The Department of Biology at McGill University invites applications for a tenure-track position in neurobiology. The new faculty member will complement a department that has a strong tradition of research in neuroethology and particular strengths in ecology and in molecular genetics of a variety of model systems. The successful applicant will be expected to conduct a vigorous program of independent, externally funded research in neurobiology with a focus on neural mechanisms of behavior, and to contribute to teaching at both the undergraduate and graduate levels. Candidates must hold a Ph.D. or equivalent degree and postdoctoral experience demonstrating excellence in their field. We anticipate that this position will be filled at the ASSISTANT PROFESSOR (tenure track) level, but applications from more established candidates may be considered for an external, externally funded associate or full professor rank. Competitive startup and equipment funding packages will be available. Persons wishing to be considered for this position should forward via e-mail a curriculum vitae, a statement of research interests, a statement of teaching interests, PDF files of major publications, and to have three letters of reference submitted directly to e-mail: zabrina.kadhodayan@mcgill.ca.

In the subject line, please enter Neurobiology Search and your name. Acceptable file formats are Microsoft Word and PDF. The application deadline is 3 November 2008, or until position is filled. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. McGill University is committed to equity in employment. McGill University is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, and others who may contribute to the further diversification of ideas.

ASSISTANT PROFESSOR, MICROBIOLOGIST

The Department of Biology at the Citadel, the Military College of South Carolina, invites applications for a tenure-track Microbiologist at the Assistant Professor level. Candidates should possess a Ph.D. in microbiology with a specialization in microbial physiology, environmental microbiology, or microbial ecology preferred. Primary teaching responsibilities will include general microbiology at the junior microbiology techniques and research interests, and names, telephone numbers, and e-mail addresses of three references to: Dr. Paul Rosenthal, Professor and Head, Department of Biology, The Citadel, 171 Moultrie Street, Charleston, South Carolina 29409. Fax: 843-953-5295. E-mail: chemfac08@citadel.edu. Additional information is available at the Department of Biology website: http://www.citadel.edu/citadel/otherserv/biol/. The Citadel is an Equal Opportunity/Affirmative Action Employer actively committed to ensuring diversity in all campus employment. (061114)

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The Departments of Atmospheric Science and Renewable Resources at the University of Wyoming seek a distinguished scholar for the new Wyoming Excellence Chair in Atmosphere-Biosphere Interaction. This endowed position will be filled at the rank of associate or full professor. The successful candidate will have an earned PhD degree in atmospheric or life sciences, and should be eligible for appointment with tenure in the Department of Atmospheric Science. Candidates with an internationally recognized research program focused on processes controlling atmosphere-biosphere interaction are invited to apply. Preference will be given to those involved with data, ranging from measurements in the field to data assimilation into climate models linking the atmosphere to terrestrial ecosystems. The successful candidate will be expected to maintain an active research program, advise graduate students, manage a research team, and develop courses such as climate-ecology interaction, surface flux processes and measurements, or climate change dynamics. The position includes a very attractive start-up package and access to a suite of research facilities, including an NSF-supported King Air research aircraft, the Stable Isotope Facility, the Environmental Simulation Laboratory, the W. M. Keck Aerosol Laboratory, and the Elk Mountain Observatory.

The University of Wyoming has strong research programs in atmospheric and terrestrial (land surface) sciences and a successful cross-disciplinary doctoral Program in Ecology (PiE). It is forging new ties with the National Center for Atmospheric Research (NCAR) through joint supercomputing endeavors. The successful candidate is expected to interact with faculty and students in PiE and with NCAR scientists. More information of relevance to this position can be found at:

http://wwweng.uwyo.edu/info/WyoExcelChair/

Applications must include (a) a letter of interest stating research intentions and teaching interests, (b) a list of the five most relevant publications, all publicly accessible, (c) the names and contact information for at least three references, and (d) a curriculum vitae. Screening of applications will begin on November 10, 2008 and will continue until the position is filled.

Applications may be mailed to:
ABI Chair Search Committee
Dept. of Atmospheric Science, Dept. 3038
1000 E. University Avenue
Laramie, WY 82071, USA

E-mail submissions are preferred:
ecoclim@uwyo.edu
For additional information, contact the search committee chair Dr. Bart Geerts
(geerts@uwyo.edu, +1 307 766 2261)

The University of Wyoming is a Carnegie Foundation Research/Doctoral Extensive Institution, and adheres to the principles of equal employment opportunity and diversity and welcomes applications from qualified individuals, independent of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation or political belief. We welcome applications from diverse groups, including women and people of color, and international candidates.
Positions

NIH

THE NATIONAL INSTITUTES OF HEALTH

Director of the Extramural Office of Translational Research
National Institute of Neurological Disorders and Stroke
National Institutes of Health

Recent advances in neuroscience have created unprecedented opportunities to develop effective new treatments for the many disorders that affect the nervous system. The National Institute of Neurological Disorders and Stroke (NINDS) is at the forefront of efforts to translate discoveries in basic research into therapeutic interventions for neurological disease. NINDS seeks a Director of its recently reorganized Office of Translational Research, to lead the development of new therapies and oversee ongoing translational programs. The Director will report directly to and advise the NINDS Director on translational programs, and will represent the Office of Translational Research at an executive level within NINDS and on trans-NIH and trans-agency programs. Programs within the Office of Translational Research will include a collection of high-risk, milestone-driven projects focused on obtaining IND or IDE approval for new diagnostic and treatment strategies. The Director will work with the NINDS Office of Clinical Research to transition promising therapies into initial studies in patients, work closely with the extramural research community and build partnerships with nonprofit research organizations and companies, and set priorities for the Institute’s grants to small businesses (SBIR and STTR). The successful candidate for this position will have an international reputation for accomplishments in translational neuroscience research, and have demonstrated skills, knowledge, and experience in therapeutic development, project management, technology transfer, and public-private partnerships. Consistent with the required qualifications, the individual will be appointed as a Science Executive in Title 42. Application for this position should be sent to: Dr. Story Landis, Director, NINDS, c/o Lisa Reyes, Building 31, Room 8A52, NIH, Bethesda, MD 20892. Evaluation of applications will begin September 1, 2008. The NINDS is one of the Institutes of the National Institutes of Health, a component of the Department of Health and Human Services.

Director of the Extramural Office of Clinical Research
National Institute of Neurological Disorders and Stroke

The National Institute of Neurological Disorders and Stroke (NINDS) announces a search for a Director of the Office of Clinical Research. The NINDS is the major funding agency for clinical research in hundreds of neurological conditions. The Institute has a vital interest in therapeutics research aimed at relieving the burden of neurological disease. The NINDS Director position offers the opportunity to make a unique and extraordinarily important contribution to the future neurologic health of the nation. The Director will be responsible for managing the NINDS portfolio of clinical trials and coordinating the clinical research effort within the Division of Extramural Research. In addition the Director will facilitate the transition of promising therapies coming from the Office of Translational Research into clinical trials. The Office of Clinical Research works with investigators to plan, pilot and execute major trials in clinical neuroscience and also helps coordinate NINDS training and educational programs in clinical research. The Office also oversees the operation of clinical trial networks in stroke, emergency neurology, and Parkinson’s disease. It collaborates with other NIH institutes on clinical trials that fall within the NINDS mission including the Clinical Translational Science Award (CTSA) program. The Director of the Office of Clinical Research will report directly to the NINDS Director. The successful candidate for this position will have already established an international reputation for clinical neuroscience research as well as have demonstrated skills in the design, management, and analysis of clinical trials. A broad background in neuroscience and working in a team environment is also critical. Consistent with the required qualifications, the individual will be appointed as a Science Executive in Title 42. Application for this position should be sent to: Dr. Story Landis, Director, NINDS, c/o Lisa Reyes, Building 31, Room 8A52, NIH, Bethesda, MD 20892. Evaluation of applications will begin October 15, 2008. The NINDS is one of the Institutes of the National Institutes of Health, a component of the Department of Health and Human Services.
The National Institute of Allergy and Infectious Diseases (NIAID), the second largest Institute of the world renowned National Institutes of Health (NIH), is searching for exceptionally talented, knowledgeable and motivated Medical Doctors (MD) or Doctors of Osteopathy (DO) interested in the causes, diagnosis, prevention, and treatment of infectious, immunologic, and allergic diseases. NIAID is on the cutting edge of medical and scientific research/discovery in areas such as HIV/AIDS, malaria, tuberculosis, illnesses from potential agents of bioterrorism, and many more.

NIAID currently has several Medical Officer positions available within three NIAID extramural divisions: The Division of Acquired Immunodeficiency Syndrome (DAIDS); the Division of Allergy, Immunology, and Transplantation (DAIT); and the Division of Microbiology and Infectious Diseases (DMID). The selected physicians will provide medical and scientific leadership, advice, and oversight of a broad, coordinated national and/or international extramural program that deals with biomedical research issues.

To qualify for these positions, candidates must be US Citizens with a MD or DO degree from a school in the US or Canada OR a Doctor of Medicine or equivalent degree from a foreign medical school substantially equivalent to accredited schools in the US.

For a complete list of duties and qualifications, and to apply for these Medical Officer positions, please visit: www.usajobs.gov:

Vacancy announcement number: HHS/NIH-2008-0955
Salary: $84,641 - $127,442 (GS-602-13 or GS-602-14) plus a Physician’s Comparability Allowance (PCA) of up to $30,000 per annum may be paid based on selected physician’s assignment, qualifications, experience, and duration of a negotiated service agreement.

Salary is commensurate with experience and a full package of benefits is available including retirement, health and life insurance, long term care insurance, leave, and savings plan (401K equivalent).

Applications must be submitted to a Human Resource representative by December 24, 2008

To learn more about NIAID and how you can play a significant role in this exciting and dynamic research organization, please visit: http://healthresearch.niaid.nih.gov/mo
The National Institute of Allergy and Infectious Diseases (NIAID), a major component of the NIH and the Department of Health and Human Services, is recruiting a Staff Scientist in the Receptor Cell Biology Section (http://www3.niaid.nih.gov/labs/aboutlabs/lig/receptorCellBiologySection/) of the Laboratory of Immunogenetics (LIG). The research activity involves studies on: (1) the cell biology and regulation of gene expression of NK cell associated activating/inhibitory receptors in both NK and T cells; (2) identifying the ligands and discerning the function of certain “orphan” inhibitory/activating receptors; and (3) factors regulating activation induced cell death in NK cells.

We are looking for a highly motivated, experienced, and creative individual with a Ph.D. or M.D. and at least 5 years of postdoctoral experience who is capable of working independently. Preference will be given to candidates who have experience in molecular biology techniques, including gene regulation analysis; monitoring lymphoid/myeloid cells by flow cytometry and functional assays; confocal microscopy; working with mouse colonies, including models for diseases; and analysis of receptor signaling, endocytosis and trafficking.

Applicants should submit their curriculum vitae, letter of research interests, and names and addresses of three references to: John E. Coligan, Ph. D., Head, RCBS, LIG, NIAID. (jcoligan@niaid.nih.gov)

To learn more about NIAID and to view additional job opportunities please visit: http://healthresearch.niaid.nih.gov/lig

The Laboratory of Molecular Carcinogenesis is recruiting a Tenure-Track Investigator – Embryonic Stem Cell Biologist with intellectual and research strengths in, but not necessarily limited to, regulation of gene expression, development, chromatin and epigenetics. The successful applicant will be expected to establish a high-quality independent research program in stem cell biology, relevant to cancer, within a group with diverse research interests and backgrounds but focused upon the molecular and environmental mechanisms of carcinogenesis. Excellent start-up funds, salary, and benefits package will be provided. The applicant will have access to state-of-the-art equipment and research core facilities at the NIEHS. Applicants should have a Ph.D, M.D. or equivalent doctoral degree with 3 years of postdoctoral research experience, and a strong publication record. Research experience with cancer models is desirable but not mandatory. Time before tenure review will be dependent upon qualifications and performance, not to exceed 6 years. For additional information concerning this position, contact Dr. Trevor Archer, Chief, Laboratory of Molecular Carcinogenesis (archer1@niehs.nih.gov). Interested persons should send their curriculum vita with a statement of research interests, and arrange for three letters of recommendation to be submitted to the following address. Applications received by November 10, 2008 will be given first consideration. Applications received after that date will be considered only if the position has not been filled.

Mr. Will Williams (DIR-08-04)
P.O. Box 12233, Maildrop A2-06
111 Alexander Drive, Room A235
Research Triangle Park, NC 27709
dir-apps@niehs.nih.gov

The Laboratory of Structural Biology in the Division of Intramural Research of the National Institute of Environmental Health Sciences is seeking a Tenure-Track Principal Investigator in X-ray crystallography. Applicants should have a doctoral degree, a clear record of accomplishment in X-ray crystallography, and plans to develop a strong and original research program to investigate the structure and function of proteins involved in determining biological responses to environmental stress. While applicants proposing research in all areas related to the structure of biological macromolecules will be considered, we are particularly interested in candidates proposing research plans that coincide with areas of strength in the NIEHS Intramural Program, including but not limited to signal transduction, nuclear hormone receptor signaling, epigenetics, DNA replication and repair, and pulmonary biology. More information on the NIEHS Intramural Research Program can be found at http://www.niehs.nih.gov/research/atiniehs/index.cfm. Salary will be commensurate with experience and level of accomplishments. Time before tenure review will depend upon qualifications, but will not exceed 6 years. Applications from women and members of minority groups are particularly welcome. Applicants should submit a curriculum vita, a bibliography, a summary of past research, and a 2-3 page statement of future research plans, and should also arrange for three letters of recommendation to be sent to the address below by November 14, 2008. Applications received after that date will be considered as needed. For additional information, contact Dr. Michael Resnick, Search Committee Chair, at resnick@niehs.nih.gov.

Ms. Cindy Garrard (DIR-08-05)
P.O. Box 12233, Maildrop A2-06
111 Alexander Drive, Room A235
Research Triangle Park, NC 27709
dir-apps@niehs.nih.gov
Program Director in Diabetes and Obesity Basic Research
Health Scientist Administrator, GS-13/14

The Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health (NIH) is expanding its programs in diabetes and obesity research. An opportunity exists for a basic scientist to join a dedicated and dynamic group of health scientist administrators to help guide NIH funded research in diabetes and obesity.

A basic scientist with expertise in the areas molecular genetics, cell biology, molecular endocrinology, and/or cell metabolism relevant to diabetes and obesity is sought for this position. The Program Director will be responsible for oversight of research grants as well as the management and participation in team science and development of potential initiatives in these areas.

This position involves close interaction with leading researchers, scientific administration of grants and contracts, program planning and development, and the opportunity to organize and attend scientific meetings. A successful candidate will have basic research experience, with a track record of publications in research in molecular genetics, cell biology, molecular endocrinology and/or cell metabolism relevant to diabetes and obesity, excellent interpersonal and written communications skills, the ability to identify research priorities and opportunities, and the ability to track and analyze the success of initiatives and programs. In carrying out these responsibilities, the Program Director will interact with national leaders in diabetes and obesity research. Many DDEMD research activities are conducted through partnerships between the NIDDK and other components of NIH and DHHS, as well as voluntary organizations. The Program Director will play a leadership role in fostering these partnerships.

This position is subject to a background investigation. Applicants must be U.S. citizens with an advanced degree (Ph.D. or equivalent) along with relevant independent basic research. The position is located in Bethesda, Maryland. Salary and benefits will be commensurate with the experience of the applicant.

Position requirements and detailed application procedures are provided on Vacancy Announcement Numbers: NIDDK-08-286035-CR-DE and NIDDK-08-286035-CR-MP, which can be obtained by accessing WWW.USAJOBS.GOV. All applications must be received by 11/07/2008. For additional information, contact Karen Page at (301) 496-4232.

The NIH Director’s Wednesday Afternoon Lecture Series

Biomedical scientists around the world are invited to join us online to hear leading investigators present their latest results to the NIH Intramural Research community. Lectures may be viewed live at 3:00 p.m., EST (20:00 GMT) on Wednesdays, from September through June. Live webcasts can be viewed under “Today’s Events” at: <http://videocast.nih.gov/>

The current schedule of lectures is available at: <http://www1.od.nih.gov/wals/schedule.htm>

Upcoming Lectures:

• October 1: Ana Maria Cuervo, Albert Einstein College of Medicine: Chaperone-Mediated Autophagy: Tales from an Old ‘Pricky’ Broom
• October 8: Warner Greene, Gladstone Institute of Virology and Immunology, UCSF: The APOBECs: A Biodefense Against ‘Retro-threats’ Foreign and Domestic
• October 22: Elaine Ostrander, NIH, NHGRI: Genetics and the Shapes of Dogs
• October 29: Roger Kornberg, Stanford University Medical Center, The Molecular Basis of Eukaryotic Transcription
FACULTY POSITIONS
Center for Genomics & Systems Biology
DEPARTMENT OF BIOLOGY

As part of a multi-year hiring plan, New York University’s Center for Genomics & Systems Biology in the Department of Biology invites applications for multiple faculty positions (rank open) to begin September 1, 2009, or as negotiated, pending administrative approval. Candidates investigating fundamental biological and cellular mechanisms at the level of systems and networks using high throughput approaches and/or computational methods are especially encouraged to apply.

Candidates will be expected to have or develop active, externally funded research programs and to participate in the department’s teaching activities at both the undergraduate and graduate levels. The Center and the Biology Department (http://biology.as.nyu.edu/) offer an outstanding and collegial research environment. Strong interactions exist with faculty in its associated Center for Developmental Genetics (which is undergoing a parallel faculty search), and with other divisions within NYU including, The Courant Institute of Mathematical Sciences and The Skirball Institute for Biomolecular Medicine.

Applications should include cover letter, research statement, curriculum vitae, and three letters of reference. Electronic applications as PDF files should be sent to biology.recruitment@nyu.edu

Selection will begin November 1, 2008 and applications received before this date will be guaranteed full evaluation. Letters of reference should be sent electronically or to: Chair of the Search Committee, Center for Genomics & Systems Biology, Department of Biology, New York University, 1009 Silver Center, 100 Washington Square East, New York, N.Y. 10003.

NYU is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS IN BIOCHEMICAL & METABOLIC ENGINEERING, SYSTEMS & SYNTHETIC BIOLOGY

The University of California, Berkeley, seeks applicants at both the senior and junior levels for three tenured/tenure-track faculty positions in the general areas of microbial and metabolic engineering, synthetic biology and systems biology, to be held in either the Department of Bioengineering within the College of Engineering, or in the Department of Chemical Engineering within the College of Chemistry. These positions are supported by the Energy Biosciences Institute, which will provide significant resources and collaborative opportunities for individuals to develop a leading-edge program in biofuels research (http://www.energybiosciencesinstitute.org). Both start-up and multi-year research funds will be available from the EBI for the bioenergy components of the individuals’ research programs.

While applicants whose research is directed at the above areas are of particular interest, creative and energetic individuals who show extraordinary promise or accomplishment in other areas relevant to EBI will be considered. Applicants must have a Ph.D. and evidence of outstanding scholarship within a relevant discipline.

Applications should include a resume, statements of research and teaching interests, selected publications, and the names of three references. The application period closes December 15, 2008, and applications received after that date will not be considered. Candidates will be reviewed on an ongoing basis, and early application is recommended.

To apply, go to: http://bioeng.berkeley.edu/career/ebifaculty.php

Online applications are strongly encouraged, however application materials may be mailed to EBI Search Committee, 306 Stanley Hall, UC Berkeley, Berkeley, CA 94720-1762.

Recommenders providing letters of reference should submit them directly via the URL listed above. Recommenders may view the UC Berkeley Statement of Confidentiality at http://apo.chance.berkeley.edu/evalltr.html.

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

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

The UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and
across the entire University, seeks outstanding candidates for tenure-track faculty positions at all levels in basic and
translational cancer research. Supported in part by the University Cancer Research Fund, which this year provides
$40 million for cancer research at UNC Chapel Hill, this broad-based recruitment seeks outstanding scientists in a
number of areas, including but not limited to: animal models, signal transduction, cancer genetics, bioinformatics,
virology, 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, 2008
and until the positions are filled.

Applicants must submit a curriculum vitae, a description of research plans, and names of three references through
the UNC Chapel Hill’s web-based system: http://hr.unc.edu/jobseekers/. Follow the links to EPA Faculty open
positions and then use Recruitment ID 1000964. Click Apply Now or Apply for this Position links. Please note that
application may first require registration in the system and then application. PDF documents are preferred.

The University of North Carolina at Chapel Hill is an equal opportunity/ADA Employer.
Women and minorities are encouraged to apply.

Supported by the University Cancer Research Fund.
Faculty Position  
Department of Biochemistry and Molecular Biology and Sealy Center for Cancer Cell Biology  
The University of Texas Medical Branch (UTMB)

The Department of Biochemistry and Molecular Biology and Sealy Center for Cancer Cell Biology at UTMB are seeking outstanding candidates for tenure-track faculty positions at the Assistant or Associate Professor level. The ideal candidate will have extensive experience in biochemical, genetic, and other state-of-the-art approaches to elucidate the mechanisms of DNA repair and/or other related areas such as DNA replication, carcinogenesis, cell cycle control, checkpoints, and signaling. In addition, the successful candidate will have demonstrated academic scholarship in the form of publications in major peer-reviewed journals, a record of continued extramural research funding or the potential to establish a funded program, and a willingness to work in a highly collaborative and interdisciplinary environment. Candidates will have opportunities to interact with established biomedical researchers and will be expected to become outstanding mentors of graduate students and postdoctoral fellows. Ample opportunities exist for interactions and affiliations with other centers of scientific excellence in aging, structural biology and molecular biophysics, chemical biology, molecular medicine, environmental health, and tropical diseases, and access to a wide variety of core services are available such as transgenic mice, organic synthesis, protein chemistry, mass spectrometry, optical imaging, and others.

An attractive recruitment package of salary, start-up and suitable space will be offered. Diversity is a key UTMB core value, and we actively seek diversity in our applicant pools, including ethnic, cultural, gender, and research interests. UTMB is home to the oldest medical school in the state and has a research base that rivals most public universities in the country. Its culture of collaboration between departments in conducting research and in teaching is one of the strengths of the institution.

Interested applicants should submit a curriculum vita, a summary of research accomplishments, future goals (3-5 pages), and contact information for three to five references to: Louise Prakash, Professor, Department of Biochemistry and Molecular Biology, The University of Texas Medical Branch, 301 University Blvd., Galveston TX 77555-1061; Lprakash@utmb.edu.

UTMB is an Equal Opportunity/Affirmative Action Institution which proudly values diversity. Members of all backgrounds are encouraged to apply.

Our work is someone’s hope. Join us.

Merck & Co. Inc., established in 1891, is a global research-driven pharmaceutical company dedicated to putting patients first. Join us and experience our culture first-hand – one of strong ethics & integrity, diversified experiences and a resounding passion for improving human health. As part of our global team, you’ll have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.

Senior Research Biologist

In this position, you will help support a variety of investigative vaccine programs by purifying and characterizing biomolecules such as proteins, polysaccharides and peptides. This involves designing purification processes to isolate biomolecules, characterizing purified products and process intermediates, tracking results, developing analytical assays, and preparing manuscripts for the publication of scientific information, patent applications and other internal documentation.

To qualify, you must have a PhD in biochemistry or a related field, 1-3 years’ related experience, and exceptional communication and problem-solving skills. Experience with state-of-the-art separation technologies, including chromatography, membrane filtration and centrifugal methodologies, is required. Proficiency in gel electrophoresis, immunoblotting, and standard accepted methods for protein quantitation (e.g., UV spectroscopy and colorimetric assays) is crucial. You must also have a working knowledge of NMR spectral interpretation, CD and fluorescence spectroscopy, and ELISA assay development.

To be considered for this position, please visit our career site at merckcareers.jobs/1753 to create a profile and submit your resume for requisition # B10001753. Merck is an equal opportunity employer, M/F/D/V – proudly embracing diversity in all of its manifestations.

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Vice-Chair for Research/Open Rank

The Department of Anesthesiology, University of Texas Health Science Center at San Antonio, Texas (UTHSCSA) invites nominations and applications for the position of Vice-Chair for Research (VCR). As the chief research officer for the department, the VCR is responsible for implementation of the research vision, the overall management of departmental research activities, and the administration of sponsored research. The VCR will engage in multidisciplinary collaboration within UTHSCSA—a Clinical and Translational Science Award (CTSA) grantee—and its affiliated institutions.

Qualifications for this position include an M.D., M.D.-Ph.D., or Ph.D. degree in an appropriate field of study. The successful candidate will have a national/international reputation as a distinguished scientist with an outstanding record of research accomplishments; a proven track record of directing a research enterprise; outstanding communication skills as evidenced by an ability to mentor junior faculty, scientists, residents, and students. The candidate must be a critical and strategic thinker and a visionary leader who can develop and enhance the research enterprise; and one who can demonstrate expertise in crafting interdisciplinary proposals and negotiating multi-faceted awards. One or more currently funded NIH grant(s) and experience in translational research is highly desirable. Given the excellent research infrastructure in neurobiology at UTHSCSA, research experience in pain medicine would be a plus.

For more information, please visit our website at www.anesthesia.uthscsa.com. To apply or nominate a candidate for the position of Vice-Chair for Research, Department of Anesthesiology, U.T. Health Science Center at San Antonio, please submit a current CV, supporting documents, and names and addresses of five references to: J. Jeffrey Andrews, M.D., Chair, Department of Anesthesiology – MSC 7838, U.T. Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78229.

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

Research Assistant Professorships and Post-doctoral Fellowships

Applications are invited for a number of positions as Research Assistant Professor (RAP) (Ref.: RF-2008/2009-149) and Post-doctoral Fellow (PDF) (Ref.: RF-2008/2009-150), at the University of Hong Kong, on or before July 31, 2009. Appointments will be made for a period of 2 to 3 years.

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

- School of English
- Faculty of Dentistry
- Faculty of Education
- Electrical and Electronic Engineering
- Mechanical Engineering
- Law
- Biochemistry
- Centre for Cancer Research
- School of Chinese Medicine
- Community Medicine
- Research Centre of Infection and Immunology
- Diagnostic Radiology
- Medicine
- Microbiology
- Orthopaedics and Traumatology
- Public Health Research Centre
- Centre for Reproduction, Development and Growth
- Surgery
- Chemistry
- Physics
- Geography
- Kadoorie Institute
- Hong Kong Institute for the Humanities and Social Sciences

Research Assistant Professors

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

Post-doctoral Fellows

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

Procedures

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

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

Further particulars and application forms (152/708) can be obtained at https://www.hku.hk/apptunit/ or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hkucc.hku.hk). Closes October 17, 2008. Candidates who are not contacted within 3 months of the closing date may consider their applications unsuccessful.
DEPARTMENT HEAD OF PHARMACEUTICAL & BIO MEDICAL SCIENCES
THE UNIVERSITY OF GEORGIA COLLEGE OF PHARMACY

The University of Georgia College of Pharmacy invites applications and nominations for the position of Head of the Department of Pharmaceutical & Biomedical Sciences from individuals with experience, vision and leadership in drug discovery/development.

The successful candidate should be a dynamic individual with a major research interest in drug discovery/development related sciences, including but not limited to synthetic medicinal chemistry, combinatorial chemistry/high throughput screening, bioinformatics, pharmacogenomics, structural biology, computer-assisted drug design, pharmaceutics or molecular & biochemical pharmacology.

The College anticipates completion of a new building, adjacent to the present structure which will provide an additional 93,000 gross square feet of new state-of-the-art teaching and research space in Summer 2009. For a complete position description and more information, please visit our website at www.hr.uga.edu/dept-head-pharm.pdf

Applications received by January 4, 2009 are assured consideration. Application materials should include a cover letter of interest and a complete curriculum vitae. References are not necessary for application at this time but may be requested later in the process.

Email submissions with attachments are preferred. Please send to: executive-search@uga.edu In lieu of email submission, written application materials may be directed to:

University of Georgia, Human Resources
Search Committee, Department Head PBS
C/o Executive and Faculty Search Group
215 S. Jackson Street
Athens, GA 30602

Confidential requests for information should be directed to Lindsey Van Note, Executive Recruiter, Executive and Faculty Search Group, University of Georgia, 706-542-6240

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

OPEN FACULTY POSITIONS

The Department of Genome Sciences at the University of Washington is continuing a major expansion under its chair, Dr. Robert Waterston. Research in the Department encompasses both genetic and genomic analyses of humans and model organisms. The department also has a significant focus in technology development and in computational biology across all levels including sequence, expression, proteomics, network, and genetic analysis. The Department invites applications in any of these areas for two faculty positions at the rank of ASSISTANT PROFESSOR, although exceptional candidates may be considered at the rank of ASSOCIATE or FULL PROFESSOR. Both positions involve establishing an active research program as well as teaching duties. Applicants should hold a Ph.D. and/or M.D. degree. Applications will be reviewed upon receipt until December 1, 2008. Candidates should email their curriculum vitae and statement of research and teaching interests to faculty-search@gs.washington.edu, and arrange to have three signed letters of reference sent by mail. Contact:

Search Committee Chair
Department of Genome Sciences
University of Washington
Box 355065
Seattle, WA 98195
faculty-search@gs.washington.edu

For additional information that may be helpful in preparing an application, see the Department’s web site at http://www.gs.washington.edu.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University of Washington Faculty engage in teaching, research and service.

Postdoctoral Associate

Stony Brook University’s Pharmacology Sciences Department is seeking a Postdoctoral Associate. This position is available for those holding a Ph.D./D. Sc., or equivalent in the biological sciences.

Required: Experience in cell signaling including microscopy/imaging of autofluorescent proteins, siRNA techniques, overexpression techniques. The localization, trafficking, and function of mammalian Dishevelleds will be explored at the cellular level using molecular biological, proteomics, FRET/BRET and imaging techniques.

Preferred: Up to two years of prior postdoctoral training. Prior experience in cell signaling analyses, GFP-tagged molecular localization and oGPH biology and/or Wnt signaling is desirable.

For a full position description, or to view the application procedure(s), visit www.stonybrook.edu/jobs (REF: HS-R-5194-08-09-S). To apply submit a cover letter and résumé to:
Dr. Craig G. Malbon, Leading Professor Pharmacology Sciences Department Health Sciences Center, T-7, Room 162 Stony Brook University, SUNY Stony Brook, NY 11794-8651 craig@pharm.sunysb.edu

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

Research Group Leader

Research at the MPI-CBG focuses on the molecular mechanisms underlying the structure and organization of cells and tissues (see http://www.mpi-cbg.de). In this search we are especially looking for applicants interested in the control of size, shape and/or number at the organelle, cell or tissue level, though all excellent candidates will be considered. We particularly encourage applicants taking biochemical or electron microscopic approaches to cell polarity, the cortex or morphogenesis in model organisms, including the mouse.

The working language at the MPI-CBG is English and fluency in English is required. The position is initially for 5 years with the possibility of extension for up to an additional 4 years. The position will be compensated according to the TVöD scale EG15. Funds are available for a postdoctoral fellow, a PhD student and a technician, together with funds for consumables and equipment. For further information contact Prof. Dr. Marino Zerial by email (zerial@mpi-cbg.de). In this search we are especially looking for applicants taking biochemical or electron microscopic approaches to cell polarity, the cortex or morphogenesis in model organisms, including the mouse.

The Max Planck Society is committed to increase the number of female scientists. The Max Planck Institute of Molecular Cell Biology and Genetics Dresden, Germany is seeking outstanding candidates for Research Group Leader

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The Max Planck Society is committed to increase the number of female scientists. The Max Planck Society is committed to increase the number of female scientists.

The Max Planck Society is committed to employ more disabled persons. Women are particularly encouraged to apply.

Please send your CV, publication list and a short description of research accomplishments and future plans to the address below by October 3, 2008. Two letters of recommendation should be sent separately by the application deadline to:

Personnel Department
Code: 2008-RGL-1040@mpi-cbg.de
Max Planck Institute of Molecular Cell Biology and Genetics
Pforzheimerstr. 108, 01307 Dresden, Germany
Or e-mail: 2008-RGL-1040@mpi-cbg.de
The newly established Program in Bioinformatics and Integrative Biology continues to invite applications for tenure-track or senior tenured professor positions. We are seeking innovative, energetic and collaborative individuals who plan to develop strong computational research programs to tackle problems in one of the following areas: regulatory genomics, comparative genomics, systems biology, RNA biology, evolutionary biology, statistical genetics, or proteomics. Exceptionally strong candidates in other computational biology areas will also be considered. Wet bench research space can be arranged for individuals who are interested in performing experiments to augment their computational efforts.

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

Applicants should submit a cover letter explaining their interest in the Program, a curriculum vitae that includes honors, publications, and a succinct research plan to http://www.academicjobsonline.org. To expedite the review process, applicants should invite three individuals who are familiar with your work and potential for success to upload their recommendation letters at the same web address. Applications will be reviewed expeditiously, and interviews will begin in November, 2008. Inquiries, but not application materials, may be directed to Professor Zhiping Weng at zhiping.weng@umassmed.edu.

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

INTERDISCIPLINARY POSTDOCTORAL FELLOWSHIPS

The Systems-based Consortium for Organ Design and Engineering (SysCODE) integrates developmental biology, computational genomics, and tissue engineering to create molecular blueprints for building organ parts from stem cells.

SysCODE offers a two-year postdoctoral fellowship program.

**SysCODE PROGRAM CHARACTERISTICS**

- Conduct research in the laboratories of two SysCODE mentors
- Pursue questions at the interfaces among disciplines
- Contribute to the design and engineering of cardiac valves (for valvular heart disease), pancreatic islets (for Type 1 diabetes), or tooth germ (for tooth loss)
- Your accomplishments will put you on a trajectory to becoming an independent investigator
- Appointment at Harvard, MIT, Boston University, or Vanderbilt
- U.S. citizens and Non-U.S. citizens can apply

**TO APPLY:** Please submit to TrainingProgram@SysCODE.org:

1. Description of prior research experience and reasons why the SysCODE Training Program is appropriate for you (Max. of 1 page)
2. The names of potential SysCODE mentors (At least two should be from different disciplines)
3. Your CV
4. Three letters of recommendation

Please visit our site for more information: www.SysCODE.org
Assistant and/or Associate Professor of Human Genetics

The Department of Human Genetics at the University Of Utah School Of Medicine is currently expanding, recruiting three new investigators over the next three years to build upon existing strengths in Human Genetics and Developmental Biology.

We are seeking outstanding applicants at the level of Assistant and/or Associate Professor in the broad fields of genetics and functional genomics, including but not limited to human genetics, genetic approaches to complex disease, population genetics, behavioral genetics, regenerative medicine, developmental genetics and animal models of human disease. Our department has a strong history in human genetics and resources, such as the Utah Population Data Base, that are unique in the world. These resources have created a highly productive and collaborative environment between researchers, clinicians and the community.

Creative scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive a substantial start-up package and enjoy a stimulating and supportive research environment.

Applicants should submit curriculum vitae, a summary of research plans, relevant reprints and/or preprints and three letters of reference to:

Dr. Mario R. Capecchi
Distinguished Professor, Department of Human Genetics
Howard Hughes Medical Institute
University of Utah School of Medicine
15 North 2030 East, Room 2130
Salt Lake City, UT 84112-5330

Application materials, including letters of reference, should be submitted by November 7, 2008.

The University of Utah is an Equal Opportunity/Affirmative Action Employer, encourages nominations and applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

ASSISTANT PROFESSOR

EPIGENETICS OR GENOMICS

DEPARTMENT OF GENETICS

HARVARD MEDICAL SCHOOL

The Department of Genetics invites applicants for a tenure-track position at the level of Assistant Professor. We are seeking individuals with a strong potential for creative research within the broad areas of epigenetics and genomics, including -- but not limited to -- pharmacogenetics, environmental and chemical genetics, and the genetics of genome instability. The successful candidate is expected to direct innovative and independent research and participate in the teaching of graduate and medical students. This position offers significant scholarly freedom and scientific resources as well as the opportunity to interact collaboratively with other dedicated researchers within the diverse Harvard research community. For further information about our Department, please see our Web Page:

http://genetics.med.harvard.edu

Applicants should submit electronic copies of curriculum vitae, bibliography, a brief description of research accomplishments and future research interests (limit to 500 words) by November 15, 2008, and ask three references to provide letters of recommendation. These materials should be uploaded at the following web address:

http://genetics.med.harvard.edu/genetics_fall_2008/

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

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

Faculty Position in Chemical Biology

The Life Sciences Institute (LSI) at the University of Michigan invites applications for a position at the rank of Assistant or Associate Professor. Successful candidates will have demonstrated research productivity and will be expected to maintain an independent and innovative, funded research program and to participate in graduate training. This is an opportunity to join a strong, interactive department at Baylor College of Medicine in the rich scientific setting of the renowned Texas Medical Center. Current research interests of our department faculty focus on viral and bacterial gene expression, microbial pathogenesis, viral oncology, RNA and DNA viruses of human diseases, the human microbiome, vaccine development and evaluation, and microbial genomics and proteomics.

Outstanding core facilities are available, including BSL-2 and new BSL-3/3E containment facilities for handling infectious agents and infected small animals. Multidisciplinary research centers, including the Dan L. Duncan Cancer Center and the Center for AIDS Research, facilitate collaborations. Candidates in the following areas are invited to apply:

• Tumor Virology — Applicants with an interest in emerging infectious disease or biodefense bacterial pathogens and expertise in host–pathogen interactions or host responses to infection are particularly encouraged to apply. Email: BCM-MVM-facultypos3@bcm.edu.
• Bacterial Pathogenesis — Applicants with an interest in emerging infectious disease or biodefense bacterial pathogens and expertise in host–pathogen interactions or host responses to infection are particularly encouraged to apply. Email: BCM-MVM-facultypos5@bcm.edu.

Applicants should submit a curriculum vitae, a statement of research experience, a summary of future plans, and names of three references by November 1, 2008 to: Dr. Janet S. Butel, Faculty Recruitment Committee, Department of Molecular Virology and Microbiology, Mail Stop: BCM385, Baylor College of Medicine, Houston, TX 77030. E-submission preferred using the email address listed for each position.

Baylor College of Medicine is an Equal Opportunity, Affirmative Action Employer.
**INSTITUTE FOR GENOME SCIENCES**

The newly created Institute for Genomes Sciences (IGS) at the University of Maryland, School of Medicine seeks to fill several IT and Bioinformatics positions.

The Institute is led by Claire M. Fraser-Liggett, Ph.D., one of the world’s preeminent genome scientists and previous Director and President of the Institute for Genomic Research (TIGR). The Institute for Genome Sciences houses an interdisciplinary, multi-departmental team of collaborative investigators with a broad spectrum research program related to the genomics of infectious disease agents, human microbial metagenomics, functional genomics, and bioinformatics.

Within the Institute are two state-of-the-art resource centers: the Genomics Resource Center (GRC), a high-throughput, state-of-the-art core laboratory supporting the scientific programs of IGS and external collaborators with multiple DNA sequencing, genotyping, and array platforms and the Informatics Resource Center (IRC) which provides genome assembly, annotation, and data analysis services.

We have several opportunities to join IGS, a world class institute to support genomic, basic, and translational research to improve human health at the University of Maryland, School of Medicine and beyond. We intend to accomplish this goal by leveraging the expertise of our domain experts, computational scientists, engineers, a state-of-the-art computational facility, and our partnerships with other universities and organizations.

IGS is in a period of rapid expansion with many new appointments anticipated in the next five years. Positions we are currently seeking to fill include:

- **BIOINFORMATICS ANALYSTS**
- **BIOINFORMATICS SOFTWARE ENGINEERS**
- **UNIX/STORAGE ADMINISTRATOR**
- **DATABASE ADMINISTRATORS**
- **WEB DEVELOPERS**

To view detailed job descriptions for open IGS positions see our website at [http://www.igs.umd.edu](http://www.igs.umd.edu)

Consideration of candidates will begin upon receipt of applications and will continue until the positions are filled.

AA/EOE/ADA

www.hr.umd.edu
Miller Chair in Plant Developmental Biology
Indiana University

The Department of Biology invites applications for a senior-level tenure-track faculty position. Applicants working on developmental questions in any plant system are encouraged to apply. Candidates should have an impressive record of research accomplishments recognized at the international level and should currently hold an associate or full professor appointment, or the equivalent. The Miller Chair offers an attractive salary and startup package, a generous annual endowment, and access to outstanding research resources and core facilities. Questions about the position should be addressed to search committee chair Roger Innes (812-855-2219, rlnnes@indiana.edu).

Applicants should mail a curriculum vitae, a statement of research and teaching interests, and representative publications and preprints to: Miller Chair Search Committee, c/o Jeremy Bennett, Department of Biology, Indiana University Bloomington, 1001 E. Third St., Bloomington, IN 47405. Please arrange to have at least six letters of recommendation sent by e-mail to: jebennett@indiana.edu. Applications will be reviewed until the position is filled.

Indiana University is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

Columbia University
Department of Pathology and Cell Biology
Division of Cell and Molecular Biology

Cell Biologist

Tenure-track faculty positions are available in the Division of Cell and Molecular Biology at the junior and senior levels (Professor-, Associate-, and Assistant-level) in basic and disease-related aspects of cell biology. Successful candidates would complement a growing cell biology community with strengths in cellular neuroscience, cell migration and division, and diverse aspects of cell dynamics. The recently combined Department of Pathology and Cell Biology includes the largest concentration of cell biologists at Columbia University, and has extensive additional interactions through graduate programs and joint meetings with the rest of the cell biology community at Columbia and throughout New York City. Areas of interest include advanced approaches to cell imaging, cell cycle, vesicular and nuclear trafficking, the biology of disease genes, cellular neurobiology, neurodegeneration, and host-pathogen cell biology, though candidates with expertise in other areas will also be considered. Ph.D. or M.D. degree required.

Candidates should submit one copy of a CV with 3-page maximum summary of research background and plans for Richard B. Vale, Department of Pathology and Cell Biology, P&S 15-405, Columbia University College of Physicians and Surgeons, 650 West 168th Street, New York, NY 10032.

Deadline for submissions is November 15, but applications will be evaluated as they are received. Additional information may be obtained at www.pathology.columbia.edu/facultyrecruit/

Columbia University is an equal opportunity/affirmative action employer.
The University of California, Berkeley invites applications for a position in the area of Computational Biology at the assistant professor level or higher starting July 1, 2009. The University has committed to establishing Berkeley as a premier institution for education, training and research in Computational Biology, with extensive research activities, full integration between multiple UC campuses through QB3, and relevant programs at the Lawrence Berkeley National Laboratory (LBNL) and the Joint Genome Institute (JGI). This position is associated with the Center for Computational Biology, which includes computational scientists across the full spectrum of the mathematical, physical, engineering and biological sciences, creating an exceptional environment for both research and education in this rapidly growing field. The focus of this position is on the physical sciences, and the holder of the position will have a primary appointment in an academic department appropriate to his or her interests.

Although outstanding applicants in all areas of computational biology are encouraged to apply, we are particularly interested in applicants working in the area of Computational Systems Biology. Areas of interest include, but are not restricted to:

- Modeling networks of gene regulation;
- Signal transduction;
- Protein/protein and protein/nucleic acid interactions; and
- Metabolomics.

We seek individuals with demonstrated excellence in research, and the potential for excellence in teaching and leadership. Successful applicants will be expected to establish a pre-eminent research and educational program, and develop and teach courses in appropriate areas of the computational biology at the graduate and/or undergraduate level.

Applicants should send a curriculum vitae, a selection of publication reprints (five or less), and a brief statement of research plans and teaching interests, highly preferred to be sent electronically, in pdf format, to the email address below. The applicant should also arrange for three letters of reference to arrive by December 1, 2008, to the same email address below. Please refer potential reviewers to the UC Berkeley Statement of Confidentiality found at:

http://apo.chance.berkeley.edu/evaltr.html.

ccb@berkeley.edu (electronic/pdf submissions strongly preferred) or

Chair, Computational Biology Search Committee
Center for Computational Biology
University of California, Berkeley
304 Stanley Hall #3220
Berkeley, CA 94720-3220

All applications must be complete by December 1, 2008 for consideration in this year’s recruitment cycle.

The University of California is an Equal Opportunity/Affirmative Action Employer.
**FACULTY POSITION in BIOPHYSICS**  
Center for Cell and Genome Science and the Department of Physics  
University of Utah

The Center for Cell and Genome Science and the Department of Physics of the University of Utah seek applications for a tenure-track faculty position in biophysics at the ASSISTANT PROFESSOR level. More senior applicants seeking a higher-level appointment are also welcome to apply. We seek creative and independent scientists working in any area of biophysics, including but not limited to statistical mechanics, statistical physics, and theoretical/numerical coarse-grained modeling who are pursuing quantitative, mechanistic approaches to fundamental problems in biology, including the application of novel methods from the physical sciences. Successful applicants are expected to develop a vigorous, independent research program and contribute to teaching. The new faculty member will be provided with outstanding infrastructure support as a member of the Center for Cell and Genome Science with a primary appointment in the Department of Physics, and will also have access to graduate students from Programs in Biology, Molecular Biology, Biophysical Chemistry, and Neuroscience. Please send a CV, a statement describing your research and teaching plans, and three letters of reference to: Nancy Kurtzborn (e-mail: nancykurtzborn@bioscience.utah.edu), CCGS Search Committee, Building 004, University of Utah, 257 South 1400 East, Salt Lake City, UT 84112-0840. Candidates must hold a Ph.D. degree or equivalent, preferably in physics or biophysics. Review of applications will commence November 1, 2008, and will continue until the position is filled. Equal Opportunity/Affirmative Action Employer; women, veterans, disabled persons, and members of underrepresented minorities are encouraged to apply.

**Thirty-Position Cluster Hire in the Environmental Sciences**  
Montana State University

The Department of Land Resources and Environmental Sciences (LRES) and Montana State University, Bozeman, are pleased to announce three new tenure-track faculty positions (80 percent research/20 percent teaching) to complement a strong multidisciplinary department. The three ASSISTANT PROFESSOR positions are (1) land-atmosphere interactions, (2) biogeochemistry, and (3) soil and environmental physics. These academic year positions are available beginning May 16, 2009. Screening will begin November 1, 2008, and will continue until a qualified applicant is obtained. To obtain a copy of the official vacancy announcement from website: http://lresources.montana.edu/newpositions.html or from the Montana State University website: http://www.montana.edu/osunfo/jobs/faculty. Please see our departmental website: http://lresources.montana.edu/index.html for information about LRES and the opportunity to join this vibrant and growing Department. MSU is an ADA/EEO/Opportunity/Affirmative Action/Veterans Preference Employer.

**FACULTY POSITION in Caribbean Medical School**  
Saint James School of Medicine (website: http://www.sjsm.org) is hiring faculty with teaching experience in any of the basic medical science subjects for their campus in Cali, Colombia (Bogota). The primary need is in pathology, physiology, and physical diagnosis. Applicants must be M.D. and/or Ph.D. with teaching experience in medical schools. U.S. experience is desirable but not essential. Retired personnel with experience in medical education are encouraged to apply. Excellent salary and benefits. Applicant must be fluent in English and willing to relocate. Submit resume to e-mail: career@sjsm.org or mail to: HRDS Inc., 1480 Renaissance Drive, Suite 300, Park Ridge, IL 60068 U.S.A.

**FACULTY POSITION, MICROBIOLOGY**  

**Evolutionary Developmental Biologist and Evolutionary Ecologist**  
The Department of Zoology, University of Hawaii at Manoa invites applications for the following two tenure-track positions, Evolutionary Developmental Biologist (ASSOCIATE PROFESSOR) whose research integrates developmental and evolutionary biology. Teaching responsibilities will include an advanced undergraduate course in developmental biology and a graduate course in the individual’s specialty. Evolutionary Ecologist (ASSISTANT PROFESSOR) to develop a research program focusing on adaptive radiation. Successful candidates are expected to exploit existing terrestrial models of diversification/speciation within and among the Hawaiian Islands. Teaching duties include an undergraduate course in ecology/evolution and graduate courses in the individual’s specialty. Applicants at the Assistant Professor (1-3) level must have a Ph.D. and relevant postdoctoral experience, evidence of significant research accomplishments, and a commitment to excellence in teaching. Applicants at the Associate Professor (1-4) level must have an additional four years of research experience at 1-3 or equivalent. Desirable qualifications for both positions include college teaching experience, evidence of successful grantmanship, management of a research project(s), and ability to interface with a diverse range of faculty interests and to work with an ethnically diverse student population. Salary commensurate with qualifications and experience. To apply send letter of application, curriculum vitae, statements of research and teaching interests, reprints of three publications, and names of three references to either the Developmental Biologist Search Committee, or Evolutionary Ecologist Search Committee, Department of Zoology, 2583 McCarthy Mall, University of Hawaii, Honolulu, HI 96822. Electronic mail may also be sent to: nancykurtzborn@hawaii.edu. Closing date: October 31, 2008.

**Biology Faculty Position**  
The Biology Department at Virginia Military Institute (VMI) invites applications for a full-time, tenure-track position at the ASSISTANT PROFESSOR level. We seek an individual whose teaching and research interests focus on natural sciences, and who will teach and advise in the expertise of the Department’s faculty. Applicants whose research addresses aquatic ecosystems, invertebrates, or wildlife management and conservation issues are encouraged to apply. The position will have a significant component of teaching introductory biology. VMI is a small undergraduate institution with a strong emphasis on teaching. We are looking for a broadly trained Biologist who is committed to undergraduate instruction and who enjoys working with and teaching students in research. It is expected that the successful applicant will develop an active research program that will involve interested students in undergraduate research. Applicants should have an earned Ph.D. or be in the terminal stages of the process. Faculty wear uniforms and adhere to military customs, but military experience is not required. The starting date for this position is 1 August 2009. Applicants should send a letter of application, complete curriculum vitae, statement of teaching and research interests, copies of transcripts, and three letters of recommendation to: Dr. Richard A. Rowe, Chair, Biology Department, Virginia Military Institute, Lexington, VA 24450-0301. Review of applications will begin October 15, 2008, and will continue until the position is filled. VMI is an Equal Opportunity Employer and does not discriminate against anyone because of race, color, religion, national origin, political affiliation, sex, age, or disability.

**Tenure-track Faculty Position**  
Theoretical or Quantum Chemistry  
Florida State University

The Department of Chemistry and Biochemistry invites applications for a tenure-track ASSISTANT PROFESSOR position in theoretical chemistry or quantum chemistry to begin in fall 2009. Candidates are expected to develop a creative interdisciplinary research program that is externally funded, and to contribute to graduate and undergraduate teaching in physical chemistry at the Department. They are expected to interact extensively with experimentalists. Applicants should send curriculum vitae, research plan, a statement of teaching philosophy and interests, and arrange to have three letters of recommendation sent to: Chair, Theoretical Chemistry Search Committee, Department of Chemistry and Biochemistry, Florida State University, 95 Chieftain Way, Tallahassee, FL 32306-4390. Review of applications will begin October 15, 2008, and will continue until the position is filled. FSU is an Affirmative Action/Equal Opportunity Employer; women, veterans, disabled persons, and members of underrepresented minorities are encouraged to apply.

**Assistant Professor: Microbiologist**  
The Department of Biological Sciences at the State University of New York College at Cortland seeks applications for an OPEN RANK ASSISTANT PROFESSOR starting August 2009. The Department seeks a Microbiologist in any area of specialization. Teaching responsibilities include one semester courses in microbiology for majors, microbiology for health majors, and introductory biology for nonmajors. The successful candidate will be committed to excellence in teaching, develop an active research program involving undergraduates, seek external funding, and supervise graduate students. Theoretical and/or molecular scientific expertise is required. Requirements include a Ph.D., demonstrated scholarly productivity, and teaching experience. Preference will be given to applications completed by October 20, 2008. For more information, application instructions, and a position announcement, visit website: http://jobs.cortland.edu/applicants/Central?quickFind=51901.

SUNY Cortland is an Affirmative Action/Equal Employment Opportunity/ADA Employer. We have a strong commitment to the affirmation of diversity and have interdisciplinary degree programs in the areas of multicultural studies.
WE BELIEVE
THE CURE WILL BE FOUND
RIGHT HERE

Structural Biology Faculty Position:
Drug Discovery Department

The H. Lee Moffitt Cancer Center & Research Institute, an NCI Designated Comprehensive Cancer Center, is seeking applications from Assistant Professor/Member level individuals to participate in the Drug Discovery Department (http://www.moffitt.org/drugdiscovery). The Drug Discovery Program is expanding its Structural Biology to synergistically grow with its outstanding Cancer Biology/Signal Transduction/Gene Regulation components. Structure-based drug design will be strongly supported by the current and developing research infrastructure. The Moffitt Cancer Center has outstanding core laboratory facilities and services available such as: macromolecular crystallography, NMR and mass spectroscopy, synthetic and parallel chemistry, molecular modeling, high throughput screening, proteomics and microarray shared facilities.

Structural biologists looking for strong collaborations in cell biology and synthetic organic chemistry, with outstanding core facilities and a wide open research agenda are encouraged to apply. Successful candidates must possess a Ph.D. in biochemistry, biophysics, chemistry or related areas with demonstrated experience in macromolecular crystallography. Candidates must have at least two years postdoctoral experience. Salary will be commensurate with experience and qualifications.

The Moffitt Cancer Center is affiliated with the University of South Florida. Primary and secondary University appointments are available, as applicable. Candidates from industry are also encouraged to apply, and must demonstrate an exemplary track record in drug discovery.

For inquiries about the position, contact Dr. Said Sebti, Chair, Drug Discovery Department at said.sebti@moffitt.org. Please include a statement of research interests and future research plans.

To formally apply, visit our website moffittcareers.org and refer to requisition number 3795.
ENDOWED PROFESSORSHIP in NEUROPHYSICS or BIOPHYSICS
Trinity University, San Antonio, Texas

The Department of Physics and Astronomy invites applications for the Endowed Professorship in Neurophysics or Biophysics at Trinity University. This position, along with one additional senior and two junior level positions in biology and psychology, will enrich our newly implemented undergraduate major in neuroscience. A Ph.D. in physics, or neuroscience with a strong physics component, is required. Preference will be given to candidates who can enhance connections with the Psychology and/or Biology Departments and contribute to a degree program in neuroscience. The position requires a full-time faculty line that includes participation by students. A distinguished record of teaching and research is required. Please submit a curriculum vitae and detailed statements of experience and interests in teaching and research to: Chair of the Search Committee, Endowed Professorship in Neurophysics or Biophysics, Department of Physics and Astronomy, Trinity University, One Trinity Place, San Antonio, TX 78212. Applications should also be available for three letters of reference. Review of complete application files, with letters, will begin on December 1, 2008. The Department of Physics and Astronomy (website: http://www.trinity.edu/physics) has six faculty, and attracts outstanding students. Active research areas include biophysics, cosmology, atmospheric physics, dynamics and pattern formation in soft matter and biological systems, nanomaterials/plasmonics, and gravitational-wave detection. Trinity University is an Equal Opportunity Employer. We strongly encourage applications from qualified women and minority candidates.

Department of Chemistry, Loyola University Chicago, Pending final approval, the Department of Chemistry seeks to hire a tenure-track ASSISTANT or ASSOCIATE PROFESSOR in biochemistry. Applicants from all areas of biological chemistry will be considered; however, preference will be given to candidates with research interests in experimental bio- physical chemistry or biomolecular structure and function. A Ph.D. in chemistry or biochemistry is required. The successful candidate will be expected to maintain an internationally competitive, externally funded research program and participate in graduate and undergraduate teaching. The Department offers Ph.D., M.S., and American Chemical Society-approved B.S. degrees. The successful candidate will be expected to work in a collaborative environment with a demonstrated commitment to teaching excellence. Loyola University Chicago, 1068 W. Sheridan Road, Chicago, IL 60626. Candidates must also register their application and submit electronic curriculum vitae at website: http://www.carers.luc.edu. Review of applications will begin on October 24, 2008, but applications will be accepted until the position is filled. Minority and female applicants are especially encouraged to apply. Loyola University Chicago is an Equal Opportunity/Affirmative Action Employer.

ENDOWED PROFESSORSHIP in BIOENGINEERING FACULTY POSITIONS
The Pennsylvania State University

The Pennsylvania State University invites applications for tenure-track positions in the Department of Bioengineering. Candidates are expected to have a Ph.D. and postdoctoral training in bio/biomedical engineering, chemical or electrical engineering, biophysics, or a related discipline. The Department has a 30-year history and research strengths in cardiovascular bioengineering, cell and molecular biomechanics, biophotonics, biomaterials, neural engineering and biomedical imaging. For more details, visit website: http://bioeng.psu.edu. Applicants are expected to have expertise in bioengineering; however, preference will be given to candidates with expertise in biomaterials, tissue engineering, neural engineering, or medical imaging. Candidates are expected to attract extramural funding and contribute to departmental teaching at the undergraduate and graduate levels. Teaching abilities in the areas of physiological systems analysis, biomaterials, and computer and image processing will be required. Applications from outstanding candidates with experience in drug delivery, cellular signaling, or mechanobiology are desirable. In addition to departmental resources, additional facilities and potential collaborations exist at Penn State in the Huck Institute for Life Sciences, Materials Research Institute, and Hershey Medical School. Send curriculum vitae, statement of research and teaching objectives, three reprints, and names of three references to: Chair of the Search Committee, Central Office for Search and Appointments, The Pennsylvania State University, 205 Hallowell Building, University Park, PA 16802, or e-mail: ibhbio@engr.psu.edu. Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its work force.

Grand Valley State University Chemistry Department invites applications for two tenure-track Assistant Professor positions to begin August 2009. One is in the area of biochemistry/organic chemistry. The other area of specialization is open to expand departmental expertise. Applicants from outside the traditional chemistry disciplines who could enhance interdisciplinary collaborations are welcome. The positions require a strong commitment to and demonstrated excellence in undergraduate teaching and research. A doctoral degree is preferred (all but dissertation candidates may be considered). The Department values candidates who demonstrate an ability to engage students in scholarship. Applicants should provide a diverse set of three letters of recommendation. Please send a cover letter, curriculum vitae, teaching and research statements, and three letters of recommendation to: Dr. John D. Novak, Chair, Department of Chemistry, Grand Valley State University, Allendale, MI 49401. Application review begins February 15, 2009. Review of applications will continue until the positions are filled. Minority and female applicants are especially encouraged to apply. The Department of Chemistry/Doctoral Program in Biochemistry and Chemistry, Grand Valley State University, Allendale, MI 49401, is an Equal Opportunity/Affirmative Action/Non-Discrimination Employer.

AVIAN HABITAT ECOLOGIST, PACIFIC COAST JOINT VENTURE COORDINATOR
Wildlife Department
Humboldt State University, California

Full-time, temporary positions: AVIAN HABITAT ECOLOGIST and AVIAN HABITAT COORDINATOR, January 2009 through May 2011. Requires Ph.D. (or all but dissertation) and expertise in avian habitat ecology, with preference given for those with knowledge of wetland habitats; 75 percent fieldwork; ability to work in remote areas; strong communication skills. May include experience with an emphasis on recruiting faculty who can foster interdisciplinary interactions. Applicants should show evidence of a vigorous and independent research program that is or can be externally supported. Applicants should have a demonstrated record of extramural funding. Teaching responsibilities will include participation in appropriate graduate and undergraduate courses. Review of applications will begin immediately and will continue until all positions are filled. Information about the positions can be obtained from: e-mail: ihbio@australis.utexas.edu. UT-Austin is an Equal Employment Opportunity/Affirmative Action Employer.

NEUROETHOLOGY/ANIMAL BEHAVIOR

The Section of Integrative Biology of the University of Texas at Austin seeks applications for an Assistant Professor in the area of neuroethology and/or animal behavior to begin September 2009. The successful applicant will join a strong program in behavior, ecology, and evolution, with strengths in sensory ecology, behavioral ecology, neuroendocrinology, behavioral genomics, phylogenetics, and population biology. Applicants may work on any organism, but candidates working on arthropod neuroethology/behavior are particularly encouraged to apply. A Ph.D. is required in biological sciences or closely related areas and postdoctoral experience is preferred. Teaching duties will include an undergraduate course in animal behavior and a graduate course in the candidate’s area of interest. A demonstrated record of extramural funding, brief statements of research and teaching interests, up to five reprints/preprints, and arrange for three letters of recommendation. Application materials must be sent as a single PDF file (including cover letter, curriculum vitae, statements, and reprints/preprints) to e-mail: ihbio@auditorium.utexas.edu. Letters of recommendation should be sent by regular mail to: Behavior Search, Integrative Biology, 1 University Station C0629, Austin, TX 78712. Review of applications will begin October 15, 2008. For more detailed information see website: http://www.biosci.utexas.edu/jobs/. UT-Austin is an Equal Employment Opportunity/Affirmative Action Employer.
The Department of Biological Sciences at Lehman College/CUNY seeks a biologist with a research interest in mammalian systems (e.g. immunology, virology, systems biology with biomedical relevance). The successful candidate will be expected to develop a research program leading to peer-reviewed publications and external funding, and participate in providing both undergraduate and graduate research experiences for our students in the B.A., M.A., and Ph.D. programs. Teaching responsibilities include courses at the graduate and undergraduate levels, including introductory biology courses.

Submit in one PDF file: a letter of application, curriculum vitae, statement of teaching and research interests and a maximum of three first-authored publications. In addition, arrange for three referees, each, to send a current letter of recommendation in electronic format to joseph.rachlin@lehman.cuny.edu. Visit our website at www.lehman.edu for upcoming vacancy announcements.

AA/EEO/ADA/IRCA Employer.
The Colorado Intellectual and Developmental Disabilities Research Center (IDDRC) is seeking to recruit a senior investigator in the area of pathogenesis of pediatric cognitive or other neurodevelopmental disorders. The position should be focused on cellular, molecular, and genetic mechanisms. Studies may involve vertebrate models and/or may be translatable in nature but should be applicable directly to human disease.

The Department of Chemistry and Biochemistry of Marine Extreme Environments is seeking a faculty member with a Ph.D. or equivalent degree in biological chemistry and research extends beyond traditional biological disciplines. Priority will be given to applications received by 15 October 2008, at website: http://www.biology.washington.edu/fac hires/. Applicants must have early-career appointment. All University of Washington faculty engage in teaching, research, and service. UW is an Affirmative Action, Equal Opportunity Employer. We have a culturally diverse faculty and staff and strongly encourage applications from women, minorities, individuals with disabilities, and/or veterans.

The Department of Chemistry at Florida State University (FSU) anticipates adding two tenure-track faculty over the next two years in the area of Chemistry and Biochemistry of Marine Extreme Environments. This is part of the FSU cluster hire initiative Extreme Environments (website: http://pathways.fsu.edu/faculty/geco/). Suitable research interests include, but are not limited to mass spectrometry, nuclear magnetic resonance, fluorescence spectroscopy, X-ray crystallography, or synthetic chemistry. Candidates would be expected to establish a highly creative, externally funded interdisciplinary research program, and to contribute to undergraduate and graduate teaching. It is anticipated that the appointment will be at the ASSISTANT PROFESSOR level, although a more senior appointment would be considered if appropriate. Applicants should submit curriculum vitae, original transcripts, statement of teaching philosophy and teaching interests, and a letter of recommendation. Applications are accepted on a rolling basis. Visit: Florida State University is an Equal Opportunity/Affirmative Action Employer. Women, minority, veteran and people with disabilities are encouraged to apply.

The Department of Land Resources and Environmental Sciences at Montana State University in Bozeman seeks an excellent scientist, educator, and leader for the position of DEPARTMENT HEAD and PROFESSOR. More details are available at website: http://landresources.montana.edu. ADA/Equal Opportunity/Affirmative Action/Veterans Preference.

The University of California, Berkeley Department of Chemistry and Molecular and Cell Biology Energy Biosciences Institute invites applications for the ASSOCIATE or FULL PROFESSOR level for a tenure-track faculty position joint with the Department of Chemistry and the Department of Molecular and Cell Biology. Applications are particularly invited from individuals representing the Energy Biosciences Institute, a new and exciting initiative at the interface of UC Berkeley, Lawrence Berkeley National Laboratory, University of Illinois, and BP (for more information see website: http://www.energybiosciencesinstitute.org). We are seeking an individual who promises a commitment to excellence in both research and teaching and who is expected to develop a high-impact research program that would make a significant, long-lasting contribution to the area of development of physical plants. Review of applications will begin November 1, 2008, with an anticipated starting date of August 2009.
The Life Sciences Institute (LSI) at the University of Michigan invites the field of Cryo-Electron Microscopy (Cryo-EM). The successful applications should use Cryo-EM methods to address important biological questions. The LSI will offer state-of-the-art computing and imaging to opening new scientific paths by blending diverse research talents in a state-of-the-art collaborative physical space (www.lsi.umich.edu). The LSI is a scientific enterprise at the University of Michigan dedicated to understanding the physical and chemical processes that control weather and climate, hosting over 120 research scientists, including NERC research centres and Met Office groups. Applied Mathematics is rated RAE 5 and is currently in an exciting period of expansion. You will have:

- An outstanding research record in a subject that builds upon or complements our existing strengths in the departments of Meteorology and Mathematics.
- The ability to build and lead a research group.
- The desire to contribute to our internationally renowned undergraduate and graduate teaching programmes.

Applicants in the area of computational fluid dynamics of the atmosphere and oceans are particularly encouraged. Applicants in other areas of joint interest are welcome. Informal enquiries: contact the Head of Department of Meteorology, Professor Keith Shine on +44 (0)118 378 8405 or email k.p.shine@reading.ac.uk

Alternative enquiries: contact the Head of Department of Mathematics, Professor Simon Chandler-Wilde on +44 (0)118 378 5017 or email s.chandler-wilde@reading.ac.uk

Closing date: 3 October 2008
Interview date: 12 & 13 November 2008

Further information and application forms are available at www.reading.ac.uk/jobs, or from:

Human Resources, University of Reading, Whiteknights, PO Box 217, Reading RG6 6AH,
Telephone +44(0)118 378 6771 (voicemail)

Please quote reference number LE08034

We value a diverse workforce and welcome applications from all sections of the community.

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**Faculty Position in Cryo-Electron Microscopy**

The Life Sciences Institute (LSI) at the University of Michigan invites applications for a position at the rank of Assistant or Associate Professor in the field of Cryo-Electron Microscopy (Cryo-EM). The successful applicant should use Cryo-EM methods to address important biological questions. The LSI will offer state-of-the-art computing and imaging instrumentation, including a 200 kV FEG TF20, a 120kV G2 Spirit, and a 100kV Morgagni (all CCD equipped), with plans for further equipment expansion in the near future.

The LSI is a scientific enterprise at the University of Michigan dedicated to opening new scientific paths by blending diverse research talents in a state-of-the-art collaborative physical space (www.lsi.umich.edu). The LSI is currently home to 29 interactive faculty in the areas of cell biology, genetics, bioinformatics, structural biology, signaling, and chemistry.

Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. The position will remain open until filled but preference will be given to applicants who have submitted all requested materials prior to November 15, 2008. Applicants should send the following (in PDF format): a curriculum vitae, copies of up to three reprints, a one- to two-page summary of research plans, and arrange to have three letters of reference (also in PDF format) sent directly to: lsicryo-em@umich.edu.

Women and minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is a non-discriminatory, Affirmative Action Employer.

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**Clinical Scientist Development Awards Fostering Careers in Clinical Research**

This program supports junior physician-scientists who are conducting clinical research to facilitate their transition to independent clinical research careers.

Up to 20 awards of $135,000/year for three years will be made to investigators at the instructor or assistant professor level.

U.S. accredited, degree-granting institutions are invited to nominate up to three candidates meeting the eligibility requirements.

Full details and instructions are available at: www.ddcf.org/mp-csda

**Application Deadlines**

Online Nominations Due: November 5, 2008
Proposals Due: December 17, 2008

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**THE DORIS DUKE CHARITABLE FOUNDATION IS CELEBRATING ITS TENTH ANNIVERSARY**

**Congratulations to the 2008 Clinical Scientist Development Award Recipients**

- Gregory P. Bisson, MD, MSCE, University of Pennsylvania
- Sandeep Dave, MD, MS, Duke University
- Jose C. Florez, MD, PhD, Harvard Medical School
- Christine K. Garcia, MD, PhD, University of Texas Southwestern Medical Center at Dallas
- Timothy E. Graham, MD, Harvard Medical School
- Leigh R. Hochberg, MD, PhD, Brown University
- Marion Hofmann-Bowman, MD, PhD, University of Chicago
- Deborah T. Hung, MD, PhD, Harvard Medical School
- Peter W. Hunt, MD, University of California, San Francisco
- Miriam K. Laufer, MD, MPH, University of Maryland, Baltimore
- Michelle A. Lowes, MD, PhD, Rockefeller University
- Arya Mani, MD, Yale University
- Ingo Mellinhoff, MD, Memorial Sloan-Kettering Cancer Center
- Aamand D. Naik, MD, Baylor College of Medicine
- Sattva S. Neelapu, MD, University of Texas M. D. Anderson Cancer Center
- Christopher Pittenger, MD, PhD, Yale University
- Dominic N. Reeds, MD, Washington University
- Dorry L. Segev, MD, Johns Hopkins University
- Padmanee Sharma, MD, PhD, University of Texas M. D. Anderson Cancer Center
- David A. Stevenson, MD, University of Utah
POSTDOCTORAL FELLOWSHIP to study the role of the cytoskeleton in the bacterial cell cycle. Research will use molecular, cellular, and biochemical techniques, including the unique imaging resources of the Center for Cell Analysis and Modeling. Experience in protein purification and biochemistry will be an asset but is not a requirement. Supported by NIH grant R37GM060632 (2004-2014). For background see recent pages for open positions from our laboratory: Vats and Rothfield, Proc. Natl. Acad. Sci. U.S.A. 104:17795, 2007; Shih and Rothfield, Microb. and Mol. Biol. Rev. 40:729, 2006; and Shih et al., Mol. Microbiol. 58:917, 2005. Respond to Prof. Lawrence Rothfield, Rothfield Department of Molecular, Microbial and Structural Biology, University of Connecticut Health Center, Farmington, CT 06032 U.S.A. E-mail: lroth@ucnhce.edu. Equal Opportunity Employer. Minorities/ women/veterans/people with disabilities.

POSTDOCTORAL POSITION in biological solid state nuclear magnetic resonance (NMR) are available in the laboratory of Patrick van der Wel in the Department of Structural Biology at the University of Pittsburgh School of Medicine. Topics of interest include the study of amyloid fibril structure and formation, as well as investigations of metal ion associated proteins and their interaction with the lipid bilayer. Primary focus is on the application of magic angle spinning (MAS) solid state NMR using the inhouse 600 and 800 megahertz Bruker systems. Other biochemical and biophysical techniques are also used. The Department features collaborative opportunities involving solution NMR, electron microscopy, X-ray crystallography, and protein chemistry. Candidates with a Ph.D. degree in a related field, and experience in (solid state) NMR, biophysical protein characterization, and/or protein expression and purification are encouraged to apply. More information at websites: http://www. pitmanlab.com/ and http://www structbio.pitt.edu/ Contact: Patrick van der Wel, Department of Structural Biology, Room 2044 BST3, 3501 Fifth Avenue, Pittsburgh, PA 15260, or e-mail: pvdwel@structbio.pitt.edu. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

RESEARCH ASSOCIATE, metabolites experience required. Send resume to Dr. H. Brunengraber, Case Western Reserve University, Department of Nutritional Sciences, School of Medicine−W684, 10900 Euclid Avenue, Cleveland, OH 44106. Must reference job code FF4008.

POSTDOCTORAL FELLOWSHIP: POSTDOCTORAL FELLOWSHIP for investigating DNA repair mechanisms using solution NMR technologies. Applicants should have a Ph.D. in biochemistry or related field. The successful candidate will be expected to develop new strategies for characterizing DNA repair enzymes. Experience with solution NMR and mass spectrometry is desirable. Please send curriculum vitae and three letters of recommendation to: Prof. Larry L. Goodman, Department of Chemistry, University of Texas at Austin, Austin, TX 78712-1082. E-mail: lgoodman@chemistry.utexas.edu. The University of Texas at Austin is an Equal Opportunity/Affirmative Action Employer. Minorities and Women are encouraged to apply.

The University of Michigan invites applications for a tenure-track position at the rank of ASSOCIATE PROFESSOR with a proposed start date of September 1, 2009. The position is part of a new initiative in the area of energy at the University of Michigan. Priority will be given to applicants who have specific interests in the area of energy storage. This would be a University-year appointment (nine-month academic salary with summer support by research funds). Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the development of a PIs is available online at: http://www.coehs.med.umich.edu/chemistry/facultyrecruit/

A POSTDOCTORAL POSITION is available immediately at the Center for Craniofacial Molecular Biology University of Southern California in Los Angeles. The successful candidate will use mouse as an animal model to study the events of signal transduction during craniofacial morphogenesis. These studies will seek to define molecular mechanisms governing both normal and abnormal craniofacial development, providing scientific rationales for future therapeutic strategies to treat/prevent craniofacial birth defects. The candidate must be experienced with molecular biology and is familiar with the generation of gene knockout animal models. In addition, the candidate is responsible for the analysis of craniofacial defects in these animals, for reporting data using state of the art equipment and software, and for organizing the information for both publications and presentations. For details of our recent research projects please visit website: http://www.usc.edu/bse/dental/medical/faculty/Face_Yang_Chai.htm. Send resume to Dr. Yang Chai (e-mail: ychai@usc.edu) or fax: 323-442-2981. Equal Opportunity Employer/Affirmative Action.

The Department of Surgery at the University of Michigan invites applications for a senior endowed Chair. Applicants are expected to initiate a new research program in surgical oncology that focuses on the role of development and the genetic and biochemical alterations that drive the development and progression of tumors. Applicants must have a strong track record of extramural funding and demonstrate a high level of research productivity. Applicants are expected to become a major leader in surgical oncology.

POSTDOCTORAL POSITIONS in the laboratory of Dr. Patrick van der Wel in the Department of Structural Biology at the University of Pittsburgh School of Medicine. Applicants should have a Ph.D. in biochemistry or related field. The successful candidate will be expected to initiate a new research program in the area of the cytoskeleton in the bacterial cell cycle.

The Department of Anthropology at the Pennsylvania State University seeks an EVOLUTIONARY DEVELOPMENTAL GENETICIST at the rank of ASSOCIATE or FULL PROFESSOR with a research program that focuses on the role of developmental and morphological processes in human evolution. The successful candidate will use methods and techniques of evolutionary developmental biology including but not limited to comparative anatomy, evolutionary and comparative morphology, developmental genetics, and experimental and functional genomics in model animal or cell systems to shed light on the evolution and development of morphological adaptations and their mechanistic origins. The successful candidate will be expected to establish strong links between the Department of Anthropology and the Huck Institutes of the Life Sciences, and to maintain a strong externally funded research and educational program. Review of applications will begin September 1, 2009. Please send curriculum vitae accompanied by a letter of application detailing current and future research projects, and at least three references to: Melissa Strouse, Search Committee Liaison, P.O. Box A, Department of Anthropology, 409 Carpenter Building, Penn State University, University Park, PA 16802. Penn State is committed to Affirmative Action, Equal Opportunity, and a diverse work force.

The Department of Chemistry at the University of Michigan invites applications for a tenure-track position at the rank of ASSOCIATE PROFESSOR with a proposed start date of September 1, 2009. The position is part of a new initiative in the area of energy at the University of Michigan. Priority will be given to applicants who have specific interests in the area of energy storage. This would be a University-year appointment (nine-month academic salary with summer support by research funds). Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the development of a PIs is available online at: http://www.coehs.med.umich.edu/chemistry/facultyrecruit/

The Department of Chemistry at the University of Michigan invites applications for a tenure-track position at the rank of ASSOCIATE PROFESSOR with a proposed start date of September 1, 2009. The position is part of a new initiative in the area of energy at the University of Michigan. Priority will be given to applicants who have specific interests in the area of energy storage. This would be a University-year appointment (nine-month academic salary with summer support by research funds). Candidates are expected to develop an internationally recognized program of scholarly research and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the development of a PIs is available online at: http://www.coehs.med.umich.edu/chemistry/facultyrecruit/