ASC HINTIBIDE

MATERIAL ENGINEERING MANAGER

Requires degree in material engineering, or equivalent experience.

ASSISTANT PROFESSOR, cardiology, Dalhousie University.

Cardiovascular physiology.

Dr. Paul R. Murphy, Head, Department of Medicine, Dalhousie University.

Assistant Professor position available for the 2008 academic year.

Qualified candidates will have demonstrated research expertise in cardiovascular physiology, with an emphasis on molecular or cellular research in cardiovascular physiology and/or pathophysiology. Applicants must have a Ph.D. and/or M.D. degree, several years of post-doctoral training, excellent communication skills, and a strong record of peer-reviewed publications.

The successful candidate will be expected to develop active and synergistic research collaborations with other cardiovascular researchers in both basic science and clinical departments of the Faculty of Medicine.

Please send resumes to e-mail: jobs@mi-llc.com.

NEUROANATOMIST

The Section of Anatomy at the Southern Illinois University (SIUE) School of Dental Medicine is seeking applicants for a full-time (12-month) tenure-track appointment for a Neuroanatomist at the Assistant/Associate Professor level.

Applicants must have a Ph.D. or equivalent, teaching experience in neuroanatomy, and the background to assist in teaching in the gross anatomy laboratory.

Experience in teaching histology, oral biology, and/or pain mechanisms is preferred but not required. Post-doctoral fellowship is desirable. The candidate is expected to be active in dentally related research, particularly the development and mechanisms of dental pain.

A competitive academic rank and salary are commensurate with experience and qualifications.

The school is located on a historic campus, 15 minutes from the campus of Southern Illinois University at Carbondale and 30 minutes from St. Louis. Review of applications will begin in February 2008, and continue until the position is filled.

Send a letter of interest, curriculum vitae, and three letters of reference to: Dr. Ann Boyle, Dean, School of Dental Medicine, Southern Illinois University.

Science Careers

From the Journal Science

AAAS
Help Us Help Millions

NIAID

National Institutes of Health
National Institute of Allergy and Infectious Diseases

Health Scientist Administrator

The National Institute on Drug Abuse (NIDA) is recruiting for an energetic, highly skilled research scientist with pronounced experience in the area of basic neuroscience and/or clinical research with the ability to synthesize and present science information to a wide variety of audiences. A desirable candidate will possess many independent research accomplishments documented by an outstanding publication/presentation record and/or high-level administrative experience.

The successful candidate will be a respected, accomplished scientist with maturity, integrity and outstanding communication skills. Qualified applicants must possess a Ph.D. or equivalent doctoral degree with an emphasis in neuroscience or clinical research or equivalent training and experience.

As a Health Scientist Administrator for NIDA, Office of Science Policy and Communications, Science Policy Branch, you will develop position statements on scientific issues, serve as an authority in the field of drug abuse research, represent the Institute before professional, scientific and public interest groups, work as part of a team to develop publications, and actively participate in a wide variety of planning, evaluation, and dissemination activities with senior staff of the Institute.

Compensation is commensurate with research experience and accomplishments and a full Civil Service package of benefits is available (including retirement and 401K equivalent plans as well as health, life, and long-term care insurance). Annual salary range is $79,397 - $121,967.

For additional information about this opportunity as a Health Scientist Administrator at NIDA, please visit www.usajobs.gov where detailed information may be found under Announcement NIDA-08-229980. Supplemental documentation must be submitted to Patrick Campion, National Institutes of Health, 2115 East Jefferson Street, Room 2A-203, Rockville, Maryland 20852 or faxed to (301) 451-5688.

Post-doctoral Position: Antigen Presentation in Non-Human Primates

Dr. Bernard A. Lafont

A post-doctoral fellowship is available in the Laboratory of Molecular Microbiology of the National Institute of Allergy and Infectious Diseases (NIAID) at the National Institutes of Health (NIH) within the Department of Health and Human Services (DHHS) to investigate antigen presentation in the context of primate lentivirus infection and AIDS vaccine development. The successful candidate will join the newly established Non–Human Primate Cellular Immunology and Immunogenetics Unit studying the kinetics and functional properties of cellular immune responses specific to primate lentiviruses (SIV, SHIV viruses) in monkeys (macaques, African green monkeys).

Suitable applicants should be highly motivated and have obtained recently a Ph.D. and/or M.D./D.V.M. degree with a strong background in immunology, virology, biochemistry and/or genetics. Prior experience with non-human primates, while desirable, is not essential for this position. The salary is commensurate with previous experience and qualification. Applicants are invited to send a cover letter, curriculum vitae, summary of past work and contact information of three references to:

Dr. Bernard A. Lafont
Non–Human Primate Cellular Immunology and Immunogenetics Unit
Laboratory of Molecular Microbiology, NIAID – NIH, Building 4 Room 328
4 center drive, Bethesda, MD 20892-0460 USA

e-mail: blafont@niaid.nih.gov

To learn more about NIAID and additional job opportunities, please visit:
http://healthresearch.niaid.nih.gov/dpp

Proud to be Equal Opportunity Employers
Positions

The National Institute of Allergy and Infectious Diseases (NIAID), Division of Intramural Research (DIR), is seeking an outstanding tenure-track investigator to develop a clinical research program. This position will be tenured or on the tenure track and funding will be available to support the candidate’s program of research. The Director will report to the Chief of the RMD.

The Biomechanics Program offers a unique research opportunity in support of the mission of the NIH; fostering fundamental creative discoveries, developing scientific resources and expanding medical and scientific knowledge. The successful candidate will direct a state of the art motion capture lab (with a 4-force plate, 6-camera Vicon system, an instrumented treadmill, a Biodex, and a Philips IU-22 ultrasound, along with access to various state-of-the-art technologies within the CC). The director will be expected to lead a diversified team of engineering and clinical staff in performance of cutting edge rehabilitation research. Responsibilities will include the development of innovative research tools, the creative application of these tools to critical research questions and the training of both clinical and engineering-based researchers.

**Responsibilities:**
1. Provide visionary leadership in the field of biomechanics.
2. Develop an independent line of research that compliments ongoing protocols.
3. Establish collaborations with the NIH institutes along with other experts in the field.
4. Establish collaborations with other NIH institutes along with other experts in the field.
5. Provide research training opportunities for research fellows, post-docs, and visiting scholars.
6. Translate the research into both scholarly publications and into clinically applicable tools.
7. Guide their research team in the process of data collection, monitoring and clinical interpretation.
8. Serve as an expert in the field of biomechanics for both NIH and the wider research community.

**Qualifications:**
- The successful candidate will have:
  1. An advanced clinical degree or Ph.D. in biomechanics or related field.
  2. At least 3-5 years of experience working in a biomechanics laboratory.
  3. Expertise in three-dimensional, six degree-of-freedom kinematic and kinetic analyses is desirable, particularly of gait.
  4. Experience in musculoskeletal modeling and data processing and analysis.
  5. Recognition of leadership within the field (e.g., a history of influential grantmanship, a history of scholarly publications).
  6. Excellent interpersonal and communication skills.

**Interested candidates should contact:** Lula Russell, Rehabilitation Medicine Department, NIH, Building 10, CRC, Room 1-1469, 10 Center Drive, MSC 1604, Bethesda, MD 20892-1604, Phone: 301-496-4733, Fax: 301-402-0663, Email: lrussell@cc.nih.gov.

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Clinical Tenure-Track Position

**National Institute of Allergy and Infectious Diseases**

The National Institute of Allergy & Infectious Diseases (NIAID), Division of Intramural Research (DIR), is seeking an outstanding tenure-track investigator to develop a clinical research program to better understand, treat, and ultimately prevent infectious, immunologic, and/or allergic diseases. The scope of the NIAID research portfolio has expanded considerably in recent years in response to new challenges such as bioterrorism; emerging and reemerging infectious diseases, including acquired immunodeficiency syndrome (AIDS), influenza, severe acute respiratory syndrome (SARS), West Nile virus, malaria, and tuberculosis; immunologic diseases and the increase in asthma prevalence among children in this country.

The successful candidate will implement and direct an independent clinical research program with research emphasis on clinical research but may include translational or basic research. The incumbent will have the opportunity to choose the Laboratory in which he/she would like to be affiliated. It is expected that clinical protocols developed will complement the research goals of the Laboratory selected. In addition, the candidate will be paired with a Senior Investigator who will serve as a clinical mentor.

An outstanding postdoctoral record of research accomplishment and M.D., M.D./Ph.D. or equivalent degree is required for this position; board eligibility/board certification is also required. The incumbent will be expected to be qualified for credentialing by the NIH Clinical Center.

Candidates will be assigned independent resources to include clinical and/or laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries to ensure success. This is a tenure-track appointment under Title 42. Salary is dependent on experience and qualifications.

Interested candidates may contact Dr. Karyl Barron, Deputy Director, DIR, NIAID at 301/402-2208 or email (kbarron@nih.gov) for additional information about the position. To apply for the position, send your curriculum vitae, bibliography, and an outline of your proposed research program (no more than two pages), by January 31, 2008 via email to Ms. Wanda Jackson at jacksonwa@niaid.nih.gov. In addition, three letters of recommendation must be sent to Chair, NIAID DIR Clinical Tenure Track Search Committee, c/o Ms. Wanda Jackson at jacksonwa@niaid.nih.gov or 10 Center Drive MSC 1356, Building 10, Rm. 4A-26, Bethesda, Maryland 20892-1356. E-mail is preferred. Please note search #018 when sending materials.

Further information regarding the DIR laboratories is available at: [http://www3.niaid.nih.gov/about/organization/dir/default.htm](http://www3.niaid.nih.gov/about/organization/dir/default.htm) and information on working at NIAID is available on our website at: [http://healthresearch.niaid.nih.gov](http://healthresearch.niaid.nih.gov).
OFFICE OF PORTFOLIO ANALYSIS AND STRATEGIC INITIATIVES
DIRECTOR, DIVISION OF EVALUATION AND SYSTEMIC ASSESSMENTS

The Office of the Director, National Institutes of Health (NIH) in Bethesda, Maryland, is seeking a Director of the Division of Evaluation and Systemic Assessments (DESA) within the Office of Portfolio Analysis and Strategic Initiatives (OPASI). If you are an exceptional candidate with an M.D. and/or Ph.D. and the vision and ability to integrate evaluation systems and programs across multiple disciplines and organizations, we encourage your application.

The OPASI’s primary objective is to develop: a transparent process of planning and priority-setting characterized by a defined scope of review with broad input from the scientific community and the public; valid and reliable information resources and tools, including uniform disease coding and accurate, current and comprehensive information on burden of disease; an institutionalized process of regularly scheduled evaluations based on current best practices; the ability to weigh scientific opportunity against public health urgency; a method of assessing outcomes to enhance accountability; and a system for identifying areas of scientific and health improvement opportunities and supporting regular trans-NIH scientific planning and initiatives.

As the DESA Director, you will be responsible for planning, conducting, supporting, and coordinating, specific program evaluations and projects of NIH Institutes and Centers such as the Roadmap, Obesity, and Neuroscience Blueprint initiatives. In addition, you will serve as the liaison for conducting governmentally required assessments according to the Government Performance and Results Act (GPRA) and OMB Program Assessment Rating Tool (PART). You will also serve as a member of the OPASI Steering Committee involved in oversight of institution-wide planning and analysis.

Salary is commensurate with experience and includes a full benefits package. A detailed vacancy announcement with the mandatory qualifications and application procedures can be obtained on USAJOBS at www.usajobs.gov (announcement number OD-08-230779-T42) and the NIH Web Site at http://www.jobs.nih.gov. Questions on the application procedures may be addressed to Brian Harper on 301-594-5332. Applications must be received by midnight eastern standard time on February 18, 2008.

OFFICE OF PORTFOLIO ANALYSIS AND STRATEGIC INITIATIVES
DIRECTOR, DIVISION OF EVALUATION AND SYSTEMIC ASSESSMENTS

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With nation-wide responsibility for improving the health and well being of all Americans, the Department of Health and Human Services (DHHS) oversees the biomedical research programs of the National Institutes of Health and those of NIH’s research Institutes.

The National Cancer Institute (NCI) at the NIH is seeking a Microbiologist, Chemist, or Biologist to fill the position of Chief in the Cancer Etiology Branch (CEB). This branch administers a large portfolio of research grants covering a broad spectrum of topics directed at understanding the biological basis of cancer, emphasizing cancer etiology, biological and chemical carcinogenesis. The Branch Chief uses expert knowledge of the research field and administrative experience to provide the Branch with leadership, direction, coordination and perspective as well as to respond to NCI leadership. The Chief develops initiatives in the area of scientific responsibility, establishes program priorities, evaluates program effectiveness, provides information, advice and consultation to individual scientists and institutional management officials relative to NIH and NCI funding, provides NCI leadership with recommendations concerning funding needs, priorities and strategies, and organizes meetings and workshops to further program objectives.

A full Civil Service package of benefits (including health and life insurance options, retirement, paid holidays, vacation and sick leave) is available.

The NCI vacancy announcement for this position contains complete application procedures and lists all mandatory information, which you must submit with your application. To obtain the vacancy announcement for this position which will be available on 12/11/2007 and posted under announcement #NCI-08-235571-DE&MP, you may visit the website https://careerhere.nih.gov OR you can have it faxed to you by calling 1-800-728-JOBS (for local calls, 301-402-5057) and enter the “FAX ID Number 1899”. You will be prompted for your fax machine number. Applications must be postmarked by 01/29/2008.
**Department of Structural Biology**

St. Jude Children's Research Hospital (SJCRH), a premier center for biomedical investigation located in Memphis, Tennessee, USA, is seeking to fill two faculty positions in the Department of Structural Biology. Research in the Department is highly interactive within the hospital and centers on understanding the molecular basis of biological processes and human diseases. Examples of ongoing research include mechanistic studies of protein degradation, cell cycle regulation, tumor suppressor function, signal transduction, transcriptional regulation, DNA repair, structure-based drug design and lipid metabolism. A wide range of structural techniques are available in-house, including X-ray crystallography, NMR spectroscopy and high-level computing. Regular access to synchrotron radiation is guaranteed through membership of SER-CAT at the Advanced Photon Source.

SJCRH is a hospital and basic research institute that focuses on the fundamental causes and treatment of catastrophic childhood diseases including cancer, infectious diseases and genetic disorders. Founded by Danny Thomas in 1962, the hospital currently includes some 150 basic and clinical investigators organized into a traditional academic environment. The research environment at SJCRH is highly interactive, with opportunities to collaborate with investigators in other Departments, including Biochemistry, Chemical Biology and Therapeutics, Developmental Neurobiology, Genetics and Tumor Cell Biology, Hematology, Oncology, Immunology, Infectious Diseases, Molecular Pharmacology, Pathology and Pharmaceutical Sciences. All investigators have access to state-of-the-art core facilities that include proteomics, genomics, bioinformatics, imaging, protein production, molecular synthesis and high throughput small molecule screening. SJCRH continues to receive support through the fundraising efforts of the American Lebanese Syrian Associated Charities (ALSAC).

The candidates will be expected to develop independent and funded research programs and to eventually become established investigators within the hospital. They will have interests in applying structural/biophysical methods to address fundamentally important biological questions. It is expected that one position will be filled by an X-ray crystallographer, and the second by an NMR spectroscopist. The new positions will be supported by generous startup funds and personnel. Candidates should have a Ph.D. and/or MD degree, at least three years of relevant postgraduate experience, and a demonstrated track record of productivity. **Applicants should send a curriculum vitae, a 1-2 page summary of research interests and future plans, and the names of three references to:**

Dr. Stephen W. White, Chair, Department of Structural Biology, St. Jude Children’s Research Hospital, 332 N. Lauderdale St., Memphis, TN 38105.

www.stjude.org

St. Jude is an Equal Opportunity Employer and a Drug Free Workplace. Candidates receiving offers of employment will be subject to preemployment drug testing and background checks.

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**FACULTY**

**Training in Infectious Disease Research**

University of Pennsylvania School of Veterinary Medicine

**Veterinary Center for Infectious Disease Research**

As part of an ongoing initiative to expand infectious disease research at the School of Veterinary Medicine, the Veterinary Center for Infectious Disease Research invites applications for Research Fellowships from veterinarians aiming for a career in which research is a principal component. Candidates must have a veterinary degree and evidence of research potential. Board certification in any relevant clinical specialty is desirable but not essential. Successful candidates will initiate basic or translational research projects under the mentorship of established investigators at the School. Possibilities exist for research projects that include overseas components with collaborating laboratories in South America or Africa. Fellowships, which include stipend, health insurance and research funds, will initially be for one year, with the potential for a second year depending on progress and available funding. Applicants should submit a letter of intent, CV, and the names and contact information for 3 referees to: Ms. Louisa Dowling, Department of Pathobiology, School of Veterinary Medicine, University of Pennsylvania, 3800 Spruce St., Philadelphia, PA 19104-6008; 215-898-7898; dowling@vet.upenn.edu. The deadline for applications is April 1, 2008. Specific questions about the fellowships may be directed to Dr. Edward Pearce; 215-772-3493; e-mail: ejpearce@mail.med.upenn.edu. The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer.

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**FONDS DE LA RECHERCHE SCIENTIFIQUE – FNRS**

(Belgium)

**Scientific Impulse Mandate—ULYSSES Mobility**

The «Scientific Impulse Mandate – ULYSSES Mobility» consists of encouraging Belgian, or foreign, highly qualified researchers who currently have a scientific career abroad to develop it in a university of the French Community of Belgium.

The applicant should have the required qualifications to lead a research team, have an international scientific recognition and must have been living abroad for at least five years at the time of the application.

The project promoter will be granted a maximum of €200,000 per year.

Applications are submitted by completing the form, which is available in PDF format on the F.R.S.-FNRS website (www.frs-fnrs.be).

The deadline for submission is the 31st January, at the latest.

Regulation is available for consultation on the F.R.S.-FNRS website (www.frs-fnrs.be).

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**LEE KUAN YEW POSTDOCTORAL FELLOWSHIP**

Applications are invited from young and outstanding academics for the prestigious Lee Kuan Yew Postdoctoral Fellowship (LKY PDF) in the National University of Singapore (NUS) and Nanyang Technological University (NTU).

The Fellowship is tenable for up to 3 years, with possible extension for 2 further years. LKY PDFs can apply for academic positions following the Fellowship.

Gross annual salary ranges from $S72,000 to $S144,000 (approx US$50,000 – US$100,125) with commencing salary depending on qualifications and experience. Leave and medical benefits will be provided. For details of other benefits offered and application procedure, please visit the websites of the respective University*.

**APPLICATION**

Interested candidates should send their complete application packages, comprising all documents listed below, to the respective University. *

- NTU Application or NUS Personal Particulars Form (downloadable from website)
- Detailed Curriculum Vitae; List of Publications & Educational Certificates
- 3 International Referee Reports (including contact details)
- Statement of Research Intent (details of proposed research plan)

**Closing date: 5 March 2008**

Successful candidates will be notified in June 2008

* For application and contact details, please see:
NUS: http://www.nus.edu.sg/ore/fellowships/fellowship_lky.htm
NTU: http://www.ntu.edu.sg/hr/recruit/research/LKY2008.htm
Inaugural National Security Science and Engineering Faculty Fellowship Competition

Nominations open on Jan. 8th, 2008
Nominations deadline is Feb. 21st, 2008

- Basic research grant of $600K/year for up to five years to outstanding faculty whose PhD was awarded within the past 25 years.
- Nominations from accredited, degree-granting Institutions.
- Open to all disciplines. For a list of DoD-relevant technologies, see the website below.
- Two stage evaluation: brief white papers, then full proposals and interviews with finalists.
- Research conducted under this program will be unclassified.
- Security clearance not required at time of application. If selected as a finalist, an application for clearance must be submitted. Secret security clearance required for final award.

Visit nsseff.ida.org for full announcement, rules, and nomination procedures

For further information call Deputy Under Secretary of Defense for Laboratories and Basic Sciences, (703) 588-1372
The Department of Environmental Studies within the LSU School of the Coast and Environment invites nominations and applications for the Claiborne Gasoline Company Chair in Air Quality/Environmental Toxicology. Candidates are sought whose career accomplishments and aspirations are oriented towards solving air pollution and air toxics problems. The Department of Environmental Studies offers a M.S. in Environmental Sciences, a joint B.S. degree in Coastal Environmental Science, and is currently developing a doctoral program. Required Qualifications: Eligible for a tenured position at the Full Professor level; Ph.D. in environmental sciences or related fields with an established program of research and extramural funding relevant to solving air pollution and air toxics problems; excellence in teaching, graduate mentorship and professional service; ability to work collaboratively to address compelling questions in air quality and environmental toxicology.

Responsibilities include, but are not limited to: Identifiers health effects from exposure to air toxics; develop strategies that can eliminate or mitigate air toxics and air toxics byproducts; educates students and the public in important issues of air pollution and air toxics control, mitigation, and policy. The Department and the School of the Coast and Environment are strongly committed to diversity and encourage applications from individuals with varied backgrounds and perspectives. An offer of employment is contingent on a satisfacto-

ory pre-employment background check. Application deadline is February 15, 2008 or until a can-
didate is selected. Appointment will begin in August 2008. Applicants should submit a letter describing their research and teaching interests, a current C.V. (including e-mail address) and the names and contact information (with e-mail addresses) for three references to: Chair, Department of Environmental Studies, 1285 Energy, Coast & Environment Building, Louisiana State University, Ref: Log #1104, Baton Rouge, LA 70803-5705, E-mail: nlam@lsu.edu.

 LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

NEUROSCIENCE AND
CELL BIOLOGY

UMDNJ-Robert Wood Johnson Medical School has a tenure-track/tenured position available in neuroscience and cell biology at the (UMDNJ) University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School. Investigators with interests in molecular neurobiology, cell biology and developmental neurobiology are encouraged to apply. The position will be available beginning July 1, 2008.

Please submit curriculum vitae, summary of scientific interests and goals, and three letters of reference to: Cheryl F. Dreyfus, Ph.D., Professor and Acting Chair. Address this material to Ms. Mary Beth Sparta, Department of Neuroscience and Cell Biology, UMDNJ-Robert Wood Johnson Medical School, 675 Hoes Lane West, Piscataway, NJ 08854-8021. UMDNJ is an EEOE/m/f/d/v, and a member of the University Health System of New Jersey.

ORGANIC CHEMIST
STRUCTURAL BIOCHEMIST

The University of Texas at El Paso invites applications for tenure-track positions at the Assistant Professor level beginning August 2008. Successful candidates must demonstrate a commitment to excellence in teaching at both the undergraduate and graduate levels and are expected to develop externally funded, independent research programs. The department currently offers an ACS-certified undergraduate degree and M.S. and Ph.D. graduate degrees. Opportunities exist for collaborative research with other programs in the College of Science, the College of Engineering, and research programs in the Border Biomedical Research Center and the Center for Environmental Resource Management.

**ORGANIC CHEMIST**: Candidates in all areas of organic chemistry will be considered. A Ph.D. in chemistry is required; postdoctoral experience is desired. Responsibilities include teaching organic chemistry (lecture and laboratory) courses. Relevant materials, as specified below, should be sent to: Organic Chemistry Assistant Professor Search Committee, Department of Chemistry, UTEP, El Paso, TX 79968-0513.

**STRUCTURAL BIOCHEMIST**: A Ph.D. in Biochemistry (or related field) is required. Postdoctoral experience in the areas of macromolecular X-ray crystallography, cryo-electron microscopy (cryo-EM), and/or electron tomography is highly desired. Teaching responsibilities include biochemistry lecture and laboratory courses. The candidate will play a pivotal role in establishing a new cryo-EM facility. Relevant materials, as specified below, should be sent to: Biochemistry-Assistant Professor Search Committee, Department of Chemistry, UTEP, El Paso, TX 79968-0513.

Candidates should submit a letter of application, a detailed curriculum vita, undergraduate and graduate transcripts, a statement of teaching philosophy, a description of research plans, and arrange to have three letters of reference separately sent to the appropriate search committee. Review of applications will begin February 1, 2008, and will continue until the positions are filled. Additional information about our department can be found at: http://www.chemistry.utep.edu

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action Employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, or sexual orientation in employment or the provision of services.

OLD DOMINION UNIVERSITY
COLLEGE OF SCIENCES
FACULTY POSITIONS

The College of Sciences at Old Dominion University under the leadership of the newly appointed Dean Chris D. Platsoucas, Ph.D., is pursuing a major expansion of its research base. Applications are invited for over twenty tenure/tenure track faculty positions at all ranks to support this initiative of focused hiring in strategic areas. Areas of interest include the following:

1. **Biology** (immunology, molecular pathogenesis, virology, cancer research, ecology).
2. **Computer Sciences** (information retrieval, security and encryption, data mining and visualization, digital media, digital libraries, bioinformatics, medical imaging and applications, modeling and simulation).
3. **Chemistry** (organic chemistry).
4. **Psychology** (human factors; health, quantitative and clinical psychology).
5. **Mathematics & Statistics** (computational sciences and applied mathematics, statistics).
6. **Physics** (condensed matter, accelerator physics).
7. **Oceanography** (chemical, physical and geological oceanography).

Applications should include a curriculum vita, statement of research accomplishments and future research plans and names and addresses (including e-mails) of four references. Applications should be sent by e-mail (science@odu.edu) or regular mail to the Chair, Search Committee (please specify the position of interest) c/o Ms. Andrea Stephen, Dean’s Office, College of Sciences, Oceanography & Physics Building, Norfolk, VA 23529.

Old Dominion University is an Affirmative Action/Equal Opportunity institution and requires compliance with the Immigration Reform and Control Act of 1986.
Faculty Positions in a New Cancer Center

The New Jersey Medical School (NJMS) – University Hospital (UH) Cancer Center, a new 220,000 square foot state-of-the-art facility on the Newark Campus of UMDNJ, is looking to continue its major expansion through aggressive recruitment of outstanding scientists in basic and translational cancer research, at both the junior and senior levels. The NJMS-UH Cancer Center is located within the New York Metropolitan area and contains three research floors, a 20,000 sq. ft. mouse barrier facility, and three clinical floors for outpatient cancer services. There are twelve cancer researchers already housed in the building, and a broad cancer research community on campus. Areas of excellence include: breast cancer research, signal transduction, oncogenes and tumor suppressors, tumor virology, immunology, and cancer stem cells. Core facilities located in the building include those for confocal microscopy, digital imaging and histology, biostatistics, a proteomics facility and a tissue culture core. Additional core facilities are conveniently situated in adjacent buildings. Successful candidates must have an M.D. and/or Ph.D. degree together with outstanding credentials and will be expected to maintain a vigorous, independent extramurally funded research program. Generous start-up funds, competitive salary, and ultra-modern laboratory space are available for both tenured and tenure track positions.

Electronic applications, including curriculum vitae, a brief summary of accomplishments and future research directions, should be sent to muhammad@umdnj.edu. Applicants should also arrange to have three letters of reference sent to:

Harvey L. Ozer, M.D.,
Professor and Director, NJMS-UH Cancer Center
UMDNJ-New Jersey Medical School
Rm H1202, 205 South Orange Ave., Newark, N.J. 07101

Senior investigators need not provide letters of reference at this time and their applications will be treated with confidentiality if requested. For more information about the NJMS-UH Cancer Center visit: http://njmsuhcc.umdnj.edu/research.

UMDNJ is an AA/EOE, M/F/D/V Employer. The Cancer Center is an Affiliate of the UMDNJ Cancer Institute of New Jersey. Women, minority applicants, and dual career couples are encouraged to apply.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
NATIONAL INSTITUTES OF HEALTH
OFFICE OF THE DIRECTOR
OFFICE OF PORTFOLIO ANALYSIS AND STRATEGIC INITIATIVES
DIVISION OF RESOURCE DEVELOPMENT AND ANALYSIS

The Office of the Director, National Institutes of Health (NIH) in Bethesda, Maryland, is seeking a Director of the Division of Resource Development and Analysis (DRDA) within the Office of Portfolio Analysis and Strategic Initiatives (OPASI). If you are an exceptional candidate with an M.D. and/or Ph.D., we encourage your application.

The OPASI’s primary objective is to develop: a transparent process of planning and priority-setting characterized by a defined scope of review with broad input from the scientific community and the public; valid and reliable information resources and tools, including uniform disease coding and accurate, current and comprehensive information on burden of disease; an institutionalized process of regularly scheduled evaluations based on current best practices; the ability to weigh scientific opportunity against public health urgency; a method of assessing outcomes to enhance accountability; and a system for identifying areas of scientific and health improvement opportunities and supporting regular trans-NIH scientific planning and initiatives.

As the DRDA Director, you will be responsible for employing resources (databases, analytic tools, and methodologies) and developing specifications for new resources, when needed, in order to conduct assessments based on NIH-owned and other databases in support of portfolio analyses and priority setting in scientific areas of interest across NIH.

Salary is commensurate with experience and includes a full benefits package. A detailed vacancy announcement with the mandatory qualifications and application procedures can be obtained on USAJOBS at www.usajobs.gov (announcement number OD-08-236976-T42) and the NIH Web Site at http://www.jobs.nih.gov. Questions on the application procedures may be addressed to Brian Harper on 301-594-5332. Applications must be received by midnight eastern standard time on February 14, 2008.

This position is subject to a background investigation.

DHHS and NIH are Equal Opportunity Employers
Head, Department of Basic Medical Sciences

The Purdue University School of Veterinary Medicine is inviting applications for the position of Head of the Department of Basic Medical Sciences. We seek an individual with strong leadership skills and an internationally recognized record of scholarship and research. The department (http://www.vet.purdue.edu/bms/) has 20 faculty members with expertise and research interest in cancer biology, neuroscience, imaging, and nanotechnology, and has a close relationship with the Weldon School of Biomedical Engineering. The department has an active graduate program and faculty members also participate in university-wide interdisciplinary life science graduate programs. Faculty are involved in teaching anatomy, physiology, and pharmacology in the veterinary professional curriculum, the veterinary technology program and the professional curriculum of the Indiana University School of Medicine at Lafayette, and in the development and implementation of novel teaching methods. The School of Veterinary Medicine has a strong focus on comparative medicine and offers research support laboratories in the form of the Medical Discovery Resource Unit (http://www.vet.purdue.edu/mdru/). The School is home to the Center for Paralysis Research and the Purdue Cytometry Laboratories. Purdue University provides exciting opportunities for collaborative and interdisciplinary research through the NCI-funded Purdue Cancer Center, the Bindley Bioscience Center and Birck Nanotechnology Center in Discovery Park, Biomedical Engineering, and other academic departments and centers.

The successful candidate must have a DVM, MD and/or PhD degree; meet the qualifications for appointment as a tenured full professor; and a proven record of extramurally funded research in an area relevant to the department. Candidates must possess outstanding communication and interpersonal skills. Administrative experience is desirable and awareness of the departmental missions of discovery, learning and engagement is essential. The applicant must be committed to promoting the career development of others and to promoting an atmosphere of cultural diversity. The appointee will serve on the Executive Committee and the Academic Leaders Group of the School.

The closing date for applications is March 1, 2008, or until the position is filled. Applications which should include a statement of professional goals, curriculum vitae and names and addresses of four references should be sent as .pdf files to bmsearch@purdue.edu. Applicants wishing more information are encouraged to contact Dr. Harm HogenEsch, Chair of the search committee, Department of Comparative Pathobiology, School of Veterinary Medicine, Purdue University, phone: (765) 494-0596; e-mail: hogenesch@purdue.edu.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer and fully committed to a diverse workforce.

Faculty Positions in Statistical Genetics

The Ernest Gallo Clinic and Research Center together with the Department of Neurology at the University of California, San Francisco invite applications for 2 full time faculty positions at the Assistant, Associate, or Full Professor levels working in the area of statistical genetics.

Eligible candidates may have as their research focus the development of new algorithms for analysis of genetic data, development and/or the implementation of existing algorithms to identify genetic contributions to addictive behavior. The Gallo Institute has a long-standing National Institute on Drug Abuse program aimed at understanding the underlying biological basis of addiction behavior and ultimately leading to better therapies. The Gallo Institute has collected a large number of samples and controls from individuals with different addiction phenotypes. The successful candidates will ideally mine this data including genotypes that have already been generated to make advances in our understanding of the genetics of addiction.

The candidate should have a Ph.D. and/or M.D. and relevant postdoctoral research experience. In addition to a faculty appointment, the successful candidates will be eligible for membership in one or more of the graduate programs at UCSF.

Applicants should include a letter of interest, a curriculum vitae, and the names of four references to:

Dr. Louis Pátek, Committee Chair, Department of Neurology University of California, San Francisco 548F Rock Hall MC 2922 1550 4th Street San Francisco, CA 94158

The university is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply including minorities and women.

PhD/Postdoc Positions

in biomolecular EPR spectroscopy. The candidate should have a Master or equivalent degree in Physics or Chemistry. Desired - but not necessary - is some experience with magnetic resonance techniques or spectroscopy. The laboratory is equipped with Bruker Exxys X-band and W-band pulse spectrometers both with ENDOR and PELDOR capabilities.

Payment will be according to the German TVöD standard. The positions are available from January 1st, 2008.

The Max-Planck-Society seeks to increase the percentage of women in areas where they are underrepresented and are therefore encouraged to apply.

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

Please send your applications only per e-mail to bennati@mpibpc.mpimp.de.

Max-Planck-Institut für biophysikalische Chemie Dr. Martina Bennati Am Faßberg 11 37077 Göttingen Tel.: 0049-551-201 1911

DEPARTMENT OF PHYSIOLOGY UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER IN MEMPHIS

The Department of Physiology at The University of Tennessee Health Science Center (UTHSC) in Memphis invites outstanding scientists with Ph.D., M.D., or equivalent degrees for two tenure-track faculty positions at the rank of assistant professor to begin July 1, 2008. We are searching for creative scientists who will establish an extramurally funded research program and also excel at teaching medical, dental, and graduate students. UTHSC is the state’s flagship academic health center with an annual budget of close to 400 million dollars, and the Department of Physiology is currently ranked among the top 15 among public universities based on extramural funding. We are looking for candidates who use cutting edge methods and/or model systems with applications to fundamental physiological questions. We will consider applicants in all areas of physiology, but excellence of the candidates supersedes the area of research interest. Some emphasis will be placed on scientists focusing on integrative physiology and physiological genomics who implement existing strengths in cardiovascular and epithelial biology. The positions are part of the expansion of the department, significant new laboratory space, a substantial start up package, and a competitive salary with an additional incentive bonus will be offered.

Candidates should submit their Curriculum Vitae, a description of research interests/goals (not to exceed two pages) as a single pdf document, and arrange to have three letters of reference sent to:

Gabor Tigyi, M.D., Ph.D. Harriett Van Vleet Professor and Chair Department of Physiology E-Mail: PhysiologySearch@utmem.edu Website: http://physiol.utmem.edu

Applicants should have their applications complete by February 15, 2008, as review will begin upon receipt of the application.

The University of Tennessee is an EEO/AA Title VI/Title IX/Section 504/ADA/DEA Institution in the provision of its education and employment programs and services.
The Cancer Institute of New Jersey

**Cancer Informatics Core (CIC)**

The Cancer Institute of New Jersey (CINJ) is one of only 39 National Cancer Institute (NCI)-designated Comprehensive Cancer Centers, the only such center in New Jersey, and a leader in laboratory, clinical prevention and population science. It delivers advanced comprehensive care to adults and children. Additional information about CINJ can be found at our web site: [www.cijn.org](http://www.cijn.org).

We invite applications from talented and highly motivated candidates to join us at the Cancer Informatics Core (CIC) within the Cancer Institute of New Jersey (CINJ). You will be part of a pioneering team, building a Center of Excellence in exploiting the latest advances in Informatics and Information Technology for basic, clinical and translational research and postgraduate training. Successful applicants will be part of a team that is working in partnership with basic scientists clinicians at CINJ and their collaborators within Academia and Industry in New Jersey as they strive to eliminate the pain and suffering caused by cancer.

Candidates should have excellent communication skills and a collaborative attitude to working in a multidisciplinary environment. Attractive and competitive remuneration package is offered to all appointments. Your research focus should be in the following areas: all aspects of Computational Biology, Genetics (statistical and population), Medical Informatics (especially integration of clinical data with genomic data, imaging informatics), Systems Biology, Biostatistics, Computer/Computational science (especially in high performance computing applied to biomedical problems, deploying massive data storage and database management, computer security, code optimization etc.).

We have openings at various levels ([computer/database programmers, postdoctoral research fellows to senior investigators](http://www.cijn.org)). In addition, Senior Investigators from academia and industry wishing to spend at least a year at the CIC to establish research collaborations or a sabbatical are welcome to apply. Preference will be given to those scientists with skills or projects complementary to the needs of the CIC.

Senior post-doctoral fellows in the fields of computational biology, genetics, medical informatics, biomedical computing, physics/mathematics/biostatistics, and computer/computational science, interested in refocusing their careers are encouraged to apply. Qualified candidates will explore biomedical computing applications in a mentored, semi-independent, and team-intensive environment.

Appointments will be based on domain expertise, experience, track record and project focus.

All applicants are encouraged to contact Dr. Guna Rajagopal, Executive Director, Cancer Informatics Core via email: rajagopal@umdnj.edu providing the following information: a cover letter stating interests, accomplishments and goals and curriculum vitae. Candidates who meet the appointments criteria will be invited to make a formal application. The UMDNJ is an Affirmative Action/ Equal Opportunity Employer M/F/D/V and a member of the University Health System of New Jersey.

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**POST-DOCTORAL FELLOW**

**BIOFILM MODELLING**

The candidate has interest and training to conduct individual based modeling for microbial growth, interactions, and gene transfer dynamics, using a newly developed software platform, iDyNoMiCs. The model will be applied to study biofilm processes in parallel with an ongoing experimental effort. Funding derives from an FP7- MC Excellence grant.

For any further information please contact Professor Barth F. Smets (bfs@er.dtu.dk) or Dr. Laurent Lardon (lal@er.dtu.dk) at the Department of Environmental Engineering.

Application deadline: March 1st 2008.

Further details [www.dtu.dk/vacancy](http://www.dtu.dk/vacancy)
The Department of Integrative Biology at the University of California, Berkeley, is soliciting applications for a tenure-track position (Assistant Professor) in Plant Paleobiology and Evolution. We seek a colleague to join a department with a strong interdisciplinary emphasis who will develop a vigorous, independent research and teaching program in the area of plant paleobiology. Applicants should have a Ph.D. or equivalent advanced degree and an exceptional research record in: the evolution and ecology of past plant communities or ecosystems, the evolution of vascular plant lineages in deep time, and/or long-term plant response to environmental change using paleontological and neontological data. The position entails teaching both lower and upper level courses in plant evolution/paleobotany, with an emphasis on structure and function, phylogeny, paleoecology, and/or historical biogeography. An academic curatorialship in the UC Museum of Paleontology is associated with this appointment; the successful candidate will be encouraged to promote the use of the museums’ extensive holdings, supervise student research, work with museum staff to pursue opportunities for collection improvement and growth, and participate in UCMP and the Berkeley Natural History Museums activities and events. For more information, see: http://ib.berkeley.edu.

Application packages should include a CV with a bibliography of published work, a description of research accomplishments and objectives, a statement of teaching interests, and selected reprints. Three letters of reference should be sent separately by the recommender.

Both applications and letters of reference should be submitted electronically via: http://ib.berkeley.edu/admin/jobs/paleobiojob.php or via email to: PlantPaleobiology@berkeley.edu. Electronic submission is not possible, materials may be sent by regular mail to:

Plant-Paleobiology Search Committee
Department of Integrative Biology
3060 Valley Life Sciences Building
University of California
Berkeley, CA 94720-3140 USA

Applications and supporting letters must be received electronically or postmarked by February 29, 2008. Review of application will begin March 10, 2008. Applicants should refer their reviewers to 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.

Clinical Program Manager
HIV/AIDS Prevention, Care and Treatment

The U.S. Military HIV Research Program (USMHRP), supported by the Henry M. Jackson Foundation for the Advancement of Military Medicine, is a key contributor to the President’s Emergency Plan for AIDS Relief (PEPFAR/Emergency Plan) in Kenya, Nigeria, Tanzania, and Uganda. This internationally recognized program is seeking a dynamic physician to manage USMHRP’s clinical programs supporting the Emergency Plan. Ensure quality clinical services are supported overseas (OCONUS) by the Walter Reed Army Institute of Research (WRAIR), as well as plan, implement and monitor clinical activities supporting the prevention, care and treatment initiatives. Must have demonstrated knowledge and ability related to HIV pathogenesis and treatment (initial infection to end stage disease palliative care); HIV transmission and prevention; Medical Education program development and management experience; Program monitoring and evaluation; Budget development, management and reporting; Excellent communication skills; troubleshooting and supervisory skills. Must have a Medical (MD) degree with post medical graduate education in Internal Medicine and fellowship in Infectious Disease or related. A minimum of 2 years of managing hospital based Infectious Disease service; field or clinical research experience is desired; 3 to 5 years of international work experience is preferred. Incumbent will be located at Rockville, Maryland offices and travel to research/field as required on at least a semiannual basis, sponsored by the USMHRP to assist program personnel and liaise with on the ground U.S. government agencies. Please e-mail resumes to careers@hjf.org or fax to 240-314-7334 with Job No. 203001 in subject line. The Henry M. Jackson Foundation for the Advancement of Military Medicine offers a competitive salary and generous benefits package.

Harvard University
Associate Dean for the Sciences Division

This search seeks an implementing partner for the Dean for the Sciences of the Faculty of Arts and Sciences of Harvard University as he builds the new sciences division, improves its administrative systems, and undertakes a series of science initiatives. The division is expected to pursue objectives within existing departments and centers as well as themes that bring together scientists from across the University. This recently created position will manage administrative activities spanning eleven science departments plus several research centers.

The Associate Dean position offers a significant opportunity to build an administrative career at the University. It reports to the Dean for the Sciences with a dotted line report to the Executive Dean of the Faculty of Arts and Sciences. The search is currently scheduled to conclude in the coming winter with a starting date as soon thereafter as possible.

Inquiries, referrals, and resumes should be sent (electronic submission to 3482@imsearch.com encouraged), in confidence, with a cover letter to: Liz Vago, Internal Box 3483, Isaacsom, Miller, 334 Boylston Street, Suite 500, Boston, MA 02116.

For further information: 3482@imsearch.com and www.harvard.edu

Harvard University is an equal opportunity/affirmative action employer. Candidates from all backgrounds are encouraged to apply.

THE UNIVERSITY OF CALIFORNIA, BERKELEY
Department of Integrative Biology
Faculty Position in Plant Paleobiology and Evolution
Position ID #714

The University of New Hampshire, College of Life Sciences and Agriculture, seeks an Associate Dean for Undergraduate Studies. Reporting to the Dean, the ideal candidate will have a record of distinguished research and education achievement and a commitment to undergraduate education that warrants appointment as a tenure faculty member, demonstrated administrative skills, excellent communication and interpersonal skills, a commitment to the principles of diversity, the ability to enhance the college’s role within the University and the broader academic community, and the commitment to a college leadership team focused on academic excellence.

Applicants should submit Curriculum Vitae, 1-2 page vision statement on research and education, and names and contact information of four references to: Gale B. Carey, Search Committee Chair, 403 Kendall Hall, 129 Main Street, University of New Hampshire, Durham, NH 03824. Review of applications will begin Feb. 1, 2008 and continue until the position is filled. For more information go to: http://www.clsa.unh.edu/employment/index.html

The University is committed to excellence in its faculty and staff and strongly encourages women and minorities to apply.

AA/EEO
€250,000 for biological science using computational methods

The Royal Society and Académie des sciences Microsoft European Science Award 2008

Invitation to nominate
Closing date 25 February 2008

This prestigious international award, sponsored by Microsoft Research, is designed to recognise and reward scientists working in Europe, who have made a major contribution to the advancement of science through the use of computational methods. The 2008 award is open to any research scientist who has made a significant contribution at the intersection of the biological sciences and computing.

The award will be €250,000, of which €7,500 will constitute prize money with the rest earmarked for further research.

Full details of the award can be accessed at royalsociety.org/microsoft

Science in Africa - £65,000 available

Invitation to nominate for the Royal Society Pfizer Award 2008

Closing date 25 February 2008

The award is open to any research scientist, based in Africa, who is making an innovative contribution to the biological sciences, which contributes significantly to capacity building.

The award will give up to £60,000 to carry out a research project and £5,000 as a prize for the recipient.

Full details of the award can be accessed at royalsociety.org/pfizer

Associate Editor

Nature Publishing Group, the publisher of Nature, is pleased to announce the launch of Nature Geoscience. This international monthly journal will launch in January 2008 providing in-depth coverage of the Earth Sciences. In December 2007, Nature Geoscience has started publishing research related to the understanding of the Earth as a system, including relevant investigations of the solid Earth, hydrosphere, atmosphere, cryosphere and climate, as well as the planets of the solar system.

We seek an Associate Editor to establish Nature Geoscience as the essential publication for the Earth Science community.

The ideal candidate will have (or expect shortly to receive) a Ph.D. or equivalent degree in one of the disciplines of the geosciences. Postdoctoral experience is preferred (but not required), but emphasis will be placed on broadly trained applicants. The successful candidate will play an important role in determining the representation of their field in the journal. Key elements of the position include the selection of manuscripts for publication, as well as commissioning, editing and writing for the journal. Close contact with related research communities, through conferences and laboratory visits, will be an essential component of this position.

This is a demanding and intellectually stimulating role, which calls for a keen interest in the practice and communication of science. The successful candidate will therefore be highly motivated and outgoing, and must possess excellent interpersonal skills. The salary and benefits are competitive, reflecting the critical importance and responsibilities of this position, based in our London or Boston offices.

Applicants should send a CV (including a brief account of their research and other relevant experience), a research highlight in Nature Geoscience style (200 words or less) on a recent relevant Nature paper, and a brief cover letter explaining their interest in the post and their salary expectations.

Applications should be sent to Denise Pitter, Personnel Assistant at londonrecruitment@macmillan.co.uk

Incomplete applications will not be considered.

Closing date: 18th January 2008.
The Max Planck Institute for Demographic Research (MPIDR) is among the internationally most renowned centers in the population studies. The MPIDR consists of a number of research laboratories (Survival and Longevity, Evolutionary Biodemography, Economic and Social Demography, Historical Demography, Contemporary European Fertility and Family Dynamics, Demographic Data, Statistical Demography, Mathematical Demography, Population and Policy) and research units (Independent Research Group: The Culture of Reproduction, Rostock Center for the Study of Demographic Change). The Institute is committed to PhD education and runs three doctoral schools (IMPRS, EDSSD, and IMPRSLong). Recently, more than 130 researchers and non-scientific staff are working at MPIDR. Each year about 80 guest researchers are visiting the Institute. The Institute is situated in Rostock, Germany, near the Baltic Sea. For more information see www.demogr.mpg.de.

The MPIDR recently seeks to recruit 6 to 8 Research Scientists and Post Docs to conduct research for the Laboratory of Economic and Social Demography (Director: Prof. Dr. Joshua R. Goldstein) and to help developing the laboratory’s research agenda and international collaboration. The newly-formed Laboratory of Economic and Social Demography will focus on (1) the transformation of the human life circle brought about by increases in longevity, (2) the causes and consequences of low fertility, and (3) partnership dynamics and family formation.

In addition to sociologists and demographers, economists working on life cycle models, opportunity costs of childbearing, and the consequences of population aging are particularly encouraged to apply.

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

For further particulars and application details, please see www.demogr.mpg.de/go/appl-ecodem.

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

**Max-Planck-Institut für demografische Forschung**

Max Planck Institute for Demographic Research

The University of Illinois at Chicago College of Medicine, and the UIC Cancer Center are recruiting a tenure track Clinician-Scientist with an active basic or translational research program in liver cancer. Faculty rank, Assistant to Professor of Medicine, and tenure will be commensurate with qualifications. Successful faculty candidates will be expected to maintain a vigorous independent research program as evidenced by extramural funding and consistent scholarly publications, and to interface with basic scientists and clinicians in the Walter Payton Liver Center. Must be an MD or MD/PhD with Board certification in medical oncology, and possess a current (or be eligible for) IL physician license. Individuals will have a primary appointment in the Cancer Center. Generous modern laboratory space and start up funds available.

For fullest consideration, please send (electronic files): a CV, a brief statement of research interests and plans and a list of 3 references by February 29th, 2008 to: Carl Reason (creason3@uic.edu), Director, Administrative Operations, Hepatology, MC 787, 840 S. Wood Street, 173 CSN, Chicago, IL 60612.

**University Lecturer: Atmospheric Chemistry**

Department of Chemistry

£33,779 - £42,791 pa

The Department of Chemistry wishes to appoint a University Lecturer in atmospheric chemistry to take up appointment as soon as possible. Candidates should have a strong research background in any branch of experimental atmospheric chemistry and must be able to teach at undergraduate level across a wide range of topics. The successful candidate will complement a strong research effort, covering numerical modelling and atmospheric and laboratory data collection/analysis, in the groups of Professors John Pyle and Rod Jones. Appointment will be for an initial probationary period of five years, with reappointment to the retiring age subject to satisfactory performance.

Information about the Department is available from the Chemistry Department's website (http://www.ch.cam.ac.uk). Prospective candidates may make informal enquiries to Professor Pyle (john.pyle@atm.ch.cam.ac.uk) or Professor Jones (rlj1001@cam.ac.uk).

Applications can be electronic or single-sided hard copy, and should include a CV, publications list, contact details for three professional referees, and a statement (up to eight pages) covering your research experience to date and research plans for the future.

This should be accompanied by a completed form PD18, Parts I and III (downloadable from http://www.admin.cam.ac.uk/offices/personnel/forms/pd18/), and should be sent to Dr H R N Jones, Academic Secretary, Department of Chemistry, Lensfield Road, Cambridge CB2 1EW (email: hrn1@cam.ac.uk).


The University is committed to Equality of Opportunity.

**www.cam.ac.uk/jobs/**

A world of opportunities

**University of Cambridge**

**Case Western Reserve University**

School of Medicine

**Faculty Positions**

Department of Pharmacology

Applications are invited from dynamic scientists for several faculty positions in the growing Department of Pharmacology at the Case Western Reserve University School of Medicine. Faculty rank from Assistant to Full Professor is open, dependent on current level of achievement.

The Department has a great tradition of excellence in molecular pharmacology with strong, growing programs in cell regulation and signaling, membrane structural biology, cancer cell biology, and a growing emphasis on translational pharmacology. The goal of the search is to complement existing strengths in the Department and/or the School of Medicine. The best candidates in any area relevant to modern pharmacology will be competitive. Visit our website at http://pharmacology.case.edu/.

Applicants should submit a cover letter, full Curriculum Vitae with publications and grant support, and a list of professional references. In addition, all applications should include descriptions of the candidate’s research interests and goals, and teaching, mentoring, and professional service experiences.

Applications should be transmitted by e-mail to Camala Thompson (cami@case.edu), with a c.c. to Amy Wilson-Delfosse, Ph.D., Associate Professor of Pharmacology (aww41@case.edu).

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity.

**www.cam.ac.uk/jobs/**

A world of opportunities

**University of Cambridge**

**University Lecturer: Atmospheric Chemistry**

Department of Chemistry

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A world of opportunities

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Department of Chemistry

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The University is committed to Equality of Opportunity.
The 21st International Mammalian Genome Conference (IMGC2007) was held in the historical city of Kyoto, Japan. This conference took place in Japan for the third time. 354 scientists from 21 countries attended this successful conference. More than 60 oral presentations were given by plenary and selected speakers and 195 posters were presented all through the conference.

Lively discussions between participants from the academic as well as the the institutional and the industrial sector took place during sessions on topics like mutagenesis and the transcriptome world. Presentation abstracts will be uploaded on the websites of IMGC 2007 and IMGs in due course.

**Special sessions at the conference were**

**Verne Chapman Memorial Lecture**
/ Hiroaki Kitano (The Systems Biology Institute)

**Mutagenesis Session**

**The RIKEN Symposium on the Transcriptome World**
/ Thomas Gingeras (Affymetrix), Yoshihide Hayashizaki (GSC, RIKEN)

**Journal Editors Panel Discussion**

**Verne Chapman Memorial Lecture**

Prof. Hiroaki Kitano from The Systems Biology Institute gave a talk about his latest research focusing on system biology. He has contributed greatly to the field of systems biology in playing a major role in the creation and development of the Systems Biology Markup Language (SBML) as well as the Cell Designer software.

**Mutagenesis Session**

The audience obtained practical and useful information on available research resources such as genetic databases and various kinds of sample mice for experiments in this session.

**The RIKEN Symposium on the Transcriptome World**

Thomas Gingeras (Affymetrix) gave a talk in this session that was chaired by this year’s organizer Dr. Yoshihide Hayashizaki (GSC, RIKEN). Functional non-coding RNA, and its role in cancer and possible ways of commercializing novel findings was discussed. Furthermore, Dr. Yoshihide Hayashizaki (GSC, RIKEN) discussed about the RNA impact on the central dogma.

**Journal Editors Panel Discussion**

A new event at this year’s IMGC was a panel discussion with the editors from 10 distinguished scientific journals.

This conference was made possible with the support from RIKEN, and the following ICs at NIH: NHGRI, NIMH, NICHD, NIAD, NEHS, NINDS, and the International Mammalian Genome Society.
Chair, Department of Genetics
Stanford University
School of Medicine

The Stanford University School of Medicine is initiating a search for the position of Professor and Chair for the Department of Genetics.

The Stanford University School of Medicine is situated adjacent to the School of Humanities and Sciences, the School of Engineering, and two internationally renowned adult and pediatric hospitals (Stanford Hospital and Clinics and Lucile Packard Children’s Hospital), fostering a highly integrated approach to interdisciplinary science that is the hallmark of Stanford University. The School of Medicine is seeking an accomplished scientist in the fields of genetics, genomics, or both, with the creative vision to lead and shape the future of a distinguished and innovative Department of Genetics.

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

Interested candidates should submit a CV and letter of interest to the search committee by February 29, 2008 to:
Lucy Shapiro, PhD, Chair
Committee to Search for a Chair of the Department of Genetics
c/o Kendra Baldwin
Office of Institutional Planning
Stanford University School of Medicine
Building 110, Room 1
555 Middlefield Road
Menlo Park, CA 94025

or by email to: kendra2@stanford.edu

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The University of Central Florida (UCF) seeks outstanding individuals for positions at the Assistant, Associate, or Full Professor level to join the new UCF College of Medicine (COM) at Lake Nona in Orlando. The new Lake Nona campus will also house the MD Anderson Cancer Center, the VA hospital, and the Burnham Institute for Medical Sciences. Faculty will help develop and teach an integrated organ-based curriculum and participate in basic science and/or medical education research.

Successful candidates must hold a Ph.D. or M.D. Preference will be given to applicants with a proven record of exceptional accomplishments in biomedical research and education and funding at the national level. The COM seeks candidates who have a passion for teaching cell biology, histology, genetics, physiology, anatomy, pharmacology, or microbiology.

Candidates will have opportunities to collaborate with NIH/NSF funded faculty of the Burnett School of Biomedical Sciences in the areas of neurodegenerative disease, heart disease, infectious disease, cancer, and biotechnology. Additional opportunities for collaboration exist with other UCF colleges and the UCF NanoScience Technology Center. Salary and start-up funds are competitive. Orlando offers affordable housing and excellent schools.

Interested persons should submit a CV, a brief statement of research interests and teaching philosophy, and three references to: Nancy Knobbs, University of Central Florida, College of Medicine, P.O. Box 160116, Orlando, Florida 32816-0116. Email: nknobbs@mail.ucf.edu. Review of applications will begin February 15, 2008.

UCF is an Equal Opportunity/Affirmative Action Employer and encourages applications from minorities, women, and other underrepresented groups.

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**ANNOUNCEMENTS**

**CALL FOR PAPERS**

Presented by...

University of Massachusetts at Amherst

**Soils, Sediments and Water**

October 20-23, 2008

**General Topics**

- bioremediation • chemical analysis • cleanup
- standard setting • environmental fate and modeling • hazard exposure and risk assessment • heavy metals • hydrocarbon identification • innovative technologies • jet fuel contamination • regulatory programs and policies • sediments • site assessment /field sampling • soil chemistry • standard remedial technologies/corrective actions • case studies on any of the above

**Special Topics**

- acid mine drainage • arsenic • bioremediation • biotechnology • chlorinated hydrocarbons, pesticides (PCBs, etc.) • contamination at military installations • diatom • ecological risk assessments • environmental forensics • EPCs • mercury • MTBE • phytoremediation • radionuclides • railroad sites • risk based cleanups (RBCA) • state regulatory programs

**Check Our Website for more info**

www.UMassSoils.com

For further Information and abstract submission please contact
Denise Leonard
Dept of Environmental Health Sciences
NH44 Morrill, University of Massachusetts
Amherst, MA 01003
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**Submissions Deadline:** FEBRUARY 12, 2008

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From the journal Science

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From the journal Science
The 2007 Liliane Bettencourt Life Sciences Award has been awarded to the young outstanding French scientist Olivier Voinnet from the Institut de Biologie Moléculaire des Plantes (CNRS) in Strasbourg, France.

A major scientific goal of Olivier Voinnet is to understand the mechanisms and roles of RNA silencing in eukaryotes, which is a newly discovered, sequence-specific gene regulation process with basic developmental and defensive functions. By developing powerful genetic tools, Olivier Voinnet and his team have proven that RNA silencing acts as a general antiviral system in plants and animals. His most important contribution is perhaps the demonstration that suppression of gene silencing is a general strategy used by diverse viruses to counteract RNA silencing: he has shown that viruses encode proteins that inhibit silencing, uncovering yet another example of the never ending molecular arms race opposing parasites and their hosts. Olivier Voinnet also has very strong interests in elucidating the mode of action of micro (mi)RNAs, which, in addition to their fundamental role in plant and animal development, are now appreciated as key molecules protecting mammalian cells against cancer.

The Liliane Bettencourt Life Sciences Award of € 250,000 is an essential part of the Bettencourt Schueller Foundation’s commitment to Medical Research. It aims to support a top-level European researcher under the age of 45, along with his or her team, to pursue their work in the field of Biology or Medicine. The Jury for the Award is chaired by Pierre Corvol, Administrator of the Collège de France and member of the French Academy of Sciences.

The Bettencourt Schueller Foundation was created in 1987 by Mrs. Liliane Bettencourt, in memory of her father, the late Eugène Schueller, founder of L’Oréal. Its mission is to encourage entrepreneurship in Sciences, Arts and Social commitment. In 2006, the Foundation has provided more than 60% of its budget in support of Medical Research programs.
The Cell and Molecular Biology (CMB) Program at Grand Valley State University (Michigan) is seeking candidates with experience in biotechnology and molecular biology for a TENURE-TRACK POSITION to begin in the fall 2008. Experience in bioinformatics, statistical analysis, and/or experimental approaches is required. Ph.D. in molecular biology or related field and excellent communication skills are required. The successful candidate will be expected to maintain active scholarship; research involving undergraduate and graduate students. Grand Valley State University is an ADA/ADEA Institution in the provision of its educational programs and services. Women and minority candidates are especially encouraged to apply. Please send curriculum vitae, a research statement, names of three references, and a statement of research interests to: Dr. Dwight E. Evans, M.D., Ph.D., Director of Neuropsychiatry; 117 N. Woodward Avenue, P.O. Box 3064320, Tallahassee, FL 32306-4320. Telephone: 850-644-6700; fax: 850-644-2851. Submit inquiries and applications to: Professor J. P. D. Licht, M.D. Feinberg School of Medicine, Northwestern University, 303 East Chicago Avenue, Chicago, IL 60611. E-mail: hemonc@northwestern.edu. The Feinberg School of Medicine is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. Applicant screening will continue until the position is filled.

FEINBERG SCHOOL OF MEDICINE

Department of Medicine
Division of Hematology/Oncology

The Division of Hematology/Oncology of Northwestern University’s Feinberg School of Medicine in Chicago is seeking accomplished investigators for full-time, tenure-track positions in basic or translational research. The Division consists of a faculty of over 35 and has an active, competitive research program which is supported by Federal and other extramural funding. The Division has strong research programs in drug discovery, genomics, signal transduction, angiogenesis, apoptosis, and cell signaling. The Division has a highly skilled and motivated staff and is located in the new state-of-the-art Skokie Medical Research Building.

TWO FACULTY POSITIONS

BIOLOGICAL OCEANOGRAPHER

Florida State University

Department of Oceanography

The Department of Oceanography is seeking to fill a tenure-track faculty position in biological oceanography. The Department is looking for excellent candidates who are expected to become leaders in their respective fields. The Department actively collaborates with other departments in molecular biology at UT-Austin, and this position would be located at the UT-Austin Marine Science Building in Port Aransas, TX. The successful candidate will be expected to maintain active scholarship; research involving undergraduate and graduate students. Florida State University is an ADA/ADEA Institution in the provision of its educational programs and services. Women and minority candidates are especially encouraged to apply. Please send curriculum vitae, a research statement, names of three references, and a letter of recommendation to: Dr. Mark Staves, Department of Oceanography, Florida State University, 117 N. Woodward Avenue, P.O. Box 3064320, Tallahassee, FL 32306-4320. Telephone: 850-644-6700; fax: 850-644-2851. Submit inquiries and applications to: Professor J. P. D. Licht, M.D. Feinberg School of Medicine, Northwestern University, 303 East Chicago Avenue, Chicago, IL 60611. E-mail: hemonc@northwestern.edu. The Feinberg School of Medicine is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. Applicant screening will continue until the position is filled.

Dear Sir or Madam:

The University of Pennsylvania is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are strongly encouraged to apply.

The Pennsylvania State University, University Park, PA 16802. E-mail: philip.stevenson@psu.edu.

The University of Pennsylvania, School of Arts and Sciences, 423 Guardian Drive, Philadelphia, PA 19104-6021; e-mail: plotnick@mail.med.upenn.edu. The University of Pennsylvania is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are strongly encouraged to apply.

The University of Wisconsin is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are strongly encouraged to apply.

The U.S. Department of Agriculture, Agricultural Research Service (ARS), Vegetable Crops Research Unit, located on the University of Wisconsin campus in Madison, Wisconsin, is accepting applications for a permanent, full-time position. Interdisciplinary: RESEARCH PLANT MOLECULAR BIOLGY/RESEARCH GENETICIST PLANTS, GS-12/13 to lead research on a project developing tools for evaluating and improving cucumber germplasm, identifying traits useful for cucumber breeders, determining their inheritance, developing enhanced germplasm for use by geneticists and breeders, and broadening the molecular knowledge base of cucumbers. This position presents rich opportunities to work in an interdisciplinary environment and to collaborate with faculty, staff, and industry. Salary is commensurate with experience ($63,417 to $98,041 per annum), plus benefits. Candidates must be U.S. citizens. Applications must be postmarked by the closing date of January 13, 2008. For information on the Research Program contact: http://www.ars.usda.gov. Applications should be submitted electronically by filling out the on-line application at http://www.ars.usda.gov. Candidates must have a Ph.D. in molecular biology or related field and demonstrate the ability to collaborate across disciplines.

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Cold Spring Harbor Laboratory
Epithelial-Mesenchymal Transition
March 17 - 20, 2008  abstracts due January 25

Organized by:
Senthil Muthuswamy, John Haley, Raghu Kalluri

Topics:
Biology of EMT in development, inflammation and fibrosis
Extracellular signaling and cell biology of EMT
Intracellular regulators of EMT
EMT models and stem cells
Pathobiology of EMT in cancer progression

Keynotes:
Mina Bissell, Robert Weinberg

Other 2008 Meetings
• PTEN Pathways & Targets
• Neuronal Circuits: From Structure to Function
• Systems Biology: Global Regulation of Gene Expression
• Heterosis
• Gene Expression and Signalling in the Immune System
• Molecular Chaperones & Stress Responses
• The Biology of Genomes
• The Cell Cycle
• Retroviruses
• 73rd Symposium: Control & Regulation of Stem Cells
• Glia in Health & Disease
• Mechanisms & Models of Cancer
• Molecular Genetics of Bacteria & Phages
• Nuclear Receptors: Bench to Bedside
• Translational Control
• Axon Guidance, Synaptogenesis & Neural Plasticity
• Dynamic Organization of Nuclear Function
• Molecular Genetics of Aging
• Germ Cells
• Mouse Genetics & Genomics: Development & Disease
• Pharmacogenomics
• Neurodegenerative Diseases: Biology & Therapeutics
• Engineering Principles in Biological Systems

2008 Courses
• Protein Purification & Characterization
• Cell & Developmental Biology of Xenopus
• Workshop on Schizophrenia & Related Disorders
• Advanced Bacterial Genetics
• Ion Channel Physiology
• Molecular Embryology of the Mouse
• Integrative Statistical Analysis of Genome Scale Data
• Proteomics
• Computational Neuroscience: Vision
• Advanced Techniques in Molecular Neuroscience
• Computational Cell Biology
• Molecular Techniques in Plant Science
• Neurobiology of Drosophila
• Revolutionary Sequencing Technologies & Applications
• Genetics of Complex Human Diseases
• Workshop on Biology of Social Cognition
• Eukaryotic Gene Expression
• Communicating Biomedical Science
• Imaging Structure & Function in the Nervous System
• Yeast Genetics & Genomics
• Mechanisms of Neural Differentiation & Brain Tumors
• Stem Cell Technologies
• C. elegans
• X-Ray Methods in Structural Biology
• Programming for Biology
• Immunocytochemistry, In Situ Hybridization & Live Cell Imaging
• Computational & Comparative Genomics
• Phage Display of Proteins & Peptides
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POSTDOCTORAL POSITIONS in molecular endocrinology and cancer therapeutics. Seeking recent Ph.D. graduates for funded openings on two projects: (1) growth hormone action and JAK-STAT, using Chromatin Immunoprecipitation/microarray technologies combined with computational analysis and traditional molecular approaches to elucidate sex-dimorphic liver gene expression (Molecular Endocrinology 20:2613-29, 2006); (2) cytochrome P450 drug-metabolizing therapy for cancer (Molcular Cancer Therapeutics 5:541-5, 2006; 6:2879-90, 2007). Expertise in cell and molecular biology, genomics and computational biology, gene therapy and/or pharmacology, and animal models highly desirable. Flexible start date. Send curriculum vitae, summary of research experience and interests, and three references to: Dr. David J. Waxman, Department of Biology, Boston University, 5 Cummings Street, Boston, MA 02215. E-mail: dwaxman@bu.edu.

RESEARCH ASSOCIATE (ASSISTANT PROFESSOR) The University of Chicago, the Ben May Institute for Cancer Research is seeking a full-time Research Associate (Assistant Professor) to examine the structural interactions and biological functions of cellular signaling molecules involved in growth control using a range of molecular, cellular, genetic, and/or biochemical approaches. Applicants should have Ph.D. degree, and at least five years of research experience in signal transduction. Qualified applicants should provide current curriculum vitae, a statement of research interest and goals, along with full names, addresses, telephone/fax numbers, and e-mail addresses of at least three scholars who can provide academic references. Applications will be accepted until the position is filled. Send your letter of interest to: Azisti Dombrowski, Executive Administrator, The University of Chicago, The Ben May Institute for Cancer Research, 929 E. 57th Street, CIS, W-421B Chicago, IL 60637.

INSTRUCTOR OF MEDICINE POSITION School of Medicine Department of Division of Cardiovascular Disease The University of Alabama at Birmingham, Division of Cardiovascular Disease is seeking applicants with a Ph.D. or M.D. for the position of Instructor. This is a non tenure-earning faculty position. Candidates must be capable of independently designing and conducting experiments, analyzing and interpreting data, and assisting with manuscript preparation and submitting data for publication. It is expected that the successful candidate will be able to secure independent, extramural funding to support ongoing research. Individuals interested in this position should have experience in small animal surgery and be able to work in both in vitro and in vivo. Interested candidates should send curriculum vitae, three letters of reference, and a brief statement of your interest to: Robert C. Bourge, M.D., Director, 1900 University Boulevard, University of Alabama at Birmingham Station, Birmingham, AL 35294. UAB is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH FELLOW in ATMOSPHERIC SCIENCES The Environmental Sciences Division at the University of Illinois at Urbana-Champaign is seeking a Postdoctoral Researcher to conduct innovative research examining the biophysical implications of large-scale biofuel production as part of an interdisciplinary research program. The specific duties include the integration of an existing biogeochemical cycle model with an agriculture crop model to explore our understanding of how biogeochemical systems interact with land cover and land use and agriculture crops. This research will also investigate the implications of large-scale production of biofuels in the United States and other countries for agricultural land use, soil carbon sequestration, and greenhouse gas emissions. A Ph.D. in atmospheric sciences or another related field in the sciences or engineering is required. The applicant should have working experience with high-speed, super fast computers, numerical simulation models and ability to analyze satellite data for land use changes and dynamics of the agro-ecosystems. Key factors in our hiring decision will be intelligence, thoughtfulness, creativity, motivation, productivity, and a record of successful scientific publication. Applicants should send the following materials by e-mail to Prof. Atul Jain (e-mail: jaini@uiuc.edu): (1) curriculum vitae, (2) a letter describing research interests and experience, and (3) names and contact information for three references. Review of completed applications will begin January 15, 2008, and continue until position is filled.