MATERIALS ENGINEER
U.S. Army Research Office
Research Triangle Park, North Carolina

Applications are being solicited for a Materials Engineer, DB-0806-03 (equivalent to the GS-12/13 grade level), $67,416 to $104,323 per annum, or a Materials Engineer, DB-0806-04 (equivalent to the GS-14/15 grade level), $94,733 to $144,868 per annum. Salary within the ranges above includes a locality adjustment and is based upon individual qualifications and salary history. The position is located at the U.S. Army Research Office in Research Triangle Park, North Carolina. The incumbent creates, directs, and manages a leading extramural basic research program (experimental and theoretical) in the field of materials science, focusing on the physical properties of materials and fostering scientific achievements relevant to future Army systems. Expertise is required in the areas of electronic, optical, magnetic, and actuator materials. Duties include: initiating new research projects in response to Army needs; stimulating proposals to respond to those needs; analyzing and evaluating proposals; communicating with grantees and contractors; reviewing and analyzing reviews; ensuring their effective distribution; stimulating technology transfer to both Army and civilian users; evaluating grantee and contractor performance; disseminating program policies and research results; maintaining awareness of Army in-house R&D programs; developing and presenting briefings and research summaries that highlight projects, objectives, progress, accomplishments, and emerging opportunities within areas of materials science to Army leadership and the scientific community; initiating and carrying out workshops, conferences, and symposia addressing emerging materials research initiatives; and serving as the principal Army advocate and representative for basic research activities and needs in physical properties of materials. In order to maintain scientific acumen, the incumbent may perform research at a local university for up to one day per week. Travel up to 25 percent of the time may be required. Outstanding verbal and written skills are required. Applicants must show successful completion of a full four-year course of study in an accredited college or university leading to a Bachelor’s or higher degree in materials science, or a combination of education and experience equal to a GS-12/13 level position in the federal government. An advanced degree at the Ph.D. level preferred. Experience must have been in or related to the work of the position and have equipped the applicant with the knowledge, skills, and abilities to successfully perform the duties of the position.


Opening date is January 20, 2009, and closing date will be February 19, 2009. If you have questions, please contact Mrs. Paula Valdez, telephone: 301-394-2109.

THREE FACULTY POSITIONS
Department of Biological Sciences
North Dakota State University

An EVOLUTIONARY DEVELOPMENTAL BIOLOGIST and a PHYSIOLOGICAL GENOMIST (both tenure track) are sought to develop an extramurally funded research program, supervise Ph.D. students, and teach courses in their area of expertise.

A major's GENERAL BIOLOGY PROGRAM COORDINATOR (renewable non tenure track) also supervises training activities. Inquire at the ASSISTANT PROFESSOR level and begin fall 2009. For complete description and application, see website: http://biology.ndsu.nodak.edu/. Review of applications will begin February 15, 2009. North Dakota State University is an Equal Opportunity Institution.

POSTDOCTORAL/FACULTY RESEARCH OPPORTUNITIES AT THE UNIVERSITY OF PITTSBURGH ARE AVAILABLE IN THE DEPARTMENT OF COMPARATIVE IMMUNOLOGY.

POSTDOCTORAL FELLOW POSITION: HIV IMMUNOPATHOGENESIS. Position is available to characterize the priming of human T cells to HIV in vitro. The successful applicant must have a Ph.D. degree and should possess extensive experience in virology and immunology related to HIV infection and immunopathology. Send curriculum vitae, a one-page statement of research interests, and a list of three references to: Dr. Charles R. Rinaldo, Department of Infectious Diseases and Microbiology, University of Pittsburgh, A419 Crabtree Hall, 130 DeSoto Street, Pittsburgh, PA 15261. E-mail: rinaldo@pitt.edu. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer. Applications from qualified women, minorities, and/or disabled persons are encouraged.

POSTDOCTORAL FELLOW POSITION. A new Institute for Cancer Research is being established at the University of Pennsylvania. The successful applicant must have postdoctoral experience in molecular immunology. Send curriculum vitae, a one-page statement of research interest, and names of three references to: Dr. David J. Koprowski, Institute for Cancer Research, Fox Chase Cancer Center, 6150 College Street, Philadelphia, PA 19115.
Two postdoctoral positions are available in the Macromolecular Crystallography Laboratory, National Cancer Institute (NCI), Frederick, MD, USA (http://mcl1.ncifcrf.gov). The Protein Structure Section (PSS, headed by Alexander Wlodawer) has an extensive program investigating structure-function relationships in proteolytic enzymes such as HIV and HTLV proteases, Lon, sedolisin, and VirA. It also investigates crystal structures of antiviral lectins, proteins of immunological interest, as well as proteins involved in tumor suppression and translation regulation. The Protein Engineering Section (headed by David Waugh) is seeking a postdoctoral fellow to spearhead the development of advanced technology for the production of recombinant proteins in eukaryotic expression systems, including yeast, insect and mammalian cells. This fellow will engage in basic research geared toward making fundamental improvements in these systems for applications in structural biology. The ideal candidate will have a sound background in eukaryotic molecular biology/genetics and expression of recombinant proteins in one or more eukaryotic systems. Familiarity with protein purification techniques would be an advantage for either position.

These positions are open to recent Ph.D. (less than 5 years since the award of doctorate) with strong background in protein crystallography. The minimum annual starting stipend at NCI is $46,200 for new graduates, with additional increases based on previous postdoctoral experience. NCI provides full health insurance, as well as relocation benefits. Interested candidates should apply to: Dr. Alexander Wlodawer or Dr. David Waugh, Macromolecular Crystallography Laboratory, National Cancer Institute, Frederick, MD 21702, USA, Phone +1-301-846-5036, e-mail wlodawer@ncifcrf.gov (AW), Phone +1-301-846-1842, e-mail waughd@ncifcrf.gov (DW).

For more information, please contact Peter D. Sun, Ph.D., Chief, Structural Immunology Section, LIG, NIAID, NIH; telephone: (301) 496-3230; fax: (301) 402-0284; email: psun@nih.gov; Web site: http://sis.niaid.nih.gov.

The NIH is an equal opportunity employer.

Questions on application procedures may be addressed to Karen Page at (301) 496-4232. Applications must be received by close of business January 30, 2009. The NIH is an equal opportunity employer.

Salary is commensurate with qualifications, and includes a full package of benefits. A detailed vacancy announcement NIGMS-09-313070-CR-DE and NIGMS-09-313070-CR-MP with the mandatory qualifications and application procedures can be obtained via the NIGMS web page at http://www.jobs.nih.gov. Questions on application procedures may be addressed to Karen Page at (301) 496-4232. Applications must be received by close of business January 30, 2009. The NIH is an equal opportunity employer.

The National Institutes of Health inspires public confidence in our science by maintaining high ethical principles. NIH employees are subject to Federal government-wide regulations and statutes as well as agency-specific regulations described at http://ethics.od.nih.gov. We encourage you to review this information.
Tenure Track Faculty Position

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

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

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

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

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

Assistant Professor of Biology

Fall 2009 - Two Temporary, Full Time Positions Available:

First Position:

**JOB DESCRIPTION**: Primary teaching responsibilities include microbiology for the first two courses, both lecture and laboratories, and other courses in molecular/organismal biology.

**REQUIREMENTS**: Ph.D. required, college teaching experience preferred.

Supporting documentation in non-electronic format can be sent to Professor Rena Bacon, Search Committee Chair, School of Theoretical and Applied Science. To request accommodations, call (210) 684-7734.

**Second Position**:

**JOB DESCRIPTION**: Primary teaching responsibilities include courses in molecular/organismal biology, particularly introductory biology courses to both majors and non-majors.

**REQUIREMENTS**: Ph.D. required, college teaching experience preferred.

Supporting documentation in non-electronic format can be sent to Professor Susan Petro, Search Committee Chair, School of Theoretical and Applied Science. To request accommodations, call (210) 684-7734.

Faculty members are expected to maintain active participation in research, scholarship, college governance, service, academic advisement and professional development activities.

All applications must be completed online at: www.ramapo.edu/hrjobs

Attach vita, cover letter, statement of teaching philosophy, research interests and a list of three references to your completed application. Hard copies of resumes will not be accepted. Since its beginning, Ramapo College has had an intercultural/international mission. Please tell us how your background, interest and experience can contribute to this mission, as well as to the specific position for which you are applying. Review of applications will begin immediately and continue until the positions are filled. Positions offer excellent state benefits.

Assistant Professor

The Division of Biological Sciences and the Center for Structural and Functional Neuroscience welcome applications for a tenure-track position at the rank of Assistant Professor. If you are a productive and innovative biologist who can develop a creative research program in areas of interest that include but are not limited to: the genetics or molecular biology of nervous system development, the neurobiology of behavior, or the molecular/structural basis of neurophysiological mechanisms, please consider joining us at The University of Montana. Investigators who develop quantitative or predictive models in the context of experimental data are especially welcomed to apply.

The University of Montana is located in Missoula, Montana where faculty enjoy a high quality of life in a spectacular natural setting with outstanding recreational opportunities. Information about the Division of Biological Sciences and participating research centers can be found at: www.dbs.umt.edu, www.health.umt.edu/centers/csfn, and www.cas.umt.edu/biomolecular.

Applicants should submit a curriculum vitae, a detailed statement of future research plans and teaching interests, and the names of three potential references by email to Mike Kavanaugh and Stephen Sprang, Neurobiologist Search Committee at: neurobiology.search@mso.umt.edu. Review of materials will begin on February 1, 2009 and continue until the position is filled.

UM is an EEO/AA/ADA/Veterans Preference Employer and recipient of an NSF PACE award. The Division is interested in hiring a candidate who will enhance the gender and ethnic diversity of its faculty.

Professor in Animal Genetics

The Department of Agricultural and Food Sciences (www.agr.ethz.ch) at ETH Zurich invites applications for the position of a professorship in animal genetics. The future professor will be responsible for developing a leading research and teaching program in animal genetics that focuses on the identification of genes underlying important animal traits.

Candidates with expertise in QTL mapping and/or comparative genomics applied to important livestock species are especially encouraged to apply. The professorship’s main research topics may include:

- Comparative genomic or QTL mapping approaches to identify key genes or chromosomal regions underlying important traits;
- Experimental approaches to understand the underlying causes of quantitative genetic variation;
- Analyses of interactions between genes;
- The influence of environmental factors on gene expression.

The Professorship is equipped with several vacant positions, has access to high-throughput genotyping facilities and to a well-equipped field station suitable for animal phenotyping.

The future professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English) – covering both basic and advanced animal genetics.

Please submit your application together with a curriculum vitae, a list of publications, a statement of research and teaching interests, and the names and contact information of three possible referees to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, no later than March 31, 2009. With a view toward increasing the number of female professors, ETH Zurich specifically encourages female candidates to apply.
POSTDOCTORAL TRAINING OPPORTUNITIES

The University of Michigan is an outstanding training environment that combines world-class faculty and innovative programs of research with a rich academic tradition. For two decades Michigan has ranked among the top 10 medical schools in NIH research funding. This research effort is enhanced by 26 NIH-sponsored training programs that support Postdoctoral Scholars.

The University of Michigan recognizes the essential contributions Postdoctoral Scholars make to the University’s overall research mission. We welcome inquiries from graduate students nearing completion of the Ph.D. degree regarding opportunities for postdoctoral training in the following areas:

- Alcoholism Research
- Biology of Aging
- Biology of Drug Abuse
- Cancer Biology
- Cardiovascular Research
- Cell and Molecular Dermatology
- Clinical and Basic Neuroscience
- Endocrine Dysfunction
- Endocrinology and Metabolism
- Experimental Immunology
- Genome Sciences
- Hearing, Balance, and Chemical Senses
- Imaging Science in Biomedicine
- Lung Disease
- Lung Immunopathology
- Medical Rehabilitation Research
- Microbial Pathogenesis
- Molecular Hematology
- Nephrology Research
- Organogenesis
- Reproductive Sciences
- Research in Gastroenterology
- Substance Abuse
- Tissue Engineering and Regeneration
- Urology Research
- Vision Research

For more information about Sponsored Training Programs, as well as descriptions and contact information for the above programs, visit: www.med.umich.edu/medschool/postdoc.

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

Max Planck Institute for Demographic Research

Directors: Prof. James W. Vaupel – Prof. Joshua R. Goldstein

The Max Planck Institute for Demographic Research is seeking to expand further its quantitative, interdisciplinary activities in the field of

Evolutionary Biodemography / Comparative Life History Analysis

by making appointments at the

PhD, Post-Doc, and Research Scientist levels.

The research program focuses on understanding how evolution can shape age-specific mortality in tandem with age-specific fertility and other aspects of the life-history. We aim to tackle these issues by synthesizing quantitative insights from diverse disciplines including demography, life history biology, ecology, mathematics, statistics and actuarial science. As well as considering flexible, open appointments for strong candidates with appropriate backgrounds and relevant interests, the institute will make specific appointments of comparative life history biologists, phylogenetic and demographic analysts, database developers, mathematical theorists, programmers and statisticians to develop the

AgeLife Project,

a collaborative international network to advance understanding of lifespan and age-specific demography by comparing a wide range of organisms across the tree of life. Successful candidates will complement an existing interdisciplinary research team of more than 20 scientists and support staff within the institute. Those in the AgeLife project will have links with other partners in the network, but will principally be based in Rostock. Information about the institute, our work in Evolutionary Biodemography, and the AgeLife project can be found at www.demogr.mpg.de/agelife.

Applications should be addressed to Executive Director Prof. James W. Vaupel and should include a CV with a statement of academic interests and relevant experience, details of all qualifications including grades, a list of any publications, and the contact details of 3 referees. All material should be e-mailed to: appl-agelife@demogr.mpg.de. Review of applications will begin on 15th February 2009. We will consider applications received before the end of March. PhD positions will typically start in early September 2009, and other positions will start as soon as possible after appointment. PhD and postdoc appointments are made on doctoral and postdoctoral stipends respectively, and Research Scientist positions are on TVöD 13.

The Max Planck Society wishes to increase the share of women in areas where they are underrepresented, and strongly encourages women to apply.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply.

www.demogr.mpg.de
Faculty Position in Microbial Pathogenesis and Immunity

Department of Microbiology and Immunology
Tulane University School of Medicine

The Department of Microbiology and Immunology, Tulane University School of Medicine is recruiting a tenure-track faculty member at the rank of Assistant, Associate or Full Professor. We are primarily interested in investigators whose research complements existing strengths in host-pathogen interaction and vaccine development. The successful candidate will join a multidisciplinary department focusing on molecular, cellular, and genetic aspects of infectious disease and host-pathogen interactions. He/she will be expected to maintain an independent and dynamic, funded research program and to contribute to the teaching of medical and graduate students.

The Department of Microbiology and Immunology offers a competitive salary, attractive start-up packages, renovated laboratory space, BSL-3 and select agent laboratories, and an interactive environment. For further information about the Department and Tulane University School of Medicine visit our website at http://www.microbiology.tulane.edu.

Applications should submit a curriculum vitae, a statement of research interests, and the names, addresses, email addresses, and telephone numbers of three qualified references to: Faculty Search Committee, Department of Microbiology and Immunology, Tulane University School of Medicine, 1430 Tulane Avenue SL-38, New Orleans, LA 70112 or email to Ms. Amy Pick (aepick@tulane.edu). Review of applications will begin immediately and continue until the position is filled.

Tulane University is an Equal Opportunity, Affirmative Action Employer. Women, Minorities and Veterans are encouraged to apply.

Zhejiang University
Institute of Life Sciences

Founded in 1897, Zhejiang University is committed to the highest standards of excellence in education and research, and has been at the forefront of academic scholarship in China. The newly formed Institute of Life Sciences aspires to become a top research institute in a broad range of biological and medical research.

Applications and nominations are invited for appointments as:
(1) Director of the Institute of Life Sciences
Applicants should be established scholars with a distinguished academic accomplishment and international reputation. Individuals should be able to provide leadership to the new institute and enhance the institute’s profile both nationally and internationally. Experience in management would be an advantage.

(2) Principal Investigators
Applicants should have a strong research profile to establish and conduct innovative research in life sciences. Both senior and junior investigators are encouraged to apply.

The university provides state-of-the-art research facilities and strong supporting staffs. Internationally competitive start-up support, salary and benefits will be offered according to qualifications and experience.

Please login in website http://iils.zju.edu.cn to sign up and submit application, including a full CV, cover letter, and future plan. Application can also be sent to iils@zju.edu.cn.

Contact person: Zhu Xiaoyun, Email:zhuxy@zju.edu.cn, Fax: +86-571-88981976, Tel: +86-571-88981390

The application deadline for the director position is February 28, 2009, while application for the faculty position will be open.

Assistant/Associate/Full Professor in Gene Therapy or Proteomics

The Department of Pharmaceutical Sciences at North Dakota State University invites applications for a tenure-track faculty position at the rank of Assistant/Associate/full Professor, with appointment beginning on or after August 15, 2009. A highly competitive salary and a start-up package commensurate with qualifications and experience are available. The department of Pharmaceutical Sciences has experienced rapid recent growth and consists of twelve full-time faculty members, more than thirty doctoral students and post-doctoral fellows/research associates. The department faculty members have diverse but complementary research interests and are well funded from numerous national and other funding agencies. The department has a Center of Biopharmaceutical Research and Production (CBRP), participates in a NIH-funded ($10.5 million) Center of Biomedical Research Excellence. Additional information about the Department and University can be obtained at http://www.ndsu.edu/pharmsci/.

Candidates must hold a doctoral degree in pharmacology, gene therapy, proteomics, molecular biology, or closely related field, have at least two years of postdoctoral experience either in gene therapy or proteomics with a strong record of scholarship, possess good interpersonal skills, and effective written and oral communication skills. Preference will be given to applicants with training and research expertise in areas of gene therapy or proteomics that complement existing departmental strengths in cancer and cardiovascular research. The successful candidate will be expected to establish an externally funded research program, provide service to the university, teach and mentor graduate students, and participate in team-taught pharmacology courses offered to pharmacy students. Application deadline is March 30th, 2009, or thereafter until the position is filled. The application portfolio containing a (1) letter of application, (2) curriculum vitae, (3) statement of teaching philosophy, (4) description of research interests and future plans, and (5) a list of references with complete address must be submitted electronically: jobs.ndsu.edu/applicants/Central?quickFind=50720. For more information, please contact Dr. Chengwen Sun (e-mail: Chengwen.Sun@ndsu.edu, Tel: 701-231-6454, Fax: 701-231-8333), Department of Pharmaceutical Sciences, North Dakota State University, Fargo, ND 58108.

NDSU is an Equal Opportunity Institution. Women and traditionally under-represented groups are encouraged to apply.

Looking for a new dynamic medical research environment?

The Center for Primary Health Care Research (CPF) may be looking for you. The CPF is a new collaborative venture of Lund University and Region Skåne in southern Sweden.

We are located at the Clinical Research Centre, a translational research environment at Malmö University Hospital in the city of Malmö, Sweden.

Using primary health care as our arena, we will conduct world-class translational research in five program areas: ● migration and neighborhoods ● welfare diseases, medical epidemiology, and genetic epidemiology ● research methods in family medicine and research on quality aspects of medical education ● public health science and social epidemiology and ● health economy, organization of health care, and evaluation of health and medical programs.

To improve the quality of our research, we will work closely with primary health care center and hospital personnel and with international collaborators at a number of universities, including Stanford and Harvard.

We are building our team and are looking for people to fill a number of positions. The CPF needs biostatisticians, postdoctoral research fellows, postdoctoral students, and doctoral students in epidemiology and physical activity. Interested? Send an informal letter to Jan. Sundquist@med.lu.se describing your qualifications and explaining why you want to be one of us. We look forward to hearing from you!

Read more about the translational research environment at the Clinical Research Centre at http://www.med.lu.se/english/crc/research_at_crc. or the new center http://www.med.lu.se/english/cpf
We Believe
The Cure Will Be Found Right Here

Faculty Position: Tumor Immunology

H. Lee Moffitt Cancer Center & Research Institute, an NCI-designated Comprehensive Cancer Center, is seeking candidates for the rank of Assistant/Associate/Senior Member to expand the Department of Immunology. Individuals with a research interest in any area of tumor immunology, including antigen presentation, tumor-induced immune suppression or tolerance, gene regulation, signal transduction, crosstalk between innate and adaptive immunity, immunotherapy and cancer vaccines will be considered. Successful candidates are expected to develop a strong extramurally-funded research program.

Consistently ranked in U.S. News & World Report “Best Cancer Hospitals” for the past nine years, Moffitt Cancer Center and Research Institute is a free-standing, not-for-profit cancer center. Moffitt opened on the campus of Tampa’s University of South Florida in October, 1986 and became Florida’s only NCI designated Comprehensive Cancer Center in 2001. There is vast opportunity within our framework for information technology, scientific research, clinical treatment and quality of life studies, as we see over 15,000 new cancer patients each year. Our environment is one of multi-modality, patient-centered care requiring highly collaborative clinical research programs.

The Cancer Center is comprised of a large ambulatory care facility, 162 inpatient beds, including a dedicated transplant unit, 12 state-of-the-art operating suites, a 30 bed intensive care unit, a high volume screening program, and a basic science research facility. The Moffitt Research Institute is comprised of approximately 140 Principal Investigators, 58 laboratories, and 306,000 square feet of research space. Our University of South Florida affiliation allows for a wide range of residency and fellowship programs, and Faculty of the Moffitt Cancer Center are eligible for academic appointments in their College of Medicine, commensurate with qualifications and experience.

Application Qualifications
The successful candidate must have an M.D. or Ph.D. with at least four years of postdoctoral experience in tumor biology or immunology and high quality publications in peer-reviewed journals. Salary and start-up packages are competitive and negotiable.

For inquiries about the position, contact Julie Djeu, Ph.D., Department Chair, at 813-745-3041 or julie.djeu@moffitt.org.

To apply, visit our website moffittcareers.org and refer to requisition number 3385.

Moffitt Cancer Center provides a tobacco-free work environment, is an equal opportunity, affirmative action employer, and a drug free workplace.
The University of Maryland School of Medicine Institute of Human Virology, in conjunction with the Marlene and Stewart Greenebaum Cancer Center, is recruiting a highly qualified tenure track assistant or associate professor in the field of viral oncology and AIDS-related malignancies, including investigators interested in the search for novel, human tumor viruses. The new laboratory will be a component in the growing program on HIV and Cancer and will interact with ongoing efforts in our clinical and epidemiology divisions, including the study of cancers from developing countries.

The Institute of Human Virology offers excellent laboratory facilities, competitive salary and startup packages, and access to numerous core facilities including state-of-the-art BSL3 and ABSL3 facilities in a strong academic environment. Preference will be given to candidates with established research programs and current NIH funding. The level of appointment will be commensurate with the candidate’s experience.

Please submit a letter of interest, CV and three references to:
Viral Oncology Faculty Search Committee
c/o Beth Peterson
Institute of Human Virology
725 West Lombard Street, S307
Baltimore, MD 21201
bpeterson@ihv.umaryland.edu

The University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action Employer.
Professorship in Single Molecule Biophysics

The Institute of Structural and Molecular Biology (ISMB) at UCL/Birkbeck and the London Centre for Nanotechnology (LCN) at UCL are seeking applications for a Professorship in the field of Single Molecule Biophysics, a position that will be held jointly between the two organisations. It is hoped that this post will be filled by October 2009. We wish to recruit an outstanding individual who is capable of conducting world-class, interdisciplinary research in an area of single molecule biophysics that has relevance to mainstream biomedicine. Successful applicants will be expected to develop and manage a substantial research group and make an appropriate contribution to the affiliated departmental portfolio of graduate teaching.

The ISMB (www.ismb.lon.ac.uk) is a centre of excellence, which jointly consists of the School of Crystallography at Birkbeck College and the Research Department of Structural & Molecular Biology at University College London (UCL). It was established to foster closer links between the two departments and also to provide a bridge with the Department of Chemistry at UCL. The Institute provides a scientific environment conducive to world-class research in the field of biomolecular science. The London Centre for Nanotechnology is a joint venture between University College London and Imperial College London. It has a unique operating model that accesses and focuses the combined skills of the departments of chemistry, physics, materials, medicine, electrical and electronic engineering, mechanical engineering, chemical engineering, biochemical engineering and earth sciences across the two universities.

The salary is negotiable within the University Professorial scales and will be dependent on experience and track record. A job description and details of the application procedure can be found at www.ismb.lon.ac.uk/JD1SMB.html and at the respective departmental web sites (http://www.cryst.bbk.ac.uk/ and http://www.london-nano.com/). The Head of ISMB is Professor Gabriel Waksman (email: g.waksman@bbk.ac.uk) and the Head of LCN is Professor Gabriel Aeppli (email: gabriel.aeppli@ucl.ac.uk). Either can be contacted informally for general information.

The closing date for this post is 31st March, 2009. Interviews with short-listed candidates will take place during April and May 2009.

We particularly welcome female applicants and those from an ethnic minority, as they are currently under-represented within UCL at this level. This is in line with section 48 of the Sex Discrimination Act and section 38 of the Race Relations Act.

Senior Editor for Science Magazine

Join the dynamic editorial team at Science magazine. We are seeking a Senior Editor interested in science and/or education policy, to work in our Washington, DC, USA or Cambridge, UK office.

We are looking for an individual with broad interests including education, tives and policy forums related to education (K-12, undergraduate, and and a background ideally in science policy and the social or political sci-

ences. The editor would be involved in solicitation and editing of perspec-

The French National Institute for Agricultural Research is recruiting

68 RESEARCHERS (MF)

INRA, the leading agricultural research institute in Europe, is focusing on the major issues involved in global sustainable development: food geared towards people’s needs, competitive agriculture and a preserved environment. From fundamental research to breakthroughs, INRA scientists work together in dynamic multidisciplinary teams open to the world that reconcile group projects and professional self-fulfillment.

Applications from 15th of January to 27th of February 2009

www.inra.fr

EEO. Non-smoking work environment.
Science Careers is the window that displays your vision.

Revealing your vision to employers is our job. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and entry point to the latest and most relevant career information across the globe.

Our newly designed website offers a set of tools that reveal career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your window to a limitless future.

**Improved Website Features:**
- Relevant Job E-mail Alerts
- Improved Resume Uploading
- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.
The Eberly College of Arts and Sciences at West Virginia University is seeking candidates for the Eberly Family Professor of Energy Policy. The area of Energy Policy is one of the three areas of focus in West Virginia University’s recently announced Advanced Energy Initiative along with Fossil Energy and Sustainable Energy. We are seeking a dynamic individual to provide scholarly leadership, at the state, national, and international levels in the general area of energy policy. Acceptable candidates must have a record of significant scholarly and educational accomplishments in the area of energy policy. The Eberly Family Professor of Energy Policy will hold tenure in one of the social science units of the Eberly College of Arts and Sciences and must have credentials expected of such a faculty appointment, including the Ph.D. degree.

Our College is recognized for its strengths in discovery, learning, and engagement in the social sciences. Our Department of Geology and Geography has an international reputation for its research contributions in the areas of energy exploration and development, remote sensing, and GIS. Equally strong programs are found in our college’s School of Applied Social Sciences, incorporating Public Administration, Sociology, and Social Work, as well as in our Department of Political Science and Institute for Public Affairs. All units partner with the University’s Regional Research Institute led by Professor Randy Jackson, of the Department of Geology and Geography.

West Virginia University is also well known for its basic and applied science and engineering research, particularly with respect to fossil energy sources. The institution is engaged in ongoing collaborations not only with the National Energy Technology Laboratory but also with partner universities and industries in the region focused on the effective and responsible utilization of our regions substantial fossil energy resource reserves. The Eberly College of Arts and Sciences is a strong partner in these endeavors and seeks to build strength in the area of energy policy. The Eberly Family Professor of Energy Policy will be expected to take a lead role in this development and work closely on collaborative projects with colleagues from across WVU and our partners.

Interested individuals should prepare an application package to include (1) a statement describing their qualifications and vision for the Energy Policy; (2) a complete curriculum vitae, including a record of scholarly activity and leadership experience; and (3) the names and contact information for at least five references. The search committee will begin reviewing applications on March 1, 2009, although the position will remain open until filled. The package should be submitted electronically to EberlyEPProf@mail.wvu.edu. Questions regarding the position should be addressed to Fred L. King, Associate Dean, Eberly College of Arts and Sciences, fred.king@mail.wvu.edu, (304) 293-4611.

West Virginia University is an Affirmative Action, Equal Opportunity Employer dedicated to building a culturally diverse and pluralistic faculty and staff committed to working in a multicultural environment. Applications from women, minorities, individuals with disabilities and covered veterans are encouraged. Individuals that are part of dual career couples are also encouraged to apply.

POSITIONS OPEN

An instrumental chemistry postdoctoral position is available immediately in the laboratories of Dr. Nicholas E. Goeders in the Department of Pharmacology, Toxicology & Neuroscience at the LSU Health Sciences Center in Shreveport. This position will be part of a team investigating the neurobiology of stress and addiction, with special emphasis on the brain mechanisms involved in drug craving and drug seeking. Applicants should have training in operation and maintenance of commercial mass spectrometers and HPLC. Salary will be $28,000-$51,036 depending on experience. Applications should include a CV, a list of publications and the names of references familiar with the applicant’s work. The LSU Health Sciences Center in Shreveport, located in northwest Louisiana, is the largest medical facility in the Tri-State area and has a reputation for excellence in medical and graduate student education and research. Excellent core facilities exist within the LSU Health Sciences Center and the adjoining Biomedical Research Institute.

Nicholas E. Goeders, Ph.D.
Professor and Head
Department of Pharmacology, Toxicology, & Neuroscience
LSU Health Sciences Center
P.O. Box 3932
Shreveport, LA 71130-3932
NGOEDE@LSUHSC.EDU
www.sh.lsuhsct.edu

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The 2nd meeting on Molecular Mechanisms of Aging and Age-Related Diseases
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CALL FOR PAPERS: Abstracts for oral presentation and posters which fit within the theme of the meeting are invited.

ORGANIZERS: Dr. Andrew Dillin in association with Abcam

TOPICS:
- Diseases of aging I: metabolic syndromes
- Diseases of aging II: cancer
- Diseases of aging III: neurodegeneration
- Organismal aging: vertebrates | The aging proteome | The aging genome

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Abstract Submission Deadline
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Awards

Invitation to nominate

The Royal Society Rosalind Franklin Award is designed to promote women in Science, Technology, Engineering and Mathematics (STEM) and is funded by the Department for Innovation, Universities and Skills (DIUS).

The award, consisting of a medal and £30,000, is made annually to an individual for an outstanding contribution to any area of STEM. As part of the nomination process nominees are asked to put forward a proposal for a project that would raise the profile of women in STEM in their host institution and/or field of expertise in the UK. The recipient of the award will be expected to spend a proportion of the £30,000 award fund on implementing their project.

There are no restrictions on the age of nominees, but it is anticipated that the award will be made to someone in their mid-career and actively involved in scientific research. Nominations are welcomed for both women and men.

For full details of the Award and guidelines for nomination, including the online nomination forms, visit royalsociety.org/franklin

Closing date for nominations: Monday 23 February 2009
Stanford University School of Medicine, Department of Microbiology and Immunology, invites applications for a tenure-track faculty position at the ASSISTANT PROFESSOR level, although candidates at the Associate or Professor level will be considered. We are looking for highly interactive candidates with an outstanding record of research achievement in the area of microbiology and/or immunology. The predominant criterion for appointment into the University faculty is a major commitment to research and teaching.

The Department of Microbiology and Immunology (website: http://microimmuno.stanford.edu) is a collegial, interactive, and interdisciplinary environment that spans research areas of bacteriology, virology, parasitology, and immunology. Current faculty use a variety of classical and modern approaches to study aspects of host-microbe interactions. Applicants are expected to establish competitive and innovative research programs that complement the current research of the Department. Responsibilities will also include teaching graduate, undergraduate, and/or medical students.

Interested applicants should submit curriculum vitae, a statement of research objectives, and a teaching statement, and arrange for three letters of reference to be sent directly to:

Chair, Search Committee
Dr. Mayumi Beppu
Department of Microbiology and Immunology
Stanford University School of Medicine
Fairchild Science Building
The Stanford University Campus
Stanford, CA 94305-5124

Applications will be accepted until March 2, 2009.

Stanford University is an Equal Opportunity Employer and is committed to increasing the diversity of its faculty. It welcomes nominations and applications from women and members of other groups underrepresented in science and engineering, as well as those who bring additional dimensions to the University’s research, teaching, and clinical missions.

FACULTY POSITIONS

Human Anatomy and Physiology

The Division of Basic Pharmaceutical Sciences (DBPS) invites applications for two 12-month, tenure-track positions at the rank of ASSISTANT or ASSOCIATE PROFESSOR starting August 2009. Candidates for these positions must have a Ph.D. in a biological or biomedical sciences field with an emphasis on human anatomy and/or physiology. The primary responsibility of both positions is to teach human anatomy and physiology lecture and laboratory courses in the Pharm.D. curriculum and to participate in other courses in the curriculum related to their expertise. The successful candidate will also be expected to establish a funded research program in his or her area of interest. Preference will be given to candidates with previous teaching experience. Applicants should submit (i) a letter of interest, (ii) curriculum vitae, (iii) a statement of teaching philosophy (including background for teaching human anatomy and/or physiology), (iv) a plan for developing research, and (v) the names and contact information for at least three references to: Tarun K. Mandal, Ph.D., Chair, DBPS Faculty Search Committee, Xavier University College of Pharmacy, 1 Drexel Drive, New Orleans, LA 70125. E-mail: dbps@xu.edu; telephone: 504-520-7650; fax: 504-520-7954.

Xavier University of Louisiana is an Equal Opportunity and Affirmative Action Employer. Women, minorities, and persons with disabilities are encouraged to apply.

POSTDOCTORAL POSITION

available in the laboratory of Dr. R. R. Rao, in the Department of Molecular Biology and Biochemistry, the Catholic University of America, Washington, D.C., to work on the development of novel multicomponent vaccines using bacteriophage T4 display (website: http://faculty.cua.edu/rrao/). Research involves the design and production of novel DNA vaccines and protein immunogens. Candidate will have Ph.D. in biological sciences and strong background in molecular biology and biochemistry. E-mail curriculum vitae and names of three references to e-mail: rao@cua.edu. CUA is an Equal Opportunity Employer.

DEPARTMENT OF MEDICINE

University of California, San Francisco

The Department of Medicine at the University of California, San Francisco is recruiting for physician-scientists engaged in basic research. Candidates must have demonstrated potential to lead a first-rate, independent research program and be American Board of Internal Medicine-certified. Successful candidates will be eligible for faculty membership in the Bio-Medical Sciences Graduate Program and for membership in the recently created Institute for Molecular Medicine. Outstanding research space and generous startup packages will be provided. Appointment will be at the ASSISTANT/ASSOCIATE PROFESSOR level in any relevant division of the Department depending on seniority and experience of the successful candidate.

Send curriculum vitae, a brief statement of your research plans, and three letters of reference to Dean Sheppard, M.D., Chair, Search Committee, Director, Lung Biology Center. Send materials to: dean.sheppard@uscf.edu and/or by mail to University of California San Francisco, P.O. Box 2922, San Francisco, CA 94143-2922. UCSC seek candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence. UCSC is an Equal Opportunity/Affirmative Action Employer. Applications must be received by March 6, 2009. UCSC is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

Molecular Biology and Genetics

The Department of Biochemistry and Molecular Biology at the University of Pittsburgh Graduate School of Public Health invites applications for a tenure-track faculty position at the rank of ASSISTANT/ASSOCIATE/ASSOCIATE PROFESSOR in the area of viral immunity. Applicants must have a Ph.D. or M.D. degree or equivalent. The candidate is searching for an individual with extensive expertise in T cell mediated immunity to HIV and HCV antigens, as well as flow cytometry-based assays. The selected individual will be required to plan and direct immunological experiments, to test T cell reactivity to viral epitopes in human subjects, demonstrate extensive knowledge of multicolor flow cytometry, and supervise technical personnel and students. Special consideration will be given to those candidates with extensive experience in writing manuscripts and grant applications. The candidate will have flexibility to develop his/her own collaborative project with the principal investigator. Applicants should submit, to e-mail: fjennings@pitt.edu, curriculum vitae, statement up to three pages of research interests and future plans, and names and contact details of three references to: Dr. Frank Jenkins, Chair, Research Assistant Professor Search Committee, Department of Infectious Diseases and Microbiology, Fagin Laboratory, Graduate School of Public Health, University of Pittsburgh, 130 DeSoto Street, Pittsburgh, PA 15261. Review of applications will commence upon receipt and will continue until the position is filled. The University of Pittsburgh is committed to Affirmative Action, Equal Opportunity, and the diversity of its work force.

Two POSTDOCTORAL POSITIONS are available to study oxidative stress signaling in cell survival and death. First position will investigate Nr2z and Inr2 (Kcp1) signaling in oxidative stress, cell survival, and cancer. It involves studying oxidative stress–induced membrane damage, drug sensitivity of Nr2z and Inr2 by serine/threonine kinases and tyrosine kinases and redox factors and generation of knockout/transgenic mice models of carcinogenesis. Second position will study stress responsive proteins NQO1 and NQO2 regulation of tumor suppressor p53 and related factors in oxidative stress and oncogenesis. It involves studying protein-protein interaction, protein modifications and degradation, apoptosis, and generation of knockout/transgenic mice models. Experience in isolation and characterization of cellular biology techniques is essential. Applicants should submit curriculum vitae and names, e-mail addresses of three references to: Anil K. Jaiswal, Ph.D., Professor and Director, Department of Pharmacology, University of Maryland School of Medicine, 22 North Greene Street, Baltimore, MD 21201, or e-mail: aja@som.umaryland.edu. UM is an Affirmative Action/Equal Opportunity Employer.

MOLECULAR DIAGNOSTIC POSTDOCTORAL POSITION available at UCLA to study the basic and clinical sciences for molecular diagnostics using oral fluids. The UCLA Collaborative Oral Fluid Diagnostic Research Center focuses and spearheads basic and clinical research for saliva diagnostics for high impact disease detection (website: http://hspp.dent.ucla.edu/wonglab/). Studies include biomarker discovery and validation, biomarker characterization, excellent working and career development environment. Applicants with Ph.D., M.D./Ph.D., and D.D.S./Ph.D. in biology may send curriculum vitae and references to e-mail: dww@ucla.edu.

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