POSITIONS OPEN

POSITION DESCRIPTION: LIMNOLOGIST

Southeastern Illinois University Carbondale (SIUC).
The College of Science seeks an outstanding scientist in the
general area of limnology/freshwater ecology as an ongoing part of SIUC’s commitment to enhance interdisciplinary research (website: http://news.siu.edu/a150/). Southeastern Illinois University Carbondale is a large, public, comprehensive research-intensive university situated in a pleasant, small town setting southeast of St. Louis.
The Department of Zoology at SIUC invites applications for a tenure-track position as an ASSISTANT PROFESSOR with a start date of August 16, 2008. Applicants must hold a Ph.D. or other appropriate doctoral degree and have a record of relevant postdoctoral research training by the time of appointment. The applicant must also have an externally funded research program that employs modern research techniques or the potential for developing one, as well as a significant record of peer-reviewed publications. The successful candidate will enhance and complement existing programmatic strengths in the areas of ecology, fisheries biology, conservation, biodiversity, and ecosystem dynamics. Possible research areas include (but are not limited to) trophic interactions, population or community ecology, ecosystem dynamics, ecological stoichiometry, or watershed/landscape-level processes. Modern research facilities and start-up funds are available. The successful applicant is expected to teach a limnology course, and undergraduate/graduate courses dependent upon the individual’s expertise and program needs. The Department of Zoology, with a faculty of 25, offers B.S., M.S., and Ph.D. degrees (website: http://www.sciencesiu.edu/zoology/). Applications: Review of applications will begin February 15, 2008, and continue until the position is filled. Applicants should submit curriculum vitae, a statement of teaching and research interests, and the names and addresses of at least three references to: Limnology Search Committee Chair, Department of Zoology, Mail Code 6501, Southern Illinois University Carbondale, 1125 Lincoln Drive, Carbondale, IL 62901. E-mail: zoology@zoology.siu.edu. SIUC is an Affirmative Action/Equal Opportunity Employer that strives to develop a diverse faculty and staff and to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration.

BIOLICAL SCIENCE PEDAGOGIST

Saint Louis University, a Catholic, Jesuit institution dedicated to student learning, research, health care, and service, is seeking applicants for a tenure-track appointment in the Department of Biology, beginning fall 2008. We seek a PEDAGOGIST in the biological sciences at the ASSISTANT PROFESSOR level possessing strong teaching and research skills and a publication record commensurate with a Ph.D. program. The successful candidate is expected to contribute to existing introductory, undergraduate, and graduate courses in the Department, advise and mentor undergraduate and graduate students, and conduct research, and develop new pedagogical programs in the area of biological sciences. Development of programs on campus or at the Reis Biological Station in the Ozark Mountains is desirable. The candidate is expected to be in the field of science education research. A Ph.D. degree is required and postdoctoral experience desirable. Interested candidates must submit their applications, statements of teaching philosophy and research plans, and curriculum vitae to website: http://www.slu.edu. Three letters of recommendation and reprints are to be sent to: Dr. Nevin Aspinwall, Chair, Biological Science Pedagogist Search Committee, Department of Biology, Mail Code 3507, Saint Louis University, St. Louis, MO 63103. Review of applications will commence January 30, 2008, and continue until the position is filled. Saint Louis University is an Affirmative Action, Equal Employment Employer and encourages nominations of and applications from women and minorities.

VISITING ASSISTANT PROFESSOR, BIOLOGY

The Biology Department at Loyola College is offering a one-year Visiting Assistant Professor position to begin in the fall of 2008. The position is intended to be a training program in which the successful applicant will be given the opportunity to teach introductory and upper-level courses in biology, be engaged in research involving undergraduate students, participate in departmental and college-wide service, and to receive guidance and mentoring from faculty that will prepare the candidate for a future career in academia. The successful applicant will be expected to teach introductory courses in cell and molecular biology, and organismal biology, upper-level courses in one or more of the following areas: neurobiology, vertebrate morphology, and cell biology. Candidates should have a Ph.D. in biology or a related discipline.

To apply, please apply electronically at website: http://www.loyola.edu/careers and include curriculum vitae, statement of teaching and research interests, a teaching philosophy, and contact information for three references.

For more information please contact: Monika Matthews (e-mail: mmatthews@loyola.edu, telephone: 410-617-2642), Administrative Assistant to the Biology Department, or Dr. David Rivers (e-mail: drivers@loyola.edu), Chair of the Biology Department. Applications received by March 15, 2008, will receive full consideration.

For more information about Loyola, please review our websites: http://www.loyola.edu/ and http://www.loyola.edu/biology/.

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Industrial Biotechnology at DuPont India

E.I. du Pont de Nemours and Company is expanding its technical and engineering capabilities and is locating a Research and Development facility within its wholly-owned subsidiary, DuPont, India, in Hyderabad. As part of this plan, we are establishing an Industrial Biotechnology Research and Development group, which will focus on a broad range of activities associated with the production of fuels, chemicals, and materials from renewable resources using modern tools of molecular biology, biochemistry, and fermentation sciences. DuPont has recently been named one of the best employers in the biotechnology and pharmaceutical industry in the 2007 Science Magazine Top Employers Survey.

Presently, we are looking for self-motivated and energetic individuals with relevant backgrounds to become a part of this exciting global R&D effort based in India.

RESEARCH SCIENTIST/PRINCIPAL INVESTIGATOR

BIOCHEMIST

The successful candidate will use knowledge of biochemistry while working in teams to develop biocatalytic routes for making chemicals and materials. The role of the biochemist will be:

• To identify potential enzyme catalysts in the design phase of the project, to troubleshoot and to solve problems associated with the function of those enzymes in the process
• To work with molecular biologists to carry out directed evolution by designing and implementing screens for improved biocatalysts, and perform follow-up characterization of hits

Minimum Skills/Qualifications:
• PhD in Biochemistry, Chemistry or a related discipline
• 2+ years of postdoctoral experience
• Advanced knowledge of Biochemistry with emphasis on enzyme function and analysis
• Demonstrated ability in Analytical Biochemistry

MOLECULAR BIOLOGIST

This position involves working in multidisciplinary teams to engineer microbes (bacteria, yeast or fungi) for the economic production of industrial compounds. The successful applicant will have expertise in molecular biology and genetics as well as microbial metabolism and biochemistry. The work may include working with biochemists to evaluate biocatalyst performance, and carry out directed evolution to improve native biocatalysts.

Minimum Skills/Qualifications:
• PhD in Biotechnology, Biochemistry, Biology, Microbiology or a related discipline
• 2+ years of postdoctoral experience
• Advanced knowledge of Molecular Biology

FERMENTATION SCIENTIST

The successful candidate will interact with a larger multi-disciplinary group including microbial physiologists, enzymologists, molecular geneticists and engineers in support of metabolic engineering and biocatalysis programs within DuPont. The successful candidate will possess a strong background in biochemistry, analytical chemistry and microbial physiology.

Minimum Skills/Qualifications:
• PhD in Chemical or Biochemical Engineering, Biology, Microbiology or a related discipline
• 2+ years of postdoctoral experience
• Demonstrated ability to design, execute and analyze fermentation experiments

RESEARCH ASSOCIATE

BIOCHEMIST

We seek associate scientists to work in teams to develop biological routes for making chemicals and materials. The role of the associate biochemist is to generate, purify, and assay enzyme catalysts in the design and implementation phases of the project. The work may include working with molecular biologists to carry out directed evolution by implementing screens for improved biocatalysts and doing follow-up characterization of hits. The candidate will be expected to maintain expertise within multiple technologies in the areas of biochemistry.

Minimum Skills/Qualifications:
• MS in Biochemistry, Chemistry or a related discipline
• Knowledge of Biochemistry with emphasis on protein purification, analysis of protein purity and expression levels, and analytical methods or enzyme activity
• Demonstrated ability in Analytical Biochemistry

MOLECULAR BIOLOGIST

This position involves engineering microbes (bacteria, yeast or fungi) for the economic production of industrial compounds. The work may include working with biochemists to evaluate biocatalyst performance. The candidate will be expected to maintain expertise within multiple technologies in the areas of molecular biology.

Minimum Skills/Qualifications:
• MS in Biochemistry, Biology, Microbiology or a related discipline
• Knowledge of Molecular Biology with emphasis on purification of bacterial plasmids, PCR primers design, restriction analysis, gel purification, cloning, transformation and growth of bacteria (including preparation of competent cells and electroporation), analysis and manipulation of DNA of sequences (i.e. Vector NTI)

FERMENTATION SCIENTIST

The successful candidate will interact with a larger multidisciplinary group including biochemists and molecular biologists, in support of metabolic engineering and biocatalysis programs. The candidate will be expected to maintain state-of-the-art knowledge in fermentation science and maintain expertise within multiple technologies in the areas of biocatalysis and metabolic engineering.

Minimum Skills/Qualifications:
• BTech/MTech/MS in Chemical or Biochemical Engineering, or MS in Biology, Microbiology or a related discipline
• Demonstrated ability to execute and analyze fermentation experiments

Qualiﬁed candidates should apply through DuPont’s career web-page: http://careers.dupont.com

Click on: jobs by region/Asia Paciﬁc/India.

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Division of Cancer Biology  
Cancer Etiology Branch  
Microbiologist/Chemist/Biologist

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.

Tenure Track/Tenured Position  
Basic Biomedical Research

Division of Intramural Research (DIR) of the National Heart, Lung and Blood Institute is seeking an outstanding scientist to initiate and direct an independent research program on the NIH campus in Bethesda, MD. The area of expertise of the candidate is less important than his/her demonstrated ability to conduct outstanding independent research in areas within the broad interests of the DIR. The areas of expertise may include but are not limited to: molecular and cellular biology, biophysics, biochemistry, immunology, systems biology, physiology, signal transduction, developmental biology, and molecular imaging. Potential candidates are welcome to view the NHLBI DIR web pages (http://dir.nhlbi.nih.gov/) to review the research programs and support available within the DIR. The existing faculty is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics complemented by the other DIR programs within NIH. Strong research core support in optical and electron microscopy, transgenic and knockout mouse production, mouse phenotyping, proteomics, genomics, and flow cytometry/cell sorting is available to the DIR faculty. Candidates can also train Ph.D. students by participating in the Graduate Partnership Programs (http://gpp.nih.gov/) with many academic programs around the world.

The candidate must have an M.D., Ph.D., or both and have an outstanding record of research accomplishments as evidenced by publications in major peer-reviewed journals. The position can be filled as a tenure-track or tenured position, but preference will be given to senior post-doctoral fellows or faculty who are still in the early stages of their research careers. The successful candidate will be offered a competitive salary commensurate with experience and qualifications, and will be assigned ample research space, supported positions, and an operating budget. Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Applications must be received by February 1, 2008. Please submit a curriculum vitae and brief statement of research interests along with three letters of reference to:

“Robert S. Balaban, Ph.D., Scientific Director, NHLBI  
c/o Mary McMahon  
Administrative Officer, NHLBI  
10 Center Drive, MSC 1670  
Building 10, Room 7N220  
Bethesda, MD 20892-1670”

cmahonm@nhlbi.nih.gov
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 and information on working at NIAID is available on our website at: 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 January 15, 2008.
DEPARTMENT OF CELL BIOLOGY AND PHYSIOLOGY
UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE

The University of Pittsburgh School of Medicine is seeking a chair for the Department of Cell Biology and Physiology. The Department comprises 22 tenure/tenure-stream faculty with a research focus on cell polarity and the trafficking of proteins and lipids, on the function and dysfunction of ion channels, on reproductive biology, and on signal transduction in diabetes and metabolism. The successful candidate must demonstrate an outstanding record of scholarly commensurate with appointment at the rank of Full Professor with tenure. An outstanding startup package has already been committed for this position, and the person who holds this position will occupy the fully endowed Richard King Mellon Chair in Cell Biology and Physiology.

The new chair will lead a significant expansion of the department and will benefit from interactions with the Center for Biological Imaging and the University of Pittsburgh Cancer Institute, and the recently established Clinical and Translational Science Institute and Drug Discovery Institute, as well as with other research units within the School of Medicine. The University of Pittsburgh School of Medicine is enjoying unparalleled growth in its research, clinical, and academic missions. The University is currently ranked 7th among educational and research institutions in NIH funding and has doubled its NIH support in the last 10 years.

Please send curriculum vitae and bibliography to the head of the CBP Chair Search Committee (Jeffrey L. Brodsky, Ph.D.) at: jbrodsky@pitt.edu.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

FACULTY POSITION
Genetics/Skeletal Biology

The Department of Genetics at Harvard Medical School and the Department of Orthopaedic Surgery at Children’s Hospital Boston invite applications for a tenure-track appointment at the Assistant Professor level. The appointee will be a full member and active participant in the Department of Genetics (http://genetics.med.harvard.edu) and be given laboratory space in the Orthopaedic Research Laboratories at Children’s Hospital Boston (http://www.childrenshospital.org).

The successful candidate is expected to direct innovative and independent research in the field of skeletal biology, preferably addressing questions related to pediatric skeletal health and disease, and to participate in the teaching activities of the Department of Genetics and the Department of Orthopaedic Surgery. Applicants must hold a Ph.D., M.D./Ph.D., or M.D. degree, have completed post-doctoral training, and have a strong record of research accomplishments.

Applicants should submit electronically (pdf format only) a curriculum vitae, bibliography, and a 3-page description of research accomplishments/future research interests by February 29, 2008, and ask 3 references to provide letters of recommendation (also in pdf format). All these materials should be sent to the following email address:

faculty_search@genetics.med.harvard.edu

Harvard Medical School and Children’s Hospital Boston are Equal Opportunity/Affirmative Action Employers. Applications from women and minorities are encouraged.

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).
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.

Why not change the world?

TWO FACULTY POSITIONS
Department of Biology

The School of Science at Rensselaer Polytechnic Institute is seeking two exceptionally qualified scientists to work in an exciting, interdisciplinary environment as full-time tenure-track or tenured faculty positions at any rank (assistant, associate, or full professor) in the Department of Biology. The Department of Biology is in a period of rapid expansion with many new faculty appointments anticipated in the next five years. We are seeking candidates in a wide spectrum of areas, including but not limited to:

- Ecology and Evolution including Evo/Devo
- Microbiology including host-pathogen interactions
- RNA Biology
- Single Molecule Mechanics
- Structural Biology
- Systems Biology

The successful candidates must have a Ph.D. or equivalent degree, postdoctoral experience, and will be expected to establish an extramurally funded research program, train graduate students, and participate in undergraduate education. Applicants should email a single PDF document containing curriculum vitae, a three-page statement of research accomplishments and goals, and a brief description of teaching interests to biology-chair@rpi.edu. In addition, applicants should arrange to have at least three letters of recommendation forwarded by email. Consideration of candidates will begin upon receipt of applications and will continue until the positions are filled.

We welcome candidates who will bring diverse intellectual, geographical, gender and ethnic perspectives to Rensselaer’s work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity Employer.
The department is part of the Faculty of Applied Sciences. The professor should strengthen our research in imaging science and technology, specifically in instrumentation and applications for high resolution microscopy. The first challenge is to lead the development of a combined electron and light microscope, where lab-on-a-chip technology will be used to manipulate biological specimens in the sample chamber. We seek a physicist with proven skills in instrumentation and in networking with users who have a biology background. Other responsibilities will include teaching and coaching students.

Information and application
For more information about the position please visit:

www.jobsinDelft.nl

POSTDOCTORAL POSITIONS available in the following areas:

Adaptive Evolution: Geobacter species and other environmentally relevant organisms can be evolved for enhanced performance in energy production, bioremediation, etc. Identify beneficial mutations and evaluate their role in contributing to processes of interest.

Metagenomics and Molecular Ecology: Evaluate the function and activity of Geobacter and other organisms involved in groundwater bioremediation through the analysis of environmental genomic and proteomic data as well as elucidation of in situ gene expression.

Genome-Scale In Silico Modeling of Bioremediation: Develop constraint-based models based on the genome sequences of environmentally relevant organisms and couple these models with hydrological and geochemical models.

Reductive Dechlorination: Investigate novel methods of improving bioremediation of chlorinated contaminants with new strategies for stimulating this process and genome-scale modeling and genetic manipulation of dechlorinating microorganisms.

Microbial Fuel Cells: Investigate mechanisms of electron transfer between microorganisms and electrodes; model functioning of microbial fuel cells; and improve power output via adaptive evolution and genetic engineering.

For research program details please visit www.geobacter.org. Minimum qualifications are a PhD in Microbiology or a related field. Salary is commensurate with experience. Please email curriculum vitae and names of three references to: Dr. Derek Lovley, Environmental Biotechnology Center, Department of Microbiology, University of Massachusetts, Amherst, MA. Email: dlovelly@microbio.umass.edu or send information to Search Committee Chair, R30904 Microbiology, 203N Morrill IVN, UMASS, Amherst, MA 01003. Review of applications will begin January 18, 2008 and continue until the positions are filled.

UMASS is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

The Medical Faculty Mannheim of the University of Heidelberg is seeking qualified applicants for the following positions of

Professor of Psychiatry and Psychotherapy (W3)
The incumbent will be appointed

Deputy Medical Director

of the Department of Psychiatry and Psychotherapy at the Central Institute of Mental Health, Mannheim (Medical Director: Andreas Meyer-Lindenberg, MD, PhD, MSc), within the Department of Child- and Adolescent Psychiatry and Psychotherapy (Medical Director: Tobias Banaschewski, MD, PhD).

Applicants should show a high quality research profile and excellent scientific achievements on an international level. A postdoctoral thesis (habilitation) or the equivalent as well as several years of experience in a senior clinical position are prerequisites. Additionally, the incumbent’s main research interests should be in biological psychiatry. Candidates are expected to have extensive teaching experience, to be accredited in the area of psychiatry and psychotherapy or show an equivalent educational background.

Professor of Child and Adolescent Clinical Neurophysiology (W3)
The incumbent will represent the field as a whole in terms of research and teaching.

Research facilities are provided at the Central Institute of Mental Health in Mannheim (Foundation under Public Law, Director: Andreas Meyer-Lindenberg, MD, PhD, MSc) within the Department of Child- and Adolescent Psychiatry and Psychotherapy (Medical Director: Tobias Banaschewski, MD, PhD).

Applicants should show a high quality research profile and excellent scientific achievements on an international level in the area of neurophysiological research in child and adolescent development as well as sound experience in multimodal imaging. Candidates should be able to represent the field of child- and adolescent psychiatry with an interdisciplinary approach linking medicine, biology, psychology and behavioural science. A postdoctoral thesis (habilitation) or its equivalent as well as experience in soliciting third party funding and participating in multicenter cooperations are expected.

In addition to fulfilling its university and clinical functions and to its role as a university teaching hospital (Dept. of Psychiatry and Psychotherapy, Dept. of Child and Adolescent Psychiatry and Psychotherapy, Dept. of Psychosomatic and Psychotherapeutic Medicine, Dept. of Addictive Behavior and Addiction Medicine as well as the Chair for Neuropsychology and Clinical Psychology) the Central Institute of Mental Health is known as a research institute of international standing (WHO Collaborating Center, Member of the Association for Clinical and Biomedical Research, as well as recipient of centre grant research funding – presently SFB 636). The institute is home to a wide range of research areas such as the departments/working groups on Biostatistics, Community Psychiatry, Genetic Epidemiology, Geriatric Psychiatry, Clinical Psychology, Molecular Biology, Neuroimaging, NMR research and Psychopharmacology.

Applications containing all pertinent information should be sent within two weeks to: Medical Faculty Mannheim, University of Heidelberg, Dean’s Office, Klaus von Ackern, MD, PhD hon., University Hospital Mannheim, Theodor-Kutzer-Ufer 1-3, 68167 Mannheim, Germany

The positions are available indefinitely. By law, however, first appointments to a professorship must initially be limited to a set time period. However, if necessary, exceptions may be made in order to win outstanding candidates from outside Germany or from outside the academic community for the position. If the appointment is to be continued after the initially set time limit a second round of application proceedings is not required for permanent tenure.

The University of Heidelberg is seeking to increase the percentage of female scientists and is explicitly encouraging qualified female scientists to apply. The University is an equal opportunity employer. Applications from qualified disabled persons will be given priority.
DEAN—COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES

The University of California, Riverside, invites inquiries, applications, and nominations for the position of Dean of the College of Natural and Agricultural Sciences. The College is unique among land-grant institutions, combining the physical, mathematical, biological, and agricultural sciences under one administrative umbrella with 13 academic departments and 12 research centers and institutes. This distinctive structure enables the kind of cross-department collaborations and interdisciplinary linkages that have established the national and international reputation of the College in many fields of scientific inquiry.

As the chief academic and administrative leader for the College, the Dean reports to the Provost and is responsible for promoting excellence in all aspects of the College’s teaching, research, and public service missions; oversight and leadership for long-range planning and implementation; allocation and overall management of resources; and leadership in external relations and development activities in support of the College’s aspirations. The College awards over 4,000 undergraduate and graduate degrees annually and has 242 tenure-track faculty and almost 300 researchers and other academics. Grants and contracts currently exceed $50 million a year. Additional information and a detailed position profile may be found at www.cnas.ucr.edu.

The successful candidate will have a distinguished record qualifying for appointment at the rank of Professor in the College; an abiding commitment to academic excellence; prior successful administrative experience in a research university or its equivalent; the ability to work effectively with faculty, staff, students, alumni, and friends of the College; and the talent to represent the College to its many constituencies. The University of California, Riverside, has a strong institutional commitment to the achievement of diversity among its faculty, staff, and students and seeks an individual who shares that commitment.

The start date for the position will be July 1, 2008, or as negotiated. Candidates should provide a curriculum vitae and statement of interest, along with the names and contact information for five references who will not be contacted without prior approval. Candidate materials should be received by January 30, 2008, to ensure full consideration; the position will remain open until filled. Applications, nominations and inquiries should be submitted electronically, in confidence, to the committee’s consultant, Dr. Sally P. Springer of Storbeck/Pimentel and Associates, at s.springer@storbeckpimentel.com.

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

FACULTY POSITION in BOTANY

The Department of Biological Sciences at National Sun Yat-Sen University, Taiwan, is seeking for a tenured/tenure-track faculty member in the area of Field Botany. Appointment rank is open and dependent upon the applicant qualifications. The minimum requirements include a Ph.D. or equivalent degree in plant ecology, plant systematics or a related field with at least one year of postdoctoral experience preferred. The ability to communicate and teach in Mandarin and English is also required. Applicants should submit a statement of career goals, a resume, the graduate transcript, publication reprints, and three letters of recommendation by January 31, 2008 to: Prof. Hsueh-Wen Chang, Chairperson, Department of Biological Sciences, National Sun Yat-sen University, 70, Lien-Hai Road, Kaohsiung, Taiwan 80424.

11 TENURE TRACK FACULTY POSITIONS

In support of the College’s targeted signature programs in research and to supporting both high quality research and teaching in the sciences, Brooklyn College is seeking applications for 11 tenure track faculty positions in the Sciences to begin Fall 2008.

Brooklyn College is one of the nation’s leading public liberal arts colleges and a principal teaching and research institution of The City University of New York. Applicants should have a strong record of scholarly productivity, including the ability or potential to develop and sustain a program of research supported by outside funding, and a commitment to teaching at the undergraduate, masters and Ph.D. levels when applicable.

Please visit http://www.brooklyn.cuny.edu/bc/offices/personnel/jobs/index.php for more details.
HIV Diversity and Neutralization

The U.S. Military HIV Research Program, supported by the Henry M. Jackson Foundation for the Advancement of Military Medicine, is a key contributor to the global effort to develop HIV vaccines. Excellent, state-of-the-art core facilities, including imaging, proteomics, genomics, and bioinformatics will be available to all groups in the Cluster. For further information, including the positions filled in the first round of appointments, see www.cef-mc.de. Participation in new or existing DFG-funded Collaborative Research Centres (SFBs) in Frankfurt is expected. The successful candidate will develop a highly competitive research program in an area related to the interests of the Cluster and participate in teaching. The designated salary for the position is W2 (tenure track; initially for 5 years) on the German university scale. The Goethe University is committed to a pluralistic campus community through affirmative action and equal opportunity. For details, see http://www.uni-frankfurt.de/aktuelles/ausschreibung/professuren/index.html

Applications including a curriculum vitae, pdf files of 5 key publications, statements of research achievements (1 page) and future plans (3 pages), as well as the names and addresses of 5 academic referees should be sent within four weeks after publication of this advertisement via e-mail to: Director, Cluster of Excellence Macromolecular Complexes, Goethe University Frankfurt, e-mail: office@cef-mc.de

Further information: http://www.cef-mc.de/index.php?id=2

The U.S. Military HIV Research Program, supported by the Henry M. Jackson Foundation for the Advancement of Military Medicine, is a key contributor to the global effort to develop HIV vaccines. The internationally recognized Molecular Virology/Global Epidemiology component of the program has initiated a new effort to evaluate the impact of HIV diversity on serum neutralization of viral infectivity, through development and standardization of virus innocula for in vitro evaluation of HIV neutralization in primary target cells. This research is expected to facilitate the development of HIV vaccines that elicit strong neutralizing antibodies against the broad range of HIV variants in the global epidemic. Opportunities to participate in this new initiative have opened at multiple levels.

Scientist: Incumbent will contribute to HIV vaccine development and research will have high visibility in the scientific community. Applicant must have a PhD in Molecular Biology with 2-4 years laboratory experience in molecular cloning, DNA sequencing, and PCR. Will plan, manage, and execute a major program component in HIV neutralization. Experience with viral systems in general and HIV in particular are desirable. Must have demonstrated scientific productivity and strong organizational, leadership, and communication skills, experience with supervising technical staff. Job No: 203000.

Postdoctoral: Seeking a laboratory scientist with a recent PhD in Molecular Biology, Virology, or related discipline. Incumbent will perform molecular cloning of HIV genomes, targeted genetic modification of molecular clones to produce standardized viral reagents for HIV neutralization assays. Must have demonstrated ability to organize and execute laboratory efforts, manage and analyze data, and prepare professional quality manuscripts. Job No: 203010.

Laboratory Technician: Seeking individuals to perform laboratory research in support of studies in HIV diversity. The applicant will provide technical support to senior technical and professional staff and should possess a working knowledge of standard Molecular Biology techniques. Duties include laboratory experiments, preparation of technical reports, maintaining clear and accurate laboratory records, and other duties as assigned. Applicants should have a Bachelors degree in Biology, Chemistry, or related discipline. Job No: 203057 or 203058.

Please e-mail resumes to careers@hjf.org or fax to 240-314-7334 with Job No. in subject line. The Henry M. Jackson Foundation for the Advancement of Military Medicine offers a competitive salary and generous benefits package. AA/EEO
The University of Pittsburgh School of Medicine is seeking a chair for the Department of Microbiology and Molecular Genetics. The department comprises 32 primary faculty members with a focus on basic research in Microbiology, Molecular Biology, Virology, Biochemistry and Developmental Biology. In particular, candidates working within any area of Microbiology and Molecular Genetics are encouraged to apply for the chair. The successful candidate will have an outstanding record of scholarship commensurate with appointment at the rank of Full Professor with tenure, and as the William S. McEllroy Professor.

The University of Pittsburgh School of Medicine is enjoying unparalleled growth in its research, clinical, and academic missions. Of more than 3,000 institutions nationwide, the University of Pittsburgh is currently ranked 7th among educational and research institutions in NIH funding. The chair of Microbiology and Molecular Genetics will have an outstanding opportunity to add further to the growth of the basic biomedical sciences in the School of Medicine.

Please send a full curriculum vitae and bibliography to the MGG Chair Search Committee at: mmg@medschool.pitt.edu

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.
**Professorship (W2)**

**Membrane Transport Machineries**

The Cluster of Excellence “Macromolecular Complexes” at the Johann Wolfgang Goethe University in Frankfurt is seeking an outstanding individual with a proven track record in the field of membrane biochemistry, whose research efforts should integrate with and complement the present areas of research in the field of transport across cellular membranes (e.g. structure and function of transport complexes, protein translocation, lipid transport, assembly or biogenesis of transport machineries). Start-up funds as well as substantial funding for personnel and running costs are available. The candidate’s research group will be accommodated at the Biocenter of the university and provided with state-of-the-art facilities and infrastructure. Ample opportunity is available for interaction on the Riedberg Campus and several Collaborative Research Centers (SFBs) as well as with research groups at the Max Planck Institutes of Biophysics and Brain Research.

The successful candidate will develop a highly competitive research program in an area related to the interests of the Cluster of Excellence and participate in teaching of the biochemistry curriculum. The group will be integrated into the Department of Biochemistry, Chemistry and Pharmacy, which provides access to all core facilities, including imaging, proteomics, genomics, and bioinformatics. The designated salary for the position is W2 (tenure track; initially for 5 years) on the German university scale. The Goethe University is committed to a pluralistic campus community through affirmative action and equal opportunity.

For details, see [http://www.uni-frankfurt.de/aktuelles/auenschreibung/professuren/index.html](http://www.uni-frankfurt.de/aktuelles/auenschreibung/professuren/index.html)

Applications including a curriculum vitae, pdf files of 5 key publications, statements of research achievements (1 page) and future plans (3 pages), as well as the names and addresses of 5 academic referees should be sent within four weeks after publication of this advertisement via e-mail to: Director, Cluster of Excellence Macromolecular Complexes, Goethe University Frankfurt, e-mail: office@cef-mc.de


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**Assistant or Associate Professor, Fisheries Ecology**

We invite applications for a tenure-track position at the Assistant or Associate Professor level in Fisheries Ecology. We welcome individuals with strong credentials in fisheries biology/conservation, whose research focus can address fisheries challenges in Alberta and northern Canada, including the effects of resource development and other environmental perturbations. The successful candidate will be expected to build a research program with external funding and encouraged to develop collaborations with federal and provincial agencies, other universities, and private-sector scientists, as well as with established departmental groups in freshwater and northern ecology, conservation biology, and environmental physiology. Applicants must have a PhD and demonstrated potential for excellence in teaching, research, and for working successfully with the public and/or private sector.

The Department of Biological Sciences (http://www.biology.uaic.ca/), with 72 faculty and 275 graduate students, offers an exciting environment for collaborative research. It has ready access to lakes and rivers in boreal, mountain, and parkland regions and in Canada’s northern territories. Exceptional infrastructure includes a field station near Athabasca, a biogeochemical laboratory, and aquatics, molecular biology and microscopy/imaging services. Candidates should submit, preferably electronically (positions@biology.uaic.ca), a CV, a one-page summary of research plans, a statement of teaching interests, and reprints of their three most significant publications to:

Dr. L. S. Frost, Chair Department of Biological Sciences CW 405 Biological Sciences Bldg. University of Alberta Edmonton, Alberta, Canada T6G 2E9

Applicants must also arrange for three letters of reference to be sent electronically to the Chair (positions@biology.uaic.ca). Deadline: February 7, 2008.

The earliest date of employment will be July 1, 2008. The University of Alberta offers a competitive salary commensurate with experience and has an excellent benefits plan.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.
Marine Fisheries Specialist in Cooperative Extension Department of Wildlife, Fish, and Conservation Biology, University of California, Davis

We are recruiting a Marine Fisheries Specialist at Assistant Specialist rank to work with Sea Grant Extension colleagues and diverse groups on research and education needs in marine fisheries, conduct research on biological and human dimensions of fisheries, and provide information on harvest and conservation of marine fish and shellfish to policy makers and stakeholders. Qualifications: Ph.D. in Biological Sciences or related fields with background in ecology, marine biology, and/or resource management. Evidence of leadership, team-building, and strong communication skills.

Information and applications:
http://recruitments.caes.ucdavis.edu

Inquiries: Dr. John Eadie, Committee Chair, (530) 754-9204, jmeadie@ucdavis.edu. Applications should be received by February 29, 2008.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants, including women, minorities, veterans, and individuals with disabilities.

Your career is our cause.

Get help from the experts.

www.sciencecareers.org

- Job Postings
- Job Alerts
- Resume/CV Database
- Career Advice
- Career Forum
- Graduate Programs
- Meetings and Announcements
Stony Brook University Medical Center seeks highly qualified physician scientists (Assistant/Associate/Professor) to participate in developing the new Long Island Center for Clinical and Translational Sciences (LICATS). This center will bring together clinicians and scientists from a consortium of major clinical and research institutions throughout Long Island to catalyze the translation of innovative ideas into improved clinical practice and human health. As the lead institution for this center, Stony Brook University has an extensive research portfolio. Ongoing initiatives include the recent launching of the New York Supercomputing Center and a newly created 246-acre Research and Development Park configured to house the Center of Excellence in Wireless and Information Technology and the Center for Advanced Energy, among other initiatives. LICATS will leverage existing strengths in computational and structural biology, drug discovery and medical device design, nanotechnology, and imaging to expand its translational medicine capacities. Selected candidates will hold faculty appointments in the appropriate School of Medicine department based on the incumbents’ area of expertise. **Required:** The successful candidate must have an M.D., be board eligible in their medical specialty, qualified for New York State licensure, and engaged in clinical/ translational research. **Preferred:** Preference will be given to candidates with a track record of peer-reviewed NIH or similar source of funding. Qualified candidates with demonstrated abilities may be able to assume leadership positions within the institution. To qualify for an appointment as an Associate Professor or Professor, the candidates must meet the School of Medicine’s criteria for Appointment, Promotion, and Tenure and must have an established reputation and record of research or scholarly activity. Competitive packages commensurate with qualifications and level of appointment will be offered with salary, protected time for research, laboratory space, and funds to initiate research programs. Review of applications will begin in January 2008 and will continue until positions are filled. Electronic submissions are preferred.

To apply online visit www.stonybrook.edu/jobs or send a cover letter, C.V., names, and contact information for four references to: Marie Gelato, M.D., Ph.D., Professor of Medicine, Department of Medicine 115-060 Health Sciences Center Stony Brook University, SUNY Stony Brook, NY 11794-8154

Equal Opportunity/Affirmative Action Employer.

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**Distinguished Professor/Professor/Associate Professor Positions at the Med-X Research Institute, Shanghai Jiao Tong University, Shanghai, China**

The newly established Med-X Research Institute at the Shanghai Jiao Tong University (SJTU), Shanghai, China, is one of the key open collaborative research platforms integrating the strengths in science, engineering and medicine of the university. It supports innovative and groundbreaking multi-interdisciplinary research in emerging medical and technological fields, as well as modern clinical instrumentation, equipment and systems.

The Institute invites applicants for 20 full-time tenure/tenure-track positions, at distinguished professor, professor or associate professor levels, who will undertake international research leadership in, but not limited to, each of the following general fields:

1. Biomedical imaging and image informatics
2. Neural biomedical engineering and other biomedical instrumentation
3. Novel technology for preventive, predictive and personalized medicine, and early diagnosis and treatment
4. Digital medicine, tele-medicine, and medical informatics

The applicants will collaborate with the best facility in our Medical, Engineering, Sciences and other Schools, and in our 12 affiliated hospitals. The Institute will provide an intellectually stimulating research environment, conduct cutting-edge research in Med-X areas, and train the next generation of researchers.

Applicants should have doctoral level qualifications in a relevant academic discipline, outstanding international reputation in research and scholarship, and strong track record or potential in securing funding. Applicants should be willing to work with a team and possess a dedication to research and education. Remuneration packages will be competitive and will match the candidate’s qualifications and experiences. (Visiting and contract positions will also be considered.)

Please send a detailed curriculum vitae with names and contact details of three referees, statement of intended research, and copies of three publications, by February 28, 2008 to: Professor Jiufu Luo, Associate Director, The Med-X Research Institute, Shanghai Jiao Tong University, Shanghai 200030, China; E-mail: jfluosjtu.edu.cn; Tel: 0086-21-62932359 (office); 0086-13501622305 (mobile).

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**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

Applicants should clearly mark on their submissions reference number NPG/LON/795. Incomplete applications will not be considered.

Closing date: 18th January 2008.
The Appalachian Laboratory (AL) of the University of Maryland Center for Environmental Science (UMCES) seeks two individuals for full-time tenure-track assistant professor positions (two positions) and the Department of Physiology, Rutgers University, Camden, NJ 08102. Review of applications will begin January 25, 2008, and continue until the position is filled. Rutgers is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSISTANT/ASSOCIATE/FULL PROFESSORS IN COGNITIVE NEUROSCIENCE

Cognitive Neuroscience Center
Medical University of South Carolina

The Department of Neuroscience and the Neuroscience Institute at the Medical University of South Carolina seek applications for several tenure-track faculty positions in cognitive neuroscience. Candidates will participate in the development of a new Cognitive Neuroscience Center, located on the medical school campus in Charleston. Applicants must have a strong academic record of independent research with a Ph.D. or M.D. degree and expertise in one or more of the following areas: (1) regional and functional imaging, with emphasis on developing techniques for measuring brain function, and on interpreting results in human and non-human primate subjects; or (2) sensory systems, with emphasis on neurophysiological studies and experimental design.

Applications must apply online at: http://www.musc.edu/hrm/careers/faculty.htm. Please submit a letter of interest, and curriculum vitae, and arrange to have three letters of recommendation sent to: Dr. Richard A. Buxton, Department of Psychiatry, Medical University of South Carolina, 137 Ashley Avenue, BSB 403, Charleston, SC 29425. (Please note: all documents must be submitted online.)

HERBARIUM CURATOR/ASSISTANT PROFESSOR OF GEOGRAPHY

The Utah Museum of Natural History and Department of Geography at the University of Utah invite applications for a tenure-track joint position as Herbarium Curator and Assistant Professor of Geography. This is a full-time, tenure-track position. Successful candidates are expected to have anDD.M. in Botany or a closely-related field, with a strong background in herbarium management and experience teaching courses in plant geography at the undergraduate and graduate levels. The Department of Geography is committed to diversity in recruitment and encourages applications from women, minorities, individuals with disabilities, and covered veterans.

MOLECULAR PSYCHIATRY

University of California, Irvine
School of Medicine
Department of Psychiatry and Human Behavior

The Department of Psychiatry is seeking to identify qualified individuals for a Molecular Psychiatry Program. This position is half of a full-time equivalent (FTE) position. Applicants must hold a Ph.D., or combined M.D./Ph.D., degree, and should have research expertise in cellular and/or molecular biology or psychology, supported by postdoctoral training. Please send curriculum vitae, a brief description of previous and anticipated research, and three letters of reference to: Dr. Julie Elie, Associate Professor of Psychiatry, Irvine School of Medicine, Department of Psychiatry and Human Behavior, University of California, Irvine, CA 92697. Applications will be reviewed beginning December 1, 2007. Women and minorities are strongly encouraged to apply.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. The University of Utah is an Equal Opportunity/Affirmative Action Employer, and a National Science Foundation ADVANCE Program. This program is an Equal Opportunity Employer. Applications from women, minorities, individuals with disabilities, and covered veterans are encouraged.

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THE UNIVERSITY OF SOUTHERN MISSISSIPPI
DEPARTMENT OF BIOLOGICAL SCIENCES
TENURE-TRACK FACULTY POSITION
ENTOMOLOGY

The University of Southern Mississippi Department of Biological Sciences invites application for a nine-month, tenure-track assistant professor position in entomology. The successful candidate will join our growing department with strong research programs in cellular and molecular biology, organisinal biology and ecology. Although preference will be given to applicants whose research complements existing research programs, work in any area of applied or basic research will be considered. A competitive salary commensurate with qualifications and experience, competitive startup package, modern lab space, and state-of-the-art facilities will be provided.

The University of Southern Mississippi, a Carnegie Research High Activity institution with 15,000 students, is located in Hattiesburg, Miss., near the Gulf Coast and has abundant opportunities for outdoor recreation. Hattiesburg is the medical, commercial and cultural center of southern Mississippi and is ranked in the top five small metropolitan areas in the United States. The Department of Biological Sciences comprises twenty-nine faculty and offers baccalaureate, Master of Science and Ph.D. degrees. Over 60 graduate students currently pursue masters and doctoral degrees. Further information about the department may be found at http://www.usm.edu/biology/.

The successful candidate will be expected to establish an active, extramurally funded research program, mentor graduate students and participate in undergraduate and graduate teaching in his or her area of expertise. Post-doctoral research experience is required. Applicants should submit a letter of application, curriculum vitae, statement of research plans, copies of pertinent publications and letters of reference to: Michael Davis, Entomology Search Committee, Dept. of Biological Sciences, The University of Southern Mississippi, 118 College Drive #5018, Hattiesburg, MS 39406-0001. Electronic submission accepted (Mike.Davis@usm.edu). Review of applications will begin on January 31, 2008, and continue until the position is filled.

The University of Southern Mississippi is an Affirmative Action/Employer/Americans with Disabilities Act Institution.

nachemistry

Associate Editors

The Nature Publishing Group is pleased to announce the launch of Nature Chemistry in 2009. Following the success of Nature Materials, Nature Chemical Biology and Nature Physics, and given the strength of the parent journal Nature, we fully expect Nature Chemistry to seize the commanding heights of the chemistry-publishing landscape.

Alongside the highest-quality original research, Nature Chemistry will cover news, commentary and analysis from and for the chemistry community, as well as striving to develop a voice that chemists care about.

As part of this exciting new publishing venture, we are now seeking three Associate Editors for Nature Chemistry, to be based in our London, Boston and Tokyo offices.

Applicants should have a PhD in a chemistry-related discipline, with demonstrable research achievements. Although postdoctoral experience is preferred (not required), emphasis will be placed on broadly trained applicants with a good knowledge of the chemistry community. Key elements of the position include the selection of manuscripts for publication, and commissioning, editing and writing other content for the journal. Candidates who wish to be considered for the role in our Japan office must demonstrate a good understanding of the East Asian research communities (in particular Japan, China and Korea) as well as being fluent in English and preferably an Asian language (Japanese, Chinese or Korean).

These are demanding and extremely stimulating roles, which call for a keen interest in the practice and communication of science. The successful candidates will, therefore, be dynamic, motivated and outgoing, and must possess excellent interpersonal skills. The salary and benefits, will be competitive, reflecting the critical importance and responsibilities of each position.

Applicants should send a CV (including their class of degree and a brief account of their research and other relevant experience), a News & View style piece (no more than 500 words) on a recent paper explaining their interest in the post, salary expectations, and indicating whether they wish to be considered for a position in London, Boston or Tokyo.

To apply please send your CV and covering letter, quoting reference number NPG/LON/797 to Denise Pitter at londonrecruitment@macmillan.co.uk

Closing date: 31st January 2008.

CONFERENCES

2nd International Congress on Stem Cells and Tissue Formation
July 6-9 2008
International Congress Center Dresden
Speakers:
Arturo Alvarez-Buylla
Yves A. Yancey
Thomas Braun
Oliver Brüstle
Gerald de la Rosa
Michèle De Luca
Steffen Dimmeler
Yves Deruy
Reinhard Faissler
Jonas Frisen
Margaret A. Goodell
Jürgen Hessleiter
Yukihiro Kageyama
Arnold H. Knoblauch
Evert Kroon
Aiden Leitch
Shin-ichi Nakahata
Shahin Nour
Hans R. Schlief
Martin S. Schwartz
Austin Smith
Kitty L. Spalding
Gustar Storb
Andrew H. Stewart
Danek van der Kooy
Vander Lissoni
Palla Wert
Martin Wernig
Anna M. Wobus
Pamela C. Yock
Peter W. Zandstra

More information:
www.stemcellcongress-dresden.org
POSITIONS OPEN

FACULTY POSITION
Exercise and Nutrition Translational Obesity/Metabolic Syndrome/
Diabetes Research
University of Missouri, Columbia
Department of Nutritional Sciences

The Department of Nutritional Sciences at the University of Missouri, Columbia invites applications for a tenure-track position at the ASSISTANT PROFESSOR level from investigators whose interests focus on obesity and the metabolic syndrome. The newly expanded Department of Nutritional Sciences now spans three colleges within the University and has a mission focused on an interdisciplinary approach to the study of metabolic disease prevention from pituitary to patient to population to policy. The University is noted for interdisciplinary research programs. We are seeking an outstanding scientist to work in our expanding human exercise and nutrition program. This comprehensive Program offers three initiatives including an M.D./Ph.D., M.D., or a Ph.D. with postdoctoral experience and a translational research focus. The successful applicant will be expected to develop an outstanding translational research program and contribute to Department teaching activities. This person would be involved in campus-wide research initiatives relative to exercise and nutrition in obesity, metabolism, and the metabolic syndrome. Located in the heart of the Midwest and between two major metropolitan cities, Columbia is a vibrant university town that is consistently ranked among the top small cities to live in America. Please send curriculum vitae, a narrative of research and educational interests, and the names and contact information of three references to:
Chair, Nutritional Sciences Search Committee
Department of Nutritional Sciences
217 Gwynn Hall
University of Missouri-Columbia
Columbia, MO 65211

Or by electronic submission (strongly preferred) to e-mail: unchensj@missouri.edu. Active review of applications will begin January 15, 2008, and the search will continue until the position is filled.

Visit the University of Missouri-Columbia’s website: http://www.missouri.edu/.
Please direct ADA accommodation requests to our Coordinator at telephone: 573-884-7278 (TTY). The University of Missouri, Columbia is an Equal Opportunity Employer, Affirmative Action Employer, and complies with the guidelines set forth in the Americans with Disabilities Act of 1990.

POSTDOCTORAL RESEARCH - MENTORED TRAINING FELLOWSHIPS available. Office for Diversity in Science Training, University of Kansas, NIH-Institutional Research and Academic Career Development Award (IRACDA) Program. Postdoctoral fellowships are available through the NIH-IRACDA Program. This comprehensive Program offers three years of support to outstanding candidates seeking postdoctoral research training along with an opportunity to obtain mentored teaching experience in a four-year tribal college in preparation for an academic career. Applicants must be interested in the IRACDA field required. For complete description and application instructions go to website: https://jobs.ku.edu, position #00061772. Review of applications will begin before March 15, 2008, for appointments beginning August 1, 2008, and will continue until positions are filled. Equal Opportunity/Affirmative Action Employer.

COMPUTATIONAL BIOCHEMISTRY CONSULTANT
The University of Minnesota Supercomputing Institute seeks to hire a person with a computational biochemistry/biophysics background to join a dynamic group that provides high level of technical support for researchers. The consultant must have expertise in computational aspect of molecular modeling, structural chemistry, drug design, and/or structural biology. Please see the employment section at website: http://www.msi.umn.edu for details.

The U of M is an Equal Opportunity Educator and Employer.

RESEARCH ASSOCIATE PROFESSOR
Cryo-electron Microscopy
University of Minnesota

The University of Minnesota, Twin Cities invites applications for a research-track faculty position in the area of cryo-electron microscopy. Full position description is available online.

Ph.D. or equivalent degree with minimum of five years of experience in the field of cryo-electron microscopy is required. Applications are accepted through the University of Minnesota online employment website: http://employment.umn.edu/applicants/ CentralQuickFind-68717. Equal Opportunity Educator and Employer.

FACULTY POSITION in VACCINE and INFECTIOUS DISEASES INSTITUTE
Fred Hutchinson Cancer Research Center and the University of Washington

The Vaccine and Infectious Disease Institute and Clinical Research Division of the Fred Hutchinson Cancer Research Center (FHCRC) and the University of Washington (UW) are seeking outstanding candidates for one or more full-time faculty positions at the level of ASSISTANT MEMBER/PROFESSOR without tenure. The position is located in the Department of Global Health at the UW. Preference is being given to those who study molecular immunology as it relates to HIV vaccines, pathogenesis, and mucosal immunology. M.D. or Ph.D. qualification is required. University of Washington faculty engage in teaching, research, and service. The individual will be expected to develop an independent research program. Excellent collaborators with scientists in clinical, molecular medicine, and basic sciences at the Fred Hutchinson Cancer Research Center and the University of Washington are available. Salary depending on experience plus excellent benefits. Interested candidates may submit curriculum vitae, a concise statement of research plan, and three reference letters to:

Julie McElrath, M.D., Ph.D.
Co-Director, Vaccine and Infectious Disease Institute
Associate Head, Program in Infectious Diseases
Fred Hutchinson Cancer Research Center
1100 Fairview Ave. N., LE-500
P.O. Box 19024
Seattle, WA 98109

Application review will continue until the position is filled.

The University of Washington and the Fred Hutchinson Cancer Research Center are Affirmative Action, Equal Opportunity Employers. We are committed to attracting and retaining a diverse and high quality workforce, which values and seeks to enhance the ethnic and gender diversity of its faculty. We encourage individuals from all backgrounds to apply. The University of Washington and Fred Hutchinson Cancer Research Center are Affirmative Action, Equal Opportunity Employers. DBS is interested in hiring candidates who will enhance the ethnic and gender diversity of its faculty. UM is an Equal Employment Opporunity/Affirmative Action Employer and the recipient of an active National Science Foundation PACE Award.

POSTDOCTORAL POSITION
Baylor College of Medicine

Postdoctoral Research position is available immediately to study estrogen receptor action in bladder cancer focusing on therapeutic uses of selective estrogen receptor modulators (SERMs). We use a combination of state-of-the-art cell and molecular biology techniques in conjunction with in vivo bioluminescence imaging and ultrasonography of mouse bladder tumor models. For details of the Laboratory’s research please see website: http://public.bcm.tmc.edu/mcb/faculty/smith_c.html.

Required qualifications: Ph.D. in biological science with a strong background in molecular and/or cancer biology. Experience with mouse tumor models is desired. Salary commensurate with experience.

To apply send (e-mail preferred; e-mail: carolyns@bcm.tmc.edu) a letter of application including a short description of research experience and interests, curriculum vitae, and contact information for three references to Carolyn Smith, Ph.D. at the following address: Department of Molecular and Cellular Biology, BCM130, Baylor College of Medicine, Houston, TX 77030. BCM is an Equal Opportunity, Affirmative Action, Equal Access Employer.

University of Florida College of Public Health and Health Professions/Emerging Pathogens Institute seeks a PROFESSIONAL AND DIRECTOR, Environmental Health Program. The successful candidate will have expertise in appropriate discipline required. View the complete job posting at website: http://www.phhp.ufl.edu/services/humanresources/ and click on job vacancies. The University of Florida is an Equal Opportunity Employer.
Science is proud to be co-recipient, with Nature, of Spain’s 2007 Prince of Asturias Foundation Award – Communication and Humanities. Since 1981, the foundation has recognized world leaders in scientific, technical, cultural, social, and humanitarian work. We are honored to be in their company.

Conratulations to all the 2007 winners.

Arts – Bob Dylan
Communication and Humanities – Journals Science and Nature
Concord – Yad Vashem, the Holocaust Museum in Jerusalem
International Cooperation – Al Gore
Letters – Amos Oz
Scientific and Technical Research – Ginés Morata and Peter Lawrence
Social Sciences – Ralf Dahrendorf
Sports – Michael Schumacher

Photography courtesy of the Prince of Asturias Foundation.
PLANT COMMUNITY ECOCOLOGIST (ASSISTANT PROFESSOR)

The Department of Ecology at Montana State University seeks a Plant Community Ecologist (tenure track) to teach and study plant community ecology, community plant population, animal interaction, plant community biodiversity, and/or climate change/disturbance response, preferably in the greater Yellowstone ecosystem and Montana. Collaborative research with existing strengths in animal ecology, quantitative ecology, land use change, and landscape ecology is desirable. See website: http://www.montana.edu/ecology/ for more information. Deadline: August 1, 2008 preferred. Applicants should submit a letter of interest addressing the required and preferred qualifications, curriculum vitae, description of research accomplishments and future directions, statement of teaching experience and interests, copies of three publications, and names and contact information of three references to: Plant Community Ecology Search Committee, Department of Ecology, Montana State University, Bozeman, MT 59717. Submitting of applications will begin February 15, 2008, and continue until a suitable candidate is found. MTU is an Equal Opportunity/Affirmative Action Employer.

PHARMACOLOGY TENURE-TRACK FACULTY POSITION

University of Wisconsin, Madison

A tenure-track faculty position as an ASSOCIATE PROFESSOR is available in the Department of Comparative Biosciences, School of Veterinary Medicine. Qualifications include Ph.D., postdoctoral experience, and potential to develop an outstanding, extramurally funded research program in pharmacology that complements existing academic strengths. Teaching responsibilities include instruction in fundamentals of pharmacology. To apply, send curriculum vitae, brief statements of research interests and teaching philosophy, and three reference letters to: Gordon S. MacIntosh, Chair, Department of Comparative Biosciences, University of Wisconsin, 2015 Linden Drive, Madison, WI 53706. Apply by March 1, 2008. Additional information, see website: http://www.vetmed.wisc.edu/jobs.html. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS

Loveland Respiratory Research Institute

Giving the Gift of Breath

Loveland Respiratory Research Institute (LRRI), the only research Institute fully dedicated to lung research, is seeking motivated individuals for two Postdoctoral Fellow appointments in the area of lung mucous biology. These immediately available positions will focus on the elucidation of the molecular mechanisms of the anti-inflammatory role of Muc1 mucin (Journal of Immunology 176:3890, 2006) using both in vivo and in vitro systems. Applicants should have a Ph.D., at least two years of diversified relevant experience, an interest in background in molecular/cell biology, preferably in lung physiology and cell signaling. Opportunities for growth into independent research areas are available. Please send a cover letter, curriculum vitae, and names of three references to: Job #N4307, Human Resources Office, Loveland Respiratory Research Institute, 2425 Ridgecrest Drive SE, P.O. Box 7236, Pocatello, ID 83207 or by fax: 208-784-2581. Applications are due no later than February 25, 2008; open until a suitable candidate is found. MSU is an Equal Opportunity/Affirmative Action Employer. Males and Females are encouraged to apply.