how listening can give you more energy.

Scientists calculate that, to date, we’ve used about one quarter of the world’s recoverable oil resources. One way our explorers look for the remainder is an amazing technology we invented called R3M — where we put highly sensitive devices on the ocean floor and listen to how the earth responds to electromagnetic fields. Using R3M, we can “hear” previously undetectable energy reserves, which means fewer wells are drilled. It’s just one more way we’re working to meet the world’s energy needs while reducing environmental impact.

The story continues at exxonmobil.com
CHIEF EXECUTIVE OFFICER
WELLCOME TRUST/DBT INDIA ALLIANCE

The Department of Biotechnology, Ministry of Science & Technology, Government of India and the Wellcome Trust, London, UK are launching a new partnership to fund biomedical research in India. Operated as an independent, public charitable trust, based in New Delhi, the goal of the new alliance will be to deliver a programme of research fellowship schemes aimed at supporting current and future leaders of Indian biomedical science.

Applicants and nominations are invited for the post of Chief Executive Officer from Indian citizens and non-resident Indians (NRIs), who should be biomedical scientists with an outstanding record of success and achievement along with excellent leadership and managerial qualities.

The post offers the chance to set up, and then lead, an exciting new grant funding programme that will have an annual expenditure of up to £16 million.

The candidate should possess:

• an in-depth understanding of the Indian research environment
• demonstrated leadership and motivational skills
• effective ambassadorial and influencing skills
• credibility with senior stakeholders in other organisations
• a strong command of the English language.

The appointment will be on contract basis for a period of five years, which will be extendable for a further term. Salary will be competitive and commensurate with experience and skills.

Applications must include a curriculum vitae including telephone, fax and email address, present position and salary (with total emoluments), and a 500-word summary of the candidate’s view of the state of biomedical science in India, and should be submitted to:

Dr S Natesh
Senior Advisor (Scientist-H) and Head, International Collaboration
Department of Biotechnology
Ministry of Science & Technology
Block-2, CGO Complex
Lodhi Road, New Delhi - 110 003

Mark the envelope: “Application for the post of CEO, WT/DBT India Alliance”, and send to arrive by 29 August 2008. Interviews will be held in New Delhi in September 2008. Or electronic applications can be made to: wtdbt@wellcome.ac.uk
The National Institute on Deafness and Other Communication Disorders (NIDCD) is seeking exceptional candidates for the position of Director, Division of Intramural Research (DIR). The incumbent serves as the principal advisor to the NIDCD Director on biomedical and scientific affairs involving the intramural research programs conducted by basic and clinical research investigators in the field of deafness and other communication disorders. This position offers a unique and exciting opportunity for an extremely capable individual to evaluate research efforts and establish program priorities; direct training of pre- and post doctoral fellows; collaborate with other NIH programs; and advise the NIDCD Director and senior staff of the DIR in areas of science of interest to the Institute. The Division of Intramural Research has a staff of approximately 180 employees and a current annual budget of $35 million dollars. In addition to the managerial/administrative responsibilities outlined above, the Scientific Director is expected to carry out his/her own research program. Resources commensurate with the proposed program will be provided. The NIDCD seeks candidates who have a commitment to scientific excellence and the energy, enthusiasm, and innovative thinking necessary to lead and direct the DIR’s research efforts at the forefront of science.

Applications will be reviewed starting October 6, 2008 and will be accepted until the position is filled.

The Division of Cancer Treatment and Diagnosis (DCTD) is seeking a scientist who can provide expert advice and assistance to the Division Director through management of division level scientific initiatives and projects including drug development and clinical trials. The position is located in the Office of the Director, Division of Cancer Treatment and Diagnosis (DCTD), National Cancer Institute (NCI). DCTD is the component of the NCI that is responsible for coordination of a national program for the treatment and diagnosis of Cancer. Recent emphasis within DCTD is on merging the efforts of the intramural and extramural research communities, particularly with regard to drug and diagnostics development and clinical trials. The successful candidate will provide expert advice and assistance to the Director, DCTD, in carrying out these efforts through the management of ongoing and new Division level initiatives, including the implementation of the Clinical Trials Working Group (CTWG) and the Translational Research working Group (TRWG) Reports. More specifically, the candidate will serve as a senior advisor to the Director, DCTD, on a broad spectrum of organizational, managerial, scientific, and programmatic projects and initiatives spanning the whole of the DCTD. The Office of the Director is charged with planning, directing, and coordinating the Division’s short and long range research activities in the diagnosis and treatment of cancer supported by grants, contracts, and cooperative agreements with universities, private industry, and other federal agencies. The work involves participating with the Director, DCTD, and senior staff in long range strategic planning and implementation of NCI’s efforts to reduce the burden of cancer. The successful candidate will be working closely with NCI leadership and other senior institute staff to develop overall program direction, strategic planning and identifying opportunities and gaps in research and clinical efforts. The objectives of these activities are to discover and develop more effective treatments and more accurate diagnostic approaches for the spectrum of human cancers and maintaining control of cancer in patients not cured. The candidate will be responsible for providing scientific expertise in planning efforts to enhance and enable collaborations established to increase efforts to merge the intramural and extramural research communities, and research activities across NCI Divisions.

Candidates must meet all of the following requirements: Ph.D. or an equivalent degree, United States citizenship To apply for this position, please visit: http://jobssearch.usajobs.opm.gov and keyword search for Vacancy Announcement (VA), NCI-08-280041-DE (outside government) or NCI-08-280041-MP (internal government) for all the mandatory application requirements. For questions about applying to the VA, please contact Mary Lou Weathers, Human Resources Specialist on (301) 402-5059 or weatherm@mail.nih.gov. Salary will be commensurate with training and experience. For more information about the position, please contact Mary Lou Weathers at 301-402-5059.

APPLICATIONS MUST BE RECEIVED BY SEPTEMBER 16, 2008
The Staudt laboratory of the Metabolism Branch, Center for Cancer Research, National Cancer Institute seeks applications for post-doctoral fellowships focusing on the pathogenesis and therapeutic targeting of lymphoid malignancies. A recurrent theme is that transcription factors and signaling proteins that regulate normal lymphocyte differentiation and function are co-opted by the lymphoid malignancies (Staudt et al., Adv Immunol 2005 87:163). The laboratory uses a variety of high-throughput techniques to uncover and elucidate key genetic events in the development of lymphomas and multiple myeloma, including gene expression profiling, array-based comparative genomic hybridization, genome-wide chromatin immunoprecipitation analysis, and next-generation gene resequencing with Solexa technology (e.g. Lenz et al. Science 2008). In a complementary approach, the laboratory uses RNA interference libraries to conduct “Achilles heel” screen for genes that are required for the proliferation and survival of cancer cells (Ngo et al. Nature 2006 441:106; Shaffer et al. Nature 2008, in press). The highly collaborative group of 16 researchers in the Staudt laboratory additionally benefit from participation in an international research consortium known as the Lymphoma/Leukemia Molecular Profiling Project. The successful candidate will have an M.D. and/or Ph.D. degree with a strong publication record in molecular biology, immunology or oncology and less than 5 years of post-doctoral experience. United States citizenship is not required but proficiency in English is essential. Please submit curriculum vitae and 3 letters of reference to:
Louis M. Staudt, M.D., Ph.D., Deputy Chief, Metabolism Branch, CCR, NCI, Bldg. 10, Rm. 4N114, NIH, 9000 Rockville Pike, Bethesda, MD 20892.
CHEMIST
U.S. ARMY RESEARCH OFFICE
RESEARCH TRIANGLE PARK, N.C.

Applications are being solicited for Chemist, DB-1320-03 (equivalent to the GS-12/13 grade level), $67,416-$104,223 per annum, or a Chemist, DB-1320-04 (equivalent to the GS-14/15 grade level), $94,733-$144,868 per annum. Salary within the ranges above includes a locality adjustment and depends upon individual qualifications and salary history. The position is located at the U.S. Army Research Office, Research Triangle Park, N.C. The incumbent creates, directs, and manages a leading extramural basic research program (experimental and theoretical) in physical chemistry. Duties include initiating new research projects in response to Army needs, stimulating proposals to respond to those needs, analyzing and evaluating proposals, communicating with grantee and contractors, reviewing and analyzing research reports and insuring their effective distribution, stimulating technology transfer to both Army and civilian users, evaluating grantee and contractor performance, disseminating program policies and research results, and maintaining awareness of Army in-house R&D programs. Duties also include developing and giving briefings and presentations that projects, objectives, progress, accomplishments and opportunity areas to Army leadership and the scientific community, initiating and carrying out workshops, conferences, and symposia on forefront research issues, and serving as the principal Army advocate and representative for basic research activities and needs in physical chemistry. In order to maintain scientific acumen, the incumbent may perform research at a local university for up to one day per week. Travel up to 25% of the time may be required. Applicants must show successful completion of a full 4 year course of study leading to a degree in chemistry or a combination of education (courses equivalent to a major in chemistry totaling 24 semester hours) and experience equal to a GS-12/13 level position in the Federal government. An advanced degree at the PhD level preferred. Experience must have been in or related to the work of the position and have equipped the applicant with the knowledge, skills, and abilities to successfully perform the duties of the position.

Applicants must be U.S. citizens, be able to obtain a secret clearance, and comply with provisions of the Ethics in Government Act. Interested individuals must apply electronically following instructions at www.usajobs.opm.gov or at www.cpl.us.army.mil. Vacancy Announcement NEAC08877269 and NEAC08877260D for DB04 and NEAC08878745 and NEAC08878745D for DB03.

Closing date for this position will be September 4, 2008. If you have questions contact Mrs. Paula Valdez, 301-394-2109 or Mrs. Sally Shope, 919-549-4296.

FACULTY POSITIONS
DEPARTMENT OF PHYSICS
THE UNIVERSITY OF TEXAS AT AUSTIN

The Department of Physics at The University of Texas at Austin is seeking candidates for tenure-track assistant professorship positions in physics starting in September 2009. In special cases, appointments at more senior levels will be considered. Successful candidates will assume full teaching responsibilities for undergraduate and graduate courses in the Department of Physics and are also expected to conduct vigorous research programs. Research areas of current highest priority for the Department are Biophysics Experiment and Fundamental Theory/Cosmology. Outstanding candidates in other areas of departmental focus will also be considered. Excellent English language communication skills are required. Applicants must have a Ph.D. (or equivalent) and a demonstrated potential for excellence in teaching and research.

Interested applicants should send a curriculum vitae, a list of publications, a statement of research interests, a research plan, and should arrange for at least five letters of recommendation to be sent to: Prof. John T. Markert, Chair, Department of Physics, The University of Texas at Austin, 1 University Station C1600, Austin, TX 78712-0264. Review of completed applications will begin in October, 2008.

The University of Texas at Austin is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS FOR PHYSICIST-SCIENTISTS IN TRANSLATIONAL ONCOLOGY

The Human Oncology and Pathogenesis Program (HOPP) at Memorial Sloan-Kettering Cancer Center (MSKCC) seeks applications for tenure-track faculty appointments at the level of Assistant, Associate, or Full Member. HOPP is assembling outstanding physician-scientists across clinical disciplines in a single program to foster translational oncology research at the laboratory clinical interface in an environment that encourages collaborative team science. Current research by HOPP faculty encompasses oncogenic studies of various cancers, analysis of aberrant signal transduction pathways, preclinical evaluation of molecularly targeted agents and mechanisms of drug resistance. Successful candidates must demonstrate the ability to develop an independent research program as well as an interest in translational oncology. HOPP faculty will be based at MSKCC, but may be appointed in the newly established Gerstner Sloan-Kettering Graduate School of Biomedical Sciences as well as at the Weill Medical School and Graduate School of Medical Sciences at Cornell University.

MSKCC offers a unique and vibrant research environment with programs in Immunology, Pharmacology, Chemistry, Molecular Biology, Computational Biology, Genetics, Cell Biology, Developmental Biology, Cellular Biochemistry, and Structural Biology and close links with the Rockefeller and Cornell communities. The presence of world-renowned clinical programs in cancer research, treatment, and prevention offers unique opportunities for creative collaboration. Applicants must have an M.D., Ph.D., or combined M.D.-Ph.D. degree in an appropriate field of study. The successful candidate will have a national/international reputation as a distinguished scientist with an outstanding record of research accomplishments; proven track record of directing a research enterprise; outstanding communication skills as evidenced by an ability to mentor junior faculty, scientists, residents, and students. The candidate must be a critical and strategic thinker and a visionary leader who can develop and enhance the research enterprise; and one who can demonstrate expertise in crafting interdisciplinary proposals and negotiating multi-faceted awards. One or more currently funded NIH grant(s) and experience in translational research is highly desirable. Given the excellent research infrastructure in neurobiology at UTHSCSA, research experience in pain medicine would be a plus.

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

All faculty appointments are designated as security sensitive positions. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer.
Facility Positions in the Division of Molecular Cardiology
Department of Medicine

Several tenure-track, State of Texas funded positions at the Assistant and Associate Professor levels are available. Focus of the Division is Cardiovascular, with emphasis on cardiac hypertrophy, remodeling and heart failure. Funded candidates will have a molecular approach that interfaces with translational initiatives are encouraged to apply. Competitive startup packages, incentives and lab space are available. Core facilities include microarray, imaging (confocal and atomic force), proteomics, cell sorting and analysis, and laser capture microdissection. The Division, which is part of the Texas A&M College of Medicine, is located in Temple, Texas, a vibrant city close to Austin.

In addition to research, new faculty will instruct fellows and residents, medical and/or graduate students, and will be active in pre- and postdoctoral training. Interactions with clinical researchers are encouraged through Scott & White and the Central Texas Veterans Health Care System, major teaching hospitals of the Texas A&M Health Science Center. The College of Medicine is entering a rapid growth phase with expansion of the medical school class, and a substantial number of new faculty will be recruited in upcoming years.

Send CV, statement of research, training and teaching goals, and a list of 3 references to: kbaker@medicine.tamhsc.edu or Kenneth M. Baker, M.D., Division of Molecular Cardiology, Texas A&M Health Science Center, College of Medicine, 1901 South First Street, Building 205, Temple, Texas 76504.
Positions in Membrane Research at the University of Virginia. The Center for Membrane Biology at the University of Virginia invites applications for tenure-track faculty positions. Preference will be given to candidates at the Assistant Professor level, but more senior candidates will also be considered. The newly created Center is based in the Department of Molecular Physiology and Biological Physics in the School of Medicine and also draws faculty from several other Departments.

UVa has a history of outstanding research in the structure and function of membranes, and current strengths include (1) the structural biology of membrane channels, transporters and receptors, (2) signal transduction in membranes, (3) viral and intracellular membrane fusion, (4) trafficking of membrane proteins, (5) cell adhesion, and (6) lipid-protein interactions. We especially encourage applicants with expertise that complements and broadens these areas, including translational research more closely related to disease. The positions offer newly constructed space and access to state-of-the-art facilities for membrane protein production, structure determination by crystallography, NMR spectroscopy, and electron microscopy, as well as other biophysical techniques. In addition to membrane biology, the Department of Molecular Physiology and Biological Physics also has strengths in cardiovascular physiology, cancer biology, and structural biology in general. Candidates must have a PhD or MD degree and are expected to be competitive at the national level by having made significant contributions to an area in membrane biology as documented by publications and, for more senior appointments, to have national/international stature with recognition through peer reviewed grant support.

To apply, please send Curriculum Vitae, publication list, a statement of significant research accomplishments and future research plans, and a list of three references to: Dr. Lukas K. Tamm, Director of the Center for Membrane Biology and Chair of the Search Committee, Department of Molecular Physiology and Biological Physics, University of Virginia Health System, P.O. Box 800736, Charlottesville, VA 22908-0736 or membsearch@virginia.edu. Review of applications will begin September 15, 2008; however, the positions will remain open to applications until filled.

The University of Virginia is an Equal Opportunity/Affirmative Action Employer.
A FACULTY POSITION AT THE RANK OF EITHER
TENURE-TRACK ASSISTANT PROFESSOR
OR ASSOCIATE PROFESSOR
IN FUNDAMENTAL VIROLOGY

The successful candidate is expected to have a
strong background in molecular biology and
and develop high quality, independent research pro-
grams in an area related to the study of virus-
host interactions, preferably outside the domain
of retrovirology. He/She will be able to obtain
external funding to support his/her research
and will interact with research programs exist-
ing in the Departments of Microbiology, Plant
Molecular Biology, Biochemistry or the Center
for Integrative Genomics of the School of
Biology and Medicine.

He/she is expected to have a strong commitment
for teaching and will be responsible for teaching
in the Bachelor, Master and PhD programs in
the field of fundamental virology.

The job description is available on the Web at
the address:
www.unil.ch/fbm/page2295.html. For further
information, please contact Prof. Darius
Moradpour (darius.moradpour@chuv.ch), chair
of the search committee.

Applicants should send their curriculum vitae,
list of publications in which the five most
significant are identified, a brief description of
their future research goals and at least three
names of reference before October 10th, 2008
to Prof. Patrick Francioli, Dean of the Faculty of
Biology and Medicine, rue du Bugnon 21, CH-
1005 Lausanne, Switzerland.

The University of Lausanne wishes to promote the access of women to academic careers and encourages applications from women.

Dean of the Rubenstein School of Environment
and Natural Resources

The University of Vermont (UVM) seeks a dynamic leader to serve as Dean
of the Rubenstein School of Environment and Natural Resources, working
in a boldly progressive, highly interdisciplinary setting that blends ecology
and environmental science, social science and humanities, and spatial
analysis and modeling; all with a focus on understanding human-
environment relationships and ecosystem sustainability. The Dean is both
the leading academic officer in The Rubenstein School and an important
member of UVM’s senior leadership team.

The School has an annual budget of approximately $15 million (about $5
million in base funds plus gifts, endowments, and research grants) and is home
to about 500 undergraduate and 130 full and part-time Master’s and Ph.D.
students, 40 faculty members (including 27 tenure track positions), and 30
research and administrative staff. It is a leading administrative unit for the campus-wide Environmental Program which serves majors in
two colleges beyond the Rubenstein School.

The Dean will lead efforts to expand the School’s network of inter-
University, local, state, national, and international collaborations, and
represent the School and University to a wide constituency of environmental professionals, government agencies, and legislators. In
this capacity the Dean will play a leading role in defining and pursuing
initiatives to complete UVM’s transformation into an internationally
recognized environmental university.

The University of Vermont, founded in 1791, is one of the oldest
universities in the United States. The Rubenstein Ecosystem Science
Laboratory on the Lake Champlain waterfront features eight state-of-
the-art research laboratories [and is physically connected to the ECHO
Lake Aquarium and Science Center at the Leahy Center for Lake
Champlain -- a public education resource and a unique platform for
UVM scientists to connect with the broader community]. One of the
nation’s most livable cities, Burlington is leading the sustainable cities
movement nationwide. While a public research and land grant
university with a wide range of programs, including a medical school,
the University of Vermont is able to provide a personal touch because
of its relatively small size – 9,000 undergraduates and about 1,300
graduate students with approximately 1,000 full-time faculty.

UVM provides a rich environment for teaching, research, and
scholarship in many realms of human inquiry and a strong tradition
of liberal education. Attesting to the institution’s overall excellence, faculty
attract research grants valued at five times the research
support of the average university of UVM’s size. The university
comprises seven separate undergraduate colleges and schools, an
Honors College, a Graduate College, a College of Medicine, a
Division of Continuing Education that operates statewide, and a
Division of Extension. UVM offers more than 90 undergraduate majors and 52 master’s and 22 doctoral degree programs.

The University has articulated a ten-year strategic plan involving significant
expansion of facilities, student enrollments, and faculty. A vibrant and
rigorous Rubenstein School of Environment and Natural Resources is
central to the success of this plan. (Specific information on the Strategic
Plan is available at www.uvm.edu/~president/Page-strategic_planning/
strategicplan.html.) The new Dean will play a critical role in shaping
the future of the College in concert with the university strategic plan.

The University seeks a recognized scholar and experienced administrator committed to both undergraduate and graduate programs,
with the ability to strengthen and expand the school’s teaching and
research agenda. The successful candidate will have an earned
doctorate or equivalent degree in an area related to the College’s
instructional mission, a significant record of scholarly accomplishment
sufficient to qualify the candidate for appointment as full professor;
demonstrated achievements in academic administration, effective
interpersonal and managerial skills. A strong and demonstrated
commitment to diversity—among faculty, staff, and students as well as in
curriculum and curriculum—is required. Experience in enrollment
management and planning will be advantageous. Because the dean is
expected to play an important leadership role in the university’s
upcoming comprehensive campaign, which should launch in FY 2009,
experience in securing external funding to support and maintain current
programs as well as new curricular and program offerings is essential.

Screening of applications will begin by September 30, 2008 and will
continue until the position is filled. Applications will likely begin July 1, 2009. Interested candidates must apply on-line at:
www.uvmjobs.com (req. #032413). Please attach a letter of application
that addresses the qualifications listed above, a current CV, and a list of
five references (name, title and e-mail). Nomination of candidates are welcomed and should be sent to the Search Committee
Chair: Domenico Grasso, Ph.D., P.E., DEE, Dean of the College &
Professor of Engineering, College of Engineering and
Mathematical Sciences, The University of Vermont, Burlington,
VT 05405-0156, 802-656-3390.

The University of Vermont is an Equal Opportunity/Affirmative Action
Employer. Applications from women and people from diverse racial,
etnic, and cultural backgrounds are encouraged.
**Postdoctoral Fellowship Awards in the Early Detection of Cancer**

The Canary Foundation, in partnership with the American Cancer Society, is continuing its postdoctoral fellowship program focused on *studies towards development of strategies for the early detection of cancer*. Research should be directed at new approaches to improve clinical methods for the screening of primary tumors and/or metastases.

Awards will be for 3 years, with stipends of $40,000, $42,000, and $44,000 per year, plus an annual $4,000 fellowship allowance. Based on the scientific merit of the applications, up to 5 awards will be made. Applications will only be accepted for full 3 year fellowships; therefore, applicants shall have no more than 2 years of postdoctoral fellowship training beyond their terminal degree (MD or PhD) at the time of application. Applicants must be US citizens or permanent residents working with an accomplished mentor at a not-for-profit institution. Awardees will be asked to attend the Canary Foundation Early Detection Symposium June 16-18, 2009, and to contribute to the online Canary Journal project.

**Deadline:** Complete application: **October 15, 2008**. For information regarding policies or to obtain an application, go to [www.cancer.org/research](http://www.cancer.org/research). To learn about the Canary Foundation, visit [www.canaryfoundation.org](http://www.canaryfoundation.org). For inquiries, contact Michael H. Melner, PhD at 404-327-6528 (michael.melner@cancer.org).

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**University of Wyoming**

**Neuroscientist**

The Department of Zoology and Physiology in conjunction with the Graduate Neuroscience Program at the University of Wyoming invites applications for a full-time, nine-month, tenure-track FACULTY POSITION at the rank of Assistant Professor, or at a higher rank for an individual with an outstanding research and funding record, starting August 2009. Area of research is open but preference will be given to applicants who would complement existing strengths in the Neuroscience Program, which include sensory neurophysiology, neuronal plasticity, neuroendocrinology, and neuropsychopharmacology. The successful candidate must have a PhD or equivalent, evidence of research productivity, and teaching ability. A minimum of 2 years of post-doctoral experience is preferred. Teaching responsibilities will include a graduate level functional neuroanatomy course. S/he will be expected to have or to develop an externally funded research program and to participate in the Graduate Neuroscience Program and the NIH funded Neuroscience Center of Biomedical Research Excellence. The successful applicant will have access to outstanding Microscopy and Macromolecular Analytic Facilities. A competitive start-up package is available.

Interested applicants should send a curriculum vitae, a statement of research and teaching experience, three publications, and three letters of recommendation to: Neuroscience Search Committee, Dept. 3166; 1000 E. University Avenue, Laramie, WY 82071; Fax 307-766-5625; Website: [http://www.uwyo.edu/NeuroScience and http://uwyo.edu/ Zoology; email zrequest@uwyo.edu](http://www.uwyo.edu/NeuroScience). Review of applications will begin in November 2008.

The University is a Carnegie Foundation Research/Doctoral Extensive Institution, and is an AA/EOE Employer.

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**Case Western Reserve University**

**INSTRUCTOR Position in HIV Molecular Biology**

Department of Molecular Biology and Microbiology

An INSTRUCTOR position is available in the group headed by Dr. Jonathan Karn, Chairman of the Department of Molecular Biology and Microbiology at the Case Western Reserve University School of Medicine. The Department has strong ties to the Case Center for AIDS Research, and is currently undergoing a period of rapid expansion. The work of the group focuses on the control of HIV transcription. Ongoing projects concern biochemical and genetic studies of the mechanisms of action of Tat, HIV repression by chromatin structures, and regulation of promoter clearance by transcription factors. Recent publications include: Kim et al., EMBO J. 25:3596-3604, 2006; Tyagi and Karn, EMBO J. 26: 4985-4995, 2007. Further details about the Department may be viewed at: [http://www.cwru.edu/med/microbio](http://www.cwru.edu/med/microbio).

Qualified applicants should hold a doctoral degree and have completed at least three post-doctoral or fellowship years, provide a record of scholarly activity and the potential to advance in a field of research. Experience in the biochemistry of transcription, molecular virology and/or gene expression in mammalian cells is essential. Attractive salary and benefits, and relocation expenses will be provided, commensurate with experience and achievement. For further information on the position and to apply, please visit: [http://sunshine.case.edu/hivinstructor/](http://sunshine.case.edu/hivinstructor/) to complete a brief online application and provide a cover letter, curriculum vitae, brief statement of research goals and accomplishments, and names and contact information of three professional references by August 30, 2008.

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**The University of Toledo**

**Three Tenure-track Faculty Positions**

**Virology, Immunology, Bacteriology**

The Department of Medical Microbiology and Immunology at the University of Toledo College of Medicine is seeking to hire three tenure-track faculty members at the level of Assistant/Associate/Full Professor. Candidates must hold a Ph.D., M.D., or equivalent degrees and have at least three years of relevant postdoctoral experience (Assistant Professor) or faculty appointment (Associate/Full Professor). Successful candidates will be expected to develop/maintain an externally funded, basic and/or translational research program and contribute to teaching in our medical and graduate programs.

Applications including (a) CV, (b) a brief summary of research interests, past accomplishments, and future plans, and (c) names and addresses of three references should be sent electronically to: sharon.ellard@utoledo.edu. Applications are continuously reviewed. For further details regarding these positions see [http://hsc.utoledo.edu/depts/micro/index.html](http://hsc.utoledo.edu/depts/micro/index.html).

The University of Toledo is committed to diversity and equal opportunity. Applications from women and minority candidates are strongly encouraged.
The University of California, Los Angeles (UCLA) invites inquiries, nominations and applications for the position of Chair of the Department of Biochemistry. The Department serves as the center for graduate, undergraduate and postdoctoral education and training in Biochemistry across the UCLA campus. We are seeking candidates with a record of distinguished scholarship and the ability to bridge the biological, chemical and physical sciences using quantitative, mechanistically driven investigations. The ideal candidate will have creative vision, leadership and administrative skills, and a commitment to excellence in education and to the mentoring and career development of faculty.

Applicants should submit a copy of their curriculum vitae by email to Patricia O’Brien, Duke University School of Medicine, at: obrie024@mc.duke.edu 

**Duke University School of Medicine**

announces an outstanding opportunity for a scientific and administrative leader to Chair the Department of Biochemistry. The Department serves as the center for graduate, undergraduate and postdoctoral education and training in Biochemistry across the Duke campus. We are seeking candidates with a record of distinguished scholarship and the ability to bridge the biological, chemical and physical sciences using quantitative, mechanistically driven investigations. The ideal candidate will have creative vision, leadership and administrative skills, and a commitment to excellence in education and to the mentoring and career development of faculty.

Applicants should submit a copy of their curriculum vitae by email to Patricia O’Brien, Duke University School of Medicine, at: obrie024@mc.duke.edu

**TENURE-TRACK FACULTY POSITIONS**

**Developmental Biologist and Animal Physiologist**

AUGUSTANA COLLEGE invites applications for two tenure-track Assistant Professor positions beginning September, 2009. Applicants must possess a Ph.D. postdoctoral experience is preferred.

**TEACHING EXPECTATIONS:** Duties include teaching 2 courses each semester.
- **Developmental Biology** - Courses will include team-taught introductory biology courses, developmental biology and another course within the candidate’s specialty. Specialties may include, but are not limited to, embryology, endocrinology, or immunology.
- **Animal Physiology** - Courses will include team-taught introductory biology courses, human physiology and general physiology. A course in the candidate’s specialty may be taught during our January term. Specialties may include, but are not limited to, neurobiology, endocrinology, or immunology.

**RESEARCH EXPECTATIONS:** While teaching is a major component of the positions, productive research involving undergraduates is expected and is a long-standing tradition in the department. The college is situated in an area experiencing rapid growth in biomedical, biotech, agricultural, and environmental research, offering collaboration opportunities in various research areas (for more information go to http://www.augie.edu/dept/biology/Web/index.html). A $100,000 start-up package ($30 k from Inst., $70 k from grant money) to support both teaching and research will be provided for each position.

**SALARY:** Salary is competitive and dependent upon qualifications; excellent fringe benefits are included.

**CLOSING DATE:** Review of applications will begin October 3, 2008 and continue until the positions have been filled.

**APPLICATION PROCEDURE:** Please send a letter of application, teaching philosophy, goals for professional development, copies of undergrad/graduate transcripts, CV, and 3 letters of reference to: Dean of the College, Box 763S, Augustana College, 2001 S Summit Avenue, Sioux Falls, SD 57197. For questions, email: steven.matzner@augie.edu. Chair, Biology Department or call 605-274-4821.

Augustana College is an Equal Opportunity/Affirmative Action/Title IX Employer. Qualified Women/Minority Applicants are Encouraged to Apply. Applicants Must Comply with the Immigration Reform and Control Act. Official Transcripts are Required upon Employment.
**POSITIONS OPEN**

**OXYGEN SENSING and REDOX SIGNALING SCIENTIST**

The Department of Medicine/Section of Cardiology is seeking qualified applicants for a full-time RESEARCH ASSOCIATE (ASSISTANT/ASST/ASSOC/FULL PROFESSOR) position with Dr. Stephen Archer on studies of basic mechanisms of oxygen sensing and experimental therapies for pulmonary hypertension. The successful applicant will join the heart and vascular research group, led by Dr. Archer.

The primary activity of the Research Associate (Assistant/Associate/Professor) is academic research, along with the development of a redox signaling and repair oxygen sensing (ROS) research core in association with a faculty member or team. Qualified applicants are required to possess a Doctorate degree in a relevant discipline (e.g. free radical biology and/or biochemistry). Applicants should possess excellent knowledge of free radical biology and redox signaling regulation and have demonstrated track record of expertise performing in vivo and in vitro experiments with pharmacological or genetic manipulation of antioxidants and detection of ROS. Experience in small animal work (including small animal surgeries), usage of electron paramagnetic resonance spectroscopy (EPR), fluorescence/luminescent measurement equipment (including confocal microscopy), and molecular or cellular biology techniques as experience and the ability to manage various levels of personnel within a laboratory environment, assist with monitoring laboratory budget expenditures, and overall laboratory management also required. Three to five years of postdoctoral training is required. A demonstrated track record of publication and the potential to apply for peer-reviewed funding is preferred. Responsibilities include data management, analysis, manuscript preparation, and submission of protocols for approval by the Institutional Animal Care and Use Committee. Preference will be given to applicants who have experience at the University of Chicago. University support and mentorship is also provided dependent on qualifications. The University provides a generous package of fringe benefits. Interested applicants should submit cover letter, curriculum vitae, and three letters of reference via e-mail to Dr. Stephen Archer, e-mail: sarcher@medicine.bsd.uchicago.edu. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

The Department of Basic Sciences in the College of Veterinary Medicine (CVM) at Mississippi State University (MSU) is seeking applicants for a tenure-track ASSISTANT PROFESSOR in systems biology. Research will be a major component of this position; however, the specific areas of expertise and potential funding sources are open. The ideal candidate will be in the early stages of independent research with a strong commitment to excellence in teaching and research. The successful candidate will become a member of the Institute for Digital Biology (IDB), a vibrant university-wide complex of researchers. The IDB fosters collaboration and provides access to leading-edge computer facilities and expertise. Minimum qualifications for this position include a Ph.D. and/or postdoctoral training in systems biology and/or a DVM, or other equivalent degree. The potential for establishing a vigorous independent research career is demonstrated through evidence of published research expertise in applied systems biology. The ability to work both independently and as a team member will be useful in this environment. Salary will be commensurate with experience and will be competitive. Evaluation of applications will begin July 30, 2008, and continue until the position is filled. Please send curriculum vitae, names and contact information for three persons who can provide letters of recommendation, and a statement of research plans and goals as well as teaching philosophy to:

Dr. Stephen B. Pruett, Department of Basic Sciences, College of Veterinary Medicine, P.O. Box 6100, Mississippi State, MS 39762. MSU is an Affirmative Action/Equal Opportunity Employer.

**DIRECTOR**

**Glennan Center for Geriatrics and Gerontology**

Eastern Virginia Medical School (EVMS) seeks applications for the position of Director of the Glennan Center for Geriatrics and Gerontology with a faculty appointment in the Department of Internal Medicine at the rank of ASSOCIATE PROFESSOR or PROFESSOR. Candidates should have an M.D. or Ph.D. degree, must have demonstrated excellence in research, and possess exceptional leadership qualities. The successful candidate will have the opportunity to build a prominent center, emphasizing excellence in research, teaching, and clinical care related to aspects of aging. EVMS is undergoing a significant expansion in the areas of basic and translational research. There are significant resources available, including excellent laboratory space and endowed professorships for recruitment of the Center Director and additional faculty.

The Glennan Center for Geriatrics and Gerontology has gained national and international recognition for excellence in immunology, genomics, and integrative biology. The Center is also a leader in clinical care, providing innovative services to meet the special health care needs of older adults across a full range of practice settings from independent living to assisted living, long-term care, palliative care, and hospital care. The Center currently consists of eleven faculty members, and offers a comprehensive program for clinicians and scientists that provides training in geriatrics and gerontology for medical students, residents, fellows, other health care professionals, and junior faculty members.

Eastern Virginia Medical School is located in southeastern Virginia in the nation’s 27th largest metropolitan statistical area. The region offers premier waterfront communities, large beaches, excellent golf, tennis, sailing, and other recreational opportunities, and top ranked schools.

Please send a letter of interest including current curriculum vitae to the Executive Search Committee at e-mail: execcomm@evms.edu. (Affirmative Action/Equal Opportunity Employer.)

**ENVIRONMENTAL CHEMISTRY.** Haverford College seeks to fill an open-rank, tenure-track position in environmental chemistry, broadly defined. Applicants from all areas of chemistry are encouraged to apply, but we will focus on candidates who can make substantial contributions to research related to the environment. The successful candidate will teach chemistry courses at all undergraduate levels and play a formative role in a new interdisciplinary program in environmental studies. Candidates must have a Ph.D. and postdoctoral experience. Applicants should submit curriculum vitae, with statements of research plans and goals, and teaching philosophy electronically to e-mail: hc-chemistrysearch@haverford.edu. Undergraduate and graduate transcripts, and three letters of recommendation should be mailed to: Merleen MacDonald, Search Administrator, Assistant Professor of Chemistry, 370 Lancaster Avenue, Haverford, PA 19041. Questions should be directed to: Dr. R. Scarborough, Professor of Chemistry (e-mail: rscarborough@haverford.edu). For full consideration, applications must be completed by October 10, 2008. More information is available from website: http://www.haverford.edu/chemistry.

Haverford College (website: http://www.haverford.edu) is located 12 miles northwest of Philadelphia in the Delaware River watershed, an area of intense industrial, urban, and agricultural activity which also includes many parks and protected natural areas. Haverford is an Equal Opportunity/Affirmative Action Employer, committed to excellence in diversity, and strongly encourages applications and nominations of persons of color, women, and members of other underrepresented groups.

**FACULTY POSITION**

Chemical Biology and Bioorganic Chemistry

University of California, Irvine

The Department of Chemistry at the University of California, Irvine invites applications for a tenure-track position at the ASSISTANT PROFESSOR level in chemical biology and bioorganic chemistry. We seek a Ph.D.-level scientist who will establish a vigorous research program in chemical biology broadly defined. The successful candidate will be commended to teach chemistry at the undergraduate and graduate levels. Applicants should send their curriculum vitae, a list of publications, and a description of their proposed research program, to: The Chemical Biology Search Committee, Department of Chemistry, University of California, Irvine, CA 92697-2025. Applications may also be submitted electronically via the web at: http://www.uci.edu/chemistry/search. Applications should include a cover letter and the information requested above. Applicants should also arrange to have three letters of recommendation submitted on their behalf. To insure full consideration, applications and supporting materials should be received by October 31, 2008. The University of California is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity, and has an ADVANCE program dedicated to gender and ethnic equity.

**ASSISTANT PROFESSOR.** The University of Chicago Department of Chemistry

The Department of Chemistry of the University of Chicago invites applications from outstanding individuals for the position of Assistant Professor of Chemistry. This tenure-track position, to be opened as of July 1, 2009, is expected to be filled on the basis of demonstrated excellence in research and teaching. Applicants must have a Ph.D. degree in organic, and physical chemistry. Applications must include curriculum vitae, a list of publications, and a succinct outline of research plans, and be supported by three letters of recommendation. Materials accepted by mail only address, as appropriate, to: Inorganic Search Committee, Organic Search Committee, or Physical Search Committee, Department of Chemistry, Office of the Chair (GH 222), The University of Chicago, 5735 S. Ellis Avenue, Chicago, IL 60637. Review of completed applications will begin October 1, 2008; to ensure full consideration, all material should be submitted by that date.

University of Chicago is an Affirmative Action/Equal Opportunity Employer.
Epigenetics and Evolutionary Genetics

The Department of Biological Science invites applications for tenure-track faculty positions at any rank in our cluster hiring initiative Integrating Genotype and Phenotype. We are seeking faculty with interests complementary to those already hired into the cluster. For more information see http://www.bio.fsu.edu/genphensearch/.

Epigenetics: Researchers investigating fundamental aspects of chromatin or RNA–mediated regulation of phenotypic variation, epigenetic mechanisms in development and evolution, chromosome structure and dynamics and those using genomics or computational approaches to study chromatin landscapes or regulatory networks.

Evolutionary Genetics: Researchers using experimental, computational, or theoretical approaches to study the genotype-phenotype map, including, but not limited to, evolution of development, epigenetic systems, genetic regulatory networks, comparative genomics, or quantitative genetics.

Please submit one electronic application (PDF files preferred) consisting of a cover letter, curriculum vitae, statements of research and teaching interests, and have four letters of reference sent to genphensearch@bio.fsu.edu. Review of applications will begin September 15, 2008, but will continue until the positions are filled.

FSU is an AA/EO Employer. Applications from minority and female candidates are especially encouraged.

The University of Alabama invites nominations and applications for the position of chair of the Department of Geological Sciences. The Department seeks an outstanding Geoscientist with a Ph.D. in Geoscience or related field, excellent leadership and interpersonal skills, and nationally recognized scholarly achievements. The successful candidate must have demonstrated administrative experience, the understanding and vision required to continue our successful undergraduate and graduate teaching and research programs, the interest to facilitate collaborative and multidisciplinary research efforts in a collegial environment, and the enthusiasm to continue to foster strong relations with our alumni. This position is at the full professor level with tenure.

Applications will be accepted until the position is filled with the consideration of applications beginning October 1, 2008. The expected start date is August 16, 2009. To apply on-line, please go to the University of Alabama jobs website at facultyjobs.ua.edu. Letter of application, curriculum vitae, description of administrative experience, statements of administrative and teaching philosophy, teaching interests, research plan, and a list of five potential referees should be submitted on-line. Please contact Ernest A. Mancini, Chair of the Search Committee, Department of Geological Sciences, Box 870338, University of Alabama, Tuscaloosa, Alabama 35487 or at 205-348-5096. Information about the Department is available on our web site at www.geo.ua.edu. The University of Alabama is an Equal Opportunity/Affirmative Action employer and actively seeks diversity among its employees. Women and minority candidates are strongly encouraged to apply.

MINIMUM QUALIFICATIONS: Geoscientist with a Ph.D. in Geoscience or related field. Administrative experience: served as a department chair, research or education center director, administrator for a major education unit, or extensive experience (at least 8 years) in advising undergraduate and graduate students and participating as a chair and member of department, college and university level committees.

Teaching experience: undergraduate and graduate levels, or in an education training program.

Research experience: published in peer-reviewed national/international Geoscience journals, presented at national/international Geoscience conferences and meetings, and established a funded Geoscience research program. Excellent communication and interpersonal skills and ability to administer effective undergraduate and graduate and collaborative research programs.

PREFERRED QUALIFICATIONS: Directed research of undergraduate and graduate students. Obtained funding from governmental agencies, foundations, and/or industry to establish a research program. Active in national/international Geoscience societies. Served in leadership positions in the academic community. Outstanding teaching portfolio.

Open Until Filled
Starting Date: 08-16-2009

The University of Alabama is an Affirmative Action/Equal Employment Opportunity Employer. Applications from women and minorities are encouraged.
Society for Conservation Biology (SCB) seeks new CONSERVATION BIOLOGY EDITORS.

SCB is initiating a change in the editorial structure of its internationally acclaimed journal Conservation Biology, and seeks a diverse and international team of five Editors, one of them EDITOR-IN-CHIEF, to lead the journal. We invite applications from individuals with experience in editing scientific publications and expertise in conservation science, understood as a discipline that spans the social and natural sciences, as well as across biological realms and geographical regions.

Compensation will be in the form of honoraria, and the appointments will be for up to four years, renewable. The team of Editors will be supported by experienced, professional staff already employed by SCB.

Please send expressions of interest and resume, by 15 September 2008, to: Chair, Conservation Biology Editors Search Committee, e-mail: editorsearch@conbio.org. Additional details of duties and terms of employment may be found at website: http://www.conbio.org/EditorSearch.

The ENDOWMENT for SCHOLARS in BIOMEDICAL RESEARCH

The University of Texas Southwestern Medical Center UT Southwestern is pleased to announce the continuation of the Endowed Program for Scholars in Biomedical Research. The Program, which is fully funded from private endowment, will provide at least $1,000,000 over four years to support the research activities of each new ASSISTANT PROFESSOR (tenure track) appointed to the Program; five will be appointed annually. Academic appointments and research space will be provided by individual medical school departments or research centers. Positions in both basic science and clinical departments are available. The goal of the program is to assure a successful beginning of the research careers of an evergrowing cadre of outstanding young investigators at UT Southwestern.

For detailed information about currently available faculty positions, please access our website: http://www8.utsouthwestern.edu/utsw/home/scholars/index.html.

SOUTHWESTERN
The University of Texas Southwestern Medical Center
at Dallas

UT Southwestern is an Equal Opportunity Institution.

POSTDOCTORAL POSITIONS. Two positions are available to investigate unchartered biochemistry and physiology of anaerobic microbes that also addresses a broader understanding of diverse prokaryotes from both the Archaea and Bacteria domains. The successful candidates will have the opportunity to apply a diversity of experimental approaches, depending on experience and objectives for advanced training, which include crystallography, spectroscopy, enzymology, genetics, and genomic expression profiling. The laboratory is generously supported by National Science Foundation, Department of Energy, NASA, Air Force Office of Scientific Research, and Pennsylvania State University. For more information visit website: http://www.bmb.psu.edu/faculty/ferry/lab/index.html. Send resume and names of three references to: James G. Ferry, Job #A-28403, 205 S. Frear Laboratory, Department of Biochemistry and Molecular Biology, The Pennsylvania State University, University Park, PA 16802. E-mail: jgf3@psu.edu. Materials accepted until positions are filled. Penn State is committed to Affirmative Action, Equal Opportunity, and the diversity of its work force.

We’ve got Careers down to a Science.

With thousands of job postings from 9 out of 10 employers, Science Careers connects you to exceptional career opportunities across the globe. Whether your path is R&D, tenure track, bioprocessing, or lab management, Science Careers is dedicated to matching qualified scientists with the industry’s top employers. Drop by ScienceCareers.org and begin searching jobs today.

ScienceCareers.org
TRINITY COLLEGE DUBLIN
The University of Dublin
www.tcd.ie/vacancies

School of Physics and CRANN
The School of Physics and CRANN - the Centre for Research on Adaptive Nanostructures and Nanodevices - wish to appoint two scientists with international reputations for research excellence. The appointments are Science Foundation Ireland (SFI) funded positions awarded to the school. The successful candidates will be full members of the academic staff of the School and have access to state-of-the-art laboratories and facilities in CRANN.

SFI Stokes Associate Professorship in Nanobiophysics
Nanobiophysics has been identified as one of the key areas for the School and there are already significant activities and facilities in nanobiophysics in CRANN. There is strong potential for collaborations within CRANN and with other schools in the university. We are particularly interested in candidates with expertise in fluorescent, magnetic and/or mechanical techniques or nanofabrication/nanofluidics applied to nanobio systems and single biomolecules. Candidates with a biological background but with experience and development of physical techniques are also encouraged to apply.

SFI Stokes Lectureship in Physics (Ultra-Microscopy)
CRANN is currently developing extensive new ultra-microscopy facilities including helium ion microscopy, transmission electron microscopy and high resolution scanning electron microscopy which will soon be available in a new centre complementing the existing range of scanning probe systems. We are particularly interested in candidates with expertise in advanced composition and structural analysis such as electron energy loss spectroscopy and ion-surface scattering spectrometry.

Further details and information on how to apply for both positions may be found at www.tcd.ie/vacancies. More information about the School of Physics and CRANN is available on www.physics.tcd.ie and www.crann.tcd.ie. The closing date for applications is 12 noon, Monday, 8 September 2008.

Trinity College Dublin is an equal opportunities employer.

Department of Biochemistry and Molecular Biology
Faculty Positions

The Department of Biochemistry and Molecular Biology at the University of Maryland School of Medicine, chaired by Richard L. Eckert, Ph.D., is undergoing a major expansion (http://medschool.umaryland.edu/biochemistry/). Highly qualified individuals will be considered at the Assistant, Associate and Full Professor levels. The department has significant strengths in muscle biology, cell signaling, cancer biology, structural biology and imaging, and a highly successful graduate training program. The expansion will include positions in epithelial biology, signal transduction and stem cells with a focus on investigators utilizing biochemical, cellular and animal model approaches to understand protein and cell function in normal, diseased and cancerous tissue. Successful candidates are expected to establish and maintain active research programs, and participate in department teaching and service opportunities. The Medical School and the Department are highly ranked with respect to NIH funding. The Department provides excellent laboratory facilities, competitive salaries and startup packages, and access to numerous core facilities.

Applicants should hold a Ph.D. or M.D., have substantial research experience, and a strong desire to participate in an interactive, multidisciplinary research environment. Interested applicants are invited to submit a letter of interest and curriculum vitae by e-mail and have three letters of reference sent by e-mail to biochem@umaryland.edu.

The University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action Employer.
The Department of Biology at the Citadel, the Military College of South Carolina, invites applications for a tenure-track GENETICIST at the ASSISTANT PROFESSOR level beginning January 2009 (an August 2009 starting date is also possible). The candidate should possess a Ph.D. in genetics or a related area. Primary teaching responsibilities will include sophomore and graduate level genetics courses for biology majors, upper-division and graduate courses in molecular genetics and the candidate’s area of expertise. The position is in the Department’s introductory biology courses. The Department offers a B.S. biology major and a core curriculum science sequence for the Corps of Cadets, and graduate programs leading to the M.A. and M.A.T. degrees. Candidates will be expected to develop an active research program. The Charleston area offers ample opportunities for collaborative research with state and federal agencies, including the Medical University of South Carolina. Citadel faculty members may also serve as adjunct faculty for the College of Charleston’s Graduate Programs in Marine Biology and Environmental Studies. Interested candidates should send a letter of application; curriculum vitae; statements of teaching and research interests; and names, telephone numbers, and e-mail addresses of three references to: Dr. Paul Rosenblum, Professor and Head, Department of Biology, The Citadel, 1 Moultrie Street, Charleston, SC 29409. Fax: 843-953-5228. You may also submit application and materials online at the website: http://www.citadel.edu/hr. Please reference job #FO8-11. Additional information is available at the Department of Biology website: http://www.citadel.edu/citadel/other/serv/biol/. The Citadel is an Affirmative Action/Equal Opportunity Employer actively committed to ensuring diversity in all campus employment. (006110)

Two POSTDOCTORAL POSITIONS in MICROBIAL IMMUNOLOGY and PATHOGENESIS. University of Wisconsin, Madison. One position addresses host-microbe interactions and seeks to identify new innate receptors to fungi. The host immune system (e.g., how mammalian receptors for fungi trigger immunoregulatory disturbances and inflammatory diseases such as asthma, a global health problem. Cell and molecular approaches will address known receptors and discover new ones. Background and experience in cell and molecular biology desirable. A second position addresses structure: function relationships of a virulence factor in Blastocystis dermatitidis, how it lodges on the fungal surface, interacts with the mammalian host. Background and experience in molecular biology and biochemistry or biophysics desirable. Madison is one of the most livable U.S. cities. The laboratory is located in a new, state-of-the-art building, with many opportunities for scientific collaboration. The positions are funded by NIH or the Sandler Foundation. Resume and letter of interest to: Bruce Klein, University of Wisconsin-Madison, Room 4503 Microbial Sciences Building, 1550 Linden Drive, Madison, WI 53706-1521; e-mail: bklein@wisc.edu. Telephone: 608-263-9217.

POSTDOCTORAL FELLOW

Postdoctoral positions are available immediately in the laboratories of Drs. Qiangrong Liang and A. Martin Gerdes, Cardiovascular Research Center at Sanford Research/University of South Dakota. Fellows will study molecular and cellular mechanisms associated with cardiac hypertrophy and/or angiogenesis using in vitro and in vivo mouse models. Candidates should have a Ph.D., M.D./Ph.D., or D.V.M./Ph.D. degree(s). A strong background in cardiovascular biology is preferred but not required. For more information please e-mail curriculum vitae to Dr. James Klinger, Associate Professor, Brown Medical School, Division of Pulmonary/Critical Care Medicine, Rhode Island Hospital, 593 Eddy Street, Providence, RI 02903 or e-mail: jklinger@brown.edu.

POSTDOCTORAL RESEARCH ASSOCIATE POSITIONS in NANOTECHNOLOGY at Oakland University, Rochester, Michigan. The NanoTech R&D Institute (Nano Institute) at Oakland University (website: http://www.oakland.edu) has immediate openings for Postdoctoral Associates with expertise in the general area of nanotechnology. The Nano Institute has active research collaboration with a local nanotechnology incubator and other industrial partners. Applicants must have an earned Ph.D. degree in science, engineering, or other related fields. Preference will be given to applicants with photovoltaic and/or other renewable energy experiences. All positions are initially for one year and renewable for additional years. Interested candidates should e-mail complete curriculum vitae, research statements, and contact information for three references to: e-mail: yih@oakland.edu.