Release The Power of Science

Science Careers
Classification Advertising

For full advertising details, go to ScienceCareers.org and Click For Employers, or call one of our representatives.

UNITED STATES & CANADA
E-mail: advertise@sciencecareers.org
Fax: 202-289-6742
Daryl Anderson
US Sales Manager
Phone: 202-326-6543
Tina Burks
Midwest/Canada
Phone: 202-326-6577
Alexis Fleming
East Coast
Phone: 202-326-6578
Nicholas Hintibizde
West Coast/South Central
Phone: 202-326-6533
Online Job Posting Questions
Phone: 202-326-6577

EUROPE & INTERNATIONAL
E-mail: ads@science-int.co.uk
Fax: +44 (0) 1223 326532
Tracy Holmes
Associate Director, Science Careers
Phone: +44 (0) 1223 326525
Alex Palmer
Phone: +44 (0) 1223 326527
Dan Pennington
Phone: +44 (0) 1223 326517
Susanne Kharraz Tavakol
Phone: +44 (0) 1223 326529
Lisa Patterson
Phone: +44 (0) 1223 326528

JAPAN
ASCA Corporation
Jie Chin
Phone: +81-3-6802-4616
Fax: +81-3-6802-4615
E-mail: careerads@sciencemag.jp

To subscribe to Science:
In US/Canada call:
202-326-6417 or 1-800-731-4939.
in the rest of the world call:
+44 (0) 1223 326515.
Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US and non-US law. Since we are an international journal, you may see ads from non-US countries that request applications from specific demographic groups. Since US law does not apply to other countries, however, we encourage our readers to alert us to any ads that they feel are discriminatory or offensive.

Science Careers
From the journal Science

Science Careers

TENURE-TRACK FACULTY POSITION in “Biochemistry of Photosynthetic Organisms” Department of Biochemistry and Molecular Biology

The Department of Biochemistry and Molecular Biology at Michigan State University seeks to recruit an ASSISTANT PROFESSOR to study any aspect of primary or secondary metabolism in photosynthetic model organisms, including plants, algae, or photosynthetic bacteria. Applications from individuals whose work integrates biochemical, genetic, physiological, genomics, or systems biological approaches are especially encouraged. A broad range of specific topics will be considered to enhance MSU’s excellence in plant biochemistry (website: http://www.bch.msu.edu/research/plant/plant.htm) and complement our parallel search for a senior professor in the area of photosynthetic energy capture. The successful candidate will be expected to develop a vigorous, independent research program supported by extramural funding and contribute to undergraduate and graduate teaching. Michigan State University has a large and vibrant community of plant biologists, has state-of-the-art analytical core facilities, and co-leads the Great Lakes Bioenergy Research Center. Applications should include: cover letter, curriculum vitae, statement of research interests and future directions, and three or more letters of reference. Application materials should be sent electronically to e-mail: plantbiochem@ans.msu.edu.

Review of application materials will begin on December 1, 2009, and continue until a suitable applicant is identified. Questions regarding this position may be sent to Christoph Benning, Chair, Search Committee, e-mail: benning@msu.edu.

Michigan State University is an Affirmative Action, Equal Opportunity Employer. MSU is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans, and persons with disabilities.

ASSISTANT PROFESSOR OF CHEMISTRY
University of Wisconsin–Madison

The Department of Chemistry of the University of Wisconsin–Madison anticipates opening for a faculty position to begin in August 2010. We seek outstanding candidates at the Assistant Professor level (tenure track) in all areas of chemistry including chemical education. Candidates must have a Ph.D. in chemistry or a related field; postdoctoral experience is desirable. The position requires development of an internationally recognized program of scholarly research as well as excellent teaching at both the undergraduate and graduate levels. Please submit curriculum vitae and concise description of research plans online at website: http://www.facerecruit.chem.wisc.edu. Three letters of recommendation will also be required through the online service directed to: Chair, Faculty Search Committee, Department of Chemistry, University of Wisconsin–Madison, 1101 University Avenue, Madison, WI 53706-1322. To guarantee full consideration, all materials must be received by November 25, 2009.

The University of Wisconsin is an Equal Opportunity Affirmative Action Employer; applications from qualified women and minority candidates are encouraged. Unless confidentiality is requested in writing, information regarding the identity of the applicant must be released on request. Finalists cannot be guaranteed confidentiality. A background check may be required prior to employment.

HUMBOLDT STATE UNIVERSITY
Department of Fisheries Biology


CELLULAR ELECTROPHYSIOLOGY RESEARCH ASSOCIATE, Yale University. Position available at Yale University School of Medicine, within multidisciplinary research group (molecular and cellular biology, hemodynamics, pharmacologists, pain physiologists) for a Cellular Electrophysiologist, at POSTDOCTORAL or ASSOCIATE RESEARCH SCIENTIST level. Incumbent will be expected to play a significant role in analysis of roles of ion channels in echocardiography in model and human cardiac neurons. Ph.D. and/or M.D. degree and substantial experience with patch clamp, in voltage clamp and/or current clamp modes, is essential. Experience with cell transfections is desirable. Send statement of interest, curriculum vitae, and three letters of reference to: Stephen G. Waxman, M.D., Ph.D., Director, Neuroscience and Regeneration Research Center, VA Connecticut (127A), 950 Campbell Avenue, West Haven, CT 06516. E-mail: stephen.waxman@yale.edu. Women and members of under-represented minority groups are encouraged to apply. Affirmative Action/Equal Employment Opportunity.

FACULTY POSITION in Environmental Microbiology

The Department of Civil and Environmental Engineering at Northwestern University invites applications for a tenure-track position in environmental microbiology. We seek outstanding candidates working on genomic approaches to complex microbial systems present in either the engineered or the natural environment. The successful candidate will be involved in cross-school initiatives between the Engineering, Science, and Medical Schools and should be eager to work in multidisciplinary collaborations.

Applications should submit their application electronically as a single PDF document containing: a cover letter, curriculum vitae, a one-page summary of previous research contributions, a three-page description of plans for future work, a one- to two-page description of teaching interests, and a list of at least three persons who will write letters of recommendation. Application materials should be submitted to the Search Committee Chair via the website: http://www.civil.northwestern.edu/employment/microbiology.html or via e-mail: a-levy@northwestern.edu.

It is anticipated that this position will be filled at the junior level, but outstanding senior candidates with exceptional records are encouraged to apply. The Search Committee will start reviewing applications on November 15, 2009.

Northwestern University is an Affirmative Action Equal Opportunity Employer. Women and individuals in underrepresented groups are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

ASSISTANT, ASSOCIATE, FULL PROFESSOR Computational Biology and Bioinformatics

Applications are invited for a tenure-track position in computational biology in Cornell University’s Computer Science Department. The position could be at the Assistant, Associate, or Full Professor level, depending on experience. Applicants must possess a Ph.D. in computer science, or a Ph.D. in a related field and sufficient expertise in computer science to fit within a computer science department. Outstanding applicants in all areas of computational biology will be considered, but research areas of special interest include evolutionary, comparative, and population genomics; applications of new high-throughput genomic or proteomic technologies; dynamical behavior at the subcellular and cellular levels; networks in biological systems; and applications of machine learning to biological problems. To ensure full consideration, applications should be received by December 15, 2009. In all areas of computational biology they will be accepted until the position is filled. Applicants should submit curriculum vitae and a research statement and should arrange to have three reference letters submitted, all at website: http://www.cs.cornell.edu/apply.
Department of Health and Human Services  
National Institutes of Health  
Intramural Research Programs  
NCI, NEI, NHLBI, NIAID, NIDDK, NIMH, NINDS and CIT  
Bethesda, MD  

Tenure Track/Tenured Positions  
In Systems Biology

The NIH Intramural Research Program (IRP) is recruiting outstanding systems biologists at the tenure-track or tenured levels. These individuals will direct independent research programs on the NIH campus in Bethesda, MD and participate in a Trans-NIH Initiative in Systems Biology promoting interaction between experimentalists, theoreticians and computational investigators. Candidates will have demonstrated an ability to conduct outstanding independent biomedical research on key topics in systems biology such as computational modeling of biological processes at various scales, analysis of global datasets, construction and analysis of biological networks, and ‘omic’ scale interrogation of biological systems. The internationally recognized NIH faculty covers a wide range of basic and clinical research topics with a growing strength, support and emphasis on systems biology and informatic approaches to biomedicine.

The NIH IRP promotes creative and innovative science unconstrained by the conventional support mechanisms demanded at academic or private research institutions. Investigators have ready access to and support from state-of-the art experimental and computational cores and facilities, and a variety of programs to recruit graduate students and post-doctoral fellows. Candidates must have an M.D. and/or Ph.D., or equivalent doctoral degree, and an outstanding record of research accomplishment and peer-reviewed publications. Recruits will be provided a competitive salary commensurate with experience and qualifications, and will be assigned ample research space, supported positions, operating budget, and start-up funds. Appointees may be US citizens, resident aliens, or eligible foreign nationals. Review of applications will commence on Nov 1, 2009 and continue until the positions are filled. Please submit a curriculum vitae, brief (not to exceed 3 pages) statement of research interests that includes how you see your research group helping to create a world-class, integrated systems biology effort at NIH, and three letters of reference in .pdf or MS word format only (no paper applications will be accepted) to: http://tenuretrack.nih.gov/apply/  

National Institutes of Health  
National Institute of Arthritis and Musculoskeletal and Skin Diseases, Intramural Research Program

Tenured/Tenure-Track Investigator(s)

The Intramural Research Program of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) of the National Institutes of Health (NIH) in the Department of Health and Human Services (DHHS) is recruiting outstanding tenure-track and/or senior (tenured) scientists (M.D., Ph.D, or M.D./Ph.D) active in any of the following areas relevant to musculoskeletal biology or diseases:

- Basic, Translational and Clinical Research in Orthopaedics, Bone, Cartilage, or Muscle
- Nanotechnology related to Bone, Cartilage, Tendon/Ligaments, or Muscle
- Biology of inducible pluripotent stem (iPS) and mesenchymal stem cells for the study of human disorders
- Biological/Tissue Engineering
- Regenerative Medicine

Emphasis will be placed on the applicants’ demonstrated track record of high-quality research and the originality and promise of their future plans. Successful applicants will be expected to develop energetic, creative, independent research programs within an existing highly interactive scientific environment. The ideal candidate would benefit from pre-existing expertise within NIAMS.

This position(s) is located on the NIH campus in Bethesda, Maryland, a suburb of Washington, D.C. NIAMS and the NIH offer tremendous depth and breadth of intellectual and technological resources, as well as opportunities for collaboration with investigators both within and outside of the NIH. NIAMS is also a major user of the NIH Clinical Research Center, a state-of-the-art research hospital on the campus of the NIH in Bethesda, Maryland. The research environment is highly conducive to advancing basic and translational research and highly collaborative, encouraging multidisciplinary and interdisciplinary team science.

The mission of NIAMS is to support research into the causes, treatment, and prevention of arthritis and musculoskeletal and skin diseases, the training of basic and clinical scientists to carry out this research, and the dissemination of information on research progress in these diseases.

Applicants should submit a cover letter that includes a short research interest statement (two page maximum), a curriculum vitae and complete bibliography, along with complete contact information of three referees. Applications should be submitted by February 1, 2010.

Applications should be submitted to: Mrs. Wanda White – RE: Musculoskeletal Initiative, Building 31 Room 4C-12, 9000 Rockville Pike, Bethesda MD 20892, Email: whitewan@mail.nih.gov
Tenure-Track/Tenured Investigator Laboratory of Immunology

The Laboratory of Immunology (LI), Division of Intramural Research, National Institute of Allergy and Infectious Diseases, National Institutes of Health (NIH) invites applications for a tenure-track/tenured investigator position in immunology. Applicants should have a Ph.D., M.D., or equivalent degree; an outstanding record of postdoctoral accomplishment; and an interest in any area of biomedical research related to immunology.

Specifically, we seek a highly creative individual who will establish an independent, world-class research program that takes full advantage of the special opportunities afforded by the stable, long-term funding of the intramural research program at NIH. She or he should be interested in developing and applying novel approaches to the study of problems of major biological and/or medical importance, which could include a significant clinical or translational effort in addition to bench research. In the former case, the successful candidate would have access to the NIH Clinical Center, a state-of-the-art research hospital on the NIH campus in Bethesda, MD, and ample opportunity to participate in the activities of the Trans-NIH Center for Human Immunology.

Generous ongoing support for salary, technical personnel, postdoctoral fellows, equipment, and research supplies will be provided. Available core or collaborative facilities include flow cytometry, advanced optical imaging, microarray generation and analysis, high throughput sequencing, computational biology, production of transgenic and gene-manipulated mice, biosafety level (BSL)-3 facilities, chemical genomics, and support for projects involving RNAi screening. The successful applicant will also have access to Trans-NIH initiatives involving technology development, translational investigation, and multidisciplinary science. In addition to an outstanding international postdoctoral community, a superior pool of graduate and undergraduate students is available to the successful applicant.

LI has a distinguished history of accomplishment in immunology. We strongly encourage application by outstanding investigators who can continue and enhance this record of achievement. Current LI investigators are Ronald Germain, Michael Lenardo, David Margulies, Stefan Muljo, William Paul, Ethan Shevach, and Tsan Xiao.

To apply, e-mail curriculum vitae, bibliography, and outline of a proposed research program (no more than two pages) to Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov. In addition, three letters of reference must be sent directly from the referee to Drs. Giorgio Trinchieri and Dan Kastner, Co-Chairs, NIAID Search Committee, c/o Ms. Yushekia Hill, at NIAID.DIR.Search@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, MD 20892-1356. E-mail is preferred. Applications will be reviewed starting 11/16/09 and will be accepted until the position is filled. Please refer to ad #028 on all communications. For further information about this position, contact Dr. William Paul at 301-496-5046 or wpaul@niaid.nih.gov.

A full package of benefits (including retirement and health, life, and long-term care insurance) is available. Women and minorities are especially encouraged to apply. U.S. citizenship is not required.

To learn more about NIAID and how you can work in this exciting research organization, please visit us on the web at www.niaid.nih.gov/careers/sti.
Open Recruitment of a Tenure-Track Assistant Professor

Kumamoto University is seeking for an outstanding young researcher as a specially appointed assistant professor. Sufficient research space in a fully equipped new building, research funds (¥ 2 million per year), start-up funds (¥ 5 million), as well as his/her own office, will be provided. A research assistant may also be assigned. After 4 years employment until March 2014, it will be evaluated whether he/she will be promoted to “Associate Professor”, in addition to annual assessments.

Candidates with outstanding CVs and research interest in the following research fields will be considered: Developmental and regenerative medicine, Translational research, Bioimaging, Systems biology, Stem cells, Cell differentiation, and Organogenesis. The selected researcher can pursue his/her own research independently, while interacting with the closely located Institute of Molecular Embryology and Genetics (IMEG), and the global Center for Excellence (COE).

Detailed information on the Institute and its activities can be found at: http://www.imeg.kumamoto-u.ac.jp/en/index.html and http://www.g-coe.org/

Application Deadline: October 30, 2009 (Friday).
Employment: through March 2014.
Salary: Approximately ¥ 7 million per year
Applications: Applications should include curriculum vitae, academic achievements, 5 copies of main research papers, outline of the research and three references. Submit applications by mailing to: Research Cooperation Section, Kumamoto University, Kurokami 2-39-1, Kumamoto City, Kumamoto Prefecture, 860-8555 (Application is not acceptable through our web site)
Inquiries: k-senryaku@jimu.kumamoto-u.ac.jp

Human Genetics Professor

The NIH-supported Institute for Clinical & Translational Research (ICTR) – a partnership among the Schools of Medicine & Public Health, Pharmacy, Veterinary Medicine, Nursing, and the College of Engineering – invites applications from a PhD and/or MD with a proven record in research and extramural funding. This recruitment is the anchor for a Cluster Hire dedicated to human genetics research and its application to human disease.

This tenured genetics leader will develop a well-funded research program, working closely with ICTR on the rapid translation of genetics and genomics-based findings to advance early detection, diagnosis, and treatment of complex diseases. We welcome candidates with expertise in human genetics, genetic epidemiology, computational biology, and related fields. See complete details at www.ictr.wisc.edu/employment.

Send application materials, noting PVL # 62591, to:
Paulette Sacksteder, Administrative Director
UW-Madison ICTR, 4248 HSLC
750 Highland Avenue, Madison, WI 53705

The UW-Madison is an AA/EEO employer. Wisconsin open records and caregiver laws apply. A criminal background check will be conducted prior to an offer of employment.
PICTURE YOURSELF AS A AAAS SCIENCE & TECHNOLOGY POLICY FELLOW

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

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

Apply.
The application deadline for the 2010-2011 AAAS Fellowships is 15 December 2009. Fellowships are awarded in the spring and begin in September. Stipends range from $73,000 to $95,000.

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

Full details at: fellowships.aaas.org

Enhancing Public Policy, Advancing Science Careers

Kwabena Yiadom, PhD
Chemistry, Georgetown University
2004-05 AAAS Fellow at the U.S. Department of Defense, International Technology Programs Office
Now an operational research analyst at the U.S. Department of Defense, Office of the Secretary of Defense
Faculty Search

The Stowers Institute seeks exceptional scientists at all levels to lead independent research programs using approaches in the areas of biochemistry, biophysics, cell biology, computational biology, development, genetics, genomics and neurosciences.

We offer substantial start-up packages and continuing intramural research support with access to core facilities that provide advice, training and service to enhance the Institute’s interdisciplinary and collaborative research programs. Current core facilities are staffed by over 100 scientists with expertise in bioinformatics, cytometry, histology, imaging, microarray, next generation sequencing, transgenic and ES cell technologies, proteomics and molecular biology.

Candidates with Ph.D. and M.D. degrees, postdoctoral research experience and outstanding records of research accomplishment should send curriculum vitae and one peer-reviewed paper to investigator.search@stowers.org.

More information may be found at www.stowers.org

The Stowers Institute is committed to equal opportunity in all its programs.

Professor Positions

Korea University with 104 years’ history as the most prominent private-sector university in Korea invites applicants for tenure and non-tenure track research/education positions to begin in March 2010. The university, with a faculty of approximately 1,500 full-time professors, seeks to invite 51 prominent scholars in 51 fields. Responsibilities for tenure-track include teaching at least two courses per semester in English, conducting/publishing research, and assuming various administrative duties to support academic functions. Applicants must possess (i) at least near-native fluency in English and (ii) a Ph.D. by the time of application. Applicants must also have experience in teaching at the college level, a strong commitment to excellence in scholarship, and dedication to undergraduate and graduate teaching in their research areas.

Visit our homepage at www.korea.ac.kr/~faculty to submit an application on-line and upload your research plan in file format.

[Enquires] Phone: +82-2-3290-1074
Fax: +82-2-929-9164
E-mail: faculty@korea.ac.kr
[Application deadline]: October 28, 2009.
The Lawrence Berkeley National Laboratory (LBNL) (http://www.lbl.gov) managed by the University of California invites applications from early career scientists with outstanding promise for a Divisional Fellow position at the DOE Joint Genome Institute (JGI) (http://www.jgi.doe.gov). The Divisional Fellow position is equivalent to a tenure-track faculty position at a university, and is appropriate for highly-qualified scientists with a Ph.D. or M.D. degree, who have completed post-doctoral training or equivalent experience. The JGI is a large-scale genomics facility focused on energy and environmental issues. We are specifically seeking individuals to direct a genomics-based research program in the study of either plants, microbes, metagenomes or genome informatics.

It is expected that the selected individual will develop a strong independent research program but will, in addition, have the opportunity to participate in large multidisciplinary research programs in collaboration with scientists throughout JGI, LBNL, and the neighboring University of California, Berkeley campus. Divisional Fellows are appointed to five-year term and represent an accelerated path for achieving promotion to Senior Scientist status at the end of this term.

Interested parties please submit CV, summary of research interests, and references to recruiter Bill Cannan: WRCanan@lbl.gov.

The NCI-designated Case CCC coordinates cancer research activities of 350 members at Case Western Reserve University, University Hospitals Case Medical Center, and Cleveland Clinic Foundation. Nine scientific programs are supported by 17 shared resources. The programs generate over $110 million in direct costs for research and training and manage 300 clinical trials with over 7500 new cancer patients annually. Details about the programs are available at [http://cancer.case.edu/research](http://cancer.case.edu/research).

The ADBR will advise the Director on all aspects of cancer research among Case CCC members including a) Scientific Program organization and membership, b) recruitment of basic laboratory-based investigators, and c) promotion of interdisciplinary and translational research in areas such as cancer genetics, signaling, DNA repair, tumor therapeutic targets, drug discovery, and disease-based research. An especially important responsibility for the ADBR will be to advise the Director on appropriate strategies to foster multi-investigator projects.

Together with the Associate Directors for Clinical Research and Prevention Research, the ADBR will oversee Case CCC pilot grant applications, reviews and awards; advise the Director on allocation of Case CCC developmental funds for research initiatives; and propose new core facilities and oversee existing cores. The ADBR will participate in Senior Leader and Program Leader meetings to develop consensus on new research initiatives and membership, and will participate in meetings with internal advisors, external advisors, and institutional leadership.

It is expected that the ADBR will have qualifications for appointment as a tenured associate professor or higher at Case Western Reserve University and will have a primary appointment in a basic science department, such as Pathology. The individual will be expected to actively engage in NIH funded research, have an active laboratory research program, have study section and training experience, participate in multi-investigator research programs, skills and experience in programmatic endeavors, as well as having national recognition in his/her field.


To apply, please send a cover letter, curriculum vitae, and the names of three references to:

**Cancer Center Recruitment Office**
Attn: Tracy Rehl
Case Western Reserve University
Wolstein Research Building 3-520
10900 Euclid Avenue
Cleveland, OH 44106-7285
Email: tracy.rehl@case.edu
Subject header: Associate Director

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity.
The Department of Pharmaceutical Sciences at North Dakota State University invites applications for a tenure-track faculty position at the rank of Assistant/Associate Professor, with appointment beginning on or after August 15, 2010. Candidates must hold a doctoral degree in pharmacology, physiology, or closely related field, have at least two years of postdoctoral experience with a strong record of scholarship, and possess good interpersonal skills and effective written and oral communication skills. Preference will be given to applicants with training and research expertise in areas that complement existing departmental strengths in cancer, cardiovascular, and vaccine research. The successful candidate will be expected to establish an externally funded research program, teach and mentor graduate students, and participate in team-taught pharmacology courses offered to pharmacy students. A highly competitive salary and a start-up package commensurate with qualifications and experience are available. Currently, the fast growing department has 12 faculty members, 30 doctoral students and 8 post-doctoral fellows/research associates, has a Center of Excellence, Center of Biopharmaceutical Research and Production (CBRP), and participates in a NIH-funded ($10.5 million) Center of Biomedical Research Excellence. Additional information about the Department and University can be obtained at www.ndsu.edu/pharmsci.

Application deadline is December 31, 2009, or thereafter until the position is filled. The application portfolio containing the curriculum vitae, statement of teaching philosophy, description of research interests and future plans, and three letters of reference must be submitted electronically: jobs.ndsu.edu/applicants/central?quickFind=51125.

For more information, please contact Dr. Stephen O’Rourke (e-mail: stephen.orourke@ndsu.edu), North Dakota State University College of Pharmacy, Nursing and Allied Sciences, Fargo, ND 58105.

NDSU is an Equal Opportunity Institution. Women and traditionally underrepresented groups are encouraged to apply.
Max Planck Institute for the Physics of Complex Systems

The Max Planck Institute for the Physics of Complex Systems in Dresden announces the opening of a

Postdoctoral position

in condensed matter theory, to be filled in 2010. The areas of interest include strongly correlated electron systems, quantum phase transitions, frustrated quantum spin systems, non-equilibrium dynamics and transport in correlated systems, exotic ground states in quantum impurity systems, statistical mechanics and dynamics of cold atoms, quantum information theory and computational many-body physics. The successful candidate(s) will be able to interact with Roderich Moessner, Andreas Läuchli and Stefan Kirchner of the Condensed Matter Division, as well as with members of the Institute’s other divisions and research groups, which make for a lively and interdisciplinary research atmosphere.

The Institute provides a particularly stimulating environment due to the in-house workshop program and the close links to the nearby Max Planck Institute for Chemical Physics of Solids, the Technical University, the Institute for Solid State and Materials Research and the Forschungszentrum Dresden-Rossendorf with its high magnetic field laboratory. The computational support is excellent based on local clusters, facilities at the TU Dresden and the Max Planck computing centre in Garching. For details of the application procedure please visit the webpage at http://www.pkp.mpg.de/aml/openings.html

The Max Planck Institute aims to increase the number of women in scientists positions. Female candidates are therefore particularly encouraged to apply. In case of equal qualifications, candidates with disabilities will take precedence.

---

BIOENGINEERING FACULTY

The George Mason University, Volgenau School of Information Technology & Engineering is seeking faculty to assist in the building of a new program in bioengineering. Each successful applicant will receive a tenure-track appointment as assistant or associate professor in one of the six Volgenau School departments (http://ite.gmu.edu). Candidates are expected to shape bioengineering at Mason by maintaining an active research program, and by teaching at both undergraduate and graduate levels.

Required: Earned doctorate in bioengineering, biomedical engineering, computer science, computer engineering, electrical engineering, operations research, systems engineering, statistics or other closely related fields. Preference will be given to candidates with a strong potential for interaction with current faculty members, especially in integrating measurement and computational approaches. Neuroengineering, neuroinformatics, rehabilitation engineering, biosensors and computational bioengineering are of special interest. See http://bioengineering.gmu.edu for an overview of Bioengineering at Mason. Questions should be directed to Prof. Peter Katona (pkatona@gmu.edu), or to the chair of any of the Volgenau School departments.

Applicants should submit a cover letter, CV, and a statement of research and teaching interests for position F9305z at http://jobs.gmu.edu/. The material should include contact information for three references. Review of applications will begin on November 1, 2009, and continue until the positions are filled. 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.

AA/EOE

---

Group Leaders in Neurobiology
£37,000 - £47,000 per annum

The Division of Neurobiology at the MRC Laboratory of Molecular Biology (LMB) wishes to recruit talented scientists interested in developing an independent programme of research. We are particularly interested in individuals working on the function of neural circuits using electrophysiological or imaging techniques, and we envisage that such work would make use of organisms open to genetic manipulation. Current interests in the Division include visual and olfactory processing, circadian rhythms, mechanisms of synaptic transmission, and protein misfolding in relation to neurodegenerative diseases (www2.mrc-lmb.cam.ac.uk/NB).

The LMB provides an excellent environment for hands-on research. Core funding by the Medical Research Council provides long-term support for ambitious projects, while administrative duties are minimal and no teaching is required. Interactions across the four Divisions of the Laboratory are encouraged and construction has begun on a new state-of-the-art research building (www2.mrc-lmb.cam.ac.uk/newlmb.html). There is extensive central support, including electronic and instrumentation workshops, imaging and transgenic mouse facilities. The University of Cambridge and affiliated institutions form a vibrant neuroscience community (http://www.neuroscience.cam.ac.uk/).

Candidates should have an MD and/or PhD and will have completed a period of postdoctoral training or equivalent, with an excellent track record, and show outstanding potential for independent research. You will lead a small team and substantial funding will be available.

This appointment will be made at either Programme Leader or Programme Leader-track level, depending on achievements and experience.

Further information can be obtained from Dr. Michel Goedert (email: mg@mrc-lmb.cam.ac.uk).

Your salary will be supported by a flexible pay and reward policy, 30 days’ annual leave entitlement, an optional MRC final salary pension scheme and excellent on-site sports and social facilities.

This position is subject to pre-employment screening.

If you would like to receive this advert in large print, Braille, audio, or electronic format/hard copy, please contact the Recruitment team at the MRC Shared Service Centre on the telephone number below or recruitment@ssc.mrc.ac.uk

Applications for this role must now be made online at http://jobs.mrc.ac.uk inputting reference LMB09/503. Applicants should include a full CV, an outline of current and future research interests and the names and addresses of three professional referees who have agreed to be contacted. If you do not have internet access or experience technical difficulties please call 01793 301280.

Closing date: 13 November 2009.

For further information about the MRC please visit www.mrc.ac.uk

The Medical Research Council is an Equal Opportunities Employer
Endowed Professorships and Faculty positions in Health

Michigan Technological University invites applicants for new tenure-track positions at any rank in the broad areas of health sciences and engineering. This campus-wide Strategic Faculty Hiring Initiative (SFHI) is projected to bring up to ten new faculty members, including possible endowed positions, to campus over the next two years to strengthen the key focus areas of biochemistry, bioengineering, bioethics, biomaterials, biomechanics, human factors, medical informatics, cell biology, physiology, and statistical genetics.

Faculty hired through this initiative are expected to establish a vigorous, nationally competitive research program and to be committed to excellence in both undergraduate and graduate education. The application review process will begin on November 15, 2009. Details on the SFHI and application instructions are available at www.mtu.edu/sfi.

Michigan Tech is an internationally renowned doctoral research university located in Michigan’s scenic Upper Peninsula, on the south shore of Lake Superior. Houghton provides a unique setting where natural beauty and exceptional year-round outdoor activities, culture, education, and a diversity of residents from around the world come together to share a superb living and learning experience. As part of its strategic focus, Michigan Tech is experiencing remarkable growth in research. In the last five years, research expenditures have doubled, up to $60M in 2008. The university has also recently initiated efforts to advance health-related research capabilities with the establishment of animal facilities and the formation of the Departments of Biomedical Engineering and Exercise Science, Health and Physical Education. Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM.

Michigan Technological University is an Equal Opportunity, Affirmative Action Employer/Educational Institution. Applications from women and minorities are encouraged.

Penn State University Department of Biology

Faculty Position in Evolutionary Genomics and Bioinformatics

The Department of Biology at Penn State University invites applications for faculty position open at all professorial ranks in evolutionary genomics and bioinformatics. Penn State is home to a highly successful and interactive research community in evolutionary genetics, genomics, and bioinformatics. Among the institutes and centers supporting research are the Institute of Molecular Evolutionary Genetics, the Center for Comparative Genomics and Bioinformatics, and the Institute for Genomics, Proteomics and Bioinformatics. Prospective candidates should have a strong record of research accomplishments, ability to secure extramural grants, and a commitment for teaching.

Candidates should email a letter of application, curriculum vitae, research prospectus, statement of teaching interests, and names and contact information of at least three references, all as a single PDF document to egb2@bioscience.psu.edu. Publications and manuscripts (not more than three) may be submitted as separate PDF documents along with the application. Review of completed applications will begin October 15, 2009.

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

Director, Richard King Mellon Foundation
Institute for Pediatric Research
University of Pittsburgh School of Medicine
Children’s Hospital of Pittsburgh of UPMC

The Department of Pediatrics of the University of Pittsburgh School of Medicine and Children’s Hospital of Pittsburgh of UPMC is seeking an internationally renowned scientist to lead this new institute dedicated to basic research on diseases and disorders prevalent in the young, and to advancing the careers of junior investigators with this interest. The Richard King Mellon Foundation has provided $23 million to start the institute, which will be housed in 10,000 square feet in the new Rangos Research Centre of Children’s Hospital of Pittsburgh (total 300,000 square feet). We are anticipating that the Institute Director will expand her/his own active laboratory program as well as provide mentoring and administrative oversight for five Scholars who will be recruited from top programs around the country. These Scholars will be Assistant Professors who may not yet have their own R01 funding but are ready to begin their own laboratories. Scholars will receive start-up and continuous funding as well as access to state-of-the-art core facilities and dedicated administrative support. The Director will hold the Richard King Mellon Foundation Professor of Pediatrics endowed chair and will be provided with extensive funding for her/his own laboratory program.

The University of Pittsburgh School of Medicine is enjoying unparalleled growth in its research, clinical and academic missions. Of more than 3,000 institutions nationwide, the University is currently ranked 5th in NIH funding. The Department of Pediatrics/Children’s Hospital of Pittsburgh is ranked 7th in NIH funding among all children’s hospitals and pediatric research programs.

Academic credentials should qualify the candidate for faculty appointment at the level of Professor. Applicants should submit a CV by e-mail in MS-Word format before November 15, 2009 to: David H. Perlmutter M.D., Vira I. Heinz Professor and Chair, Department of Pediatrics; Margaret.lyle@chp.edu.

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

Penn Medicine

The Department of Cancer Biology at the University of Pennsylvania’s School of Medicine seeks candidates for an Assistant, Associate, or Full Professor position in the tenure track. Rank will be commensurate with experience. Applicants must have an M.D. and/or Ph.D degree and have demonstrated excellence in education and research.

The Department of Cancer Biology is a partner with the Abramson Cancer Center at the University of Pennsylvania and the Abramson Family Cancer Research Institute. Qualified applicants may have scientific interests and experience in any field of cancer biology, including but not limited to cancer genetics and genomics, tumor microenvironment, epigenetics, angiogenesis, cancer cell metabolism, and oncogenic signalling.

Responsibilities will include the development of an independent research program. Qualifications and experience in teaching are required.

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

Please upload CV, cover letter, 3 references letters, and a statement of research interests at: http://www.med.upenn.edu/apps/faculty_ad/index.php?pg=304a2077

Lewis A. Chodosh, M.D., Ph.D.
Professor and Chair, Dept of Cancer Biology
612 BRB III/III, 421 Cupie Blvd, Phila, PA 19104
cliubrcn@mail.med.upenn.edu

SDSU

Associate Professor or Full Professor, Geographic Information Science Center of Excellence, South Dakota State University

The Geographic Information Science Center of Excellence (GIScCE) invites faculty applications from scientists with research interests in quantitative remote sensing, large-area terrestrial monitoring and/or modeling. Specialization in one of the following areas is preferred: (1) land/atmosphere interactions and climate modeling, (2) active sensors (radar and/or lidar) for vegetation characterization, (3) modeling the dynamics of coupled human-environmental systems. We seek motivated, broad-thinking scientist-educators to establish vigorous research programs and provide intellectual leadership in their field. GIScCE faculty have 80% research, 10% service and 10% teaching loads. The GIScCE is a collaboration with the USGS Center for Earth Resources Observation and Science (EROS). For more information, visit (http://globalmonitoring.sdsu.edu); for a list of required qualifications and directions for online application, visit http://jobs.sdsu.edu. For questions on the electronic employment process, contact SDSU Human Resources at (605) 688-1289. Application deadline is December 21, 2009.

SDSU is an AA/EEO Employer and encourages applications from women and minorities. ADA Accommodations: (605) 688-4394.
The University of Texas at Austin

Endowed Chair Position
The Institute for Cellular and Molecular Biology

The Institute for Cellular and Molecular Biology invites applications for an Endowed Chair Position. An academic appointment at the level of tenured Professor will be held in an appropriate academic unit in the College of Natural Sciences. Candidates should have an outstanding research program that applies molecular biological and/or biochemical approaches to important biological problems. Areas of interest include, but are not limited to, Biochemistry, Cancer Biology, and Human Genetics. The position carries an exceptional salary and start-up package.

Building on a strong existing faculty, the Institute has recruited more than 60 new faculty members in the past ten years. Faculty roster can be reviewed at http://www.icmb.utexas.edu. In addition to its highly interactive and interdisciplinary research environment, The Institute is committed to affirmative action, equal opportunity and the diversity of its workforce.

The successful candidate will use a combination of approaches, such as genomics, systems biology, genetics, cell biology or biochemistry, to elucidate the molecular control of the formation and accumulation of lignocellulose, starch, oils or sucrose in plants. Candidates should have a strong research record and a commitment to teaching.

For more details please see www.psiee.psu.edu/open_positions.asp.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Govt. of India

TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE (THSTI)
(Autonomous Institute and Part of NCR Bio-medical Science Cluster)
Present location at the National Institute of Immunology
JNU Complex, Aruna Asaf Ali Marg, New Delhi -110067

EXECUTIVE DIRECTOR AND DEANS

The Department of Biotechnology, Ministry of Science & Technology (Government of India) has established the Translational Health Science and Technology Institute (THSTI), an autonomous institution, as a part of the interdiscipliary Health Biotech Science cluster, located in Faridabad, Haryana, in the National Capital Region. Major Indian and overseas institutions are mentoring the development of the THSTI. The THSTI is designed to be a dynamic and interactive organization with a mission to conduct innovative, interdisciplinary and translational research and development research collaborations that will lead to the development of therapeutic and diagnostic tools, and new technologies to accelerate the extension of concepts to the improvement of human health. The other members of the cluster include the Regional Center for Biotechnology (RCB) under the aegis of UNESCO, with which THSTI will have seamless scientific collaboration to achieve interdisciplinary expertise. The cluster institutions will have access to state of the art experimental animal facility, platform technology resources and incubation facilities.

THSTI is looking for exceptional candidates for the post of Executive Director (ED) and Deans to spearhead the establishment of this institute. The position of ED offers a unique opportunity for the right individual in providing strong and visionary leadership to the new institution.

The Institute will engage in a unique inter-disciplinary translational research programme to bring science from bench to bedside. The key feature of this institute will be a dynamic inter-relationship of basic science, engineering, health research and biotech industry to produce translational knowledge and innovation technologies through group excellence.

The permanent laboratories of THSTI will come up at Faridabad over the next three years. Interim laboratories will function from Gurgaon in the South Delhi area with adequate housing, transportation and schooling facilities. Campus housing may be made available when the institution moves to the Faridabad campus.

The core Health Science Technology (HST) Centre of THSTI is modeled on the Harvard-MIT Health Sciences and Technology Division, THSTI will provide multidisciplinary, multi-professional, research and education, will be highly interconnected with regional centers of excellence, and will promote the translation of discoveries and inventions to societal use for the benefit of human health. The new organization will include faculty from multiple disciplines and professions, offer degrees through multidisciplinary programs, and develop strong ties with other institutions in the public and private sectors. The underlying premise is two-fold: no one discipline or profession alone offers the potential to make transformative advances in medicine; and the potential for students and faculty to innovate is unleashed as they reach far beyond their core disciplines and professions to gain experience and understanding of other disciplines and professions. The other components of THSTI will be a series of integrated programme orientated centres such as for Vaccine and Infectious Disease, Child Biology, Chronic Disease etc. These will be developed in a planned manner.

The candidates must have an MD, Ph.D or equivalent degree in biomedical sciences and have knowledge of molecular paradigms of disease. He/She must have at least 15 years research experience, be able to interact nationally and internationally, create an interdisciplinary team and have aptitude for translational research and interaction with industry.

The responsibilities of the Executive Director include (1) leading and nurturing the core multi-disciplinary research facility; (2) developing policies and fostering collaboration with scientific, medical and engineering partner institutions; (3) developing mechanism for collaboration with industry; (4) recruitment of appropriate faculty; (5) management of the extramural activities including supporting research resource units in other institutes. The Deans will support the Executive Director in establishing and nurturing the institute and will lead major programme centres.

To apply submit a curriculum vitae and a two-three page write-up of your vision on how a Translational Health Science and Technology Institute should be developed to Dr. T.S.Rao, Adviser, Department of Biotechnology, Ministry of Science and Technology, Room No.819, Block II, CGO Complex, Lodi Road, New Delhi -110003. Tel.: 011-24364065 Fax : 011-24362884, E-mail : tsrao@dbt.nic.in, on or before 10th November 2009.
Cluster Hire in the Nicholas School of the Environment; Intersection between Ecology and Hydrology October 2009

The Nicholas School of the Environment (NSE) at Duke University (DU) will make four tenure-track appointments at junior or senior levels as part of a cluster hire in ecohydrology (see website: http:// nicholas.duke.edu/application). This new initiative builds on DU’s strengths in ecological and hydrological sciences and seeks to attract outstanding faculty who will engage in and facilitate multidisciplinary interactions across the NSEO and other units on campus, such as biology, civil and environmental engineering, and the Global Institute of Sustainability. The successful applicant will be expected to establish a productive, independent research program and contribute to departmental teaching. The Department and affiliated units at the University have broad research strengths in microbial and immunology, including immunity and host defense, microbial pathogenesis, virology, microbial physiology, genetics, genomics, environmental microbiology, and biotechnology. More information about the Department of Microbiology, with links to affiliated institutes and centers and the graduate training programs, can be found on the department website: http://www.microbiology.med.umn.edu.

The Department of Animal and Range Sciences at Montana State University in Bozeman, M.D., or D.V.M. and applicable postdoctoral or faculty experience. Review of applications will continue until suitable candidates are identified. To apply, please submit curriculum vitae and concise summary of research interests and activities to Dr. Mark Schlievert, Ph.D., Search Committee Chair, Department of Microbiology, University of Minnesota, MMC 196, 420 Delaware Street S.E., Minneapolis, MN 55455. Top candidates will be invited for a seminar/interview as a component of the search process.

The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, veteran status, sexual orientation, gender identity, or gender expression.

POSTDOCTORAL POSITIONS (NIH-funded) are immediately available in the Department of Pathology and Laboratory Medicine at the Temple University School of Medicine (TUSM) in Philadelphia, PA. These positions are a part of a highly interactive and collaborative research team that focuses on translational research on the function of blood-brain barrier (BBB), signaling events that contribute to brain endothelial formation, repair and response to inflammatory stimuli, drug delivery in the setting of neuro-inflammation, HIV-1 infection, and drug/alcohol abuse. These topics will be investigated using systems such as in vivo and in vitro models of BBB function, animal models of HIV/AIDS, gene expression profiling, immunogenomics, multiparametric flow cytometry, immunohistochemistry, and state-of-the-art time lapse live cell imaging. Strong laboratory skills in a broad range of cellular and molecular immunological techniques or expertise in brain endothelial biology are preferred. Applicants are expected to have strong ability, be self-motivated, and be a major contributor to the research program. Qualified candidates with a Ph.D. and/or M.D. with expertise in areas of immunology, cellular biology, biochemistry, or physiology are invited to apply. Applications should be sent electronically to e-mail: patricia.harper@tuhs.temple.edu; attention: Dr. Yuri Piersidsky, Professor and Chair, Department of Pathology and Laboratory Medicine, Temple University School of Medicine, 3401 North Broad Street, Philadelphia, PA 19140.

Black Hills State University seeks to fill a SYSTEMATIC BOTANIST tenure-track, ASSISTANT PROFESSOR position beginning August 2010. Ph.D. in botany or related field and advanced knowledge of plant systematics are required. Candidate will be expected to develop a research program involving students and teach general and advanced-level botany classes. For a full position description and to apply, go to: website: http://yourfuture.sdibor.edu. Applicants should provide curriculum vitae, transcripts, a letter detailing research and teaching experience/philosophy, recent research papers, and three letters of reference. Reprints and letters should be sent directly to: Dr. Garth Spellman, 1200 University Street, Unit 9073, Spearfish, SD 57799. E-mail: garth.spellman@ bhsu.edu. Review of applications will begin November 13, 2009.

CHEMICAL & BIOMOLECULAR ENGINEERING FACULTY OPENINGS University of Notre Dame The Department of Chemical & 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 should possess a strong commitment to graduate and undergraduate education.

Applications 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: cbeopen@nd.edu. Please direct any questions to e-mail: mjmm@nd.edu. Note: Dame is an Equal Opportunity/Affirmative Action Employer.

LECTURER POSITION in Environmental Technology School of Public and Environmental Affairs Indiana University—Bloomington Campus The School of Public and Environmental Affairs (SPEA) at Indiana University is pleased to appoint a Lecturer or Senior Lecturer on the Bloomington campus. This is a non-tenure-track, full-time, permanent faculty position with primary responsibility in teaching. SPEA is interested in candidates with strong teaching interests in sustainability-related disciplines including, but not limited to, life cycle analysis, alternative energy development, waste management, and pollution prevention. Preference will be given to candidates with a Ph.D. in a related field (environmental, civil engineering, or related professional degree combined with substantial practical and/or teaching experiences.

Review of applications will begin October 8, 2009, and continue until the position is filled. Please submit a letter of application, current vita, supporting documentation of outstanding instructional abilities, complete contact information, and three letters of recommendation electronically to e-mail: speahr@indiana.edu or a hard copy to:

Dr. David Reingold
Associate Dean for Bloomington
SPEA, Room 300
1315 E. Tenth Street
Bloomington, IN 47405-1701

For more information see website: http://www.indiana.edu/~spea. Indiana University is an Equal Opportunity/Affirmative Action Employer, Educator and Contractor: Minorities/Females/Persons with Disabilities and strongly committed to achieving excellence through cultural diversity. The University actively encourages applications and nominations of women, persons of color, applicants with disabilities, and members of other underrepresented groups.

INFECTIONOUS DISEASE PATHOGENESIS/IMMUNOLOGY Yale University School of Medicine Positions available to study the interactions between pathogens, arthropod vectors, and the mammalian host. Borrelia burgdorferi, Anaplasma phagocytophilum, West Nile virus, and Plasmodium falciparum are among the modeled organisms. Experience in microbial pathogenesis, immunobiology, cell biology or molecular biology necessary.

Send curriculum vitae and recent publications to: Erol Fikrig, M.D., Investigator, Howard Hughes Medical Institute, Yale University School of Medicine, Section of Infectious Diseases, P.O. Box 208022, New Haven, CT 06520-8022. Or e-mail: erol.fikrig@yale.edu. Yale University is an Affirmative Action, Equal Opportunity Employer. Applications from women and minorities are encouraged.

DEPARTMENT HEAD AND PROFESSOR Department of Animal and Range Sciences The Department of Animal and Range Sciences (AR&S) at Montana State University in Bozeman, Montana, is seeking applications and nominations for the position of Department Head and Professor. Founded in 1893 in the scenic Gallatin Valley just north of Yellowstone National Park, Montana State University (MSU) is a land grant university with total enrollment of 12,000 students. Departmental teaching programs from B.S. to Ph.D. levels serve 230 students. Research programs focus on cattle, sheep, equine, and range ecology and on research that focus on livestock production and range management. The Department will be housed in a new state-of-the-art building that substantially expands the Department’s research and teaching opportunities. The new Department Head in conjunction with faculty and candidates will have an unusual opportunity to shape and expand the Department including new faculty hires. Montana and the surrounding region provide exceptional opportunities for multiple discipline, multiple-scale, from the laboratory to landscape, research and instruction.

For a faculty announcement, including a listing of required and preferred qualifications and application procedures, visit website: http://ag.montana.edu; e-mail: erol.fikrig@montana.edu; or telephone: 406-994-3681. Screening will begin December 18, 2009, and continue until a suitable candidate is hired. ADA/Equal Opportunity/Affirmative Action/Veteran’s Preference Employer.

The Chicago State University Department of Biological Sciences is seeking to fill one tenure-track faculty position at the ASSISTANT PROFESSOR level in the area of bacterial pathogenesis. Please visit the online ad at website: http://www.csu.edu to apply.

Dr. Juanita C. Sharpe
Department of Biological Sciences
Chicago State University
9501 South King Drive/SCI-310
Chicago, IL 60628-1598

Chicago State University is an Equal Opportunity Employer.

POSTDOCTORAL POSITIONS Infectious Disease Pathogenesis/Immunology Yale University School of Medicine Positions available to study the interactions between pathogens, arthropod vectors, and the mammalian host. Borrelia burgdorferi, Anaplasma phagocytophilum, West Nile virus, and Plasmodium falciparum are among the modeled organisms. Experience in microbial pathogenesis, immunobiology, cell biology or molecular biology necessary.

Send curriculum vitae and recent publications to: Erol Fikrig, M.D., Investigator, Howard Hughes Medical Institute, Yale University School of Medicine, Section of Infectious Diseases, P.O. Box 208022, New Haven, CT 06520-8022. Or e-mail: erol.fikrig@yale.edu. Yale University is an Affirmative Action, Equal Opportunity Employer. Applications from women and minorities are encouraged.

POSITIONS OPEN
The University of Washington School of Medicine requests applications for a tenure-track Assistant Professor of Pharmacology from individuals with a Ph.D. or M.D. currently holding postdoctoral or non-tenure track faculty appointments and having strong training and research productivity using functional proteomic methods to probe the composition and regulation of molecular signaling complexes in neural signaling and drug addiction. Adjunct appointments in Genome Sciences or Psychiatry & Behavioral Sciences and membership in the University of Washington Proteomics Resource may also be possible. The successful candidate will initially be supported by a program grant (ARRA-P30) from the National Institute on Drug Abuse and will also receive a generous start up package from the university. University of Washington faculty engage in teaching, research and service, and the successful candidate will participate in outstanding graduate training programs in Pharmacology and Genome Sciences, as well as interdisciplinary graduate programs in Neurobiology & Behavior, Molecular & Cellular Biology, and Molecular Medicine.

For full consideration, applicants should submit applications electronically as a single PDF containing a cover letter describing accomplishments and future research plans, a complete CV, and a representative research publication. Applications should also arrange to have three confidential letters of reference electronically forwarded before November 15, 2009. More description of the new position and the departmental programs can be found at http://depts.washington.edu/phcoul/. Additional information may also be obtained by contacting Dr. Charles Chavkin, Search Committee Chair, Department of Pharmacology, University of Washington, Box 357280, Seattle, WA 98195-7280.

The University of Washington is an Affirmative Action/Equal Opportunity Employer. Women and under-represented minority individuals are strongly encouraged to apply.

MATERIALS ENGINEER
U.S. ARMY RESEARCH OFFICE

Applications are being solicited for a Materials Engineer, DB-0806-03 (equivalent to the GS-12/13 grade levels), $69,704 - $107,756 per annum, or a Materials Engineer, DB-0806-04 (equivalent to the GS-14/15 grade levels), $97,948 - $149,782 per annum. Salary within the ranges above includes a locality adjustment and depends upon individual qualifications and salary history. The position is located at the U.S. Army Research Office in Research Triangle Park, N.C.

The incumbent develops, manages, and oversees the Army’s extramural research program in materials science, focusing on synthesis and processing of materials (both experiment and theory), and identifying and fostering scientific achievements with application to Army materiel systems. Expertise is required in the areas of fabrication, synthesis, and processing of advanced materials.

Duties include: Initiating new research projects to advance the frontiers of materials science. Stimulating proposals to create unprecedented scientific opportunities relevant to Army needs. Analyzing and evaluating proposals. Communicating with grantors and contractors. Reviewing and analyzing research reports, and ensuring their effective distribution. Stimulating technology transfer to both Army and civilian users. Evaluating grantee and contractor performance. Disseminating program policies and research results. Maintaining awareness of Army in-house R&D programs. Developing and presenting briefings and research summaries that highlight projects, objectives, progress, accomplishments and emerging opportunity areas within materials science to Army leadership and the scientific community. Initiating and carrying out workshops, conferences, and symposia addressing emerging materials research initiatives. Serving as the principal Army advocate and representative for basic research activities and needs in synthesis and processing of materials.

In order to maintain scientific acumen, the incumbent may perform research at a local university for up to one day per week. Travel up to 25% of the time may be required. Outstanding verbal and written skills are required. Applicants must show successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor’s or higher degree in materials science, or a combination of education and experience equal to a GS-12/13 level position in the Federal government for DB-03 or GS-14/15 for DB-04. An advanced degree at the PhD level preferred. Experience must have been in or related to the work of the position and have equipped the applicant with the knowledge, skills, and abilities to successfully perform the duties of the position.

Applications must be U.S. citizens, be able to obtain a secret clearance, and comply with provisions of the Ethics in Government Act. Interested individuals must apply electronically following instructions at www.usajobs.opm.gov or at www.cpol.army.mil. Vacancy Announcement numbers are NEC09559221D/NEAC09559221 for the DB-04 and NEC09560030D/NEAC09560030 for the DB-03. Opening date for this position is October 5, 2009 and closing date will be December 4, 2009. If you have questions, please contact Mrs. Paula Valdez, 301-394-2109, e-mail: paula.geny.valdez@us.army.mil or Wanda Wilson, Administrative Officer, Army Research Office at (919) 549-4296, e-mail: wanda.wilson@us.army.mil.

University of Massachusetts
Medical School
Department of Obstetrics and Gynecology
Basic Scientist Faculty Positions

We are seeking 2-3 basic science research faculty (Ph.D., M.D., M.D./Ph.D. or equivalent) at the Assistant, Associate or Full Professor levels who will conduct innovative research and provide strong scientific leadership while interacting with clinical faculty to foster collaborations. Our primary goal is to recruit exceptional scientists whose work is directly influenced by or has the potential to impact women’s reproductive health. Scientists working with mammalian systems will be favored. Current departmental expertise and associated interests include but are not limited to pregnancy, maternal-fetal interface and obstetric outcomes, reproductive endocrinology and infertility, gynecologic oncology, female pelvic floor dysfunction and reconstructive surgery, stem cell biology and women’s mental health as it relates to reproduction. A strong record of scholarly contributions, publications and funding is desirable. For mid-career and senior-level appointments, preference will be given to those with demonstrated excellence in mentorship and teaching as well as proven record of continuous funding. A desire to work in a collaborative environment is important as interdisciplinary research efforts are highly encouraged at UMass. Appropriate lab space and resources are available to support successful candidates. Joint appointments would be in the Department of Obstetrics and Gynecology and an appropriate basic science department.

Please submit curriculum vitae, statement outlining research interests and the names and contact information for three or more references by email to Tiffany A. Moore-Simms, MD, MPH, MED (TiffanyA.MooreSimms@umassmemorial.org), Director, Research Division, Department of Obstetrics and Gynecology, UMass/UMMHC – Memorial Campus, 119 Belmont Street, Worcester, MA 01605. Additional information about the University of Massachusetts Medical School, its research mission and the Department of Obstetrics and Gynecology is available at http://www.umassmed.edu/index.aspx. The positions will remain open until filled. To be assured full consideration, applications should be submitted by December 15, 2009.

The University of Massachusetts and its clinical partner, UMass Memorial Medical Center, are Equal Opportunity Employers building strength through diversity. We welcome all applicants.
ASSISTANT PROFESSOR
Molecular Pharmacology
The Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University School of Pharmacy and Pharmaceutical Sciences, invites applications for a tenure-track faculty position at the level of Assistant Professor. Research in the Department is highly interdisciplinary with strengths in molecular pharmacology, cancer biology, neuroscience, chemical biology, drug design, systems biology, and computational chemistry (website: http://www.mcmp.purdue.edu/research/).

The successful candidate will have a Ph.D. in pharmacology or a related field, appropriate postdoctoral experience, and the potential to establish a vigorous research program and will participate in undergraduate, graduate, and graduate education.

Applications are sought with research interests in any area of molecular pharmacology including, but not limited to, signal transduction, protein structure and function, drug-receptor interactions, drug discovery, and pharmacogenomics.

For full consideration, please submit a single PDF file to Ms. Angie Schutz, e-mail: arschutz@purdue.edu containing the following items: a cover letter, a full curriculum vitae (including publications and research experience), and a statement of research plans (not to exceed two pages). Applicants should arrange to have three letters of reference sent directly to the same e-mail address. Please direct any questions regarding this position or application requirements to the Chair of the Search Committee, Dr. Gregory Hockerman, e-mail: gregh@purdue.edu.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse work force.

ASSISTANT PROFESSOR
Tenure Track – Biology
The Biology Department of the College of Saint Benedict and Saint John’s University is seeking to fill a full-time, tenure-track position starting August 2010 for a VERTEBRATE BIOLOGIST to teach a one-semester course in human anatomy and physiology for students pursuing careers in allied health. We seek a dynamic teacher-scholar with a strong commitment to teaching and research in an undergraduate liberal arts environment. The successful candidate should hold a Ph.D. and, in addition to teaching and anatomy and physiology course, be able to offer an upper-division course in endocrinology or neurobiology, develop a research program involving undergraduates, and compete for extramural funding.

St. John’s University, a liberal arts college for men, and the College of St. Benedict, a liberal arts college for women, are located four miles apart in Central Minnesota just outside metropolitan St. Cloud and 70 miles from Minneapolis. Both are Catholic colleges in the Benedictine tradition, which emphasize quality teaching and a commitment to intercultural learning. For further information visit website: http://www.csbsju.edu.

Send letter of interest, curriculum vitae, three letters of reference, copies of transcripts (official transcripts required for interview), statement of teaching and research interests, and evidence of teaching effectiveness to:

College of Saint Benedict/Saint John’s University
Human Resources–Position #HRW20090485
37 South College Avenue
St. Joseph, MN 56374
E-mail: jobclassification@csbsju.edu

Applications received after November 4, 2009, cannot be guaranteed full consideration.

Women and people of diverse racial, ethnic, and cultural backgrounds are encouraged to apply. The College of Saint Benedict/Saint John’s University is an Equal Employment Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE
NIH-funded POSTDOCTORAL POSITION available immediately in the Department of Chemistry and Biochemistry of the University of Maryland, Baltimore County, located in suburban Maryland. This position will focus on the structural determination of RNA and protein-RNA complexes involved in the HIV-1 lifecycle, using novel in vivo approaches developed in the laboratory. The ideal candidate should have experience in recombinant techniques and structural biology. Candidates with a background in nucleic acids biochemistry will also receive strong consideration. Send your curriculum vitae and the names of two professional references to:

Dr. Dan Fabris
Department of Chemistry and Biochemistry
University of Maryland, Baltimore County
1000 Hilltop Circle
Baltimore, MD 21250
E-mail: fabris@umbc.edu

UMBC is an Equal Opportunity/Affirmative Action Employer and applications from women, minorities, and individuals with disabilities are especially encouraged. Applications will be received until a suitable candidate is found.

THE UNIVERSITY OF CHICAGO
Department of Radiation and Cellular Oncology
The University of Chicago, Department of Radiation and Cellular Oncology, is seeking applicants for a full-time RESEARCH ASSOCIATE (ASSISTANT PROFESSOR) position, under the general direction of Professor Douglas K. Bishop. The primary activity of a Research Associate (Assistant Professor) is academic, including teaching within a faculty-sponsored program or team. Candidates are required to possess a Doctorate with experience in protein biochemistry. Candidates with experience in protein crystallography and enzymology will be favored.

Send letter of interest, curriculum vitae, and contact information for three references to website: http://tinyurl.com/UC-Rad-OncRA50661. Statement of research interests is preferred. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

BIOLOGY TENURE-TRACK POSITIONS
Department of Biology
Georgia Southern University
The Department of Biology invites applications for two tenure-track positions in animal physiology. The successful applicants will be expected to develop externally funded research programs and to contribute to excellence in teaching at the undergraduate and graduate levels. Screening of completed applications will begin November 1, 2009, and continue until the positions are filled. Applications must have a Ph.D. in the biological sciences by December 31, 2009.

ASSISTANT PROFESSOR in integrative physiology. Teaching requirements will include comparative animal physiology. Preference will be given to applicants whose research focuses on integrative/organismal physiology.

ASSISTANT PROFESSOR in aquatic ecology. This position is part of the Allen E. Paulson College of Science and Technology’s initiative to create an interdisciplinary research program on the science of the Southeastern Coastal Plain. Preference will be given to applicants working on freshwater systems who can develop an interdisciplinary research program in the coastal plain involving collaborations with faculty in other departments of the College.

For full details and qualifications see website: http://www.bio.georgiasouthern.edu/jobs/.

Candidates must send a letter of application indicating the position for which they are applying, a current vita, statement of teaching and research interests, and three letters of reference to the appropriate Search Chair (see below). Letters of reference in PDF format may be sent via e-mail. Applications may also be sent electronically with the entire packet as a single PDF file. Include applicant name in filename.

Animal Physiology: Dr. James B. Claiborne, Chair, Animal Physiology Search Committee, e-mail: claijb3@georgiasouthern.edu.

Aquatic Ecology: Dr. Lorne Wolfe, Chair, Aquatic Ecology Search Committee, e-mail: awolfe@georgiasouthern.edu.

Department of Biology, P.O. Box 9042, Georgia Southern University, Statesboro, GA 30460

Georgia Southern University is an Affirmative Action/Equal Opportunity 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 Assistant Provost.
The Department of Pharmacology at the Tulane University School of Medicine is currently seeking candidates with a Ph.D. or equivalent degree for tenure-track positions at the level of Assistant or Associate Professor. These positions are being filled as part of a major expansion of the cancer research programs by the Tulane Cancer Center. These positions will be supported by excellent laboratory space, competitive salaries and outstanding start-up packages. Preference will be given to the candidates, for Assistant Professor with excellent publication record in cancer research and appropriate postdoctoral research experience, and for Associate Professor, a minimum of three years of experience at the level of Assistant Professor with a distinguished record of scholarly activity and extramural funding in the area of cancer research.

Please submit electronic application with full curriculum vitae and the names of three references via email to: Dr. Krishna C Agrawal (agrawal@tulane.edu), Regents Professor and Chairman, Department of Pharmacology, Tulane University School of Medicine, New Orleans, LA 70112. Please also include a letter that summarizes the future research plans. Review of applications will begin immediately and will continue until the positions are filled.

Tulane University is an Affirmative Action and Equal Opportunity Employer. We invite Women and Minorities to apply.

UNCF/MERCK SCIENCE INITIATIVE

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

UNDERGRADUATE

Science Research Scholarship Awards
- Scholarships up to $25,000
- Two paid internships at Merck Research Laboratories with stipends totaling more than $10,000
- Mentoring and networking opportunities
- Eligibility: College juniors, science majors, 3.3 GPA

GRADUATE

Science Research Dissertation Fellowships
- Fellowships up to $52,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree candidates engaged in dissertation research in biological or chemical research fields

POSTDOCTORAL

Science Research Fellowships
- Fellowships up to $85,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree recipients in biological or chemical research fields

APPLY ON-LINE
www.ucnf.org/merck
Submit by December 1, 2009
T 703 205 3400
F 703 205 3550
E uncfmerck@uncf.org

General Eligibility Requirements:
Must be African American and a U.S. citizen or a permanent resident.
ASSISTANT/ASSOCIATE PROFESSOR
Chemical Biology/Biomedical Nanoscience/Drug Delivery/Drug Discovery

The University of Southern California Department of Pharmacology and Pharmaceutical Sciences (website: http://www.usc.edu/schools/pharmacy/department) invites applications for an Assistant/Associate Professor position, tenure-track or tenured, with research interests in biomedical sciences, biomedical nanoscience, drug delivery, or drug discovery. Of particular interest are candidates with research interest at the chemistry/biology interface and the capability of working in a multidisciplinary Department with chemists and biologists. Candidates should have a doctoral degree and postdoctoral experience in chemistry, pharmaceutical sciences, biochemistry, engineering, or a related discipline. The successful candidate is expected to develop a strong multidisciplinary research program with extramural funding.

Candidates should send the names of three references, curriculum vitae, and a summary of research accomplishments and future research and educational goals to: Professor Clay Wang, Ph.D., Chair, Chemical Biology/Drug Discovery Search Committee, University of Southern California School of Pharmacy, 1985 Zonal Avenue, Los Angeles, CA 90089-9122; e-mail: ccwang@usc.edu. Review of completed applications will begin on November 1, 2009, and will continue until the position is filled. The University of Southern California values diversity and is committed to equal opportunity in employment.

Georgetown University wishes to recruit a tenure-track ASSISTANT PROFESSOR in physical chemistry. Professorship begins fall 2010. Other positions of research interest but proposals related to sustainable energy or environmental chemistry are preferred. Candidates must have a Ph.D. degree in chemistry or a closely related field and significant postdoctoral training or equivalent. Development of an internationally recognized research program and teaching at the undergraduate and graduate levels are expected. Please send curriculum vitae, description of research plans, and statement of teaching philosophy, and arrange for three letters of recommendation to be sent to: Faculty Search Committee, Department of Chemistry, Georgetown University, Box 571227, Washington, DC 20057-1227. For full consideration, complete applications should arrive before November 23, 2009. Georgetown University is an Affirmative Action/Equal Opportunity Employer, applications from qualified women and minority candidates are encouraged.

CARDIO/PULMONARY MEDICAL WRITER

The Prescott Medical Communications Group, a consulting firm serving the pharmaceutical and biotechnology industries, has an immediate opening for a medical writer/editor. Candidates must possess an advanced biomedical science degree (M.S., Ph.D., Pharm.D., M.D.) and a minimum of three to five years of academic, industry, or agency (similar) experience. This full-time, in-house position will require residing in the Chicago area and occasional domestic/international travel. Please send employment history and three writing samples (scientific poster, manuscript, presentation deck) to: Jim Bachleda, Prescott Medical Communications Group, 205 N. Michigan Avenue, Suite 3400, Chicago, IL 60611; Fax: 312-325-3901; e-mail: jim.bachleda@prescottmed.com.

FACULTY POSITION
Department of Biochemical Science and Technology, National Taiwan University, Taipei, Taiwan

The Department of Biochemical Science and Technology at National Taiwan University, Taipei, Taiwan, invites applications for an ASSOCIATE PROFESSOR positions beginning from 1 August 2010. For details, please visit website: http://www.bst.ntu.edu.tw/. Thank you.

POSTDOCTORAL POSITION

The Biomedical Engineering Department of Northwestern University is seeking a highly motivated and qualified individual to perform research in biomaterials for vascular tissue engineering applications. The project will involve the synthesis of biomaterials for in vivo polymerization to address problems associated with vascular surgery. The qualified person should have experience with standard polymer synthesis (in particular radical polymerization) and characterization techniques (GPC, DSC, TGA, FTIR) and basic methods for polymer-based drug delivery. The successful candidate is expected to begin the position on October 1, 2009. For information about the research group, you may visit the website: http://www.amer.northwestern.edu.

Please send your curriculum vitae to: Prof. Guillermo Amer, e-mail: g.amer@northwestern.edu.

Northwestern University is an Equal Opportunity Employer.

POSTDOCTORAL RESEARCH ASSOCIATE

A Postdoctoral Research Associate position is available on or after November 1, 2009, in the Insecticide Toxicology Research Laboratory at Cornell University’s New York State Agricultural Experiment Station campus in Geneva, New York. The successful applicant will participate in NIEHS-funded research to define the mechanisms of insecticide action on rat and human voltagesensitive sodium channels, to map the binding sites for insecticides in relation to sites of action of other toxicants and drugs, and to identify the molecular basis of the differences in sensitivity to insecticides between mammalian sodium channel isoforms and between mammalian and insect sodium channels.

A Ph.D. degree in an appropriate biological discipline and experience in the patch clamp analysis of ion currents are required. Salary will be based on NIH postdoctoral compensation guidelines; an attractive fringe benefit package is included.

Send a letter of application, curriculum vitae, and names of three professional references to: Prof. David M. Soderlund, Department of Entomology, New York State Agricultural Experiment Station, Cornell University, 630 West North Street, Geneva, NY 14456. E-mail: dms6@cornell.edu.

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

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

PROTEIN EXPRESSION & PURIFICATION

• Expression, purification and refolding
• Guaranteed yield and purity of Insecticides
• Membrane proteins and other difficult proteins
• [13C] labeled proteins for NMR
• Vector construction & mutagenesis

ScienceCareers.org MARKETPLACE

EZBiolab • www.ezbiolab.com

KlenTaq1®

8¢/u Translated Tag DNA Polymerase
Windfast 99°C

Pat #5,436,149

BHQ

5,6-diamidino-2-phenylindole

Oligo Labeling Reagents

BHQ / CAL Fluor® / Quasar® Amides

Amides for 5’ & 3’ Modifications

Standard and Specialty Amides

BIOSEARCH TECHNOLOGIES

Advancing Molecular Biology and Drug Discovery

1-800.GENEOME
www.biosearch.com

322 9 OCTOBER 2009 VOL 326 SCIENCE www.sciencemag.org