [http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp](http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp)). Applications must be submitted through the University of California San Diego’s Academic Personnel RECRUIT System at [https://apol-recruit.ucsd.edu/](https://apol-recruit.ucsd.edu/).

**UCSD is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence and diversity** ([http://diversity.ucsd.edu/](http://diversity.ucsd.edu/)).
The Department of Biochemistry and Molecular Biology and IU Melvin and Bren Simon Cancer Center invite applications for a Tenure-Track Faculty Position at ALL RANKS. We are seeking innovative, energetic and collaborative individuals with strong expertise in chemical biology and drug discovery. Candidates with background in synthetic and medicinal chemistry are especially encouraged to apply. Successful applicants are expected to develop a strong, independent and extramurally funded research program addressing important problems in cancer biology and therapeutics. In addition, the selected candidate will be part of a dynamic and collaborative program at the interface of chemistry and biology to promote interdisciplinary and translational activities that directly impact therapeutic development. The state-of-the-art facilities at Indiana University School of Medicine house expertise in X-ray crystallography, proteomics, high-throughput small molecule screening, pharmacokinetics and in vivo therapeutic evaluation. Highly competitive salary, start-up funds and laboratory space will be provided. Applicants must have a Ph.D., M.D. or equivalent degree, post-doctoral experience, and clear evidence of research productivity. The search committee will begin consideration of applications immediately and continue until the position is filled.

Applicants should submit curriculum vitae, a brief summary of past accomplishments and future research plans, along the names and email addresses of at least three references electronically to: biomjobs@iupui.edu please refer to job number 12075 or by mail to:

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

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

The Agricultural Biotechnology Research Center (ABRC), at Academia Sinica, Taiwan, invites applications for a tenure-track fellow position at the Assistant or Associate level (equivalent of assistant/associate professor). The successful candidates are expected to develop a rigorous research program in the area of plant science and/or plant biotechnology with the emphasis on biotic and/or abiotic stresses. Preference will be given to candidates whose approaches incorporate omics or systems biology. Academia Sinica, the most prominent academic institution in Taiwan is comprised of world-class institutes. The infrastructure for research is excellent, and Research Fellows are afforded well-equipped laboratories and access to excellent research funding opportunities. The ABRC of Academia Sinica pursues basic and applied research in agricultural biotechnology. For more information of ABRC and Academia Sinica, please visit our websites at http://abrc.sinica.edu.tw/ and http://www.sinica.edu.tw/main_e.shtml, respectively.

Qualifications: Ph.D. in plant science and plant biotechnology or related field with an outstanding record of research achievement. We are particularly interested in applicants who are seeking a highly collaborative research environment.

Applicants should submit the following materials online, at http://abrc.sinica.edu.tw/jobs/ (a) Cover letter; (b) Curriculum vitae, including publications; (c) A summary of research accomplishments; (d) Clearly focused description of future research plans; (e) PDF copies of major publications; (f) Names and contact information for three referees. Candidates should arrange three letters of recommendation to be submitted by e-mail to: abrc@gate.sinica.edu.tw or sent by regular mail to: Faculty Search Committee, Agricultural Biotechnology Research Center, Academia Sinica, No. 128, Academia Rd. Sec. 2, Nankang, Taipei 11529, Taiwan.

Review of candidates will begin on December 1, 2012 and continue until the positions are filled.

The UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the entire University of North Carolina Chapel Hill, seeks outstanding candidates for faculty positions at all levels and at all ranks in basic and translational cancer research with a special interest in a senior cancer researcher. This broadbased recruitment seeks outstanding scientists in a number of areas, including but not limited to: animal models, signal transduction, cancer genetics, bioinformatics, virology, drug development and target validation, epigenetics and gene expression, DNA damage and repair, cancer therapy, cancer immunology, inflammation and cancer, and stem cells. Applicants should have a strong record of recent accomplishments as a post-doctoral fellow or sustained productivity as an established faculty member. Appointment and rank in an academic department will be determined by the applicant’s qualifications. Applications will be reviewed beginning December 1, 2012 and until the positions are filled.

Educational Requirements: Doctoral Degree

Qualifications and Experience: Doctoral Degree

Please apply online at http://uncpeopleadmin.com/postings/8803 and provide curriculum vitae, a description of research plans and contact information of four references.

University of North Carolina at Chapel Hill is an Equal Opportunity/ADA Employer.
And a family is reunited

Angela was 21 days old when she was kidnapped in broad daylight. Her mother, Brenda, was on her way to the doctor when two women assaulted her, snatched Angela from her arms, and took off in a car in Guatemala City.

Two months passed before Angela was found. If it were not for a DNA test—a test created by Life Technologies—there would have been no proof Angela belonged to Brenda.

The test result revealed a 99.9% positive DNA match. Finally, Angela got to go home.

Shaping Discovery. Improving Life.
TWO TENURE TRACK FACULTY POSITIONS IN MOLECULAR MEDICINE

The University of Georgia announces openings for two tenure track faculty positions in its new Center for Molecular Medicine (CMM). Development of the CMM complements UGA’s recent thrust into human health which is marked by the opening of a new health sciences campus that includes a medical school campus operated in partnership with Georgia Health Sciences University as well as the rapidly expanding College of Public Health. The CMM, which is dedicated to better understanding the molecular and cellular basis of human disease as well as developing new disease diagnostics, therapeutics and vaccines, is currently seeking applications from talented and accomplished investigators at the Assistant or Associate Professor level. Candidates utilizing cutting-edge molecular approaches in studies of human disease etiology, tissue regeneration and repair, cancer and stem cell biology, or the application of glycoscience to medicine are especially encouraged to apply.

Applicants for the Assistant level position must have a Ph.D. degree (or equivalent), at least two years relevant postdoctoral research experience, an outstanding publication record and a well-developed research plan. Applicants for the Associate position must have a Ph.D. with a demonstrated track record of outstanding independent research productivity over a span of at least 5 years. The successful candidates will be expected to establish a vibrant, extramurally funded research program. An attractive start-up package with highly competitive conditions of employment will be offered. The University of Georgia (www.uga.edu) is a land grant/sea institution located ninety miles northeast of Atlanta (www.visithensga.com), offers an outstanding quality of life in the Athens region (www.georgia.gov), and is an EEO/AA institution.

To apply, submit a cover letter, CV, and a description of research interests to CMMSEARCH@ccrc.uga.edu electronically (indicate ‘CMM Open Search’ in the subject line). Applicants should arrange to have at least three letters of reference sent to: Open Search Committee Chair, c/o Ms. Karen Howard, Center for Molecular Medicine, University of Georgia, CCRC Building, 315 Riverbend Road, Athens, GA 30602-4712. Electronic letters of recommendation on letterhead are acceptable. Complete applications received by January 25th, 2013 are assured full consideration.

The Department of Earth and Environmental Science at the University of Pennsylvania invites applications for a tenured professorship at the Associate or Full Professor level. We seek an individual with research and teaching interests that complement and broaden our existing strengths in both Earth and Environmental Science. The successful candidate is expected to have developed an internationally recognized, externally funded, multi-disciplinary research program and will be required to actively participate in our core undergraduate and graduate teaching and in the administration of the Department. Individuals who can further increase interactions with other departments within the School of Arts and Sciences are strongly encouraged to apply. Further information about the Department may be sought at www.sas.upenn.edu/earth/.

Applicants apply online at facultysearches.provost.upenn.edu/applicants/Central?quickFind=51104 with a cover letter, CV, statements of research and teaching interests, and 3 publications. The Search Committee will begin to evaluate applications on November 15, 2012 and will continue until the position is filled.

The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer and is strongly committed to establishing a diverse faculty: http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html
Unique and highly competitive, **THE ENDOWED SCHOLARS PROGRAM IN MEDICAL SCIENCE** is designed to launch the next generation's scientific leaders on their biomedical research careers by providing seed money, research space and startup support for groundbreaking projects. The Endowed Scholars Program gives early-career investigators the chance to take risks, supported by the mentoring of experienced and highly distinguished established researchers at **The University of Texas Southwestern Medical Center at Dallas**.

As one of the foremost research institutions in the world, UT Southwestern, with four Nobel Prizes awarded to its faculty since 1985 and 18 members of the National Academy of Sciences, is poised to lead the way in a new era of scientific discovery in the 21st century. We conduct more than 3,500 research projects annually totaling more than $400 million. Endowed Scholars have access to exceptional core facilities, which include DNA microarray services; electron microscopy; live-cell imaging; mouse gene knockouts, transgenesis and metabolic phenotyping; high-throughput chemical screening; and structural biology. UT Southwestern also is home to one of the nation’s first 7-Tesla magnetic resonance imaging devices for human studies. UT Southwestern has a vibrant graduate school and nearly 4,400 medical, graduate and health professions students, residents and postdoctoral fellows.

The Endowed Scholars Program, which is fully funded from private endowment, provides more than $1,000,000 over four years to support the independent research activities, salary and benefits of each scholar. Up to five new scholars are selected each year from top universities, institutions and laboratories around the world. Each scholar is appointed as a tenure-track assistant professor in a UT Southwestern academic department or research center. Positions in both basic science and clinical departments are available.

Potential scholars submit nomination materials to a chair or director of one of UT Southwestern’s basic or clinical academic departments or research centers. Those chairs or directors then forward finalists’ materials for consideration to the medical center’s Endowed Scholars Committee.

For detailed information about nomination materials and currently available positions, please visit our Web page: [utsouthwestern.edu/utsw/home/scholars](utsouthwestern.edu/utsw/home/scholars)

Applications from women and underrepresented minority candidates are strongly encouraged. UT Southwestern is an equal opportunity institution.

**THE UNIVERSITY OF TEXAS**

**MD Anderson Cancer Center**

**Making Cancer History**

A search for a new Chair of the Department of Biochemistry and Molecular Biology at The University of Texas MD Anderson Cancer Center is underway. We are seeking a candidate of international stature (Ph.D., M.D., or M.D./Ph.D.) interested in leading a world-class basic science department, and playing a critical role in the scientific direction of one of the most respected and renowned cancer centers in the world. Applications are encouraged from outstanding senior-level scientists in the broad field of biochemistry.

The Chair is expected to maintain a strong research program, and will have the opportunity to recruit faculty and shape a research focus for the department. Current areas of faculty research are in chromatin biology and epigenetics, stem cells and cancer, development, gene regulatory networks and intracellular signaling, translational control and structural biology. The administrative responsibilities include oversight of faculty recruitment, development, evaluation, promotion and retention; development of integrated educational programs for post-doctoral fellows and students; finance and budget; strategic planning and program development; and resource allocation, including laboratory space. The new Chair will also be important in supporting the activities of the Graduate Program in Genes & Development, which is composed of a diverse faculty and a highly successful graduate training program within the University of Texas Graduate School of Biomedical Sciences at Houston.

We are committed to providing the new Chair with major resources to support the highest level of research. MD Anderson offers unparalleled opportunities to engage in interactions with clinical, translational and basic scientists. With the newly launched Moon Shots Program at MD Anderson, the institute is making an unprecedented effort to dramatically accelerate the pace of converting scientific discoveries into clinical advances that reduce cancer deaths. The breadth and quality of biomedical science in the Texas Medical Center rivals that of any academic medical center in the world. MD Anderson is also home for the University of Texas Graduate School of Biomedical Sciences at Houston. We are looking for individuals who would excel in a challenging and rewarding leadership position, while maintaining a dynamic research program.

Interested individuals should contact us preferably via e-mail and include their curriculum vitae, names of references and a two-page narrative to address their qualifications by November 30, 2012. Send to: aburnett@mdanderson.org

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

The Department of Systems Biology at Harvard Medical School invites applications for a tenure-track Assistant Professor position. We seek broad and careful thinkers with strong theoretical foundations (e.g. in physics, mathematics, or computer science) who have a demonstrated commitment to tackling challenging biological or medical questions. Harvard Medical School offers a unique concentration of biomedical expertise, and the Department of Systems Biology has created a supportive and interactive environment for researchers with quantitative and theoretical skills. The successful candidate will become a member of the university-wide Ph.D. Program in Systems Biology, which has an established record of attracting extraordinary graduate students.

The deadline for applications is **November 30, 2012**. Candidates should have a Ph.D. in a relevant discipline or an MD.

To apply, please submit a statement of research interests (~ three pages), a curriculum vitae, and the names and e-mail addresses of at least three colleagues who have agreed to write letters of recommendation to [https://academicpositions.harvard.edu/postings/4336](https://academicpositions.harvard.edu/postings/4336). Once you apply, your recommenders will be prompted to submit their letters on this application portal; please make sure your recommenders submit their letters before the deadline.

Candidates should have a Ph.D. in a relevant discipline or an MD.

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

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**TUM CREATE** is a research programme sponsored by the National Research Foundation, Singapore. It is a joint effort of Technische Universität München (TUM) and Nanyang Technological University Singapore (NTU). It aims at developing innovative technologies and future transportation concepts in the field of electro-mobility to meet the challenging requirements of fast growing tropical mega-cities. Electric vehicles will play a major role in future traffic systems, including all of their related technologies, e.g., batteries, embedded systems, vehicle technology, and infrastructure. The individual projects and work packages are developed and performed in close collaboration with industry partners. All researchers are academically linked to one or both of the partner universities TUM and NTU. The programme supports an active exchange of students and scientists between Singapore and Munich, Germany. The research programme is run by the company TUM Create Ltd, a 100% subsidiary of TUM Asia Pte. Ltd.

TUM Create is seeking to fill the position of

**Chief Executive Officer (CEO)**

**TUM Create Ltd. in Singapore**

Applicants must have a strong research background in any field related to electro-mobility, either from natural sciences or engineering. They should also have extensive experience in directing large research projects. An academic affiliation on the professorial level with either TUM or NTU is possible. The salary will commensurate with experience.

The initial appointment will be for 3 years. Eligible candidates hold a doctorate, have established a strong track record in academia and/or industry, and demonstrate pedagogical and personal aptitude, as well as substantial international experience. Family leave will be taken into consideration.

Applications accompanied by supporting documentation of professional experience should be submitted by **1st November 2012** to Dr. Markus Wächter (markus.waechter@tum-asia.edu.sg).

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**Penn State University Park**

Three Ph.D. fellowships are available within the Department of Food Science at The Pennsylvania State University beginning August 2013. Funding comes from the United States Department of Agriculture in support of the agency’s focus on education within the broader area of Food and Nutrition for Health. Successful applicants would choose one or more research mentors among 16 faculty members who specialize in food safety, probiotics, food components, food structure, bioactive components, and food choice and consumer behavior ([foodscience.psu.edu](http://foodscience.psu.edu))

Fellows would also develop leadership skills through organizing a seminar series on the scientific basis of controversies and health claims in Food Science and Nutrition, and serving as mentors to students from traditionally underrepresented backgrounds who are considering graduate school.

This position is restricted to U.S. citizens due to the nature of funding.

Requires at least a B.S. degree in Food Science, Microbiology, Chemistry, Engineering, Nutrition, or related field expected by May 2013. Strong preference will be given to applicants with M.S. degrees. Fellowships include a generous stipend (approximately $24,500 per year), tuition remission, and health benefits. Applicants should apply through the Graduate School at Penn State ([foodscience.psu.edu/graduateprograms/apply](http://foodscience.psu.edu/graduateprograms/apply)) and additionally send a 1-2 page statement describing their interest in this specific program and career goals to Dr. Edward G. Dudley, The Pennsylvania State University, Department of Food Science, 326 Food Science Building, University Park, PA 16802, dudley@psu.edu.

Deadline for applications is **December 15, 2012**.

To learn more about the Department of Food Science at Penn State, please visit our website at: [http://foodscience.psu.edu/](http://foodscience.psu.edu/)

Employment will require successful completion of a background check(s) in accordance with University policies. Penn State is committed to Affirmative Action, Equal Opportunity, and the diversity of its workforce.

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**University of Oregon**

**Faculty Positions in Systems Neuroscience**

The Institute of Neuroscience ([http://uoneuro.uoregon.edu](http://uoneuro.uoregon.edu)) and the Department of Biology at the University of Oregon seek to fill one open-rank and one junior tenure-related faculty position in Fall 2013. We are particularly interested in candidates using the mouse to address fundamental questions in systems neuroscience, but we invite applications from researchers using Zebrafish and other model organisms, as well as those addressing questions in the development of neuronal circuitry. The successful candidate will be expected to develop a vigorous extramurally funded research program and to teach at both the graduate and undergraduate levels. Ph.D. required.

Applications accepted online for the University of Oregon NEURO SEARCH at [https://academicjobsonline.org/ajo/jobs/2113](https://academicjobsonline.org/ajo/jobs/2113). Applicants should submit a cover letter, a curriculum vitae including a publication list, a statement of research accomplishments and future research plans, a description of teaching experience and philosophy, and three letters of recommendation. Submission of 1-3 selected reprints is encouraged. Application materials should be uploaded by **November 15, 2012**, but the search will remain open until the positions are filled. Positions are subject to a criminal background check.

Women and minorities are encouraged to apply. The University of Oregon is an Equal Opportunity/Affirmative Action Institution committed to cultural diversity and compliance with the Americans with Disabilities Act, and supportive of the needs of dual career couples. We invite applications from qualified candidates who share our commitment to diversity.
UNCF-MERCK Science Initiative

Science Scholarships and Fellowships

The UNCF-Merck Science Initiative is an innovative approach that creates opportunities in the biological, chemical and engineering sciences for African American students throughout the country.

UNDERGRADUATE
Science Research Scholarships
- Scholarships up to $25,000
- Internship opportunities
- Mentoring and networking opportunities
- Eligibility: College juniors, science or engineering majors, 3.3 GPA

GRADUATE
Science Research Dissertation Fellowships
- Fellowships up to $53,500
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree candidates engaged in dissertation research in the biological, chemical or engineering fields

POSTDOCTORAL
Science Research Fellowships
- Fellowships up to $92,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree recipients in the biological, chemical or engineering fields

APPLY ON-LINE
UNCF.org/umsi
Submit by December 3, 2012

T 202 810 0331
F 202 234 0225
E uncfmerck@un cf.org

Max Planck Institute of Immunobiology and Epigenetics

We are looking for

Postdoctoral Position in Bioinformatics

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg, Germany is offering a Postdoctoral Position in Bioinformatics in the Laboratory of Chromatin Regulation (Head: Dr. Asifa Akhtar). The Position is available for an initial two-year appointment with the possibility of extension.

The MPI in Freiburg is an international research institute at the cross-road of Southern Germany, Switzerland and France. The working language is English. State-of-the-art infrastructure and service units, including transgenesis, mass spectrometry, proteomics, flow cytometry, fly and imaging facilities are available.

Your tasks: The research focus of the Akhtar laboratory includes mechanisms underlying chromatin and epigenetic regulation. We are particularly interested in X chromosomal regulation using flies and mouse models employing multidisciplinary approaches such as genetics, biochemistry, functional genomics as well as cell biology and structural biology.

We are looking for enthusiastic, highly-motivated, science-driven and experienced postdoctoral fellows to join our team to unravel the molecular mechanisms that regulate gene expression.

Your qualifications: Applicants should have a PhD or equivalent doctoral degree with at least 3 years of proven research experience in bioinformatics and analyses of genomewide data (ChIPseq, RNA seq). Prior experience working in Drosophila or mammalian models is highly encouraged. Candidates must have a strong publication record. Furthermore, the ability to work in a team, communication skills and experience in the supervision of graduate students are an asset.

Please submit your application, including a statement of research interests, a CV and three references to our homepage: http://www.ie-freiburg.mpg.de/jobs

We offer: Salaries will be according to postdoctoral fellowships of the Max Planck Society or TVöD and will commensurate with experience.

Application deadline: 30.11.2012

Our institute investigates the molecular basis of the immune response and other topics of the developmental biology, such as the origin and differentiation of the immune cells as well as the development of vertebrate embryo. Another main focus of the institute is epigenetic. This area deals with inheritable traits, which are not caused by changes in the DNA sequence.

Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply. A childcare facility is directly attached to the institute. If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your salary expectations and your earliest possible date of joining the institute.

Max Planck Institute of Immunobiology and Epigenetics, Ms Weigold

Have we sparked your interest? Please apply online via the jobmarket at our homepage. We are looking forward to getting your complete application documents. http://www.ie-freiburg.mpg.de/jobs
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you're not a member, join us. Together we can make a difference.

To learn more, visit
aaas.org/plusyou/sciencecareers

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**Faculty Position in Bioengineering**

The California Institute of Technology invites applications for a tenure-track faculty position in Bioengineering. Bioengineering research at Caltech focuses on the application of engineering principles to the design, analysis, construction, and manipulation of biological systems, and on the discovery and application of new engineering principles inspired by the properties of biological systems.

Applications are invited in any area of bioengineering research. Candidates with strong commitments to research and teaching excellence are encouraged to apply. We expect to make the appointment at the assistant professor level, but consideration will be given to exceptionally well-qualified applicants at the associate and full professor levels. Initial appointments at the assistant professor level are for four years, and are contingent upon completion of the Ph.D. degree.

The Bioengineering Option ([http://www.be.caltech.edu](http://www.be.caltech.edu)) includes faculty from the Divisions of Engineering and Applied Science ([http://www.eas.caltech.edu](http://www.eas.caltech.edu)), Chemistry and Chemical Engineering ([http://www.che.caltech.edu](http://www.che.caltech.edu)), Biology ([http://www.biology.caltech.edu](http://www.biology.caltech.edu)), and Physics, Mathematics, and Astronomy ([http://www.pma.caltech.edu](http://www.pma.caltech.edu)).

**Application Instructions:** Applicants should electronically submit an application at: [http://www.be.caltech.edu/search](http://www.be.caltech.edu/search), including curriculum vitae; a statement of research interests; a statement of teaching interests; and up to three representative publications. Applicants should arrange to have four reference letters uploaded.

Application review will commence immediately and continue until the position is filled.

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**Academic Career Opportunities**

**Position Title: Instructor-Professor**

**Req #01475**

The Department of Biochemistry and Molecular Biology at The University of Chicago invites applications for positions on its faculty at any rank. We are interested in scientists with outstanding accomplishments in and potential for fundamental research in biochemistry and/or molecular biophysics, broadly defined, and a zest for teaching. The interests of these individuals should synergize with the research in this department and other relevant biomedical programs. Generous start-up support will be provided to prime a robust research program.

Applications must include a curriculum vitae that details all publications and accomplishments, as well as plans for future research, and a teaching statement. Applications must be submitted on-line by December 14, 2012 to [academiccareers.uchicago.edu/applicants/Central?quickFind=52517](http://academiccareers.uchicago.edu/applicants/Central?quickFind=52517). Those applicants for appointment as Assistant Professor should arrange for three letters of reference to be sent to the Search Committee, Department of Biochemistry and Molecular Biology, 929 E. 57th Street, Room W225, Chicago IL 60637 or to [BMB@bsd.uchicago.edu](mailto:BMB@bsd.uchicago.edu).

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

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**Dean**

**Graduate School for Biomedical Sciences and Professional Studies**

Drexel University College of Medicine, a leading academic medical research institution in Philadelphia and one of the premier metropolitan private research universities in the nation, seeks a scholar, scientist, educator, and innovative administrator for the position of Founding Dean of the newly established Graduate School for Biomedical Sciences and Professional Studies. The formation of the new school provides an exciting opportunity to build on the strengths of existing, vibrant, high quality programs in a student-centered environment. The key mission of this position is to provide leadership and effective management of the Biomedical, Graduate and Postgraduate Studies Programs and Professional Studies Programs in the Health Sciences of the College of Medicine. This includes quality oversight of all research-related educational and training activities and professional studies activities within the College. Applicants must hold a Ph.D.in the biomedical sciences, M.D. or equivalent degree and qualify for the rank of Professor. The successful candidate will have a proven track record in the conduct of funded biomedical research, in the training of MS, PhD, and MD-PhD students, and in the development, oversight and administration of graduate education programs. The applicant must provide evidence of a strong commitment to education and research and exhibit knowledge and understanding of what is needed in today’s environment to grow, integrate and sustain high quality, research and training programs in the biomedical sciences for a diverse graduate student body. The ideal candidate will have excellent skills in building relationships, communicating effectively, and inspiring others.

Nominations and applications (including a letter of interest and curriculum vitae) should be directed, to James Burns, PhD, Chair, Graduate School Search Committee, Drexel University College of Medicine, 245 N. 15th Street, MS 400, Philadelphia, PA 19102 or via e-mail to: apadolin@drexelmed.edu by December 15, 2012. Additional details can be found at [www.drexelmedjobs.com](http://www.drexelmedjobs.com). For further information about Drexel University College of Medicine, please visit [www.drexelmed.edu](http://www.drexelmed.edu).

*Drexel University is an Equal Opportunity, Affirmative Action Employer.*
SingHealth is the largest healthcare group in Singapore, offering a complete range of multi-disciplinary and integrated medical care through our network of 2 hospitals, 5 National Specialty Centres and 9 Polyclinics. SingHealth is looking for talented individuals with potential to join us in our quest for medical excellence. If you share our vision to be a Trusted Leader in healthcare, we want to hear from you. SingHealth invites applications for the position of

SENIOR MANAGER / ASSISTANT DIRECTOR
SINGHEALTH CENTRALISED INSTITUTIONAL REVIEW BOARD

Duties and Responsibilities
- Manage the Centralized Institutional Review Board (CIRB) in accordance with the department’s SOPs and applicable regulatory requirements
- Oversee day to day operations of CIRB including drawing up work plans, budgets and setting KPIs
- Prepare, review and maintain SOPs to ensure compliance with applicable rules and regulations
- Initiate new ideas, develop concepts and manage all aspects of projects and assignments, ensuring effective and timely execution, and successful outcomes
- Lead, manage, guide and mentor the CIRB’s team

Job Requirements
- Master’s degree in Biomedical Science or related discipline
- At least 8 years’ experience in IRB / research regulatory administration
- Extensive knowledge of human subjects regulations and an in-depth understanding of related regulatory, ethical and human research compliance principles
- Familiarity with ICH GCP, SGGCP and FDA regulations, especially in the area of safety reporting
- Extensive experience in clinical trials design, global and local clinical trials development processes and handling IRB accreditation standards and processes
- Good team leadership and managerial experience, with stakeholder management abilities
- Good analytical and organization skills, independent, resourceful with high emotional quotient

An attractive compensation package commensurate with experience and qualifications will be offered to the successful candidate.

Interested candidates should submit their curriculum vitae to: maria.yong@singhealth.com.sg by 15 December 2012.

We regret that only shortlisted candidates will be notified.

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RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT

Vice President

The Research Corporation for Science Advancement (RCSA) invites applications and nominations for the position of Vice President of the Corporation. The Vice President reports to the President and will carry out responsibilities of a corporate officer, working closely with the President and the Chief Financial Officer.

Founded in 1912, RCSA is the oldest foundation in the United States devoted wholly to science. It focuses on providing catalytic and opportunistic funding for high-risk scientific research and the development of academic scientists. The emphasis is on the physical sciences—chemistry, physics and astronomy—and closely related fields such as biochemistry and biophysics. RCSA’s main office is located in Tucson, Arizona.

The Vice President’s responsibilities will include leading the foundation’s scientific programs and peer review process, developing relationships with external communities—colleges, universities, federal agencies, and professional societies, managing the administrative staff, and serving as RCSA leader in the absence of the President.

For more information about the Corporation, please visit www.rescorpc.org. A complete search profile with information about RCSA and the desired attributes for the Vice President may be found at www.academic-search.com in the “Current Searches” Section.

NOMINATIONS AND APPLICATIONS: Review of nominations and applications will begin immediately, and nominations and expressions of interest will be welcomed until an appointment is made. The appointee is expected to take office in Fall 2013. Applications received by November 19, 2012, will be assured of full consideration; these should include a letter of interest, a curriculum vitae, and names of five professional references with e-mail addresses and telephone numbers. All submissions will be treated in confidence and should be sent electronically (MS Word format preferred) to: RCSAVP@academic-search.com.

The search committee is assisted by: Dr. R. Stanton Hales, Senior Consultant, Academic Search, Inc., rsh@academic-search.com • 707-545-2203.

RCSA is an Equal Opportunity Employer.

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Electrical and Systems Engineering

Tenured/Tenure-Track Faculty Positions

The Department of Electrical and Systems Engineering of the School of Engineering and Applied Science at the University of Pennsylvania invites applications for tenured and tenure-track faculty positions at all levels. Candidates must hold a Ph.D. in Electrical Engineering, Systems Engineering, or related area. The department seeks individuals with exceptional promise for, or proven record of, research achievement, who will take a position of international leadership in defining their field of study, and excel in undergraduate and graduate education. Leadership in cross-disciplinary and multi-disciplinary collaborations is of particular interest. We are interested in candidates in all areas that enhance our research strengths in:

1. Nanodevices and nanosystems (nanophotonics, nanoelectronics, integrated devices and systems at nanoscale),
2. Circuits and computer engineering (analog and digital circuits, emerging circuit design, computer engineering, embedded systems), and
3. Information and decision systems (communications, control, signal processing, network science, markets and social systems).

Prospective candidates in all areas are strongly encouraged to address large scale societal problems in energy, transportation, health, economic and financial networks, critical infrastructure, and national security. Diversity candidates are strongly encouraged to apply. Interested persons should submit an online application at http://www.ese.upenn.edu/faculty-positions including curriculum vitae, statement of research and teaching interests, and the names of at least four references. Review of applications will begin on December 1, 2012.

The University of Pennsylvania is an Equal Opportunity Employer. Minorities/Women/Individuals with Disabilities/Veterans are encouraged to apply.
The University of Texas (UT) at Arlington seeks an eminent scientist to lead its expanding programs in the Department of Psychology. A Ph.D. in psychological science is required, along with a proven record of excellence in research, teaching, and service. The successful candidate will have demonstrated academic leadership experience or show potential to assume such a role, as well as a clear vision for the development of the department as part of a rapidly expanding, research-oriented university. The position is offered at the rank of FULL PROFESSOR with tenure, with a start date as early as January 2013.

The successful candidate is expected to maintain a creative, independent, and externally funded research program, contribute to formal undergraduate and graduate teaching as necessary, engage in long-term strategic planning, and mentor junior faculty. The new chair will also play a leadership role in shaping future hiring, curriculum development, strengthening of doctoral studies, and growing the department’s research portfolio. In addition, the new chair will be expected to participate in interdisciplinary collaborations that leverage emerging strengths such as cognitive neuroscience and imaging, and build bridges with regional medical institutions (University of Texas Southwestern Medical Center, University of North Texas Health Science Center, Baylor University Medical Center). We especially seek a psychologist working in the areas of health psychology, cognitive neuroscience, or related areas; however, all areas will be considered. The ideal candidate will be one who has a broad understanding and appreciation of research areas across psychological science, and who is capable of fostering interdisciplinary initiatives and collaborations. The ability to promote and support an applied perspective of psychology to enhance the natural and interrelated relationships between science and practice is also highly desirable. Women and minorities are strongly encouraged to apply.

UT Arlington, situated on a cloistered, urban campus in the Dallas-Ft. Worth Metroplex, is a vital and diverse academic community of over 33,000 undergraduate and graduate students working together with faculty committed to outstanding teaching, research, and scholarship. The Psychology Department is home to M.S. and Ph.D. programs focusing on several areas of psychology (neuroscience, health, developmental, social/personality, industrial/organizational), as well as a vibrant undergraduate program. Additional information can be found at website: http://www.uta.edu/psychology/index.htm.

Completed applications should consist of curriculum vitae, a statement of research interests and goals, a statement of teaching interests and evidence of teaching quality, a statement of leadership experience or potential, and the names and contact information of at least five references.

Review of applications will begin November 9, 2012, but applications will be accepted until the position is filled. A criminal background check will be conducted on finalists. Inquiries about this position may be directed to Dr. James Grover (e-mail grover@uta.edu, telephone 817-272-9495), or Ms. Amy Osborn (e-mail osborn@uta.edu, telephone: 817-272-3444). We prefer applications in Adobe PDF format submitted electronically to e-mail: osborn@uta.edu. Print applications can be mailed to Psychology Chair Search Committee, 501 S. Nedderman Dr., Box 19047, Arlington, TX 76019.

UT Arlington is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply. The use of tobacco products is prohibited on UT Arlington properties.
Vice President of Research and Collections

For more than 110 years, the Denver Museum of Nature & Science has served as a catalyst for curiosity by conducting scientific research, preserving precious artifacts and specimens, displaying the wonders of our natural world, and offering lifelong science education. Last year, we welcomed 1.4 million visitors onsite and at offsite Museum programs. Exhibitions at the Museum offer enriching experiences that bring science, nature, and culture to life. Seeing the “real thing” is what visitors remember long after their visit has ended—everything from real collections to real discoveries, like the Museum’s largest-ever fossil excavation, The Snowmastodon Project, which is providing new scientific information about the evolution of life in the Rockies and beyond.

DMNS has a rare opportunity for a visionary scientist to provide leadership for the Museum to ensure quality scientific research, appropriate stewardship of collections, and to support dynamic educational programming and exhibition content. Reporting to the CEO, the Vice President of Research & Collections is the top scientific executive in the institution. The VP will provide forward-thinking leadership which will drive focus, efficiency, and innovation, to ensure a robust scientific core that allows the Museum to be positioned for the future. The VP will play an active role in fundraising for museum projects and fostering productive and long-lasting donor relationships. Additionally, the VP leads the Museum’s public trust responsibilities by ensuring legal accountability and long-term preservation of collections. This individual will oversee an operating plan that incorporates annual and long-term goals, objectives, and strategies for the branches of Earth & Space Sciences, Zoology & Health Sciences, Anthropology, and Preservation & Documentary Resources.

Ideal Candidate: Accomplishing this critically important task will require a PhD-holding scientist with a nationally recognized current or past research program. The Vice President position requires a leader of exceptional vision, experience, and personal integrity with a passion for education and great science. This individual will bring at least 10 years of progressive administrative management and leadership experience, solid fundraising skills, media relations experience, a background in informal science education and an understanding of the legal and ethical issues surrounding collections. Additionally, the ideal candidate has a distinguished record of excellence and experience in leading and managing teams to produce results consistent with organizational mission and vision for the future. If you are interested in applying for this position or would like to nominate a candidate, please send your current CV along with a letter of interest to VPRCD@dmns.org. Initial applicant review will begin on October 31, 2012.

The Denver Museum of Nature & Science is an Equal Opportunity Employer. The Museum is dedicated to the goal of building a culturally diverse staff committed to serving the needs of all our visitors.

The Abramson Family Cancer Research Institute Faculty Position

The Abramson Family Cancer Research Institute at the Perelman School of Medicine at the University of Pennsylvania seeks candidates for a Full or Associate Professor position in the tenure track. Rank will be commensurate with experience. Applicants must have an M.D. or M.D./Ph.D. or equivalent degree. Board certification is preferred.

This is a joint recruitment of the ACFRI and the Division of Hematology-Oncology in the Department of Medicine. We are seeking candidates who are maintaining an independent, extramurally funded research program on mechanisms of hematologic malignancies and/or solid tumorogenesis and progression. Current strengths within the Penn Cancer Community include investigation into the basic mechanisms of cancer metabolism, the tumor microenvironment, epigenetics, responses to stress and/or DNA damage, immune cell responses to pancreatic, breast, melanoma, and other malignancies, tumor dormancy, metastasis, and developmental therapeutics.

The faculty appointment will be in the Department of Medicine and the successful candidate will hold an independent leadership position within the ACFRI, as well as play a critical role in the recruitment of future faculty to the Hematology-Oncology Division led by Lynn Schuchter, M.D. Additional information can be found at http://www.med.upenn.edu/hematology-oncology/

The Abramson Family Cancer Research Institute (ACFRI) was established in 1997 through an initial $100 million gift from Leonard and Madlyn Abramson. Since that time, the Abramson Foundation has committed an additional $225.5 million towards the ACFRI, which serves as a forum for integrating cancer research, education, and patient care in partnership with the Abramson Cancer Center at the University of Pennsylvania led by Chi Van Dang, M.D., Ph.D. The ACFRI seeks to promote basic science excellence, while transforming scientific breakthroughs into innovative treatments as quickly as possible. As Scientific Director of the ACFRI, the successful candidate will lead a team of 200+ researchers, among whom are significant leadership roles across undergraduate, graduate, medical, and postdoctoral training at the University of Pennsylvania. Additional information about the ACFRI can be found at www.acfri.upenn.edu.

Dr. Celeste Simon is the Chair of the Search Committee. Position will remain open until filled. We seek candidates who embrace and reflect diversity in the broadest sense.

The University of Pennsylvania is an equal opportunity, affirmative action employer.

Apply for this position online at: http://www.med.upenn.edu/apps/facultyadindex.php?g323/d3049

7 Positions at The RNA Institute at the University at Albany

ADVANCED COMPUTATIONAL FACILITY LAB MANAGER: supervise High Performance Compute (HPC) facility; provide team leadership; conduct and support RNA computational research in structure/function relationships; learn and adapt technologies, provide analysis, integrate, innovate and deliver results supporting human disease research. Vacancy announcement in its entirety and apply online at: http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=34949

ADVANCED INSTRUMENTATION FACILITY LAB MANAGER: supervise and support high end instrumentation for RNA research; provide team leadership in collaborations to support researchers with high end instrumentation, methods and analysis; discover, learn and adapt technologies, provide analysis, integrate, innovate and deliver results supporting human disease research. Vacancy announcement in its entirety and apply online at: http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=34918

Qualifications: Ph.D. from accredited U.S. university or equivalent from a foreign university and 3+ years related experience with 1 year prior supervisory experience in a team-oriented, collaborative, multi-project environment. Preferred: productive postdoctoral training and demonstrated ability to obtain independent, extramural funding.

ADVANCED INSTRUMENTATION FACILITY ASSISTANT LAB MANAGER: assist with oversight and management of shared Advanced Instrumentation Facility and Radiochemical Facility; maintain lab infrastructure related to the operation of RNA specialized lab; make lab as usable and flexible as possible. Qualifications: B.S. (Master’s preferred) in biology/chemistry/molecular biology/microbiology and 2 years postgraduate in academic/industrial biochemical labs. Vacancy announcement in its entirety and apply online at: http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=34948

POSTDOCTORAL ASSOCIATES – BIOCHEMISTRY/STRUCTURAL CELL & MOLECULAR BIOLOGY: 4 positions in various research projects and collaborations conducting research on RNA, RNA interactions, and RNA imaging reporting to Director, Paul F. Agris. Supervise and support instrumentation use in RNA lab. Vacancy announcement in its entirety and apply online at: http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=34893


All applicants must possess excellent organizational, verbal, written and interpersonal skills. In applying candidates address their ability to work with and instruct a culturally diverse population. Application review begins immediately and continues until positions are filled.

The University at Albany is an EEO/AA/IRCA/ADA employer.
RESEARCH ASSISTANT PROFESSOR
SUNY Upstate Medical University

The Department of Urology at SUNY Upstate Medical University, College of Medicine, is seeking a candidate for a position of Research Assistant Professor to conduct basic research in the field of urologic oncology. Candidates should have a Ph.D. and/or M.D. and postdoctoral research experience. Ample opportunities for collaboration with basic and clinical scientists interested in cancer research are available. Candidates will be expected to seek extramural funding, but an attractive startup package will be provided.

Please forward curriculum vitae, summary of research interests, and names of three references to Barbara McConnell at e-mail: mcconnel@upstate.edu.

POSITIONS OPEN

ASSISTANT PROFESSOR in The Department of Cell Biology
Harvard Medical School

The Department of Cell Biology at Harvard Medical School invites applications for a Tenure-Track Assistant Professor faculty position in the area of metabolism. Candidates must have Ph.D., M.D., or equivalent degrees and a record of outstanding research productivity. Areas of interest include the regulation of metabolism at the biochemical, cellular or organismal levels; the integration between metabolism and other cellular or developmental processes; and interactions with their role in disease. The Department offers ample laboratory space and a highly competitive startup package. Please visit our website: http://cellbio.med.harvard.edu/ for more information about the department.

Please submit curriculum vitae, a two-page summary of past accomplishments and research plans, and three references to Barbara McConnell by November 10, 2012 to: http://academicpositions.harvard.edu/postings/4327

Harvard Medical School is an Equal Opportunity/Affirmative Action Employer.

TWO ASSISTANT PROFESSOR POSITIONS
Department of Chemistry and Biochemistry
Florida State University

The Department of Chemistry and Biochemistry at Florida State University (FSU) invites applications for two tenure-track positions at the Assistant Professor level beginning fall 2013. Successful candidates are expected to develop an internationally recognized, externally supported research program and to teach undergraduate and graduate courses. Applicants should have a Ph.D. in Chemistry or related field.

One position is in advanced measurement technologies, especially those developing/utilizing biochemical techniques with an emphasis on sensors, separation, optical and magnetic resonance spectroscopy, and mass spectrometry. Applications should be sent to e-mail: expptsearch@chem.fsu.edu. Review of applications will begin October 15 and continue until the position is filled.

The second position is in theoretical/computational chemistry. The Department is particularly interested in individuals with research interests in developing and applying emerging theoretical/computational methods to tackle chemical or biochemical problems related to human health, energy, or materials. Applications should be sent to e-mail: theory_search@chem.fsu.edu. Review of applications will begin November 9 and continue until the position is filled.

To be considered for these positions, send curricula vitae, research plans, a statement of teaching philosophy and interests, and three letters of recommendation electronically or by mail to: Faculty Search, Department of Chemistry and Biochemistry, Florida State University, 95 Chicotian Way, Tallahassee, FL 32306-4590. Florida State University is a Public Records Agency and an Equal Opportunity/Affirmative Action Employer; minority candidates and women are especially encouraged to apply.

POSITIONS OPEN

The Morehouse School of Medicine Department of Physiology is soliciting applications from excellent candidates in the field of physiology to join our faculty at the ASSOCIATE or FULL PROFESSOR level. We are seeking to expand upon our current strengths in gastrointestinal physiology, cardiovascular physiologic, reproductive endocrinology, and renal physiology. A Ph.D. or M.D. in a related field and independent research experience is required. The ideal applicant should have current extramural support for independent research projects and a strong publication record. The successful candidate should also have excellent teaching skills that will contribute to our dynamic educational programs. Please address inquiries to:

Gianluca Tosini, Ph.D., Interim Chair, Department of Physiology
Morehouse School of Medicine
720 Westview Drive, MEB 580
Atlanta GA 30310
Phone: 404-752-1680
E-mail: gtosini@msm.edu

Applications must be submitted in electronic format. Please submit curriculum vitae, at least three references for letters of recommendation, and statements of research and teaching interests to the Chairperson. Final determination of candidacy will be based upon a successful interview. Minorities, women, persons with disabilities, and Veterans are encouraged to apply at the Morehouse School of Medicine where there is a strong commitment to Equal Employment Opportunity.

ECOLOGIST

The Department of Biological Sciences at Bowling Green State University (BGSU) seeks applicants for an ASSISTANT PROFESSOR level, tenure-track Ecol- ogist who addresses questions at large spatial scales. We welcome candidates who focus on landscape ecology (terrestrial or aquatic), spatial analysis of ecological processes, implications of changing land use on ecological communities and ecosystems, or other spatial dynamics. Applicants with postdoctoral expertise and research expertise that complements existing strengths in population and conservation ecology are preferred. Successful candidates are expected to develop a highly productive, externally funded research program, as well as a contribu- tion to the teaching missions of our Ph.D.-M.S. program (90 students) and undergraduate program, which in- cludes a Specialization in Ecology and Conservation Biology. To apply, electronically submit cover letter, cur- riculum vitae, a statement of research plans and teaching philosophy/experience, representative publications, and three reference letters to e-mail: dmdean@bgsu.edu or by mail to: Ecologist Search Committee, Department of Biological Sciences, BGSU, Bowling Green, OH 43403-0208 by November 16, 2012. A background check is required for employment. Questions? Contact Karen Root at e-mail: kvroot@bgsu.edu. Further information about our department can be found at: http://www.bgsu.edu/departments/biology.

BGSU is an Affirmative Action/Equal Opportunity Employer/ Educator and encourages applications from women, minorities, veterans, and persons with disabilities.

BAYLOR COLLEGE OF MEDICINE
Houston, TX

Baylor College of Medicine seeks an ASSISTANT PROFESSOR in Houston, Texas. Requirements: Ph.D. in Molecular Biology, three plus years experience with viral propagation in human and animal models. Travel Requirement: 10% domestic travel to attend conferences. Apply online at website: http://www.medschooljobs.org. Use job code 224835EH.

Baylor College of Medicine is an Equal Opportunity, Equal Access/Affirmative Action Employer.
Call for Nominations: Scolnick Prize in Neuroscience

The McGovern Institute for Brain Research is accepting nominations for the 10th annual Edward M. Scolnick Prize in Neuroscience. The Prize recognizes an outstanding discovery or significant advance in the field of neuroscience. The prize is $100,000. The recipient presents a public lecture at MIT, hosted by the McGovern Institute and followed by a dinner in Spring 2013.

Nomination Deadline: December 15, 2012

Nomination procedures: Candidates for the award must be nominated by individuals affiliated with universities, hospitals, medical schools, or research institutes, with a background in neuroscience. Self-nomination is not permitted.

Each nomination should include: • A biosketch or CV of the nominee • A letter of nomination with a summary and analysis of the major contributions of the nominee to the field of neuroscience • Up to two representative reprints will be accepted.

Selection Procedure: Members of the selection committee and faculty affiliated with MIT are not eligible. Announcement of the award recipient will be made in February 2013. Recipient must attend all events to be awarded the prize.

Past Scolnick Prize Recipients:
2004: Dr. Masakazu Konishi, California Institute of Technology
2005: Dr. Judith L. Rapoport, National Institutes of Mental Health/NIH
2006: Dr. Michael E. Greenberg, Children’s Hospital/HMS
2007: Dr. David Julius, University of California, San Francisco
2008: Dr. Michael Davis, Emory University School of Medicine, Atlanta
2009: Dr. Jeremy Nathans, Johns Hopkins University
2010: Drs. Lily and Yuh-Nung Jan, UCSF
2011: Dr. Bruce McEwen, The Rockefeller University
2012: Dr. Roger Nicoll, University of California, San Francisco

Send nomination packet to:
Attn: Scolnick Prize Nomination
McGovern Institute for Brain Research
Massachusetts Institute of Technology
77 Massachusetts Avenue 46-3160
Cambridge, MA 02139; or gwolf@mit.edu

For more information: http://mcgovern.mit.edu

World Stem Cell Summit 2012
December 3 – 5 | West Palm Beach, Florida

make new contacts, build your network.
The Summit provides an ideal setting for networking, drawing people from over 25 countries in cross-disciplinary pursuits. Primary researchers to philanthropists and policy makers will all be there.

forge relationships. In addition to 65 hours of speaker presentations and ongoing exhibitions, the Summit provides a variety of small group events and social opportunities for fostering one-on-one interactions.

discover what’s new. Learn about the latest research, challenges in translational medicine and future areas of promise. Help to advance the science.

For your career in science, there’s only one

ScienceCareers.org

Career advice | Job postings | Job Alerts | Career Forum
Crafting resumes/CVs | Preparing for interviews
POSTDOCTORAL FELLOWS
The Ansari ALS Center for Stem Cell and Regeneration Research at Johns Hopkins University is seeking two postdoctoral fellows in the following fields: (1) to study stem cell transplantation from IPS cells and fetally derived neural stem cells in models of neurodegenerative disease with an emphasis on motor neuron diseases (ALS). The fellowship will use stem cell methodologies to both investigate disease pathogenesis as well as therapeutics. Preference will be given to candidates whose research is related to the pathogenesis of neurodegenerative disorders and/or stem cell biology. (2) to study molecular mechanisms of muscle atrophy in chronic denervation. Experience in regeneration studies in the peripheral nervous system is desirable but not required. Experience in muscle biology and bioinformatics is preferable.

Interested candidates should have a Ph.D. or M.D. degree, and a demonstrated capacity to perform creative and original research. Applicants interested in the stem cell position should send their resumes electronically to Dr. Nicholas J. Maragakis at e-mail: nmaragak@jhmi.edu. Applicants interested in the muscle position should send their resumes electronically to Dr. Ahmet Hoke at e-mail: ahoke@jhmi.edu.

SYSTEMATIC BOTANIST (Research Botanist)
The Department of Botany seeks a systematic botanist for a full-time research position, initially as a four-year term appointment. Candidates should have a Ph.D. in botany with expertise in plant systematics, ideally with experience in fieldwork and museum collections. The successful candidate will lead extensive studies of a taxon of global importance, with a focus on biogeography, biodiversity, and conservation. Salary: $40,000-45,000, depending on experience. Review of applications begins January 1, 2013. For more information, contact Dr. Neil Hogg at neil.hogg@jhu.edu. To apply, submit a letter of interest and curriculum vitae through JHU’s electronic application system at http://jobs.jhu.edu.

FACULTY POSITIONS - MEDICAL SCHOOL
The Saint James School of Medicine, an international medical school (website: http://www.sjsm.org), invites applications from candidates with teaching and clinical experience to fill faculty positions in the basic sciences for its Caribbean campuses. Faculty positions are currently available in Anatomy, Physiology, Pathology, Microbiology, and Pharmacology. Applicants must be M.D., D.O., and/or Ph.D., or have equivalent qualifications. Experience in medical education with a U.S. system is desirable but not required. Retired persons are encouraged to apply. Attractive salary and benefits. Submit curriculum vitae electronically to e-mail: mjansen@mail.sjsm.org or mail to: HRDS Inc., 1480 Renaissance Drive, Suite 300, Park Ridge, IL 60068.

POSTDOCTORAL POSITIONS
The Chemistry Department at the University of Kansas invites qualified Ph.D. chemists to submit applications, which will be reviewed by individual faculty members. Successful candidates will be placed in a pool for consideration for research positions in all fields of chemistry and related areas. To see a list of faculty members and their research opportunities please visit the following website: http://www.chem.ku.edu/faculty. For a complete list of chemistry degrees offered and to apply to the website: http://jobs.ku.edu and search for “Chemistry” Even Opportunity Employer Minorities/Females/Persons with Disabilities/Veterans.